



COMPLETION REPORT

PREESE HALL -1

LJ/06-5

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1. INTRODUCTION

Preese Hall – 1 was spudded on 16th August 2010 and drilled to a depth of 9100 ft. The well was drilled in 119 days using a Drillmec HH220, hydraulic super single land rig.

Preese Hall – 1 was the first exploration well drilled by Cuadrilla Resources and also the first dedicated unconventional shale gas well to be drilled in the UK. Its primary target was to exploit the unconventional gas reservoir within the Bowland Shale. Secondary to this objective was to determine if there were commercial oil/gas deposits in the Collyhurst Sandstone. Structurally the well is located on the western flank of the Elswick Dome and the top of the Bowland Shale, the target formation, was encountered at a depth of 6540 ft, approximately 1740 ft deeper than the original prognosis.

Shale gas reservoirs typically have very low permeabilities and therefore require stimulation in order to induce flow into the wellbore. A “slickwater” hydraulic fracture design was chosen for this particular stimulation which consisted of fresh water with a sand proppant and friction reducer to reduce the pumping pressures.

Each hydraulic fracture stage (main treatment) was preceded by a minifrac which was designed to break down the formation and open the fractures. The main treatment then contained the proppant, designed to hold open the fracture and allow gas flow back to the well bore. Very small concentrations of chemicals are also used and are detailed in section 3. The water is then flowed back at various stages to encourage gas flow from the formation.

Due to minor seismic activity detected during two of the hydraulic fracture stages, only 5 full stages and a mini frac from stage 6 were completed.

2. WELL DRILLING DATA REPORT

2.1. KEY WELL DATA

WELL NAME:	PREESE HALL 1
DECC REFERENCE NUMBER:	LJ/06-5
LICENCE NUMBER:	PEDL 165
CALSSIFICATION:	EXPLORATORY
PARTNERS AND EQUITY:	BOWLAND RESOURCES LIMITED (WHOLLY OWNED SUBSIDIARY OF CUADRILLA RESOURCES LIMITED)
HOLE TYPE:	VERTICAL
WELLSITE LOCATION:	PREESE HALL FARM, WEETON, KIRKHAM, LANCASHIRE
SURFACE CO-ORDINATES:	
LATITUDE:	53° 49' 19.0216 NORTH
LONGITUDE:	2° 56' 56.5939 WEST
NORTHING:	436627.49
EASTING:	337531.68
CONTRACTOR	CUADRILLA WELL SERVICES

2.2. IMPORTANT DATES AND TIMES

RIG ON LOCATION:	22 nd MAY 2010
WELL SPUDDED:	16 th AUGUST 2010
WELL REACHED TOTAL DEPTH:	9100 FT
DAYS TO DRILL WELL:	119
DAYS ON LOCATION:	213
RIG OFF LOCATION:	20 th December 2010

NOTE: All measurements within this report are measured from Rig Kelly Bushing (RKB). RKB to Ground Level (GL) is 25.5ft

PRINCIPAL SERVICE COMPANIES FOR OPERATION:

Cementing Services:	Cuadrilla Well Services
Perforating service:	Weatherford
Waste Disposal Service:	FBG Ltd
Workover Unit:	Cuadrilla well Services
Well Servicing:	Cuadrilla well services

CUADRILLA OPERATIONS PERSONNEL:

Chief Executive Officer:	Mark Miller
Executive Director:	Dennis Carlton
Chief Operating Officer:	Eric Vaughan
Exploration Vice president:	Peter Turner
Operations Engineer and Land Manager: Chris Hird	
Operations Geologist:	Huw Clarke
Wellsite Supervisor:	Scott Baker
Rig Managers:	Peter Grey and Carl Swales

2.3. WELLSITE LOCATION

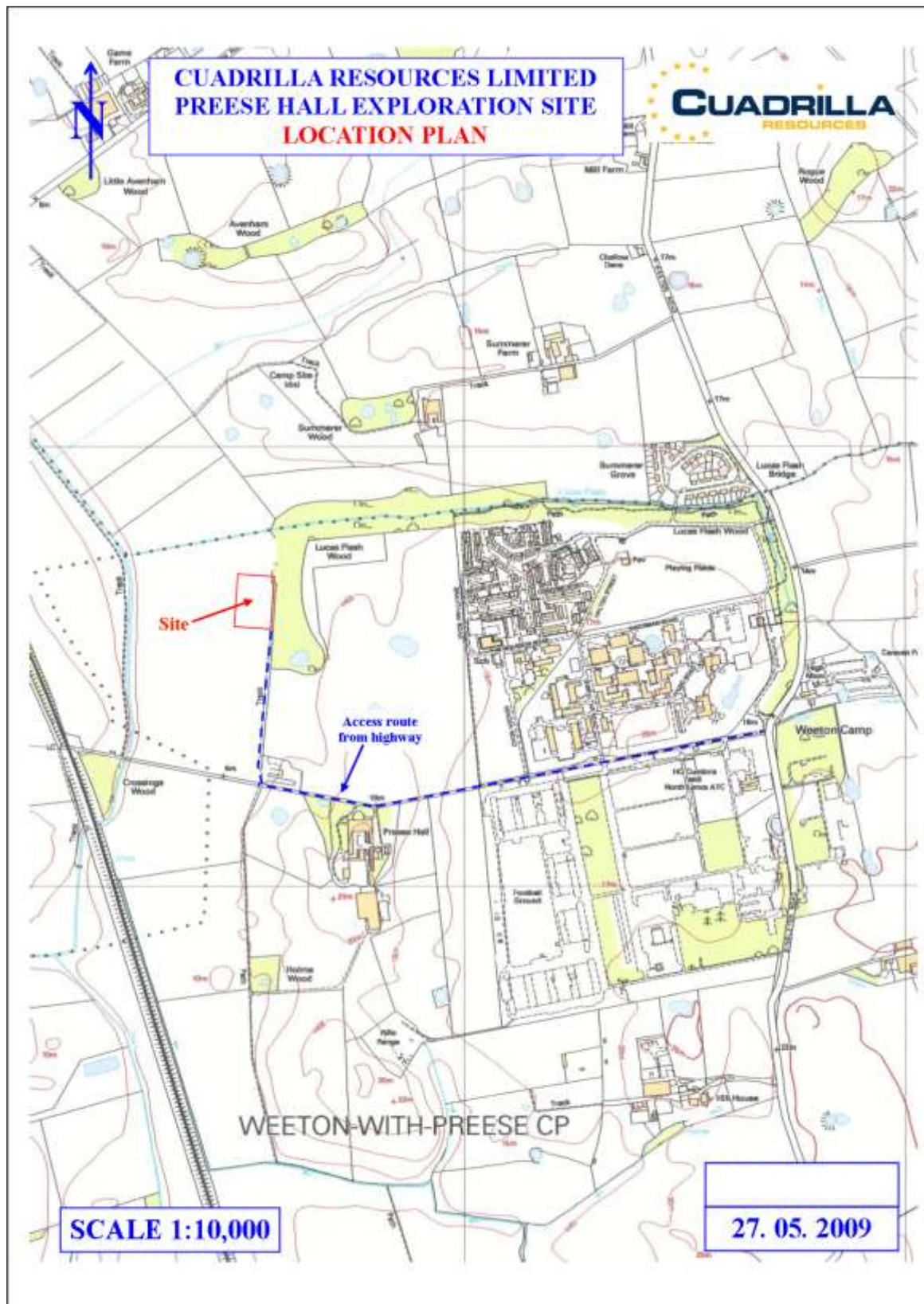


Figure 1 – Site location map

3. HYDRAULIC FRACTURING

3.1. FRACTURE FLUID

The composition of the fracturing fluid is shown in figure 2.

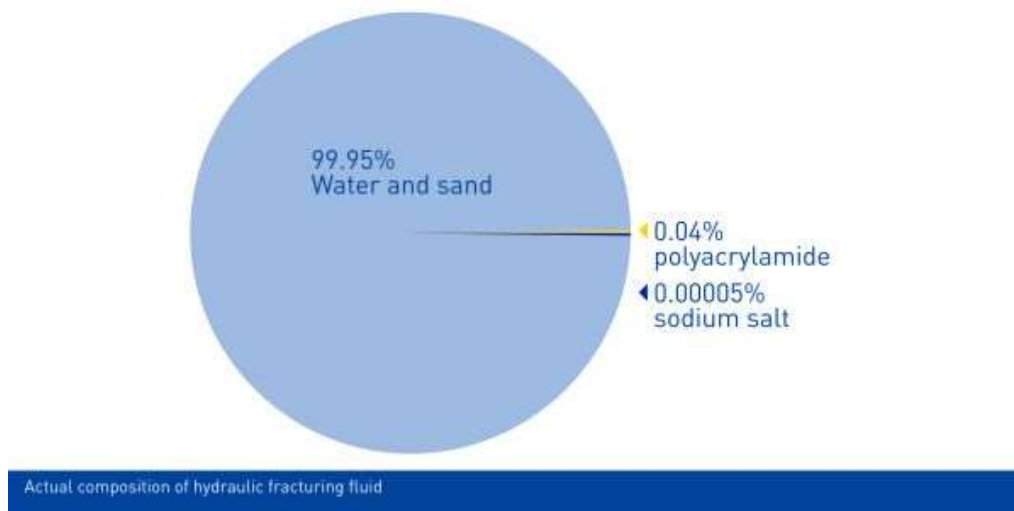


Figure 2 - Composition of Hydraulic Fracturing Fluid in Preese Hall-1

Cuadrilla's fracturing fluid did not contain hazardous to ground water or toxic components, consisting of water, sand, polyacrylamide (FR-40) and sodium salt. The composition of the fracturing fluid for each stage in the well is specified in figure 3.

Figure 3 -Composition of Components in Bowland Shale Hydraulic Fracturing Fluid for Preese Hall - 1 Well

Proc. Stage	Common Name	Supplier	Supplier Chemical Name	Purpose	Country of Origin	Components Listed on MSDS	Total Volume	Volume Unit	MSDS Component Weight % of Chemical	Volume of Component in Well meters ³	Concentration of Total Volume Injected	Comments
1	Fresh Water	United Utilities	Water	Carry sand, open fractures	UK		1,969.0	meters ³		1969.00	22.96%	
1	Congleton Sand	Sibelco UK	HST-80	Prop open fractures	UK		23.0	metric ton	100%	8.62	0.101%	
1	Chelford Sand	Sibelco UK	CH-52	Prop open fractures	UK		78.0	metric ton	100%	29.74	0.341%	
1	Friction Reducer	CEI Chemical	FR-40	Reduce pressure required to pump down pipe	Netherlands	Polyacrylamide Emulsion in Hydrocarbon Oil	0.000	meters ³	100%	0.00	0.011%	This product does not contain any reportable hazardous components as defined in 29 CFR 1910.1206
1	Chem Tracer	Spectrachem	Chem Tracer	Identify frac water in flowback	USA	Water	-	grams	90%	0.00000	0.000000%	
						Sodium Salt	-	grams	10%	0.00000	0.000000%	
2	Fresh Water	United Utilities	Water	Carry sand, open fractures	UK		2,338.6	meters ³		2338.60	27.27%	
2	Congleton Sand	Sibelco UK	HST-80	Prop open fractures	UK		31.3	metric ton	100%	11.75	0.137%	
2	Chelford Sand	Sibelco UK	CH-52	Prop open fractures	UK		85.3	metric ton	100%	31.98	0.379%	
2	Friction Reducer	CEI Chemical	FR-40	Reduce pressure required to pump down pipe	Netherlands	Polyacrylamide Emulsion in Hydrocarbon Oil	1.079	meters ³	100%	1.08	0.013%	This product does not contain any reportable hazardous components as defined in 29 CFR 1910.1206
2	Chem Tracer	Spectrachem	Chem Tracer	Identify frac water in flowback	USA	Water	1,300	grams	90%	0.00136	0.00005%	
						Sodium Salt	-	grams	10%	0.00014	0.000002%	
3	Fresh Water	United Utilities	Water	Carry sand, open fractures	UK		799.8	meters ³		799.80	9.37%	
3	Congleton Sand	Sibelco UK	HST-80	Prop open fractures	UK		14.6	metric ton	100%	5.47	0.064%	
3	Chelford Sand	Sibelco UK	CH-52	Prop open fractures	UK		37.6	metric ton	100%	14.10	0.168%	
3	Friction Reducer	CEI Chemical	FR-40	Reduce pressure required to pump down pipe	Netherlands	Polyacrylamide Emulsion in Hydrocarbon Oil	0.304	meters ³	100%	0.30	0.003%	This product does not contain any reportable hazardous components as defined in 29 CFR 1910.1206
3	Chem Tracer	Spectrachem	Chem Tracer	Identify frac water in flowback	USA	Water	578	grams	90%	0.00052	0.000006%	
						Sodium Salt	-	grams	10%	0.00006	0.000001%	
4	Fresh Water	United Utilities	Water	Carry sand, open fractures	UK		1,683.6	meters ³		1683.60	19.63%	
4	Congleton Sand	Sibelco UK	HST-80	Prop open fractures	UK		11.5	metric ton	100%	4.31	0.050%	
4	Chelford Sand	Sibelco UK	CH-52	Prop open fractures	UK		72.7	metric ton	100%	26.51	0.309%	
4	Friction Reducer	CEI Chemical	FR-40	Reduce pressure required to pump down pipe	Netherlands	Polyacrylamide Emulsion in Hydrocarbon Oil	0.655	meters ³	100%	0.66	0.008%	This product does not contain any reportable hazardous components as defined in 29 CFR 1910.1206
4	Chem Tracer	Spectrachem	Chem Tracer	Identify frac water in flowback	USA	Water	1,164	grams	90%	0.00105	0.000012%	
						Sodium Salt	-	grams	10%	0.00013	0.000001%	
5	Fresh Water	United Utilities	Water	Carry sand, open fractures	UK		1,569.2	meters ³		1569.20	18.30%	
5	Congleton Sand	Sibelco UK	HST-80	Prop open fractures	UK		22.7	metric ton	100%	10.38	0.121%	
5	Chelford Sand	Sibelco UK	CH-52	Prop open fractures	UK		83.0	metric ton	100%	31.12	0.369%	
5	Friction Reducer	CEI Chemical	FR-40	Reduce pressure required to pump down pipe	Netherlands	Polyacrylamide Emulsion in Hydrocarbon Oil	0.628	meters ³	100%	0.63	0.007%	This product does not contain any reportable hazardous components as defined in 29 CFR 1910.1206
5	Chem Tracer	Spectrachem	Chem Tracer	Identify frac water in flowback	USA	Water	1,115	grams	90%	0.00100	0.000012%	
						Sodium Salt	-	grams	10%	0.00013	0.000001%	
6	Fresh Water	United Utilities	Water	Carry sand, open fractures	UK		39.0	meters ³		39.00	0.45%	
6	Congleton Sand	Sibelco UK	HST-80	Prop open fractures	UK		-	metric ton	100%	0.00	0.000%	
6	Chelford Sand	Sibelco UK	CH-52	Prop open fractures	UK		-	metric ton	100%	0.00	0.000%	
6	Friction Reducer	CEI Chemical	FR-40	Reduce pressure required to pump down pipe	Netherlands	Polyacrylamide Emulsion in Hydrocarbon Oil	-	meters ³	100%	0.00	0.000%	This product does not contain any reportable hazardous components as defined in 29 CFR 1910.1206
6	Chem Tracer	Spectrachem	Chem Tracer	Identify frac water in flowback	USA	Water	-	grams	90%	0.00000	0.000000%	
						Sodium Salt	-	grams	10%	0.00000	0.000000%	
Total	Fresh Water	United Utilities	Water	Carry sand, open fractures	UK		8,393.2	meters ³		8393.20	97.93%	
Total	Congleton Sand	Sibelco UK	HST-80	Prop open fractures	UK		108.3	metric ton	100%	40.53	0.479%	
Total	Chelford Sand	Sibelco UK	CH-52	Prop open fractures	UK		354.6	metric ton	100%	132.94	1.550%	
Total	Friction Reducer	CEI Chemical	FR-40	Reduce pressure required to pump down pipe	Netherlands	Polyacrylamide Emulsion in Hydrocarbon Oil	3.1	meters ³	100%	3.68	0.040%	This product does not contain any reportable hazardous components as defined in 29 CFR 1910.1206
Total	Chem Tracer	Spectrachem	Chem Tracer	Identify frac water in flowback	USA	Water	4,252	grams	90%	0.00383	0.000045%	
Total						Sodium Salt	-	grams	10%	0.00043	0.000005%	

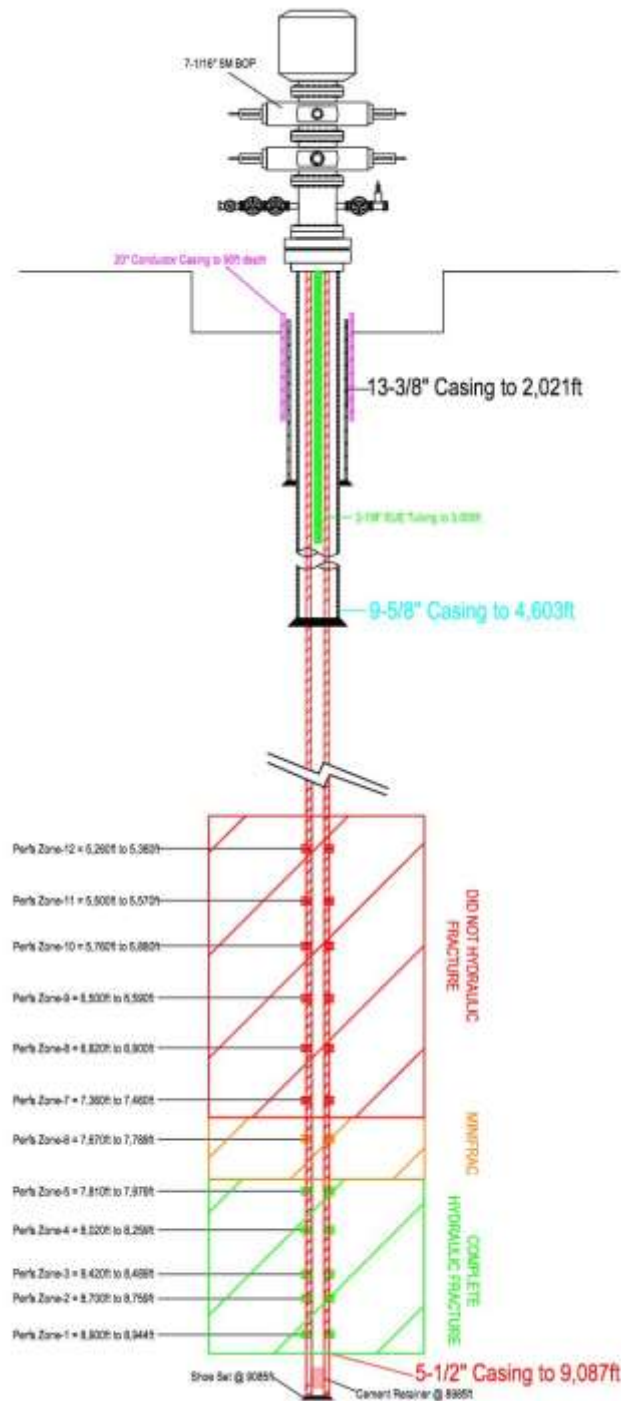
3.2. FRACTURING SAND

Fracturing sand is also referred to as proppant and is designed to hold open the fractures and allow a permeable pathway. The two most common sand types in North America are 100 mesh and 40/70 mesh. Mesh size is a way of measuring particle-size distribution (e.g. 100 mesh are particles that fit through a 0.15mm sieve). For this operation, sand was used from mines in Cheshire which are the equivalent the ones described above. In total 108.3 metric tonnes of HST80 Congleton sand and 354.1 metric tonnes of CH52 Chelford sand was used

3.3. FRACTURE DESIGN

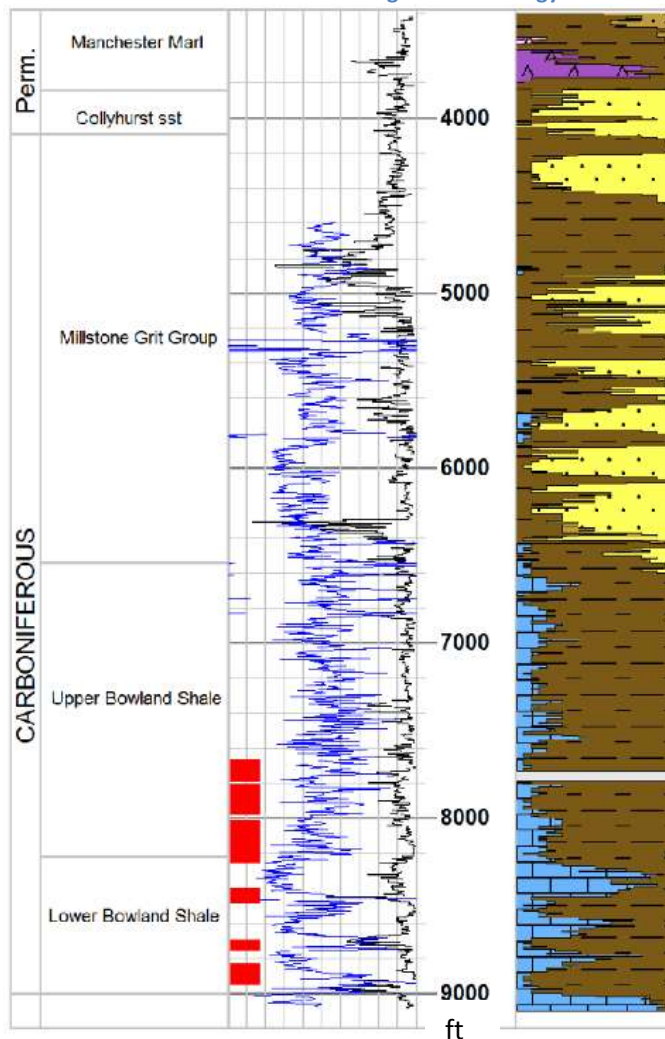
Each zone on average covered 100 ft and consisted of around 80 perforations (Figure 4). The casing is perforated using a perforation gun to allow fluid to pass from the reservoir into the well bore, the full spec of this instrument can be found in Appendix A. The exact number of perforations for each stage and number of shots are outlined in the next section.

Figure 4 - Diagram Showing completion design and placement of perforations



In figure 5 below the stages that were hydraulically fractured are shown in red.

Figure 5 - Lithology View of Areas Stimulated



- Frac pumped down 5.5 inch P – 110 casing
- Stage 1 Perfs - 2695 - 2728 m
- Stage 2 Perfs - 2652 - 2670 m
- Stage 3 Perfs - 2566 - 2587 m
- Stage 4 Perfs - 2444 - 2617 m
- Stage 5 Perfs - 2380 - 2432 m
- Stage 6 Perfs - 2338 - 2374 m
- Proppant -40/70 and 100 mesh UK sand
- Fluid-city supplied water with friction reducer and chemical tracer.

3.3.1. TREATMENT SUMMARY

Table 1

Customer	Bowland Resources				Job Number:	1								
Well Name/Number	Preese Hall-1				Field	Bowland								
DECC Licence					Well Type:	New								
DECC Reg	LJ/06-05												Raw breaker	
County	Lancashire												not diluted	
Country	UK													gal
														per 100 gal water
	Perforation Depth	Total	Stage	Frac	H ₂ O Vol	N ₂ Vol	HCl Acid	HCl Vol	HST80	CH52	Tot Prop	FR-40		Chem Tracer
	feet	Shots	Class	Type	bbbls	hscf	conc	usg	mton	mton	mton	usg		grams
Stage 1 Minifrac	8841-50, 8930-39, 8942-51	81	New Zone	Minifrac	817	-	-	-	-	-	-	-	-	-
Stage 1 Frac	8841-50, 8930-39, 8942-51		New Zone	Slickwater	11,568	-	-	-	23.0	78.0	101.1	243	-	-
Stage 2 Minifrac	8700-09, 8730-39, 8750-59	81	New Zone	Minifrac	590	-	-	-	-	-	-	12	-	-
Stage 2 Frac	8700-09, 8730-39, 8750-59		New Zone	Slickwater	14,120	-	-	-	31.3	85.3	116.6	273	-	394.0
Stage 3 Minifrac	8420-29, 8450-59, 8480-89	81	New Zone	Minifrac	254	-	-	-	-	-	-	5	-	-
Stage 3 Frac	8420-29, 8450-59, 8480-89		New Zone	Slickwater	4,777	-	-	-	14.6	37.6	52.2	99	-	578.0
Stage 4 Mini Frac	8020-29, 8120-29, 8250-59	81	New Zone	Minifrac	502	-	-	-	-	-	-	-	-	-
Stage 4 Frac	8020-29, 8120-29, 8250-59		New Zone	Slickwater	10,088	-	-	-	11.5	70.7	82.2	173	-	1,164.0
Stage 5 Mini-Frac	7810-19, 7900-09, 7970-79	81	New Zone	Minifrac	280	-	-	-	-	-	-	-	-	-
Stage 5 Frac	7810-19, 7900-09, 7970-79		New Zone	Slickwater	9,590	-	-	-	27.7	83.0	110.7	166	-	1,114.5
Stage 6 Mini-Frac	7780-89, 7700-09, 7670-79	81	New Zone	Minifrac	245	-	-	-	-	-	-	-	-	-
Totals	Total Shots	486	m3 Fluid>	8399	52,831	-	-	-	108.1	354.6	462.8	971	-	3,251
				HST80 mton Delivered	108.3	99.8%	used		238,424	781,976	1,020,400	<lbs Prop		
				CH52 mton Delivered	354.1	100.2%	used		Toal Prop cwt Delivered		462.4	100.1%	used	
			AIR	ASTP	Bkdn	ISIP	Pre Frac	Post Frac	5 min	10 min	15 min	Add3	Add4	Add5
	Formation	Date	bpm	psi	psi	psi	Gradient	Gradient	psi	psi	psi	gal	lbs	gal
Stage 1 Minifrac	Lower Worston Shale	26-Mar-11	29.0	7,900	2,480	3,271	-	0.73	2,937	2,741	2,589	-	-	-
Stage 1 Frac	Lower Worston Shale	28-Mar-11	68.0	6,450	-	5,200	-	1.01	4,540	4,420	4,350	-	-	-
Stage 2 Minifrac	Mid Worston Shale	30-Mar-11	35.7	6,200	5,650	4,640	-	0.96	3,555	3,147	2,894	-	-	-
Stage 2 Frac	Mid Worston Shale	31-Mar-11	61.0	7,674	-	5,000	-	1.00	4,332	4,095	3,930	-	-	-
Stage 3 Minifrac	Upper Worston Shale	08-Apr-11	31.0	4,600	4,777	3,623	-	0.86	2,460	2,158	2,035	-	-	-
Stage 3 Frac	Upper Worston Shale	09-Apr-11	61.0	5,863	3,950	4,377	-	0.95	3,944	3,801	3,714	-	-	-
Stage 4 Mini Frac	Lower Bowland Shale	25-May-11	25.0	5,000	3,695	2,680	-	0.76	2,498	2,354	2,223	-	-	-
Stage 4 Frac	Lower Bowland Shale	26-May-11	77.0	5,240	-	4,060	0.78	0.93	3,771	3,690	3,630	-	-	-
Stage 5 Mini-Frac	Lower Bowland Shale	27-May-11	34.6	4,000	3,500	3,617	-	0.82	3,044	2,924	2,795	-	-	-
Stage 5 Frac	Lower Bowland Shale	27-May-11	80.0	5,640	-	4,591	-	1.01	4,146	4,007	3,917	-	-	-
Stage 6 Mini-Frac	Lower Bowland Shale	31-May-11	31.4	6,000	5,323	4,050	-	0.95	3,220	3,006	2,883	-	-	-
0			-	-	-	-	-	-	-	-	-	-	-	-
Averages			48.5	5,870	4,196	4,101	0.78	0.91	3,495	3,304	3,178	-	-	-

Reservoir parameters can be determined in both pseudolinear and pseudoradial flow, however parameters determined from pseudoradial are thought to be more reliable. Table 2 below shows the range of pore pressures estimated from each stage and flow regime.

Table 2

Stage	Min Depth MD (ft)	Max Depth MD (ft)	Mid Perf TVD (ft)	Pseudo Linear Flow Regime	Pseudo Radial Flow Regime	Ave Pres (psi)	Min Pres (psi)	Max Pres (psi)
1	8841.5	8949.5	8769.6	Yes	No	5607	5432	5909
2	8700	8759	8624.7	Yes	Yes	5545	5190	5925
3	8420	8489	8382.2	Yes	No agreement	5065	4638	5367
4	8020	8259	8095.9	Yes	No	Well on Vacuum		
5	7810	7979	7866	Yes	No	5600	5541	5659
6	7670	7789	7708.9	No	No	Seismic Activity - Stopped Early		

3.3.2. STAGE ONE

OVERVIEW

Formation type	Lower Bowland Shale
Perforations	8841.5 – 8850.5 ft 8930.0 – 8939.0 ft 8942.0 – 8951.0 ft
Total Shot	81
Tracer	No tracer used

MINIFRAC ANALYSIS

		Figure
Volume injected	817 bbl	
Breakdown Pressure	2,480 psi	6
ISIP	3,271 psi	6
Post fracture gradient	0.73 psi/ft	6
Closure	yes	7
Flow regime	Pseudolinear	7
Estimated min pore pressure	5,432 psi	8
Estimated fracture conductivity	-	

Preese Hall #1 Stage 1 Minifrac Job Data

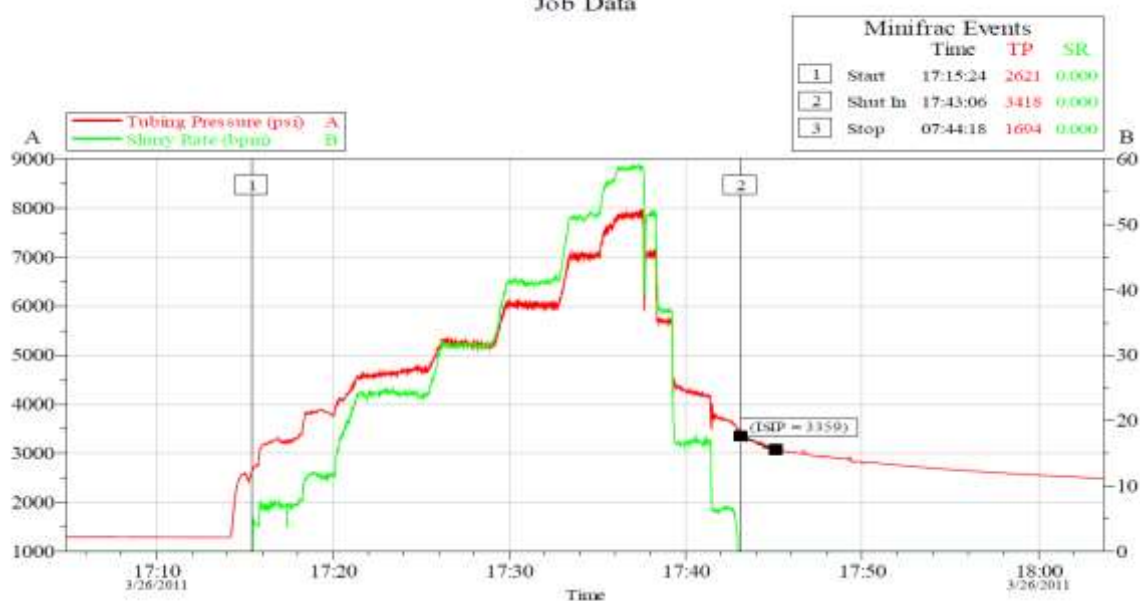


Figure 6

Preese Hall #1 Stage 1 Minifrac Minifrac - Log Log

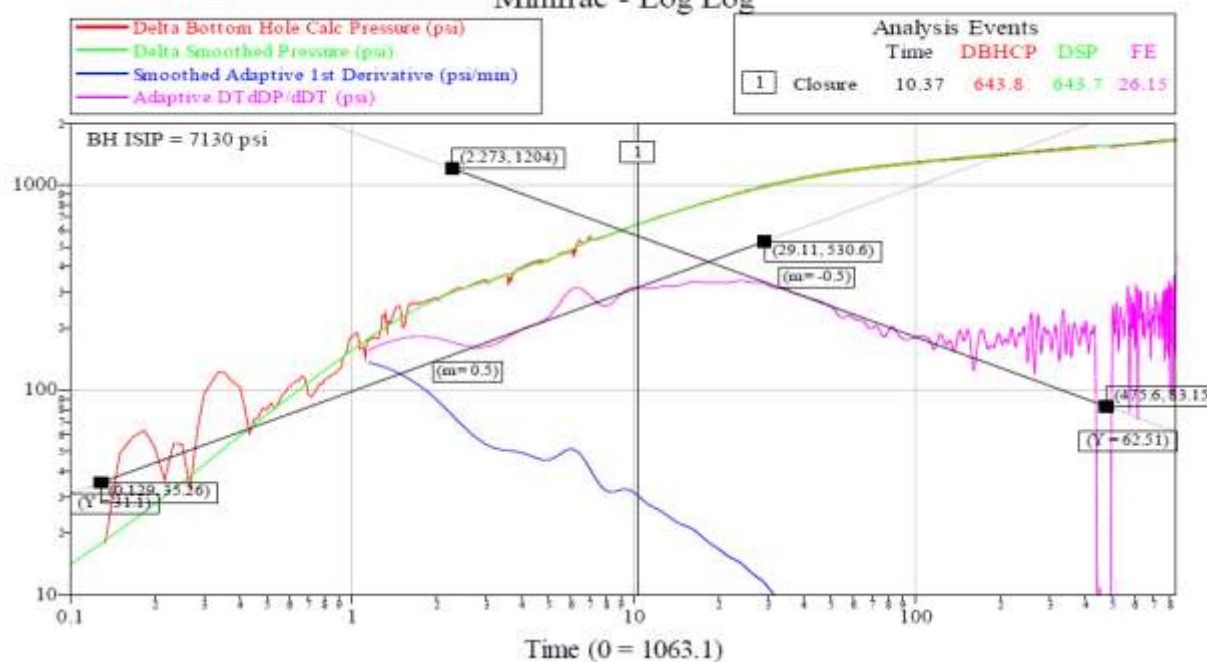


Figure 7

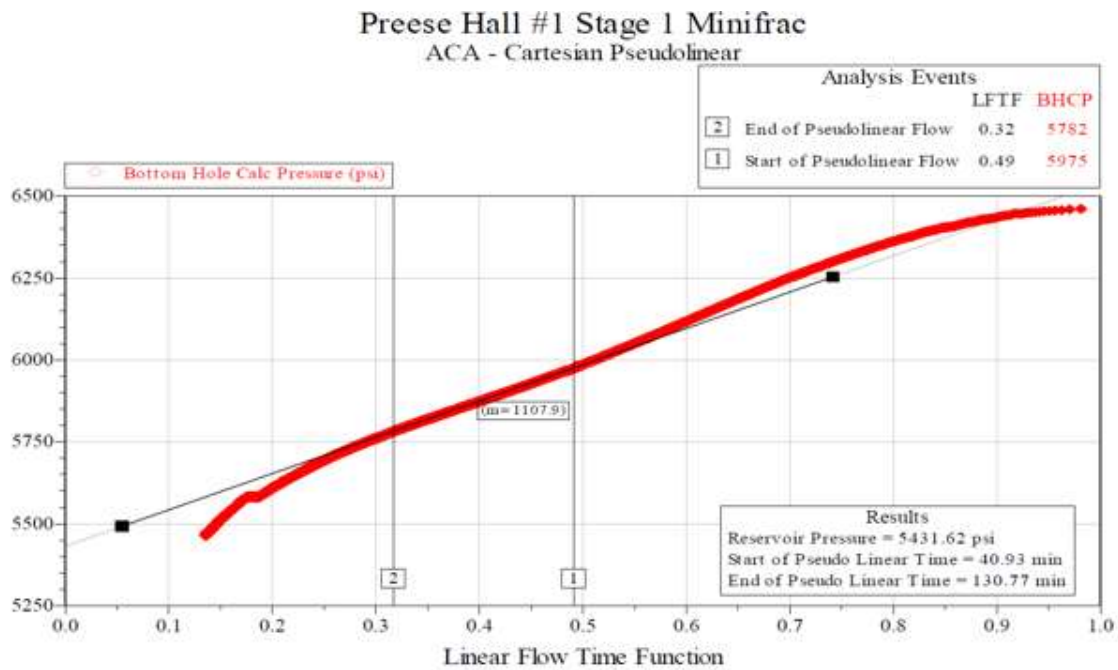


Figure 8

MAIN TREATMENT

Frac Type	Slickwater
Chemicals (per 100 gal water)	243 usg (FR-40)
Volume injected	11,568 bbl
Proppant (sand)	23 mton (HST80)
	78 mton (CH52)

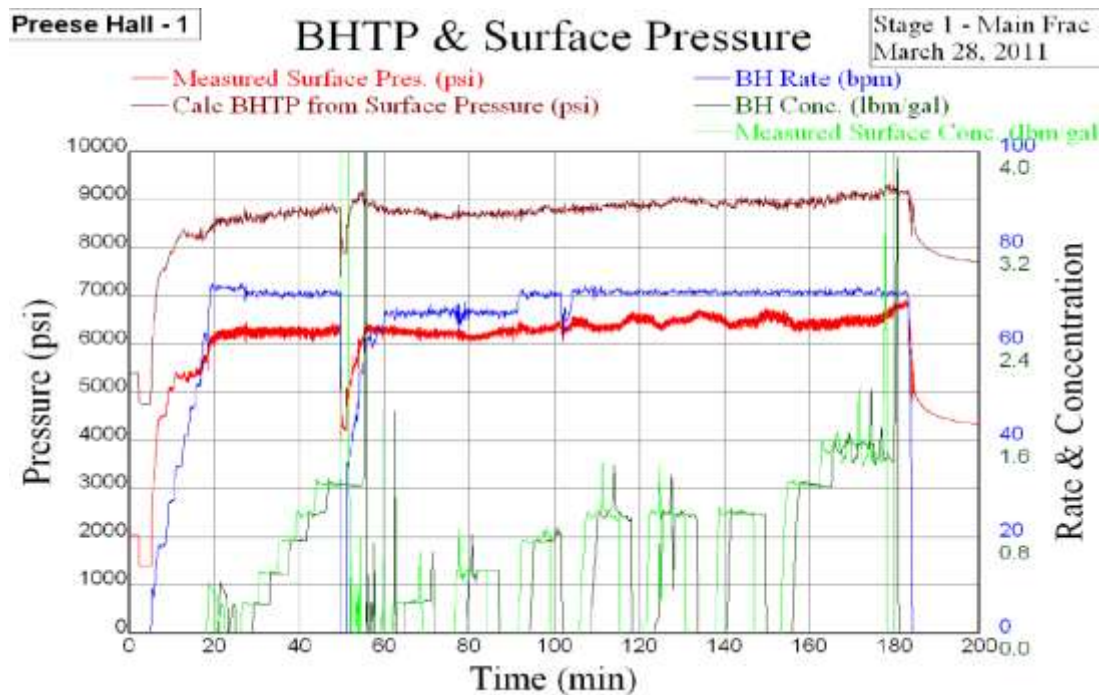


Figure 9

FLOWBACK

There was no flowback carried out after this stage.

3.3.3. STAGE TWO

OVERVIEW

Formation type	Lower Bowland Shale
Perforations	8700 – 8709 ft 8730 – 8739 ft 8750 – 8759 ft
Total Shots	81
Tracer	CFT 1000

MINIFRAC ANALYSIS

		Figure
Volume injected	590 bbl	
Breakdown Pressure	5,650 psi	
ISIP	4,640 psi	
Post fracture gradient	0.96	
Closure	Yes	
Flow regime	Pseudoradial	
Estimated min pore pressure	5,190 psi	
Estimated fracture conductivity	80 md.ft	

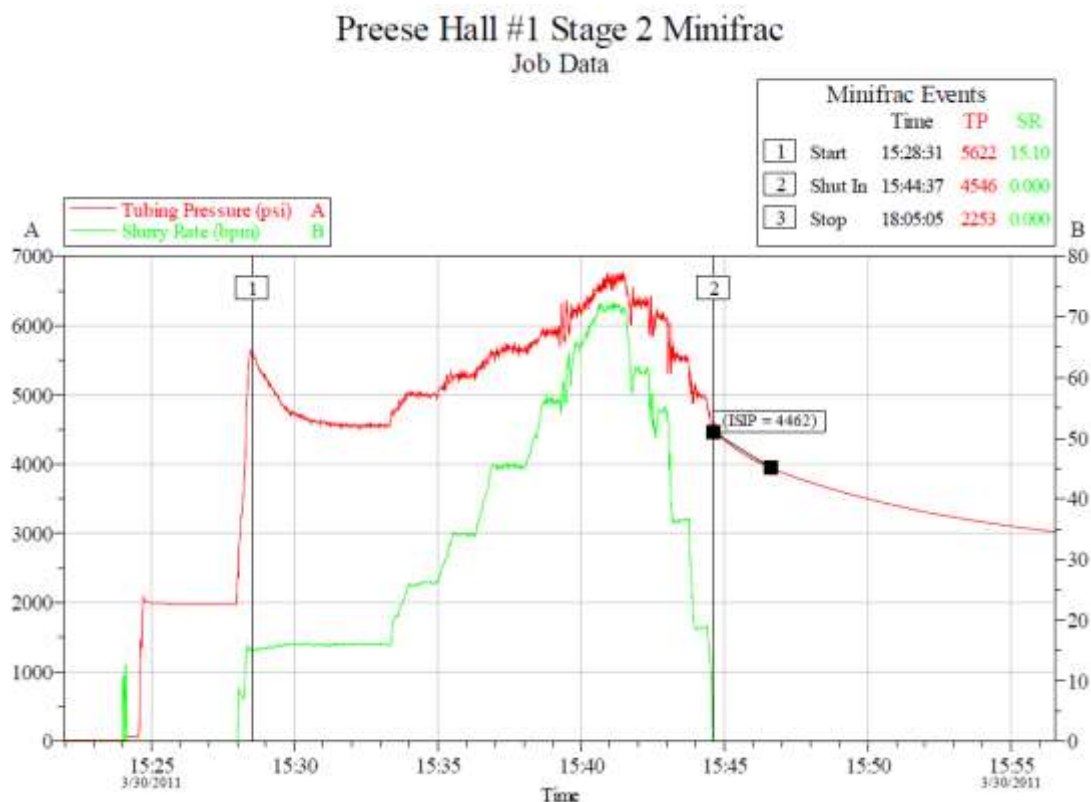


Figure 10

Preese Hall #1 Stage 2 Minifrac

Minifrac - Log Log

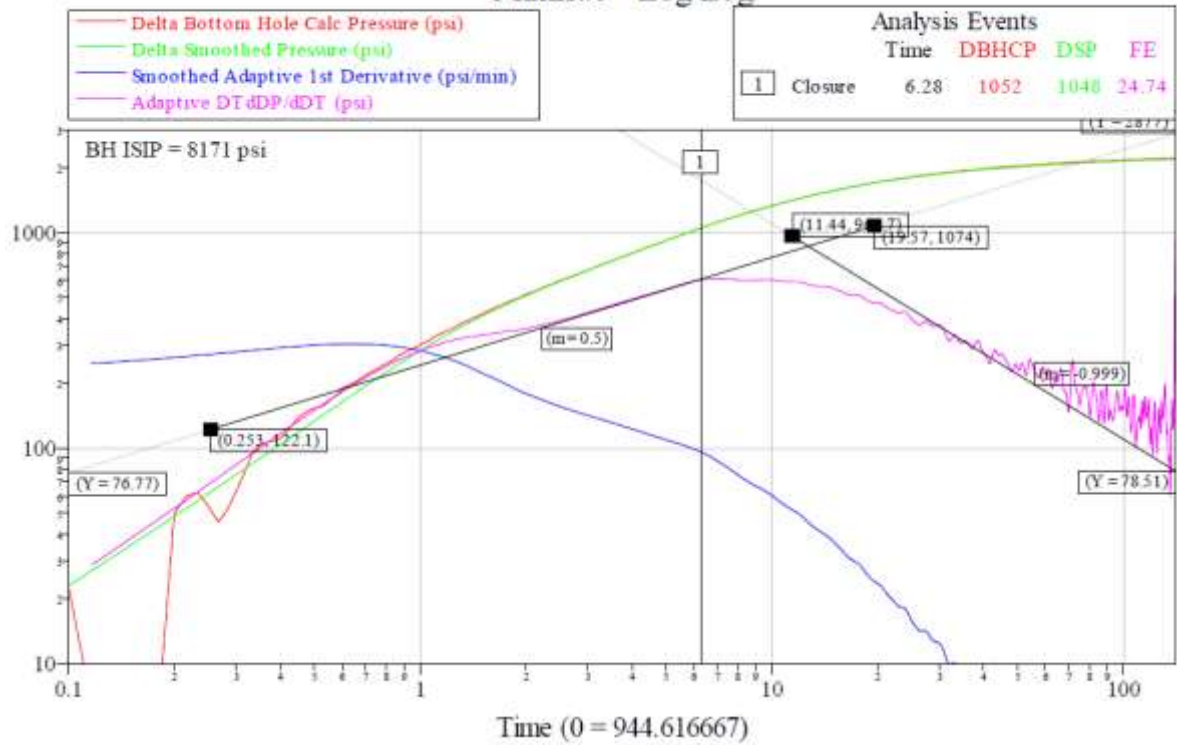


Figure 11

Preese Hall #1 Stage 2 Minifrac

ACA - Cartesian Pseudoradial

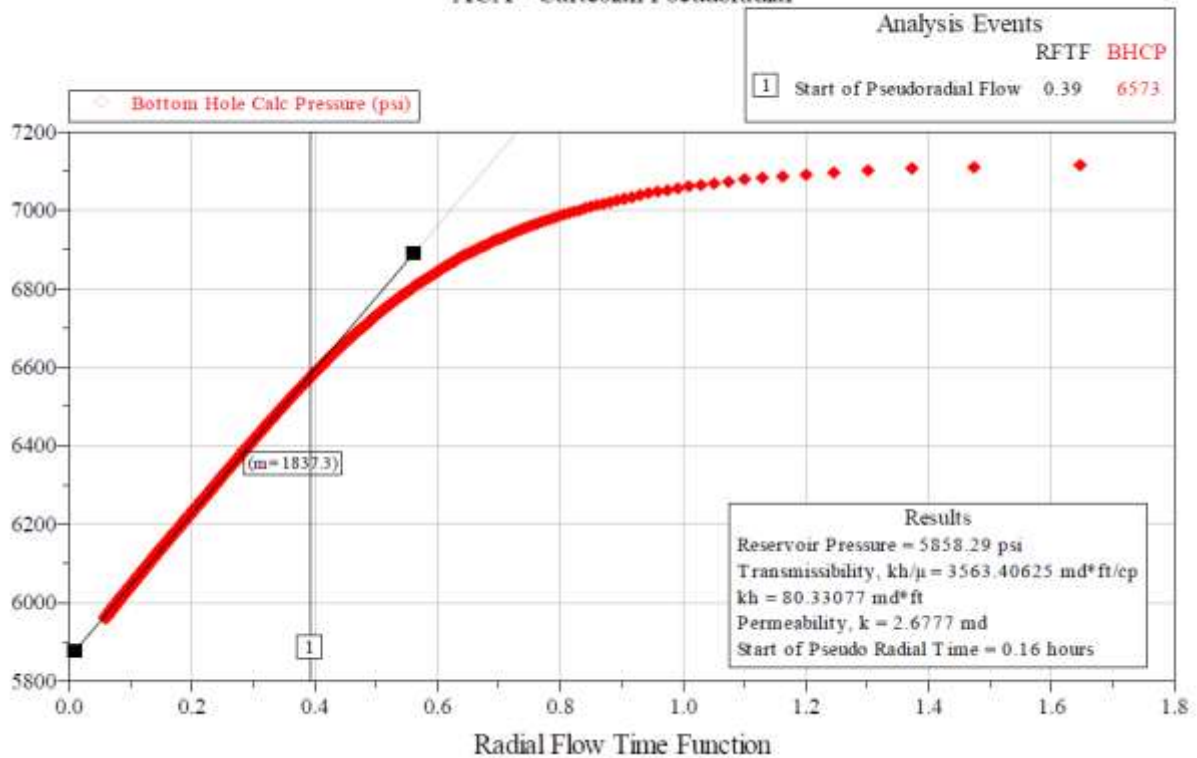


Figure 12

MAIN TREATMENT

Frac Type	Slickwater
Chemicals (per 100 gal water)	273 usg (FR-40) 394 usg (CFT 1000)
Volume injected	14,120 bbl
Proppant	31.3 mton (HST80) 85.3 mton (CH52)

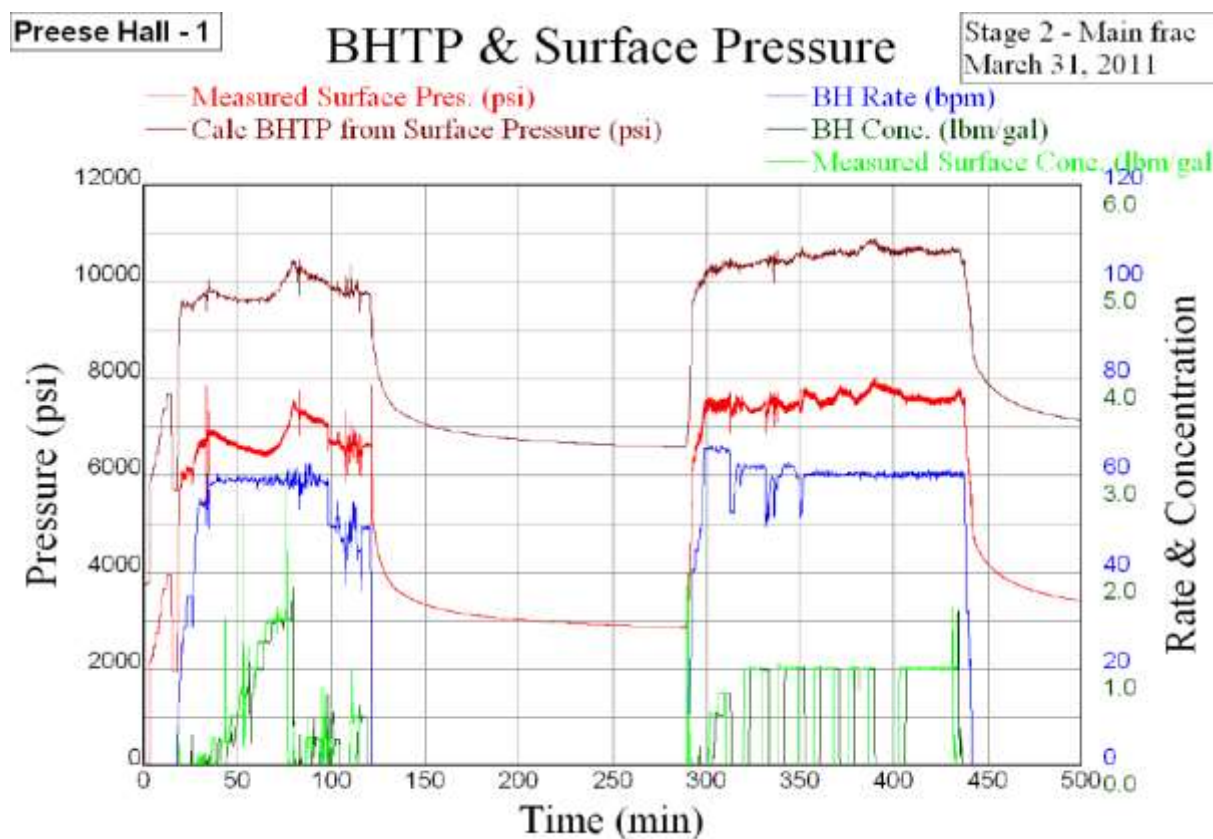


Figure 13

FLOWBACK

A small flowback period was carried out after this section, although no gas was produced in this period.

3.3.4. STAGE THREE

OVERVIEW

Formation type	Lower Bowland Shale
Perforations	8420 – 8429 ft 8450 – 8459 ft 8480 – 8489 ft
Total Shot	81
Tracer	CFT 1100

MINIFRAC ANALYSIS

		Figure
Volume injected	254 bbl	
Breakdown Pressure	4,777 psi	
ISIP	3,623 psi	
Post fracture gradient	0.86 psi	
Closure	Yes	
Flow regime	Pseudolinear	
Estimated min pore pressure	4,638	
Estimated fracture conductivity	-	

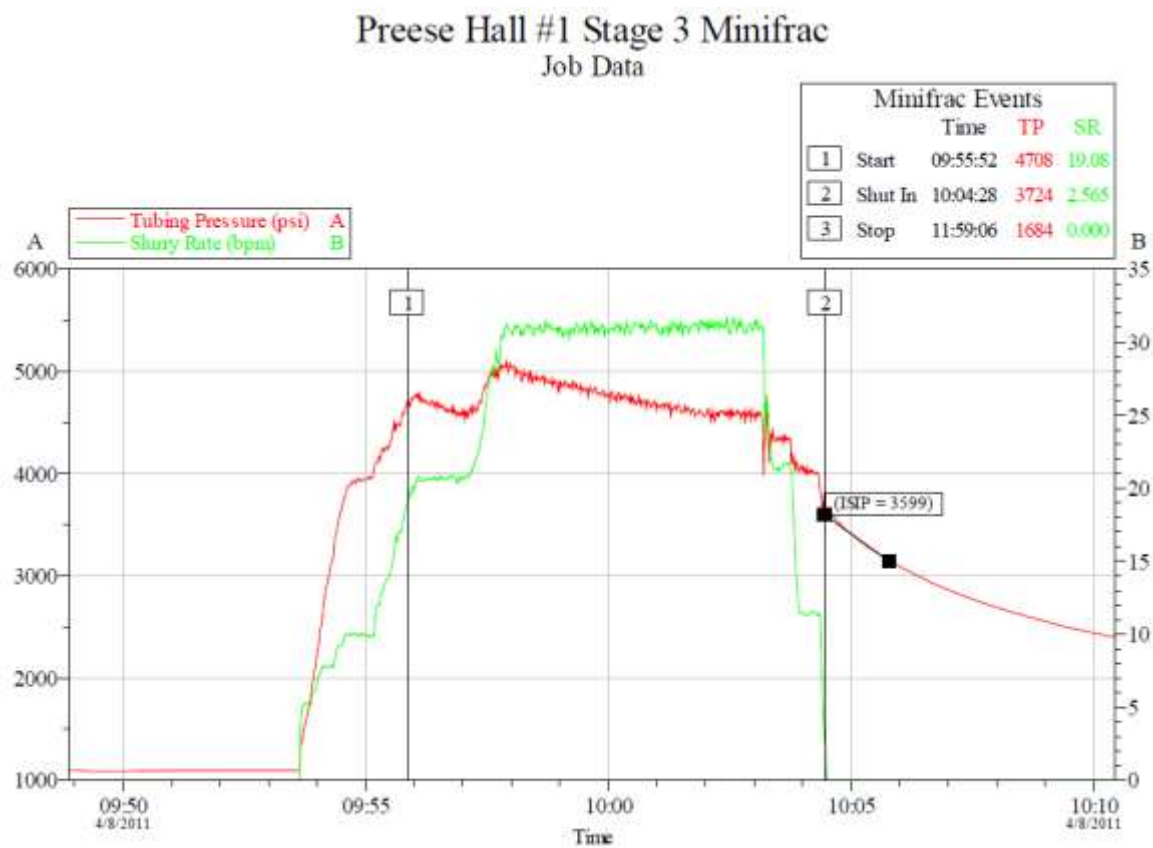


Figure 14

Preese Hall #1 Stage 3 Minifrac

Minifrac - Log Log

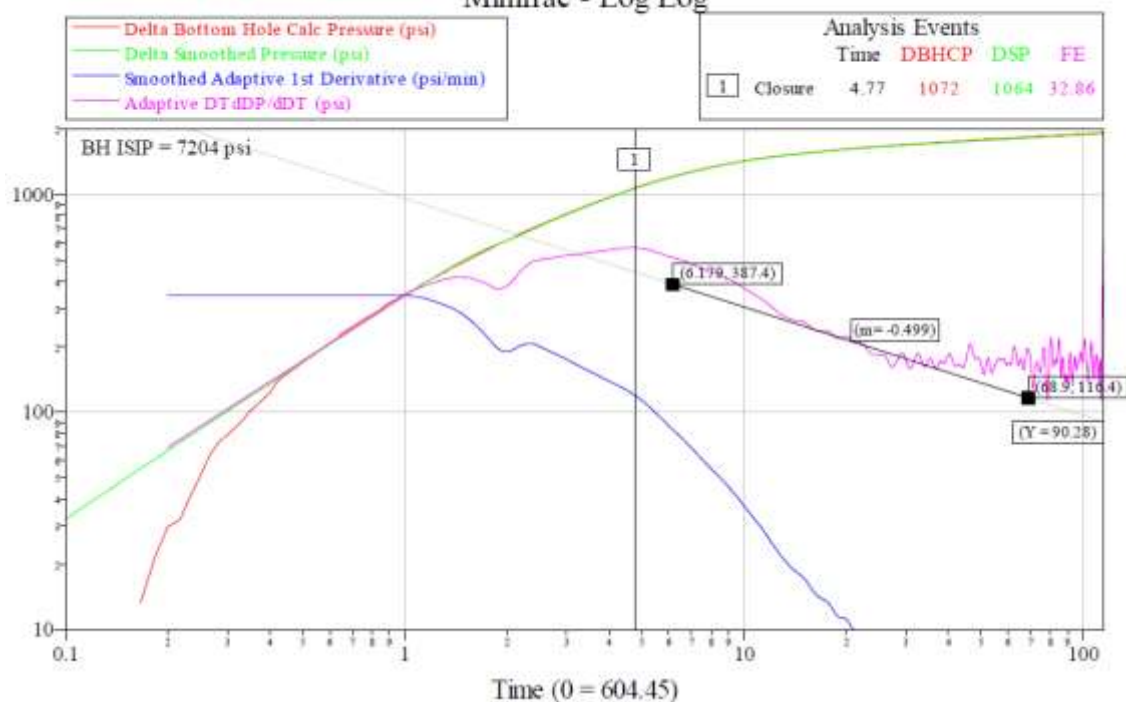


Figure 15

Preese Hall #1 Stage 3 Minifrac

ACA - Cartesian Pseudolinear

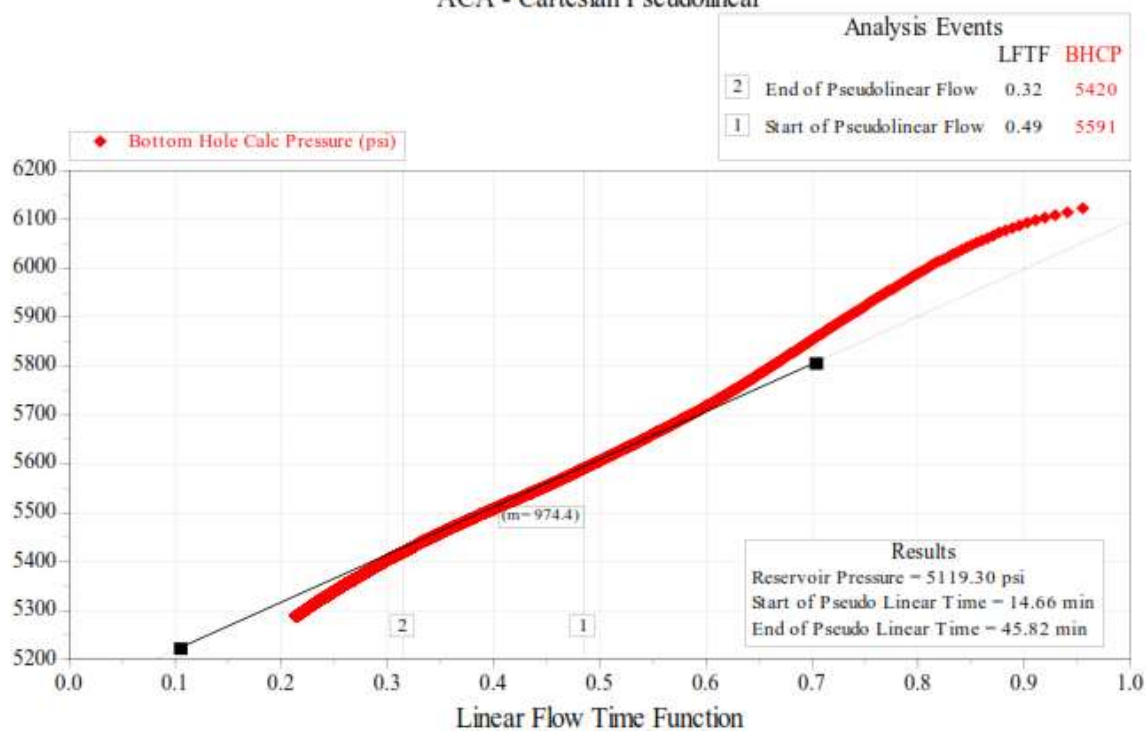


Figure 16

MAIN TREATMENT

Frac Type	Slickwater
Chemicals (per 100 gal water)	99 usg(FR-40) 578.0 usg (CFT 1100)
Volume injected	4,777 bbl
Proppant	14.6 mton (HST80) 37.6 mton (CH52)

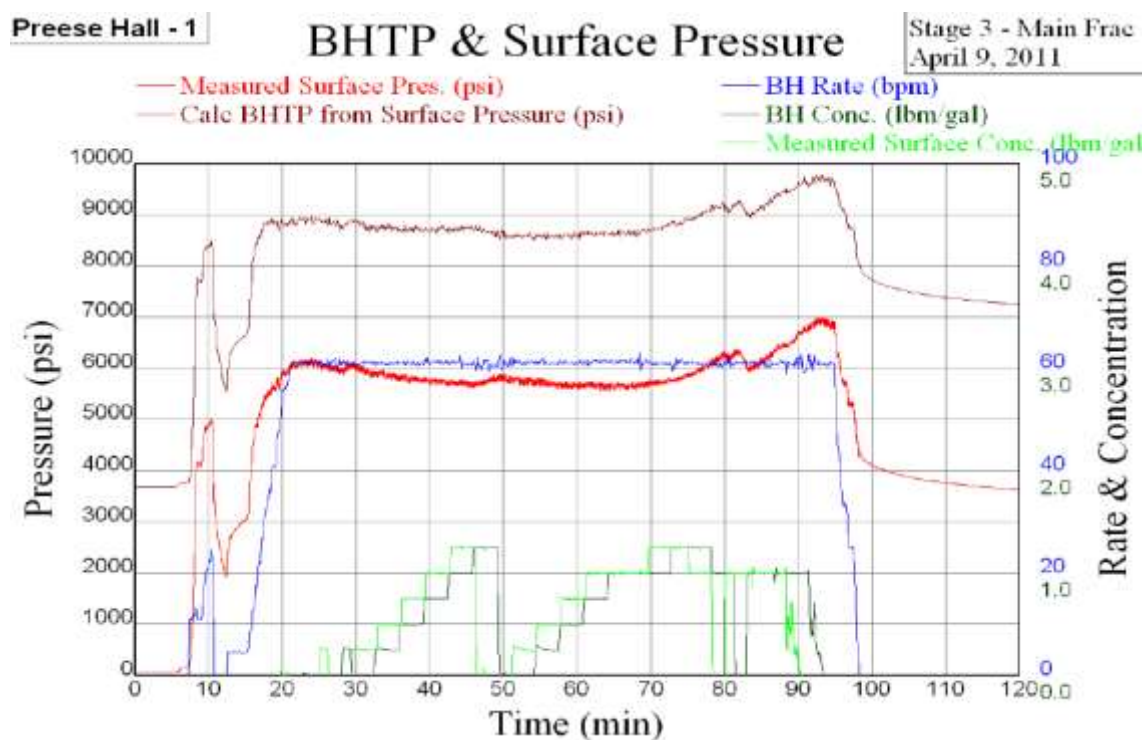


Figure 17

FLOWBACK

The flowback from this period was from stages 2 and 3. Where small unstable gas flow was observed, the results can be seen in section 4.

3.3.5. STAGE FOUR

OVERVIEW

Formation type	Lower/Upper Bowland Shale
Perforations	8020 – 8029 ft 8120 – 8129 ft 8250 – 8259 ft
Total Shots	81
Tracer	CFT - 1200

MINIFRAC ANALYSIS

		Figure
Volume injected	502 bbl	
Breakdown Pressure	3,695 psi	
ISIP	2,680 psi	
Post fracture gradient	0.76 psi/ft	
Closure	Yes	
Flow regime	Pseudolinear	
Estimated min pore pressure	-	
Estimated fracture conductivity	-	

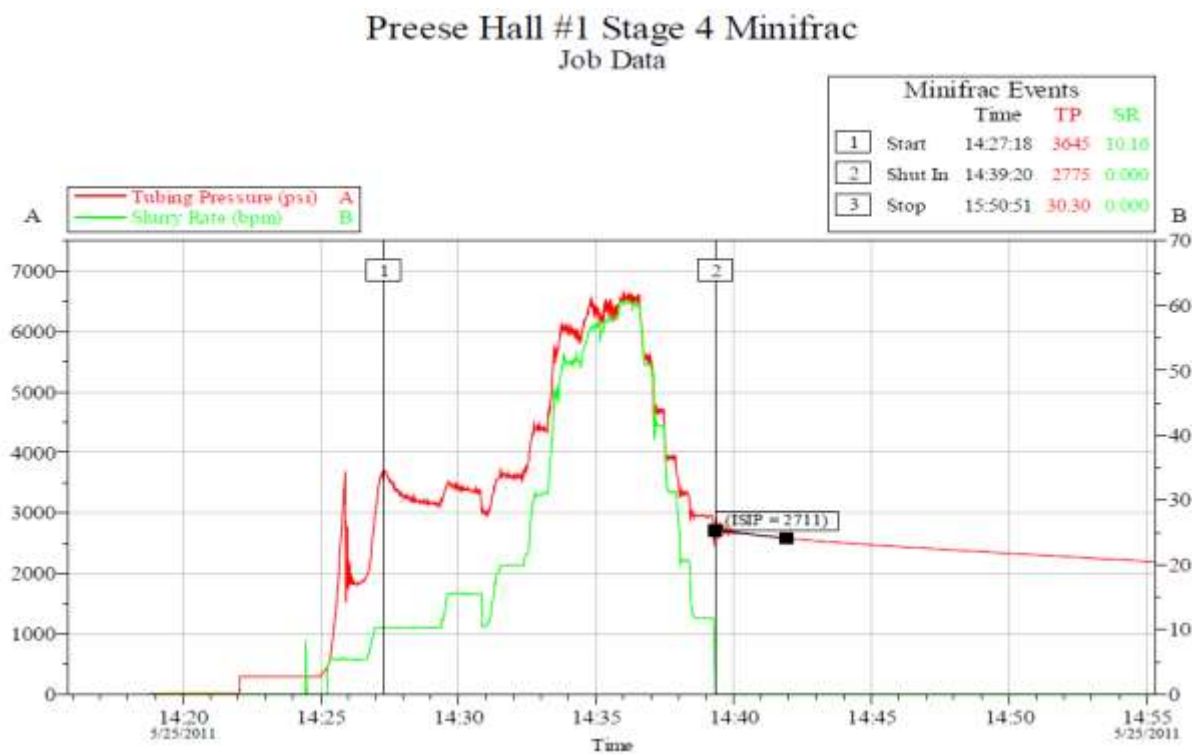


Figure 18

Preese Hall #1 Stage 4 Minifrac

Minifrac - Log Log

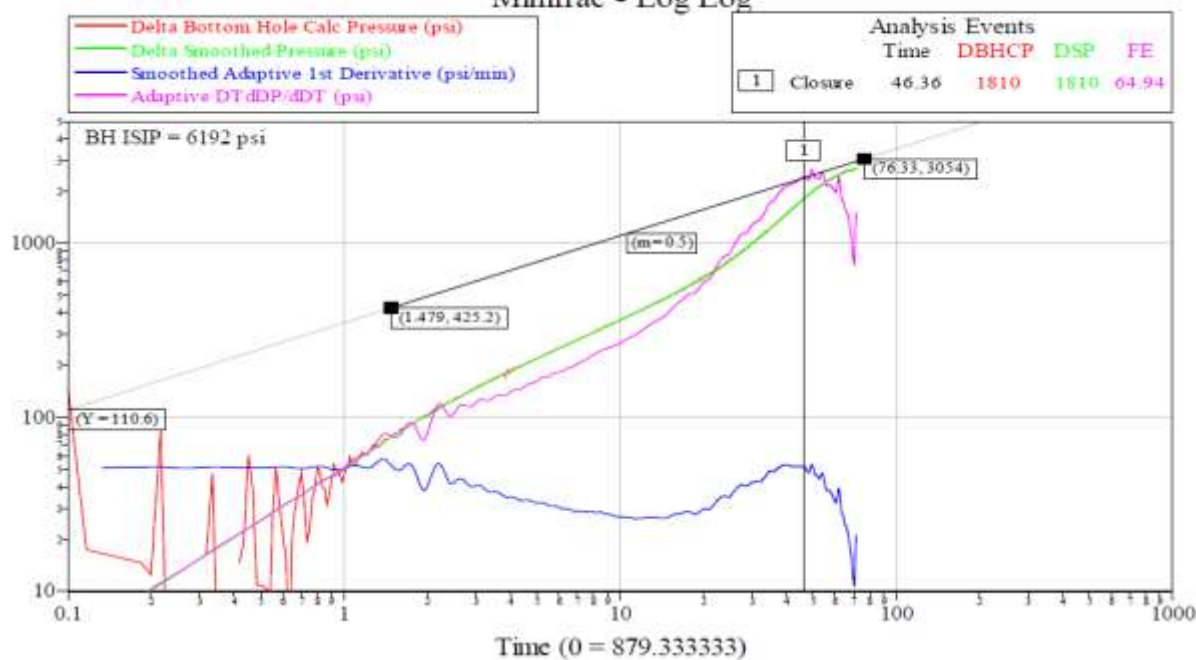


Figure 19

Preese Hall #1 Stage 4 Minifrac

ACA - Cartesian Pseudolinear

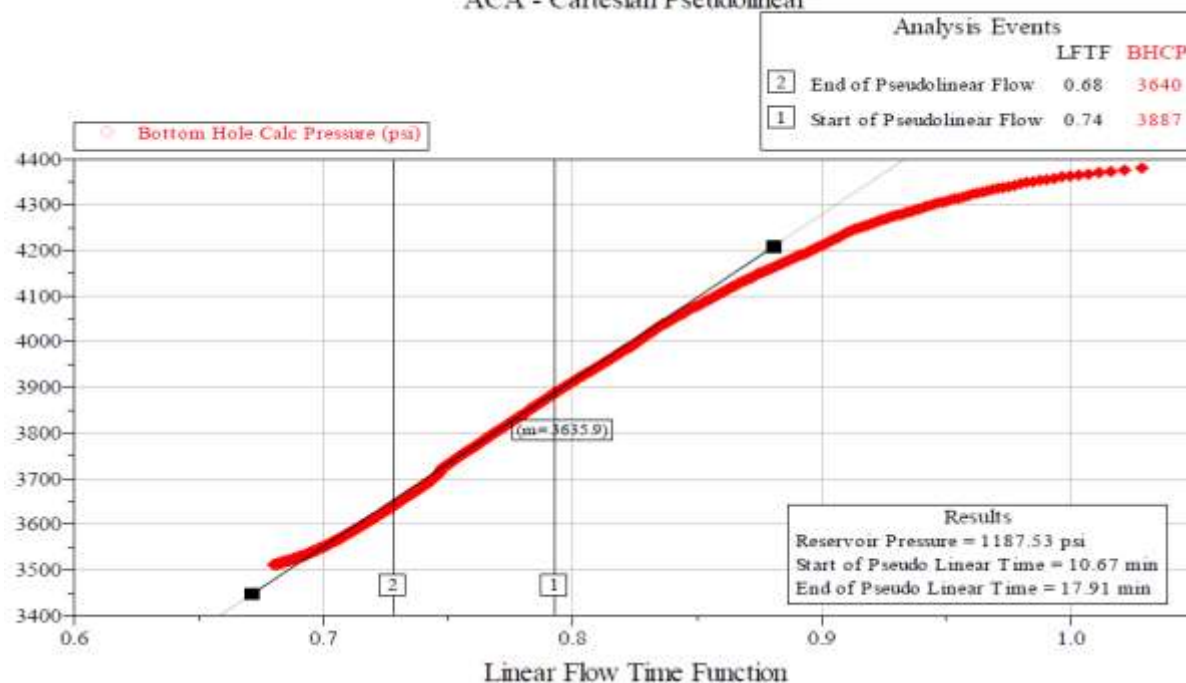


Figure 20

MAIN TREATMENT

Frac Type	Slickwater
Chemicals (per 100 gal water)	173 usg (FR-40) 1,164 usg (CFT 1200)
Volume injected	10,088 bbl
Proppant	11.5 (HST80) 70.7 (CH52)

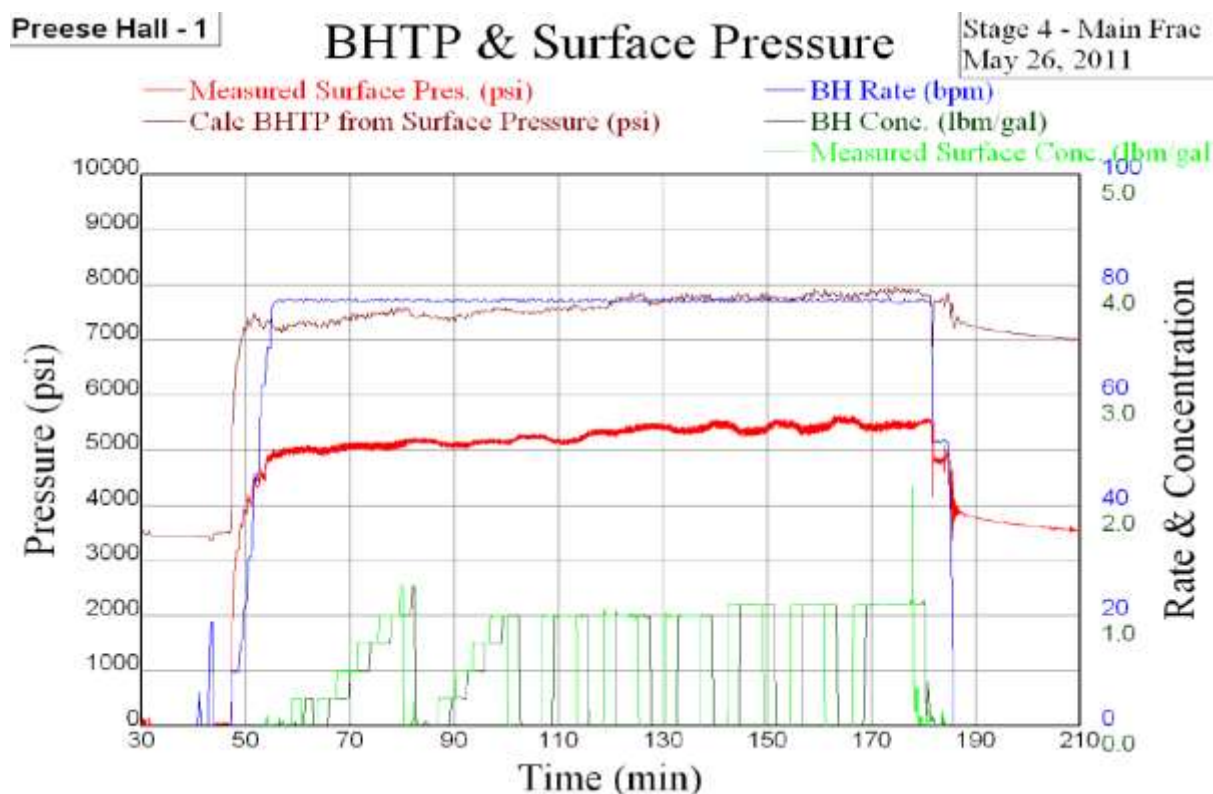


Figure 21

FLOWBACK

No flowback after this stage

3.3.6. STAGE FIVE

OVERVIEW

Formation type	Upper Bowland Shale
Perforations	7810 – 7819 ft 7900 – 7909 ft 7970 – 7979 ft
Total Shots	81
Tracer	CFT 1500

MINIFRAC ANALYSIS

		Figure
Volume injected	280 bbl	
Breakdown Pressure	3,500 psi	
ISIP	3,617 psi	
Post fracture gradient	0.82 psi/ft	
Closure	Yes	
Flow regime	Pseudolinear	
Estimated pore pressure	5,541 psi	
Estimated fracture conductivity	-	

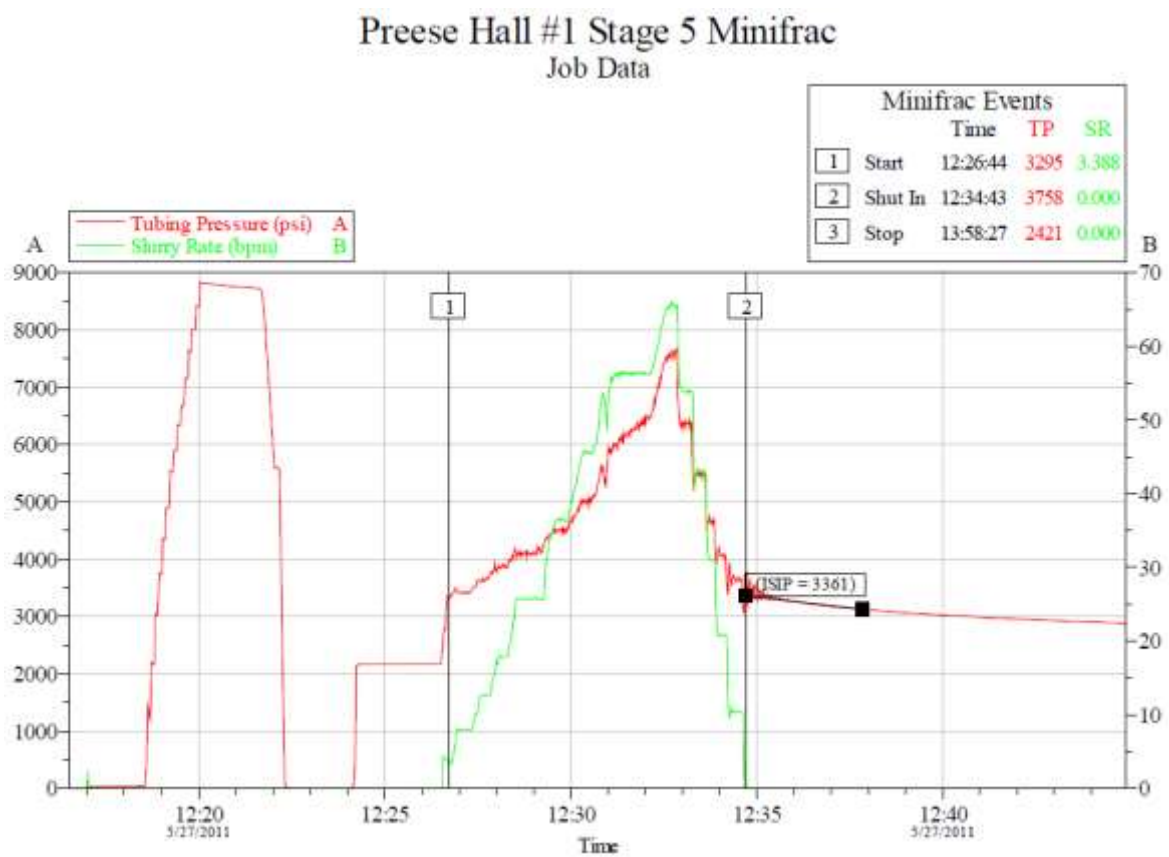


Figure 22

Preese Hall #1 Stage 5 Minifrac

Minifrac - Log Log

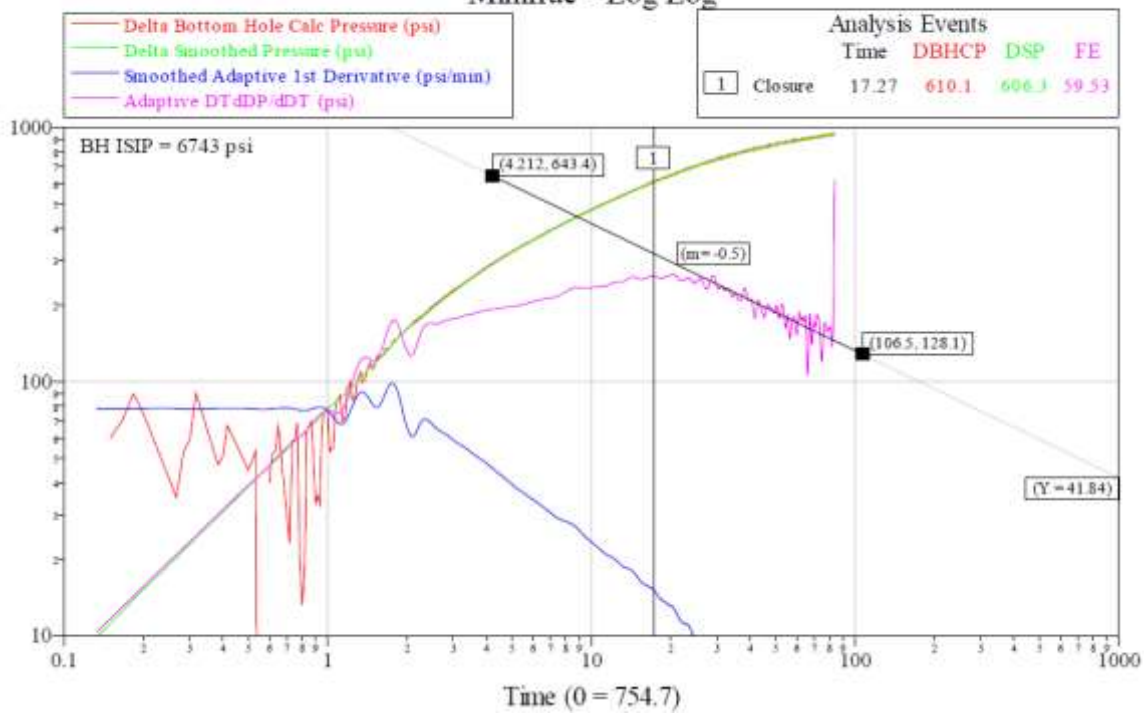


Figure 23

Preese Hall #1 Stage 5 Minifrac

ACA - Cartesian Pseudolinear

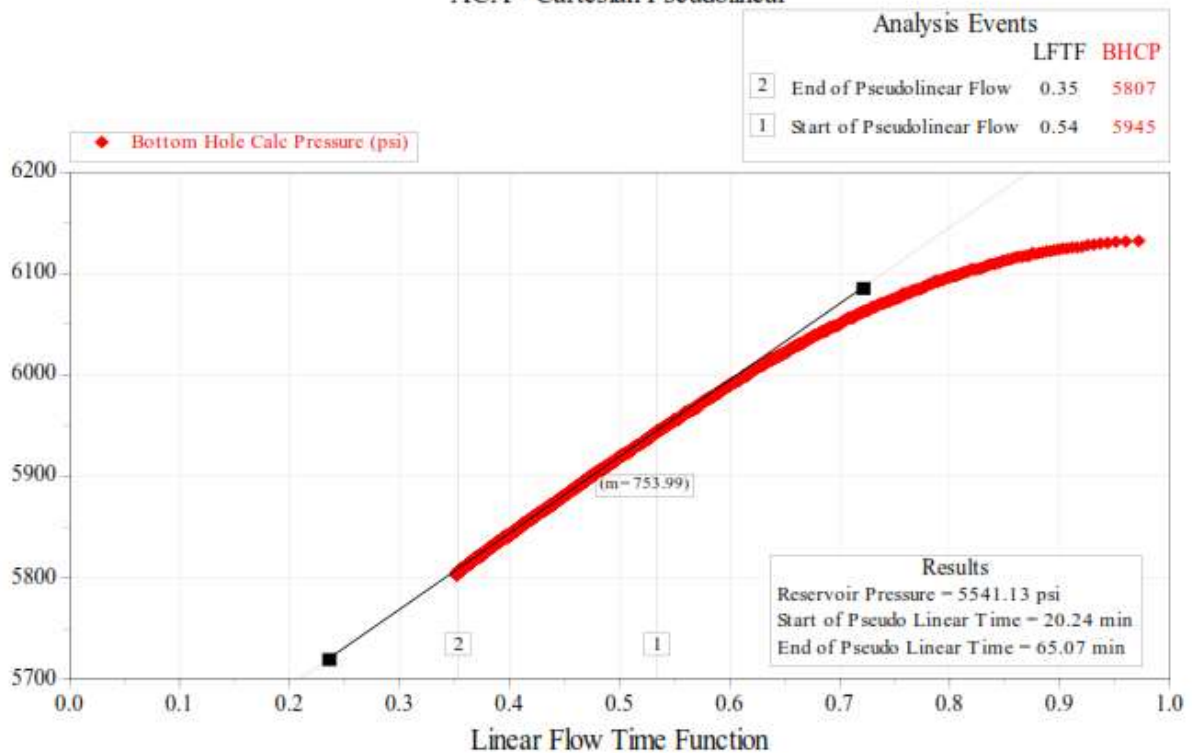


Figure 24

MAIN TREATMENT

Frac Type	Slickwater
Chemicals (per 100 gal water)	166 usg (FR-40) 1,114.5 usg (CFT 1500)
Volume injected (bbl)	9,590
Proppant	27.7 (HST80) 83.0 (CH52)

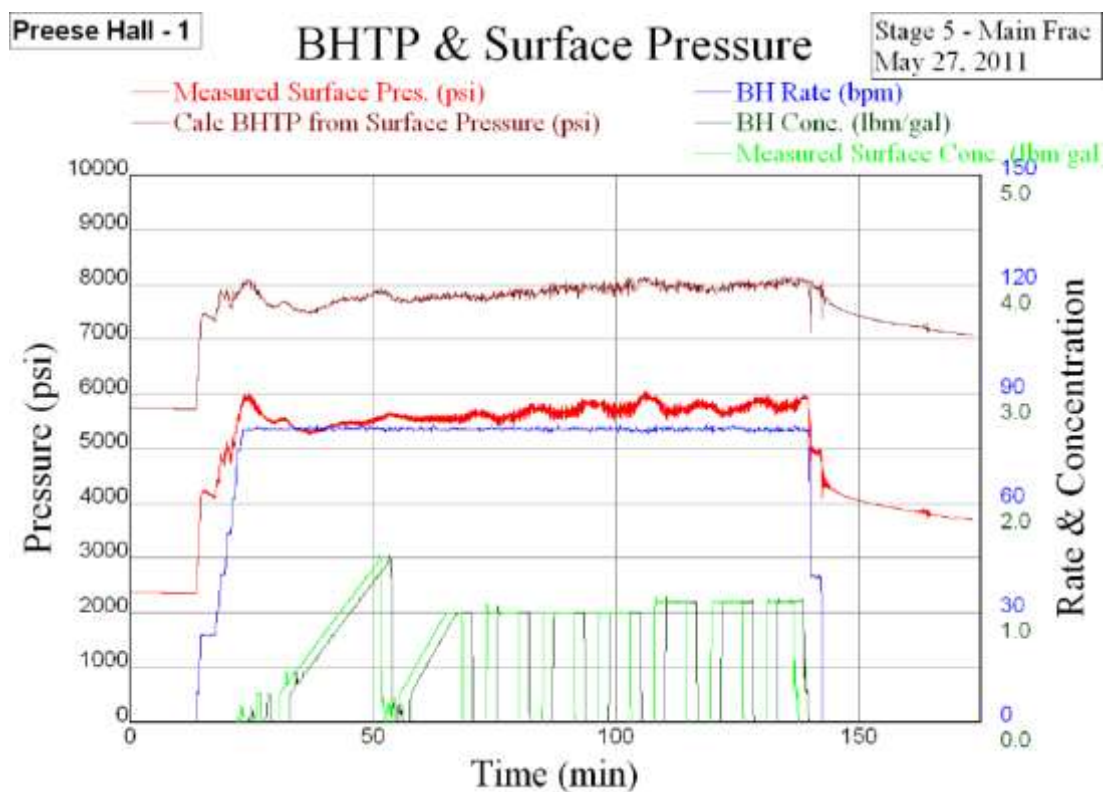


Figure 25

FLOWBACK

Flowback from 4 and 5 only, where approximately 15 days of stable gas flow at about 300 mcf/d was observed

3.3.7. STAGE SIX

OVERVIEW

Formation type	Upper Bowland Shale
Perforations	7670 – 7679 ft 7700 – 7709 ft 7780 – 7789 ft
Total Shots	81
Tracer	

MINIFRAC ANALYSIS

		Figure
Volume injected	245 bbl	
Breakdown Pressure	5,323 psi	
ISIP	4,050 psi	
Post fracture gradient	0.95 psi/ft	
Closure	No	
Flow regime	Pseudolinear	
Estimated pore pressure	-	
Estimated fracture conductivity	-	

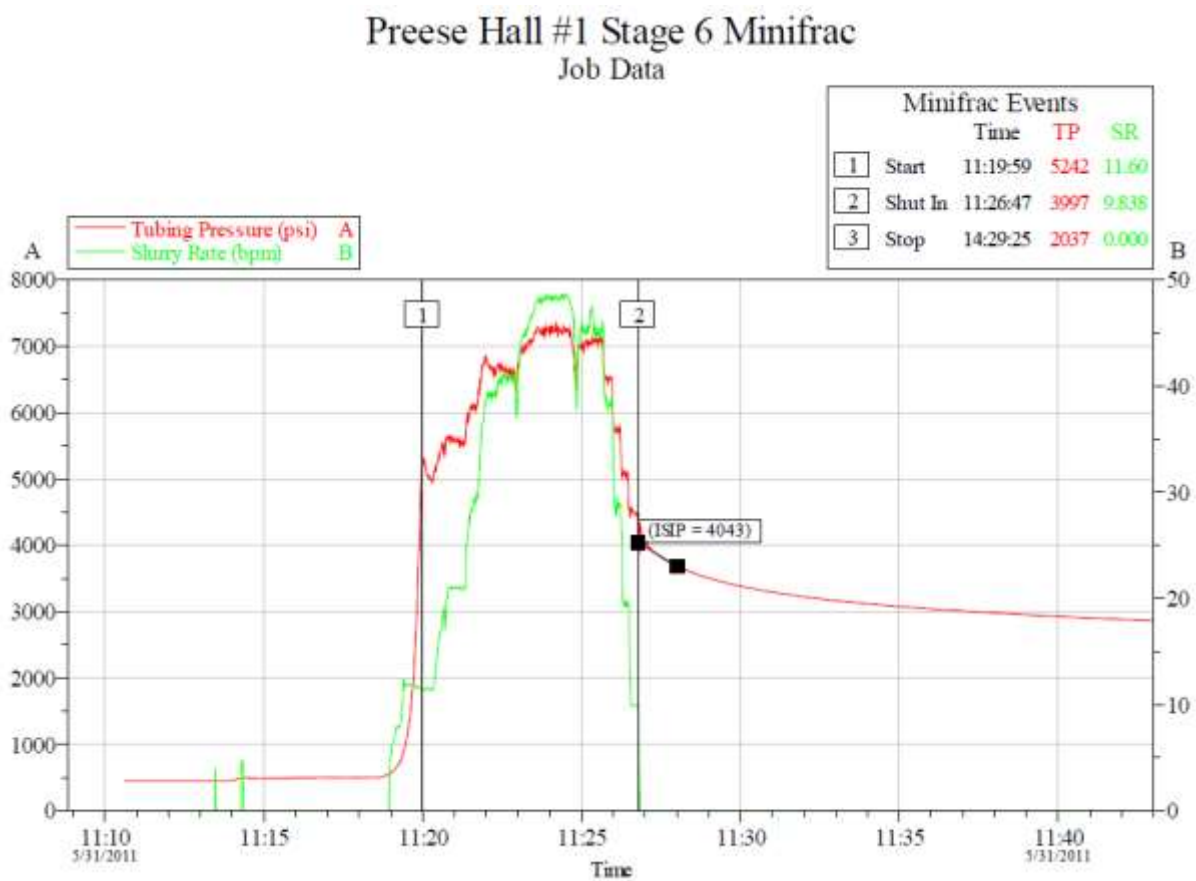


Figure 26

Preese Hall #1 Stage 6 Minifrac

Minifrac - Log Log

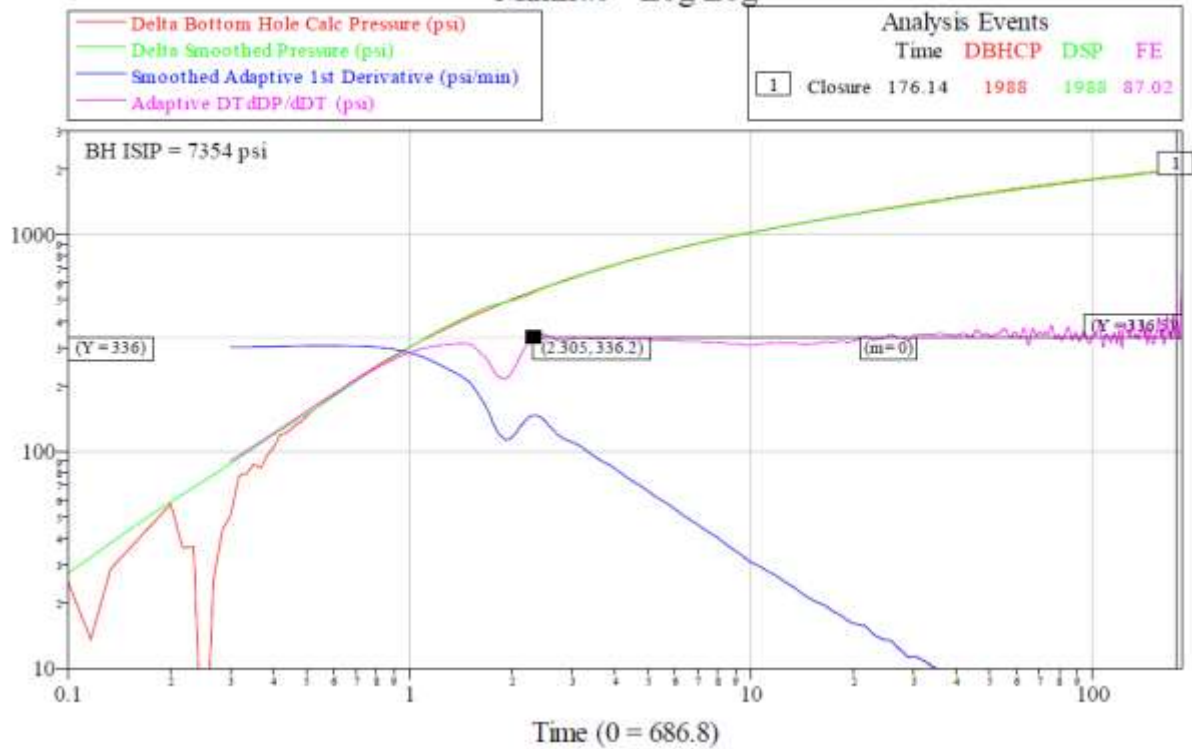


Figure 27

FLOWBACK

Flowback was then carried out from stages 2, 3, 4 and 5, again with short gas stable gas flow observed at about 250 mcf/d

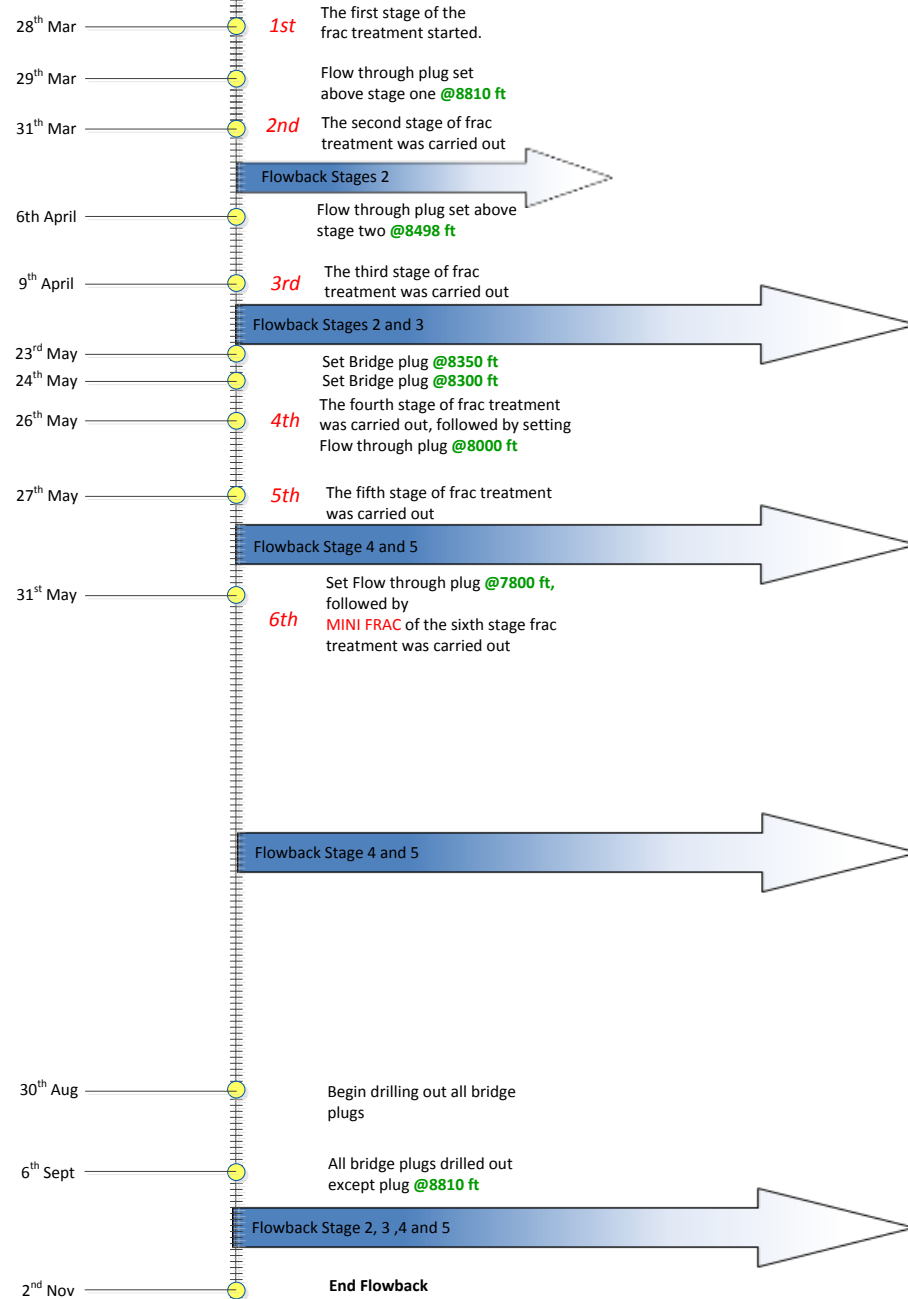
4. FLOWBACK

4.1. TIMELINE

2010

20th Dec ————— ● Preese Hall – 1 had been drilled and the rig was off the site

2011



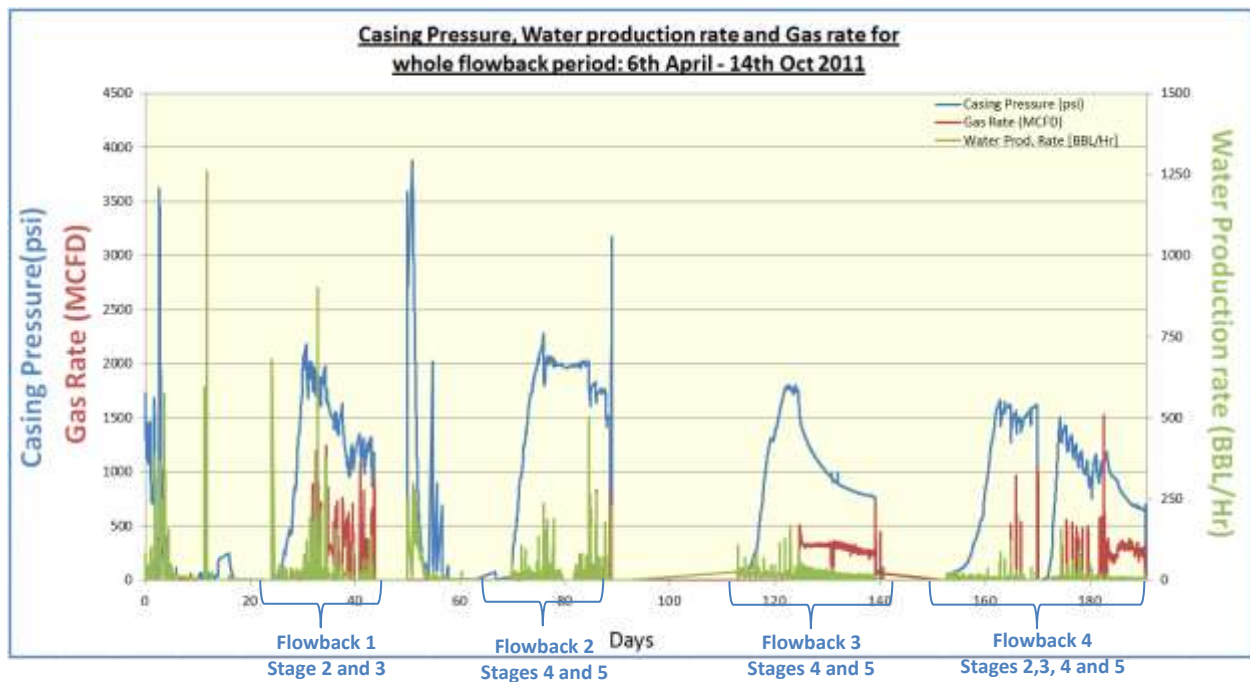


Figure 28

4.2. FLOWBACK PERIOD 1

- The first set of perfs became blocked with sand so a frac plug was set above.
- Flow during this test was from stages 2 and 3 only.

*Note: Stage 2 was a full size job (14,000 bbls) but stage 3 was only a half size job (4,500 bbls)

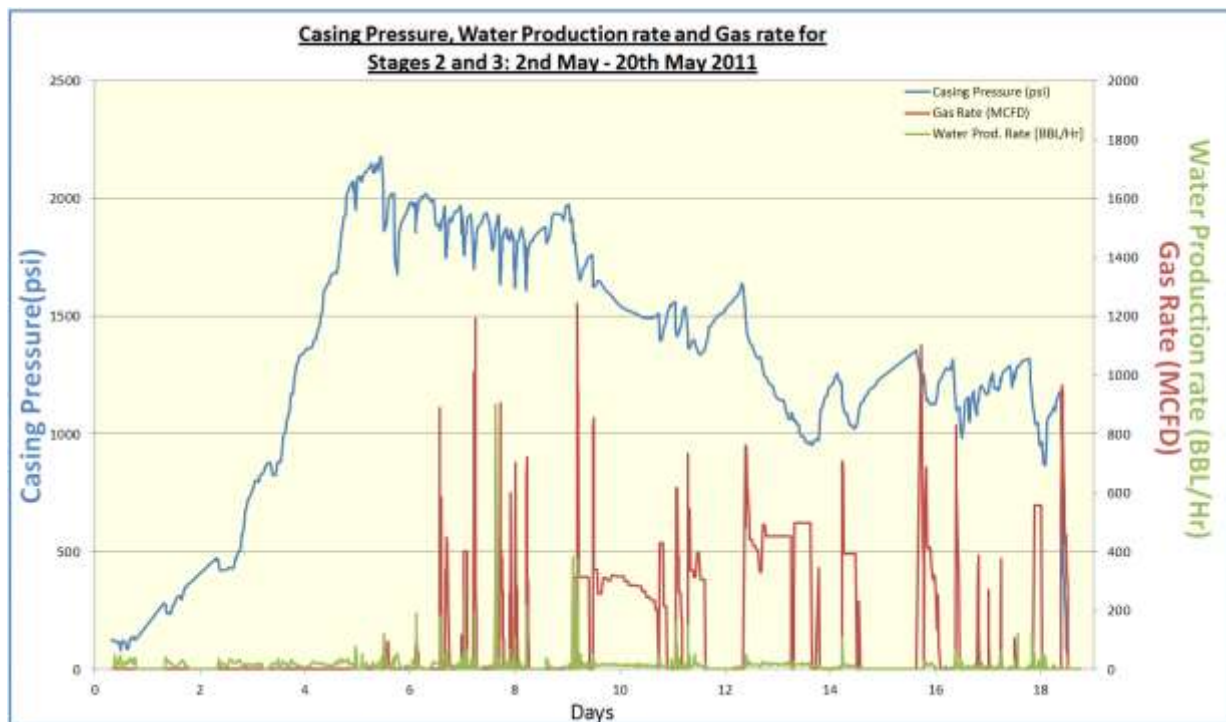


Figure 29

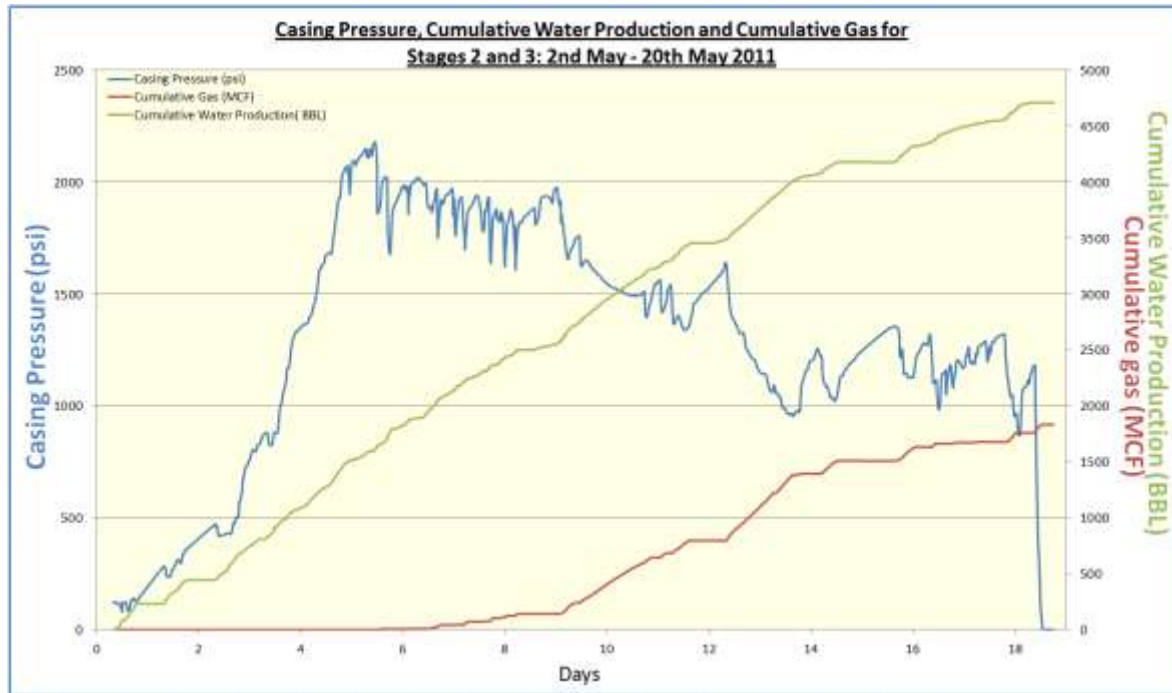


Figure 30

4.3. FLOWBACK PERIOD 2 AND 3

- Both periods flowing back from stages 4 and 5 in the Upper Bowland
- Sand was being swabbed causing the sand line to become temporarily trapped. This created the gap in the flowback shown below. Once this was resolved a stabilised flow rate was observed for about 15 days

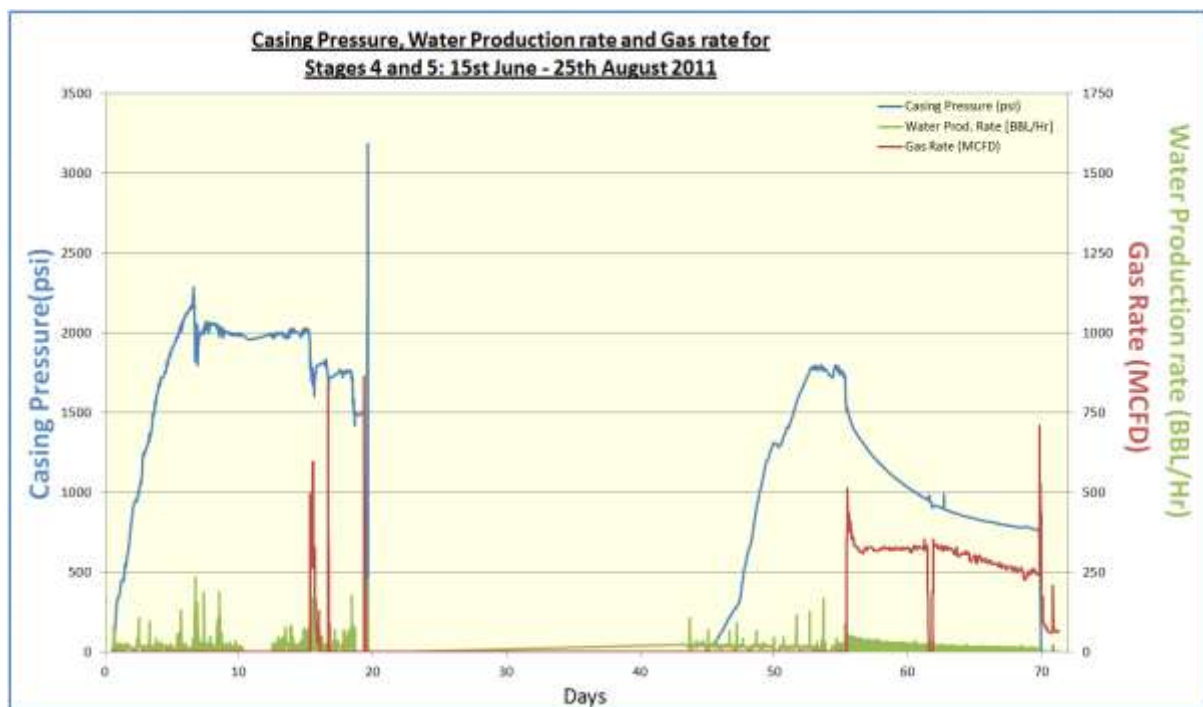


Figure 31

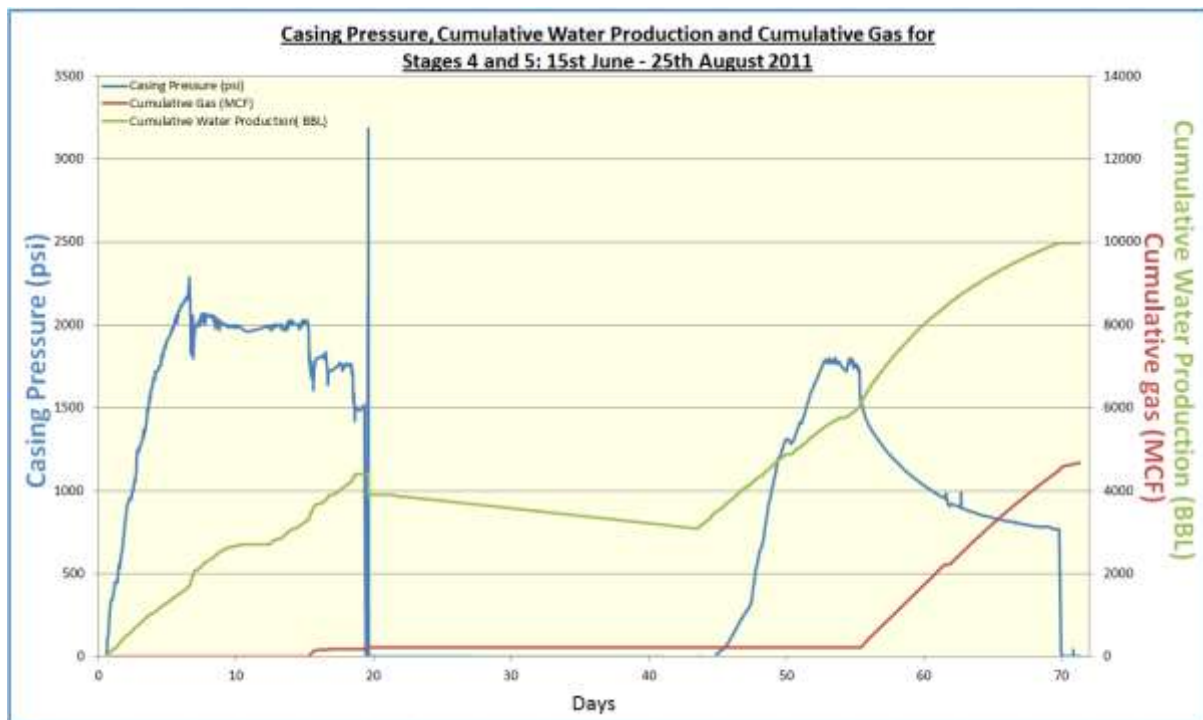


Figure 32

4.4. FLOWBACK PERIOD 2

- Stage 4 had a small earth tremor (M1.5).
- Flowback was from Stages 4 and 5 only, the initial flowback from stages 4 and 5 was swabbing sand which delayed the onset of gas.

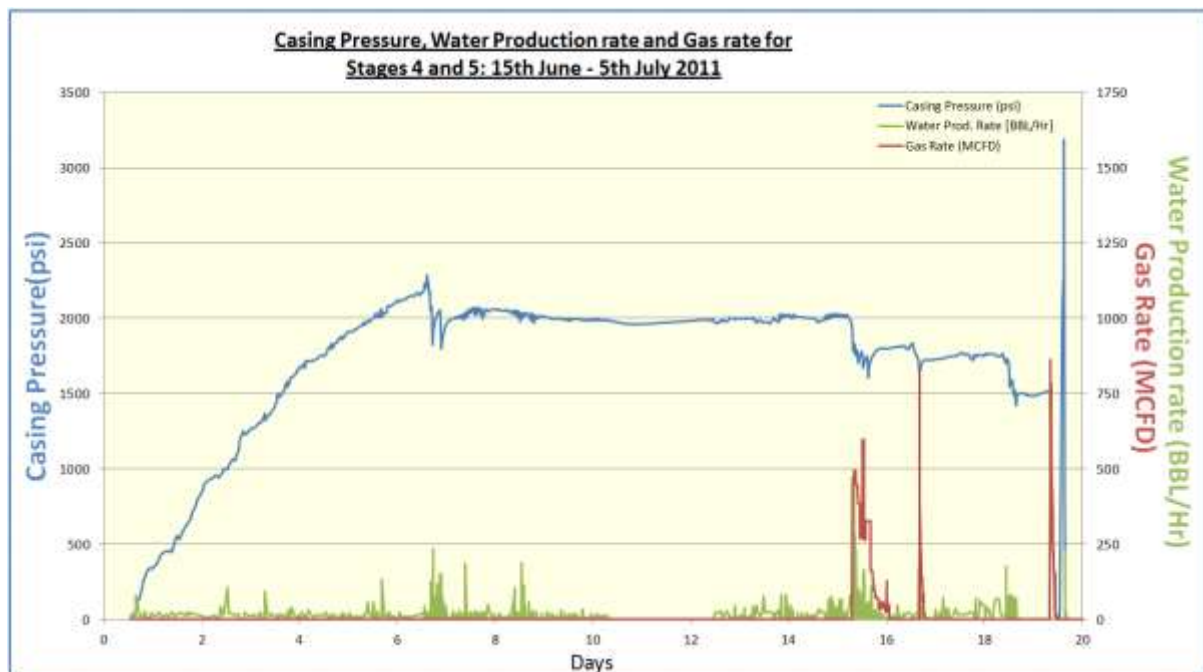


Figure 33

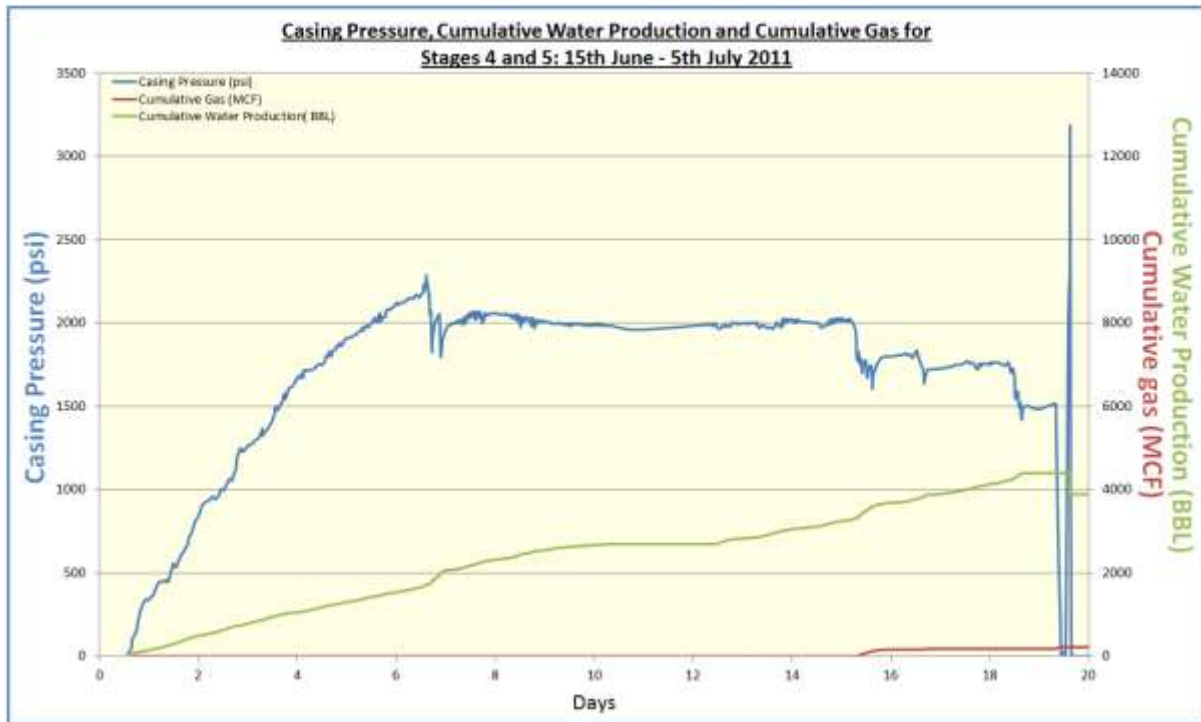


Figure 34

4.5. FLOWBACK PERIOD 3

- Flow back from Stages 4 and 5 only.

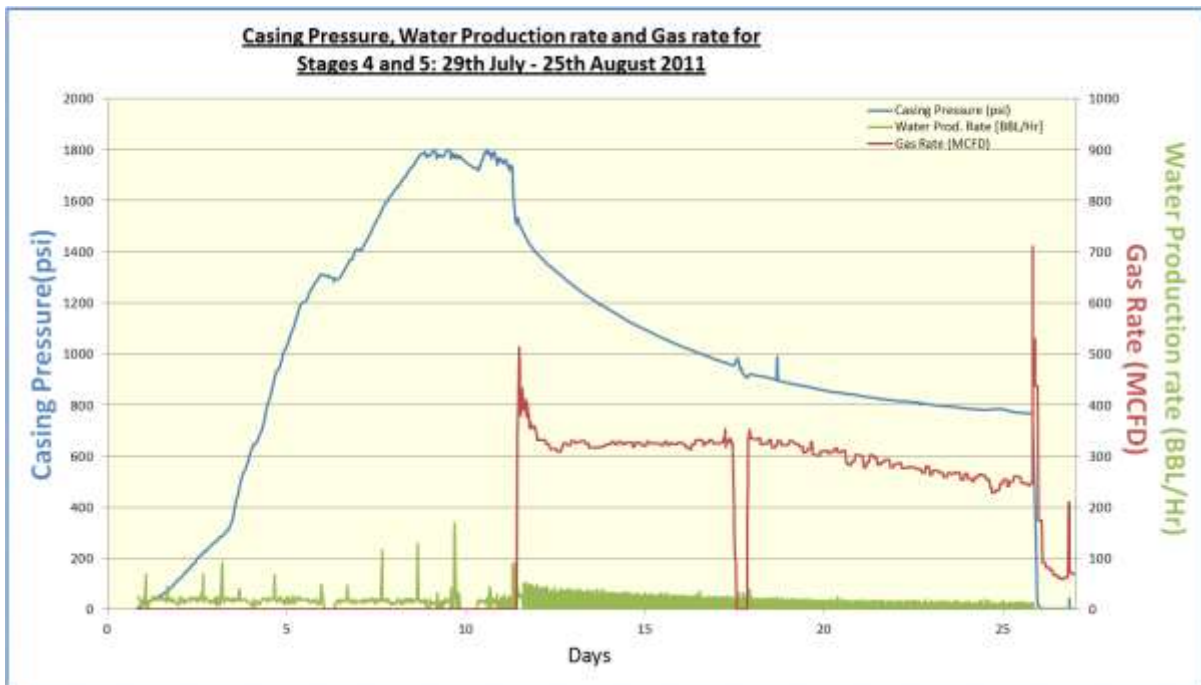


Figure 35

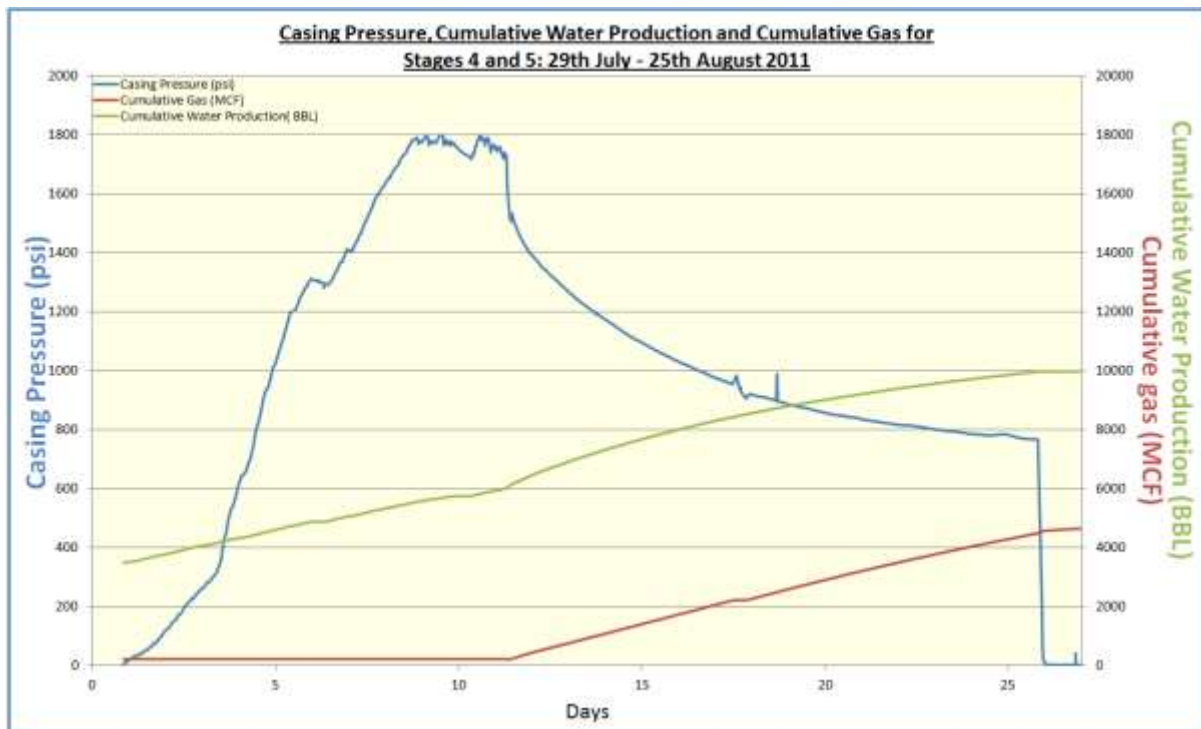


Figure 36

4.6. FLOWBACK 4

- Flow back from Stages 2, 3, 4 and 5.

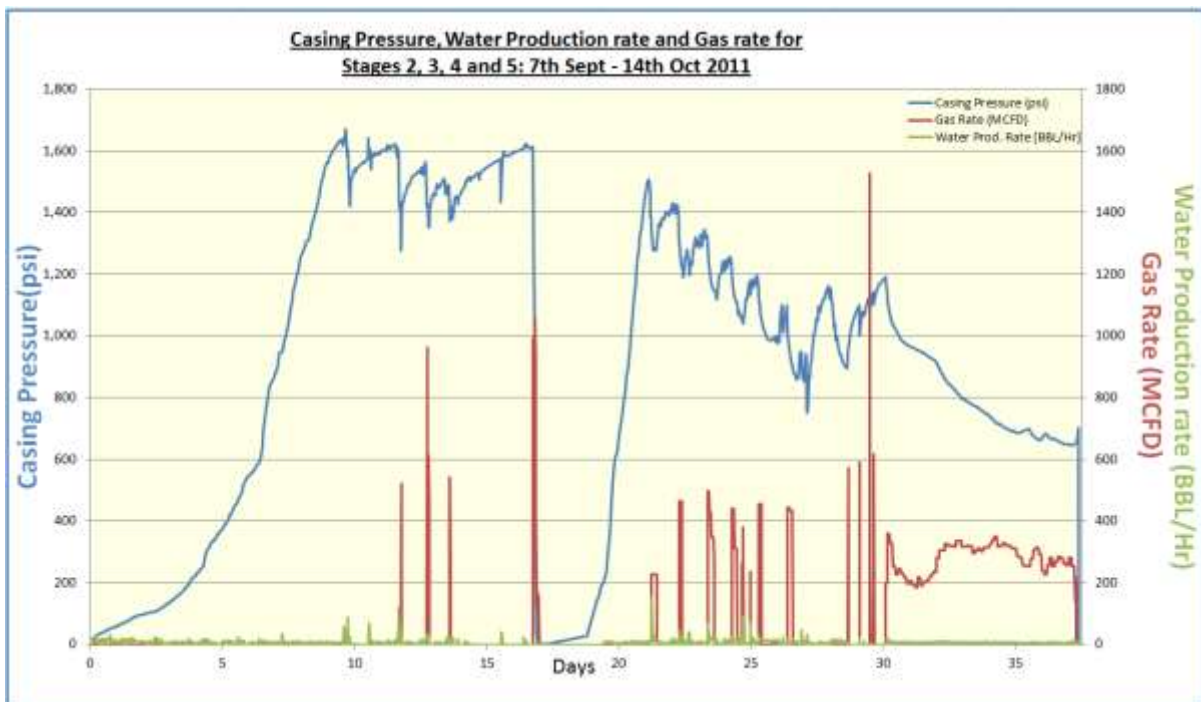


Figure 37



Figure 38

5. TEST DATA

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
0.00	0.000	1730	0	0	12	0
0.01	0.167	1468	0	9	12	0
0.02	0.417	1477	0	20	12	0
0.03	0.667	1463	0	13	12	0
0.04	0.917	1415	0	9	12	0
0.05	1.167	1403	0	8	12	0
0.06	1.417	1383	0	9	12	0
0.07	1.667	1366	0	12	12	0
0.08	1.917	1355	0	8	12	0
0.09	2.167	1339	0	13	12	0
0.10	2.417	1325	0	9	12	0
0.11	2.667	1320	0	13	12	0
0.12	2.917	1309	0	9	12	0
0.13	3.167	1294	0	8	12	0
0.14	3.417	1278	0	9	12	0
0.15	3.667	1270	0	9	12	0
0.16	3.917	1266	0	9	12	0
0.17	4.167	1248	0	13	12	0
0.18	4.417	1236	0	13	12	0
0.19	4.667	1232	0	9	12	0
0.20	4.917	1229	0	13	12	0
0.23	5.417	1220	0	25	12	0
0.25	5.917	1212	0	13	12	0
0.27	6.417	1190	0	18	12	0
0.29	6.917	1188	0	17	12	0
0.31	7.417	1170	0	13	12	0
0.33	7.917	1160	0	17	12	0
0.35	8.417	1152	0	17	12	0
0.37	8.917	1142	0	18	12	0
0.39	9.417	1139	0	11	12	0
0.41	9.917	1130	0	15	12	0
0.43	10.417	1120	0	15	12	0
0.45	10.917	1115	0	18	12	0
0.48	11.417	1105	0	22	12	0
0.50	11.917	1096	0	13	12	0
0.52	12.417	1089	0	17	12	0
0.54	12.917	1080	0	15	12	0
0.54	12.917	1080	0	0	12	0
0.54	12.950	1380	0	0		0
0.54	13.000	1409	0	0		0
0.55	13.084	1411	0	0		0

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
0.55	13.167	1420	0	0		0
0.55	13.250	1425	0	0		0
0.56	13.334	1428	0	0		0
0.57	13.584	1438	0	0		0
0.57	13.750	1443	0	0		0
0.58	13.917	1448	0	0		0
1.08	25.917	1468	0	0	20	0
1.09	26.167	925	0	22	20	0
1.10	26.417	872	0	26	20	0
1.11	26.667	851	0	26	20	0
1.12	26.917	825	0	22	20	0
1.14	27.417	799	0	44	20	0
1.16	27.917	775	0	39	20	0
1.18	28.417	745	0	39	20	0
1.20	28.917	715	0	39	20	0
1.23	29.417	820	0	27	16	0
1.25	29.917	833	0	26	16	0
1.27	30.417	825	0	33	16	0
1.29	30.917	817	0	24	16	0
1.31	31.417	809	0	22	16	0
1.33	31.917	803	0	22	16	0
1.35	32.417	793	0	27	16	0
1.37	32.917	783	0	25	16	0
1.39	33.417	775	0	24	16	0
1.41	33.917	766	0	24	16	0
1.43	34.417	760	0	22	16	0
1.45	34.917	750	0	22	16	0
1.48	35.417	745	0	22	16	0
1.50	35.917	737	0	26	16	0
1.52	36.417	728	0	22	16	0
1.54	36.917	722	0	22	16	0
1.54	36.917	722	0	0	16	0
1.56	37.417	713	0	20	16	0
1.58	37.917	708	0	22	16	0
1.60	38.417	701	0	26	16	0
1.61	38.667	697	0	9	16	0
1.61	38.700	979	0	0		0
1.61	38.750	1028	0	0		0
1.62	38.834	1038	0	0		0
1.62	38.917	1050	0	0		0
1.63	39.000	1056	0	0		0
1.63	39.084	1064	0	0		0

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
1.63	39.167	1071	0	0		0
1.63	39.167		0	0		0
1.66	39.917		0	0		0
1.74	41.667		0	0		0
1.75	41.917	1685	0	0	16	0
1.75	42.000	1444	0	0	16	0
1.75	42.084	1422	0	0	16	0
1.76	42.167	1392	0	0	16	0
1.76	42.250	1363	0	0	16	0
1.77	42.417	1282	0	42	16	0
1.79	42.917	1145	0	37	16	0
1.81	43.417	1042	0	47	16	0
1.83	43.917	977	0	26	16	0
1.85	44.417	925	0	33	16	0
1.87	44.917	905	0	33	16	0
1.89	45.334	897	0	0	12	0
1.89	45.350	932	0	0	12	0
1.89	45.417	905	0	26	12	0
1.91	45.917	954	0	22	12	0
1.93	46.417	949	0	22	12	0
1.94	46.667	947	0	0	16	0
1.95	46.917	891	0	22	16	0
1.96	47.084	881	0	0	24	0
1.97	47.167	736	0	0	24	0
1.98	47.417	684	0	53	24	0
1.99	47.750	664	0	0	28	0
2.00	47.917	584	0	39	28	0
2.02	48.417	590	0	62	28	0
2.04	48.917	544	0	57	28	0
2.06	49.417	417	0	48	32	0
2.08	49.917	383	0	52	32	0
2.10	50.417	322	0	58	32	0
2.12	50.917	299	0	48	36	0
2.14	51.417	239	0	57	36	0
2.16	51.917	151	0	57	42	0
2.18	52.417	137	0	57	42	0
2.20	52.917	125	0	48	46	0
2.23	53.417	99	0	48	48	0
2.25	53.917	83	0	53	1"	0
2.27	54.417	52	0	57	1"	0
2.29	54.917	48	0	44	1"	0
2.31	55.417	45	0	48	1"	0

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
2.33	55.917	44	0	44	1"	0
2.35	56.417	44	0	39	1"	0
2.37	56.917	42	0	35	1"	0
2.39	57.417	40	0	39	1"	0
2.41	57.917	37	0	39	1"	0
2.43	58.417	36	0	28	1"	0
2.45	58.917	35	0	29	1"	0
2.48	59.417	34	0	48	1"	0
2.50	59.917	38	0	44	1"	0
2.52	60.417	39	0	26	2"	0
2.54	60.917	25	0	23	2"	0
2.56	61.417	24	0	48	2"	0
2.58	61.917	16	0	30	2"	0
2.60	62.417	25	0	31	2"	0
2.62	62.917	28	0	26	2"	0
2.63	63.217	20	0	18	2"	0
2.70	64.917		0	0		0
2.72	65.167	3622	0	0	14	0
2.72	65.200	3557	0	0	14	0
2.72	65.234	3539	0	0	14	0
2.72	65.250	3532	0	0	14	0
2.72	65.334	3483	0	0	14	0
2.73	65.417	3439	0	26	14	0
2.73	65.584	3398	0	0	22	0
2.74	65.667	3244	0	0	22	0
2.75	65.917	3078	0	92	22	0
2.77	66.417	2662	0	105	22	0
2.79	66.917	2512	0	106	22	0
2.81	67.417	2380	0	96	22	0
2.83	67.917	2274	0	96	22	0
2.85	68.417	2148	0	92	22	0
2.87	68.917	2007	0	88	22	0
2.89	69.417	1882	0	96	22	0
2.91	69.917	1781	0	92	22	0
2.93	70.417	1683	0	74	26	0
2.93	70.417		0	0	26	0
2.95	70.917	1367	0	103	26	0
2.98	71.417	1280	0	88	26	0
3.00	71.917	1196	0	114	26	0
3.02	72.417	1108	0	79	26	0
3.02	72.417		0	0	26	0
3.04	72.917	1053	0	60	26	0

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
3.06	73.417	988	0	123	26	0
3.08	73.917	969	0	70	26	0
3.10	74.417	877	0	83	26	0
3.12	74.917	831	0	68	26	0
3.14	75.417	787	0	78	26	0
3.16	75.917	732	0	67	26	0
3.18	76.417	695	0	74	26	0
3.20	76.917	655	0	61	26	0
3.23	77.417	625	0	53	26	0
3.25	77.917	463	0	70	32	0
3.29	78.917	404	0	122	32	0
3.33	79.917	294	0	131	36	0
3.37	80.917	244	0	109	40	0
3.41	81.917	168	0	106	48	0
3.45	82.917	90	0	122	48	0
3.50	83.917	46	0	96	2"	0
3.54	84.917	40	0	83		0
3.56	85.417	605	0	0		0
3.57	85.717		0	0		0
3.58	85.917	470	0	0	28	0
3.58	86.000	331	0	0	28	0
3.59	86.084	162	0	0	48	0
3.59	86.167	95	0	0	48	0
3.59	86.250	87	0	0	48	0
3.60	86.334	82	0	0	48	0
3.60	86.417	79	0	48	48	0
3.60	86.500	75	0	0		0
3.61	86.584	457	0	0		0
3.61	86.667	525	0	0		0
3.61	86.750	556	0	0		0
3.62	86.834	574	0	0		0
3.62	86.917	597	0	0		0
3.63	87.167	624	0	0		0
3.65	87.500	656	0	0		0
3.65	87.667	667	0	0		0
3.66	87.917	686	0	0		0
3.67	88.000	689	0	0		0
3.68	88.417	520	0	0		0
3.69	88.667	522	0	0		0
3.69	88.667		0	0		0
3.69	88.667		0	0		0
3.70	88.834	475	0	0	32	0

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
3.70	88.917	247	0	26	48	0
3.73	89.417	75	0	43	48	0
3.73	89.417		0	0	48	0
3.73	89.417		0	0	48	0
3.74	89.750	65	0	0	2"	0
3.75	89.917	35	0	56	2"	0
3.77	90.417	30	0	44	2"	0
3.79	90.917	28	0	35	2"	0
3.83	91.917	23	0	52	2"	0
3.85	92.417	22	0	56		0
3.87	92.917	23	0	39		0
3.91	93.917	21	0	57		0
3.95	94.917	18	0	53		0
3.97	95.167	17	0	9		0
3.97	95.200	108	0	0		0
3.97	95.284	220	0	0		0
3.97	95.334	250	0	0		0
3.98	95.417	282	0	0		0
3.98	95.500	297	0	0		0
3.98	95.584	312	0	0		0
3.99	95.667	325	0	0		0
3.99	95.750	337	0	0		0
3.99	95.834	347	0	0		0
4.00	95.917	357	0	0		0
4.00	96.000	365	0	0		0
4.00	96.084	373	0	0		0
4.01	96.167	381	0	0		0
4.01	96.250	388	0	0		0
4.01	96.334	396	0	0		0
4.02	96.417	402	0	0		0
4.02	96.467	400	0	0		0
4.02	96.484	350	0	0		0
4.02	96.500	306	0	0		0
4.02	96.517	298	0	0		0
4.02	96.534	313	0	0		0
4.02	96.550	322	0	0		0
4.02	96.567	327	0	0		0
4.02	96.584	326	0	0		0
4.03	96.834	322	0	0		0
4.05	97.084	321	0	0		0
4.05	97.117	321	0	0		0
4.05	97.167	175	0	0	32	0

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
4.06	97.417	80	0	22	2"	0
4.08	97.917	19	0	40	2"	0
4.12	98.917	17	0	52	2"	0
4.16	99.917	15	0	44	2"	0
4.20	100.917	11	0	49	2"	0
4.25	101.917	11	0	48	2"	0
4.29	102.917	9	0	35	2"	0
4.33	103.917	8	0	44	2"	0
4.37	104.917	8	0	26	2"	0
4.38	105.000	122	0	0		0
4.38	105.084	164	0	0		0
4.38	105.167	165	0	0		0
4.39	105.250	174	0	0		0
4.39	105.334	180	0	0		0
4.39	105.417	189	0	0		0
4.40	105.584	200	0	0		0
4.41	105.750	241	0	0		0
4.41	105.917	263	0	0		0
4.42	106.167	291	0	0		0
4.43	106.417	295	0	0	14	0
4.44	106.500	229	0	0	14	0
4.44	106.584	201	0	0	14	0
4.44	106.667	186	0	0	14	0
4.45	106.750	165	0	0	14	0
4.45	106.834	163	0	0	14	0
4.45	106.917	162	0	0	14	0
4.46	107.000	161	0	0	14	0
4.46	107.084	160	0	0	14	0
4.47	107.167	158	0	0	14	0
4.47	107.250	156	0	0	14	0
4.47	107.334	152	0	0	14	0
4.48	107.417	148	0	13	20	0
4.50	107.917	58	0	5	2"	0
4.54	108.917	9	0	56	2"	0
4.58	109.917	8	0	35	2"	0
4.62	110.917	6	0	31	2"	0
4.66	111.917	8	0	39	2"	0
4.70	112.917	7	0	26	2"	0
4.73	113.417	7	0	13	2"	0
4.75	113.917	7	0	13	2"	0
4.79	114.917	6	0	31	2"	0
4.83	115.917	6	0	18	2"	0

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
4.87	116.917	6	0	26	2"	0
4.87	116.917		0	0	2"	0
4.89	117.417	135	0	0	2"	0
4.91	117.917	6	0	13	2"	0
4.95	118.917	5	0	22	2"	0
4.98	119.417	5	0	9	2"	0
5.00	119.917	5	0	17	2"	0
5.01	120.167		0	0	2"	0
5.01	120.167		0	0	2"	0
5.04	120.917	4	0	17	2"	0
5.08	121.917	4	0	22	2"	0
5.12	122.917	4	0	13	2"	0
5.16	123.917	4	0	22	2"	0
5.20	124.917	4	0	17	2"	0
5.25	125.917	4	0	18	2"	0
5.29	126.917	4	0	17	2"	0
5.33	127.917	4	0	22	2"	0
5.37	128.917	4	0	14	2"	0
5.41	129.917	4	0	17	2"	0
5.45	130.917	4	0	18	2"	0
5.50	131.917	3	0	17	2"	0
5.54	132.917	3	0	18	2"	0
5.58	133.917	3	0	13	2"	0
5.62	134.917	3	0	13	2"	0
5.66	135.917	3	0	13	2"	0
5.70	136.917	3	0	13	2"	0
5.73	137.417	3	0	8	2"	0
5.75	137.917	3	0	5	2"	0
5.79	138.917	3	0	13	2"	0
5.80	139.167	3	0	0	2"	0
5.83	139.834	114	0	0	2"	0
5.83	139.917	4	0	2	2"	0
5.87	140.917	3	0	19	2"	0
5.91	141.917	3	0	13	2"	0
5.95	142.917	3	0	22	2"	0
6.00	143.917	3	0	13	2"	0
6.04	144.917	3	0	8	2"	0
6.08	145.917	2	0	9	2"	0
6.12	146.917	3	0	13	2"	0
6.16	147.917	3	0	14	2"	0
6.20	148.917	3	0	8	2"	0
6.25	149.917	3	0	13	2"	0

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
6.29	150.917	2	0	9	2"	0
6.33	151.917	3	0	9	2"	0
6.37	152.917	2	0	13	2"	0
6.41	153.917	3	0	14	2"	0
6.45	154.917	2	0	5	2"	0
6.50	155.917	3	0	11	2"	0
6.54	156.917	3	0	13	2"	0
6.58	157.917	3	0	13	2"	0
6.62	158.917	2	0	9	2"	0
6.66	159.917	2	0	8	2"	0
6.70	160.917	2	0	9	2"	0
6.75	161.917	2	0	9	2"	0
6.79	162.917	2	0	9	2"	0
6.83	163.917	2	0	9	2"	0
6.87	164.917	2	0	9	2"	0
6.91	165.917	2	0	9	2"	0
6.95	166.917	2	0	13	2"	0
7.00	167.917	3	0	9	2"	0
7.04	168.917	2	0	9	2"	0
7.08	169.917	2	0	9	2"	0
7.12	170.917	2	0	9	2"	0
7.16	171.917	2	0	9	2"	0
7.20	172.917	1	0	9	2"	0
7.25	173.917	2	0	9	2"	0
7.29	174.917	2	0	9	2"	0
7.33	175.917	2	0	9	2"	0
7.37	176.917	1	0	4	2"	0
7.41	177.917	1	0	4	2"	0
7.45	178.917	1	0	4	2"	0
7.50	179.917	2	0	9	2"	0
7.54	180.917	2	0	9	2"	0
7.58	181.917	3	0	4	2"	0
7.62	182.917	2	0	13	2"	0
7.66	183.917	2	0	9	2"	0
7.70	184.917	3	0	5	2"	0
7.75	185.917	3	0	9	2"	0
7.79	186.917	3	0	5	2"	0
7.83	187.917	2	0	8	2"	0
7.87	188.917	2	0	5	2"	0
7.91	189.917	2	0	8	2"	0
7.95	190.917	2	0	9	2"	0
8.00	191.917	2	0	9	2"	0

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
8.04	192.917	2	0	4	2"	0
8.08	193.917	2	0	4	2"	0
8.12	194.917	2	0	4	2"	0
8.16	195.917	2	0	4	2"	0
8.20	196.917	2	0	9	2"	0
8.25	197.917	2	0	9	2"	0
8.29	198.917	2	0	9	2"	0
8.33	199.917	2	0	9	2"	0
8.37	200.917	2	0	4	2"	0
8.41	201.917	2	0	4	2"	0
8.45	202.917	2	0	4	2"	0
8.50	203.917	2	0	4	2"	0
8.54	204.917	2	0	9	2"	0
8.58	205.917	2	0	4	2"	0
8.62	206.917	62	0	0	2"	0
8.66	207.917	3	0	5	2"	0
8.70	208.917	3	0	4	2"	0
8.75	209.917	2	0	9	2"	0
8.79	210.917	2	0	9	2"	0
8.83	211.917	2	0	9	2"	0
8.87	212.917	2	0	9	2"	0
8.91	213.917	2	0	4	2"	0
8.95	214.917	2	0	5	2"	0
9.00	215.917	2	0	4	2"	0
9.04	216.917	2	0	4	2"	0
9.08	217.917	2	0	4	2"	0
9.12	218.917	2	0	4	2"	0
9.16	219.917	2	0	4	2"	0
9.20	220.917	2	0	9	2"	0
9.25	221.917	2	0	4	2"	0
9.29	222.917	2	0	4	2"	0
9.33	223.917	2	0	4	2"	0
9.37	224.917	3	0	4	2"	0
9.41	225.917	2	0	6	2"	0
9.45	226.917	2	0	6	2"	0
9.50	227.917	2	0	4	2"	0
9.54	228.917	1	0	4	2"	0
9.58	229.917	3	0	5	2"	0
9.62	230.917	2	0	4	2"	0
9.66	231.917	2	0	4	2"	0
9.70	232.917	3	0	5	2"	0
9.75	233.917	2	0	8	2"	0

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
9.79	234.917	2	0	5	2"	0
9.83	235.917	1	0	4	2"	0
9.87	236.917	2	0	5	2"	0
9.91	237.917	2	0	4	2"	0
9.95	238.917	2	0	5	2"	0
10.00	239.917	2	0	5	2"	0
10.04	240.917	3	0	4	2"	0
10.08	241.917	2	0	4	2"	0
10.10	242.500	2	0	2	2"	0
10.13	243.167		0	0	2"	0
10.15	243.500		0	0	2"	0
10.26	246.250	20	0	0	2"	0
10.29	246.917	55	0	0	2"	0
10.33	247.917	18	0	0	2"	0
10.37	248.917	70	0	0	2"	0
10.41	249.917	70	0	0	2"	0
10.45	250.917	40	0	0	2"	0
10.46	251.084	20	0	0	2	0
10.50	251.917	20	0	0		0
10.54	252.917	15	0	0		0
10.54	252.917	15	0	0		0
10.54	252.917		0	0		0
10.60	254.334	60	0	0		0
10.66	255.917	15	0	0		0
10.70	256.917	24	0	0		0
10.75	257.917	62	0	0		0
10.76	258.167	62	0	0		0
10.76	258.167		0	0		0
10.79	258.917	55	0	0		0
10.83	259.917	54	0	0		0
10.86	260.584	52	0	0		0
10.87	260.917	44	0	0		0
10.88	261.200	36	0	0		0
10.91	261.917	36	0	0		0
10.94	262.517	18	0	0		0
10.94	262.517		0	0		0
10.98	263.417		0	0		0
11.03	264.834		0	0		0
11.07	265.667		0	0		0
11.08	265.917		0	0		0
11.17	268.084	65	0	0		0
11.20	268.917	2	0	0		0

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
11.22	269.167	2	0	0		0
11.27	270.417	256	0	0		0
11.27	270.584	250	0	0		0
11.28	270.667	57	0	0		0
11.29	270.917	37	0	149		0
11.33	271.917	26	0	35		0
11.35	272.417	315	0	0		0
11.37	272.917	136	0	109.4		0
11.41	273.917	418	0	114		0
11.44	274.584		0	0		0
11.45	274.917	208	0	126.9		0
11.47	275.167		0	0		0
11.47	275.334		0	0		0
11.48	275.417	20	0	0		0
11.49	275.667	11	68.24491976	0		0
11.50	275.917	10.6	61.55522744	0		60
11.51	276.167	9.8	60.40991386	0		60
11.52	276.417	8.5	52.99356114	0		60
11.53	276.667	8.3	50.0347563	0		60
11.54	276.917	6.9	43.57623519	0		60
11.56	277.417	3.4	29.44879849	0		60
11.58	277.917	2.4	22.64769518	0		60
11.60	278.417	1.7	17.10182583	0		60
11.62	278.917	1	13.75359167	0		60
11.64	279.417	0.8	9.650158297	0		60
11.66	279.917	0	0	0	2"	60
11.70	280.917	0	0	0	2"	0
11.73	281.417	0	0	0	2"	0
11.78	282.750	14	0	0	2"	0
11.79	282.917	40	0	13	2"	0
11.81	283.334		0	0		0
11.81	283.417	484	0	105		0
11.82	283.667	120	0	0		0
11.82	283.667	120	0	0		0
11.83	283.917	55	0	0		0
11.85	284.417	2	0	0		0
11.87	284.917	0	0	0		0
11.91	285.917	0	0	0		0
11.92	286.167	0	0	0		0
11.95	286.917	0	0	0		0
11.98	287.417	0	0	0		0
12.00	287.917	0	0	0		0

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
12.02	288.417	5	0	0		0
12.04	288.917	2	0	0		0
12.05	289.167	40	0	0		0
12.08	289.917	58	0	0		0
12.12	290.917	40	0	0		0
12.16	291.917	47	0	0		0
12.20	292.917	49	0	0		0
12.25	293.917	57	0	0		0
12.29	294.917	3	0	0		0
12.33	295.917	3	0	0		0
12.51	300.200	23	0	0		0
12.52	300.417	2	0	0		0
12.54	300.917	2	0	9		0
12.58	301.917	2	0	5		0
12.62	302.917	3	0	2		0
12.66	303.917	3	0	2		0
12.68	304.417		0	0		0
12.70	304.917	5	0	13		0
12.75	305.917	10	0	22		0
12.77	306.484	14	0	0		0
12.78	306.750	21	0	0		0
12.79	306.917	28	0	0		0
12.81	307.334	50	0	0		0
12.83	307.917	35	0	0		0
12.84	308.067	36	0	0		0
12.87	308.917	31	0	0		0
12.88	309.084	31	0	0		0
12.89	309.417	25	0	0		0
12.91	309.917	9	0	0		0
12.95	310.917	1	0	0		0
12.96	311.117		0	0		0
12.98	311.584	20	0	0		0
13.00	311.917	5	0	0		0
13.04	312.917	5	0	0		0
13.08	313.917	28	0	0		0
13.12	314.917	33	0	0		0
13.14	315.417		0	0		0
13.16	315.917	27	0	0		0
13.20	316.917	8	0	0		0
13.25	317.917	7	0	0		0
13.27	318.417		0	0		0
13.30	319.250		0	0		0

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
13.33	319.917	3	0	0		0
13.37	320.917	5	0	0		0
13.40	321.667		0	0		0
13.41	321.917	35	0	0		0
13.45	322.917	44	0	0		0
13.50	323.917	39	0	0		0
13.54	324.917	38	0	0		0
13.58	325.917	36	0	0		0
13.62	326.917	44	0	0		0
13.66	327.917	39	0	0		0
13.68	328.417	39	0	0		0
13.70	328.917	37	0	0		0
13.75	329.917	36	0	0		0
13.79	330.917	38	0	0		0
13.83	331.917	42	0	0		0
13.87	332.917	158	0	0		0
13.91	333.917	167	0	0		0
13.95	334.917	161	0	0		0
13.96	335.034	161	0	0		0
13.98	335.550	191	0	0		0
14.00	335.917	192	0	0		0
14.04	336.917	193	0	0		0
15.85	380.317	245	0	0		0
15.87	380.817	245	0	0		0
15.96	383.134	250	0	0		0
15.98	383.417	240	0	0		0
15.99	383.667	214	0	4		0
16.00	383.917	207	0	2		0
16.02	384.417	196	0	5		0
16.04	384.917	196	0	2	10	0
16.06	385.417	195	0	4	10	0
16.08	385.917	188	0	3	10	0
16.10	386.417	183	0	3	10	0
16.12	386.917	179	0	2	10	0
16.14	387.417	166	0	3	11	0
16.16	387.917	151	0	2	11	0
16.18	388.417	139	0	4	11	0
16.20	388.917	132	0	8	11	0
16.23	389.417	128	0	5	10	0
16.25	389.917	123	0	4	10	0
16.27	390.417	118	0	5	10	0
16.29	390.917	113	0	3	10	0

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
16.33	391.917	107	0	5	10	0
16.37	392.917	94	0	7	11	0
16.41	393.917	87	0	7	11	0
16.45	394.917	79	0	7	11	0
16.50	395.917	73	0	5	11	0
16.54	396.917	63	0	7	11	0
16.58	397.917	53	0	7	11	0
16.62	398.917	46	0	5	11	0
16.66	399.917	40	0	4		0
16.70	400.917	37	0	6		0
16.75	401.917	33	0	4		0
16.79	402.917	26	0	2		0
16.83	403.917	19	0	5		0
16.87	404.917	17	0	7		0
16.91	405.917	14	0	2		0
16.95	406.917	11	0	4		0
17.00	407.917	10	0	4		0
17.04	408.917	11	0	3		0
17.08	409.917	10	0	2		0
17.12	410.917	2	0	4		0
17.16	411.917	2	0	4		0
17.20	412.917	3	0	5		0
17.25	413.917	2	0	1		0
17.29	414.917	3	0	1		0
17.33	415.917	3	0	2		0
17.37	416.917	3	0	2		0
17.41	417.917	3	0	1		0
17.45	418.917	3	0	1		0
17.50	419.917	3	0	1		0
17.54	420.917	3	0	1		0
17.58	421.917	3	0	2		0
17.62	422.917	3	0	2		0
17.66	423.917	3	0	1		0
17.70	424.917	3	0	1		0
17.75	425.917	3	0	1		0
17.79	426.917	2	0	1		0
17.83	427.917	4	0	1		0
17.87	428.917	3	0	1		0
17.91	429.917	2	0	1		0
17.95	430.917	2	0	1		0
18.00	431.917	2	0	0		0
18.04	432.917	2	0	1		0

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
18.08	433.917	3	0	0		0
18.12	434.917	3	0	0		0
18.16	435.917	3	0	0		0
18.20	436.917	3	0	1		0
18.25	437.917	3	0	0		0
18.29	438.917	2	0	2		0
18.33	439.917	3	0	1		0
18.37	440.917	2	0	1		0
18.41	441.917	3	0	2		0
18.45	442.917	3	0	0		0
18.50	443.917	3	0	0		0
18.54	444.917	2	0	0		0
18.58	445.917	2	0	2		0
18.62	446.917	2	0	2		0
18.66	447.917	2	0	0		0
18.70	448.917	2	0	1		0
18.75	449.917	2	0	1		0
18.79	450.917	3	0	1		0
18.83	451.917	3	0	1		0
18.87	452.917	2	0	1		0
18.91	453.917	3	0	0		0
18.95	454.917	4	0	2		0
19.00	455.917	3	0	1		0
19.04	456.917	3	0	1		0
19.08	457.917	3	0	0		0
19.12	458.917	4	0	1		0
19.16	459.917	3	0	1		0
19.20	460.917	3	0	1		0
19.25	461.917	3	0	1		0
19.29	462.917	3	0	1		0
19.33	463.917	3	0	1		0
19.37	464.917	2	0	1		0
19.41	465.917	3	0	0		0
19.45	466.917	2	0	0		0
19.50	467.917	3	0	1		0
19.54	468.917	3	0	1		0
19.58	469.917	2	0	1		0
19.62	470.917	2	0	1		0
19.65	471.584	2	0	0		0
19.66	471.917	2	0	1		0
19.70	472.917	2	0	1		0
19.75	473.917	2	0	0		0

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
19.79	474.917	2	0	0		0
19.83	475.917	2	0	0		0
19.87	476.917	1	0	0		0
19.91	477.917	1	0	0		0
19.95	478.917	1	0	0		0
20.00	479.917	1	0	3		0
20.02	480.417	1	0	0		0
20.04	480.917	2	0	0		0
20.08	481.917	3	0	1		0
20.12	482.917	3	0	0		0
20.16	483.917	3	0	1		0
20.20	484.917	3	0	0		0
20.25	485.917	4	0	1		0
20.29	486.917	3	0	1		0
20.33	487.917	2	0	0		0
20.37	488.917	3	0	1		0
20.41	489.917	3	0	1		0
20.45	490.917	4	0	0		0
20.50	491.917	3	0	1		0
20.54	492.917	3	0	0		0
20.58	493.917	3	0	1		0
20.60	494.417		0	0		0
20.62	494.917		0	0		
20.70	496.917		0	0		
20.75	497.917		0	0		
20.79	498.917		0	0		
20.83	499.917		0	0		
20.87	500.917		0	0		
20.91	501.917		0	0		
20.95	502.917		0	0		
21.00	503.917		0	0		
21.04	504.917		0	4		
21.05	505.250	2	0	0		
21.08	505.917	0	0	2		
21.12	506.917	0	0	0		
21.16	507.917	0	0	0		
21.20	508.917	0	0	0		
21.25	509.917	0	0	0		
21.29	510.917	0	0	0		
21.33	511.917	0	0	0		
21.37	512.917	0	0	0		
21.41	513.917	0	0	0		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
21.45	514.917	0	0	0		
21.50	515.917	0	0	0		
21.54	516.917	0	0	0		
21.58	517.917	0	0	0		
21.62	518.917	0	0	0		
21.66	519.917	0	0	0		
21.70	520.917	0	0	0		
21.75	521.917	0	0	0		
21.79	522.917	0	0	0		
21.83	523.917	0	0	0		
21.87	524.917	0	0	0		
21.91	525.917	0	0	0		
21.95	526.917	0	0	0		
22.00	527.917	0	0	0		
22.04	528.917	0	0	0		
22.08	529.917	0	0	0		
22.12	530.917	0	0	0		
22.16	531.917	0	0	4		
22.20	532.917	0	0	1		
22.25	533.917	0	0	1		
22.29	534.917	0	0	1		
22.33	535.917	0	0	2		
22.37	536.917	0	0	2		
22.41	537.917	0	0	0		
22.45	538.917	0	0	2		
22.50	539.917	0	0	2		
22.54	540.917	0	0	0		
22.58	541.917	0	0	0		
22.62	542.917	0	0	0		
22.66	543.917	0	0	0		
22.70	544.917	0	0	0		
22.75	545.917	0	0	0		
22.79	546.917	0	0	0		
22.83	547.917	0	0	0		
22.87	548.917	0	0	0		
22.91	549.917	0	0	0		
22.95	550.917	0	0	0		
23.00	551.917	0	0	0		
23.04	552.917	0	0	0		
23.08	553.917	0	0	0		
23.12	554.917	0	0	0		
23.16	555.917	0	0	0		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
23.20	556.917	0	0	0		
23.25	557.917	0	0	0		
23.29	558.917	0	0	0		
23.33	559.917	0	0	0		
23.37	560.917	0	0	0		
23.41	561.917	0	0	0		
23.45	562.917	0	0	0		
23.50	563.917	0	0	0		
23.54	564.917	0	0	0		
23.58	565.917	0	0	0		
23.62	566.917	0	0	0		
23.66	567.917	0	0	0		
23.70	568.917	0	0	0		
23.74	569.667	0	0	0		
23.74	569.750	0	0	0		
23.75	570.000	0	0	0		
23.75	570.117	0	0	0		
23.77	570.417	0	0	0		
23.78	570.750	0	0	0		
23.80	571.217	0	0	0		
23.83	571.834	0	0	0		
23.88	573.184	0	0	0		
23.91	573.917	0	0	0		
23.94	574.584	0	0	0		
23.95	574.750		0	0		
23.98	575.417	0	0	0		
24.01	576.217	0	0	0		
24.02	576.417	0	0	136		
24.02	576.417		0	0		
24.57	589.667	65	0	0		
24.60	590.417	0	0	0		
24.60	590.417	0	0	0		
24.61	590.550	0	0	0		
24.61	590.750	0	0	0		
24.62	590.917	0	0	0		
24.63	591.084	0	0	0		
24.64	591.334	0	0	0		
24.65	591.684	0	0	0		
24.66	591.834	0	0	0		
24.67	592.084	0	0	0		
24.69	592.517	0	0	0		
24.69	592.667	0	0	0		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
24.71	593.000	0	0	0		
24.72	593.284	0	0	0		
24.74	593.750	0	0	0		
24.75	594.050	0	0	0		
24.77	594.417	0	0	0		
24.78	594.800	0	0	0		
24.80	595.200	0	0	0		
24.83	595.834	0	0	0		
24.85	596.300	0	0	0		
24.86	596.667	0	0	0		
24.88	597.050	0	0	0		
24.91	597.817	0	0	0		
24.93	598.284	0	0	0		
24.95	598.700	0	0	0		
24.96	599.117	0	0	0		
24.98	599.617	0	0	0		
24.99	599.750	0	0	0		
25.00	599.917	0	0	0		
25.00	599.917	0	0	248		
25.00	599.917	0	0	0		
25.57	613.667	121	0	0		
25.57	613.667	121	0	0		
25.58	613.917	122	0	0		
25.62	614.917	122	0	0		
25.63	615.000	122	0	4		
25.64	615.250	118	0	1		
25.64	615.417	115	0	5		
25.65	615.667	115	0	5		
25.67	616.050	115	0	4		
25.68	616.334	115	0	7		
25.70	616.750	115	0	7		
25.72	617.300	100	0	25		
25.75	617.917	80	0	27		
25.75	618.084	120	0	0		
25.80	619.084	120	0	0		
25.83	619.834	120	0	19		
25.85	620.484	85	0	11		
25.88	621.134	85	0	14		
25.91	621.750	110	0	21		
25.93	622.267	133	0	18		
25.95	622.917	133	0	12		
25.98	623.450	140	0	11		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
26.00	624.050	127	0	23		
26.02	624.567	127	0	18		
26.03	624.750	127	0	0		
26.03	624.750	127	0	0		
26.03	624.750	127	0	0		
26.56	637.417	283	0	0		
26.58	637.917	273	0	8		
26.60	638.317	273	0	16		
26.61	638.734	240	0	15		
26.64	639.300	236	0	13		
26.66	639.950	238	0	18		
26.70	640.700	237	0	13		
26.72	641.284	267	0	11		
26.75	641.917	268	0	2		
26.82	643.750	310	0	24		
26.86	644.750	310	0	22		
26.89	645.417	295	0	20		
26.92	646.134	320	0	21		
26.96	647.000	350	0	10		
26.99	647.700	350	0	11		
27.02	648.450	364	0	6		
27.03	648.784	364	0	0		
27.04	648.917	364	0	0		
27.04	648.917	364	0	0		
27.57	661.600	471	0	0		
27.58	661.867	460	0	0		
27.60	662.384	464	0	9		
27.62	662.800	440	0	15		
27.63	663.150	420	0	7		
27.65	663.567	420	0	4		
27.67	664.034	421	0	9		
27.69	664.617	421	0	13		
27.76	666.200	424	0	13		
27.79	666.917	430	0	11		
27.81	667.367	430	0	11		
27.84	668.150	430	0	27		
27.87	668.784	426	0	19		
27.89	669.434	437	0	11		
27.92	670.134	475	0	15		
27.95	670.784	472	0	18		
27.98	671.434	502	0	17		
28.00	671.984	500	0	18		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
28.03	672.667	504	0	18		
28.04	672.917	570	0	0		
28.05	673.167	570	0	1		
28.09	674.167	611	0	11		
28.11	674.584	663	0	9		
28.13	675.217	690	0	6		
28.16	675.834	724	0	9		
28.19	676.584	730	0	14		
28.22	677.384	750	0	12		
28.26	678.234	770	0	13		
28.29	679.050	800	0	2		
28.33	679.917	803	0	18		
28.37	680.767	796	0	16		
28.39	681.467	824	0	6		
28.43	682.217	827	0	15		
28.45	682.917	835	0	0		
28.47	683.167	843	0	0		
28.48	683.417	852	0	0		
28.49	683.667	858	0	0		
28.50	683.917	863	0	0		
28.51	684.167	867	0	0		
28.52	684.417	871	0	0		
28.53	684.667	875	0	0		
28.54	684.917	876	0	0		
28.55	685.167	877	0	0		
28.60	686.284	877	0	15		
28.62	686.917	827	0	13		
28.66	687.950	825	0	16		
28.69	688.500	825	0	10		
28.72	689.167	872	0	16		
28.74	689.750	880	0	20		
28.72	689.384	880	0	14		
28.79	690.967	880	0	14		
28.82	691.584	940	0	19		
28.84	692.084	990	0	11		
28.87	692.917	1012	0	13		
28.89	693.417	1050	0	10		
28.95	694.850	1102	0	8		
28.97	695.384	1160	0	14		
28.99	695.867	1170	0	16		
29.01	696.350	1170	0	11		
29.04	697.034	1228	0	13		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
29.06	697.534	1266	0	9		
29.09	698.134	1295	0	4		
29.11	698.617	1307	0	4		
29.14	699.334	1327	0	10		
29.17	700.050	1333	0	3		
29.22	701.250	1342	0	10		
29.25	701.917	1350	0	3		
29.28	702.700	1362	0	8		
29.33	703.917	1364	0	9		
29.36	704.617	1365	0	11		
29.38	705.184	1370	0	13		
29.41	705.784	1390	0	16		
29.44	706.667	1401	0	15		
29.47	707.284	1420	0	13		
29.49	707.800	1444	0	9		
29.52	708.517	1460	0	16		
29.55	709.117	1500	0	13		
29.57	709.667	1520	0	10		
29.59	710.117	1570	0	9		
29.61	710.667	1607	0	9		
29.63	711.117	1610	0	6		
29.66	711.900	1630	0	11		
29.70	712.917	1640	0	12		
29.73	713.467	1669	0	9		
29.78	714.717	1680	0	8		
29.80	715.217	1680	0	8		
29.82	715.717	1685	0	10		
29.85	716.384	1680	0	18		
29.87	716.917	1722	0	8		
29.89	717.367	1760	0	10		
29.91	717.750	1780	0	13		
29.92	718.150	1820	0	13		
29.94	718.667	1850	0	18		
29.97	719.167	1900	0	10		
29.99	719.750	1927	0	17		
30.02	720.417	1930	0	17		
30.04	721.034	2010	0	17		
30.06	721.500	2032	0	17		
30.08	722.000	2044	0	8		
30.11	722.700	2059	0	15		
30.16	723.734	2070	0	19		
30.16	723.917	2041	0	0		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
30.17	724.167	2070	0	0		
30.20	724.700	1989	0	0		
30.20	724.917	1949	0	17		
30.24	725.667	2070	0	0		
30.24	725.750	2083	0	0		
30.24	725.834	2084	0	0		
30.25	725.917	2086	0	0		
30.25	726.000	2087	0	0		
30.25	726.084	2088	0	0		
30.26	726.167	2089	0	0		
30.26	726.250	2089	0	0		
30.26	726.334	2090	0	0		
30.27	726.417	2090	0	0		
30.27	726.500	2091	0	0		
30.27	726.584	2092	0	0		
30.28	726.667	2093	0	0		
30.29	726.917	2095	0	0		
30.30	727.084	2096	0	0		
30.30	727.084	2096	0	0		
30.30	727.167	2092	0	0		
30.30	727.250	2090	0	0		
30.31	727.334	2086	0	0		
30.31	727.417	2083	0	0		
30.31	727.500	2080	0	0		
30.32	727.584	2074	0	0		
30.32	727.667	2073	0	0		
30.33	727.917	2079	0	13		
30.33	728.000	2081	0	0		
30.34	728.084	2084	0	0		
30.39	729.350	2110	0	0		
30.40	729.700	2111	0	8		
30.43	730.417	2121	0	11		
30.46	731.117	2127	0	5		
30.52	732.384	2148	0	17		
30.55	733.084	2110	0	16		
30.57	733.750	2110	0	0		
30.58	733.917	2114	0	2		
30.59	734.167	2144	0	0		
30.60	734.417	2147	0	0		
30.61	734.667	2146	0	0		
30.62	734.917	2144	0	1		
30.63	735.167	2117	0	6		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
30.64	735.417	2122	0	4		
30.65	735.667	2149	0	0		
30.66	735.917	2165	0	0		
30.69	736.584	2178	0	0		
30.71	736.967	2174	0	16		
30.74	737.767	2063	0	14		
30.75	737.917	1862	0	18		
30.80	739.167	1890	45.41569705	6	24	
30.83	739.917	1978	94.16440508	9	24	60
30.85	740.417	2001	0	0	24	60
30.89	741.284	2022	0	15	2"	
30.91	741.817	2018	0	8	2"	
30.93	742.384	2020	0	23	2"	
30.94	742.584	2020	0	0	48	
30.95	742.917	1750	0	13	48	
31.00	743.917	1678	0	51	48	
31.04	744.917	1856	0	21	48	
31.08	745.917	1898	0	2	48	
31.12	746.917	1910	0	0	2"	
31.14	747.384	1927	0	4	2"	
31.17	748.150	1941	0	9	2"	
31.20	748.884	1957	0	9	2"	
31.23	749.534	1979	0	6	2"	
31.24	749.750	1973	0	0		
31.25	749.917	1976	0	0		
31.27	750.417	1986	0	0		
31.28	750.834	1981	0	13		
31.31	751.500	1960	0	14		
31.34	752.084	1979	0	12		
31.34	752.250	1979	0	0	20	
31.35	752.334	1909	0	0	20	
31.35	752.417	1856	79.76693381	0	20	
31.35	752.500	1879	7.175652974	0	20	55
31.36	752.584	1897	10.96099097	0	20	56
31.36	752.667	1912	24.50952091	0	20	56
31.36	752.750	1927	25.08629444	0	20	56
31.37	752.834	1933	35.4430504	0	20	56
31.37	752.917	1937	59.06638027	16	20	57
31.38	753.000	1934	110.5240136	0	20	57
31.38	753.084	1937	57.12910279	0	20	62
31.38	753.167	1942	60.53649539	0	20	61
31.39	753.417	1970	57.5185203	0	20	62

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
31.40	753.667	1986	33.96603523	0	20	62
31.41	753.917	1989	0	5	20	62
31.43	754.417	1994	0	0	20	
31.45	754.917	1996	0	0	20	
31.47	755.250	2006	0	0		
31.50	756.034	2008	0	5		
31.54	756.917	2021	0	0		
31.54	756.917	2021	0	0		
31.58	757.917	2012	0	0		
31.65	759.667	1987	0	11		
31.68	760.334	1996	0	17		
31.70	760.917	1982	0	13		
31.73	761.550	1893	0	13		
31.77	762.484	1882	0	19		
31.81	763.334	1890	0	12	24	
31.81	763.467	1894	889	1	24	
31.81	763.517	1863	736	1	24	58
31.81	763.550	1869	540	1	24	56
31.82	763.584	1870	0	6	24	55
31.82	763.784	1890	63	1	24	0
31.83	763.800	1883	218	1	24	59
31.83	763.817	1878	218	1	24	60
31.83	763.834	1876	310	1	24	61
31.83	763.850	1875	410	1	24	63
31.83	763.867	1873	431	1	24	64
31.83	763.884	1873	460	1	24	66
31.83	763.900	1873	460	1	24	66
31.83	763.917	1873	0	3	24	67
31.83	764.000	1874	172	1	24	0
31.84	764.084	1883	584	1	24	66
31.84	764.167	1900	0	1	24	64
31.87	764.917	1920	0	5	24	
31.88	765.200	1950	0	9	24	
31.91	765.917	1968	0	24	24	
31.93	766.250	1749	354	16	24	
31.93	766.350	1754	330	2	24	67
31.93	766.417	1766	240	1	24	67
31.94	766.550	1781	422	0	24	68
31.94	766.584	1784	422	0	24	68
31.94	766.600	1786	460	1	24	68
31.94	766.617	1789	457	0	24	68
31.94	766.667	1793	454	2	24	68

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
31.95	766.750	1793	475	2	20	68
31.95	766.834	1804	462	2	20	68
31.95	766.917	1819	405	2	20	67
31.96	767.000	1838	345	1	20	66
31.96	767.084	1850	292	1	20	64
31.97	767.167	1864	247	2	20	63
31.97	767.250	1873	208	1	20	63
31.97	767.334	1884	184	1	20	63
31.98	767.417	1891	161	1	20	63
32.00	767.917	1920	0	0	20	63
32.03	768.617	1900	0	8	2"	
32.09	770.167	1943	0	20	48	
32.11	770.584	1944	0	2	2"	
32.12	770.917	1948	0	0	2"	
32.14	771.284	1945	0	7	2"	
32.17	772.167	1958	0	9	20	
32.19	772.667	1968	0	0	2"	
32.21	773.150	1969	0	18	2"	
32.22	773.334	1951	0	0	20	
32.23	773.417	1856	184.0590741	0	20	
32.23	773.500	1877	129.6059957	0	20	50
32.23	773.584	1885	127.2243398	0	20	50
32.24	773.667	1847	91.25940184	0	20	50
32.24	773.750	1926	44.45448976	0	20	50
32.24	773.834	1927	0	0	2"	50
32.25	773.917	1928	0	0		
32.26	774.167	1889	0	13		
32.26	774.250	1801	0	0		
32.26	774.334	1790	0	0		
32.27	774.417	1802	0	0		
32.27	774.500	1814	0	0		
32.27	774.584	1760	0	0		
32.28	774.667	1760	0	0		
32.28	774.750	1758	0	0		
32.28	774.834	1761	0	0		
32.29	774.917	1799	0	22		
32.29	775.000	1800	0	0		
32.30	775.084	1827	0	0		
32.30	775.167	1832	0	0		
32.30	775.250	1834	0	0		
32.31	775.334	1836	0	0		
32.31	775.417	1848	0	6		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
32.31	775.500	1854	0	0		
32.32	775.584	1866	0	0		
32.32	775.667	1877	0	0		
32.32	775.750	1885	0	0		
32.33	775.834	1893	0	0		
32.33	775.917	1901	0	5		
32.33	776.000	1904	0	0		
32.33	776.017	1911	0	0		
32.34	776.167	1917	0	0		
32.35	776.417	1920	0	0		
32.37	776.834	1922	0	5		
32.38	777.000	1922	0	0		
32.38	777.084	1931	0	0		
32.39	777.417	1933	0	0		
32.41	777.784	1908	0	13		
32.44	778.517	1782	0	19		
32.45	778.684	1782	0	0	32	
32.45	778.750	1780	0	0	32	
32.45	778.834	1742	0	0	32	
32.45	778.917	1750	635.0979186	0	32	
32.46	779.000	1698	1011.799888	0	22	57
32.46	779.084	1700	680.8164719	0	22	66
32.47	779.167	1710	482.2693582	0	22	66
32.47	779.250	1739	469.388144	0	22	60
32.47	779.334	1753	346.7875815	0	22	58
32.48	779.417	1756	410.2448007	16	22	58
32.48	779.500	1763	266.2419718	0	22	59
32.48	779.584	1770	244.3203894	0	22	61
32.49	779.667	1782	271.1329434	0	22	61
32.49	779.750	1800	811.8484641	0	22	60
32.49	779.834	1801	1192.929367	0	22	57
32.50	779.917	1819	511.932195	4	22	58
32.50	780.000	1821	265.8336861	0	22	48
32.50	780.084	1813	185.4427702	0	22	48
32.51	780.167	1858	43.3831398	0	22	48
32.52	780.417	1860	0	7	36	50
32.53	780.667	1876	0	1	36	
32.54	780.917	1879	0	0	36	
32.58	781.917	1890	0	1		
32.62	782.850	1906	0	9		
32.64	783.417	1920	0	4		
32.67	784.067	1934	0	6		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
32.70	784.850	1940	0	5		
32.76	786.300	1886	0	19		
32.81	787.417	1780	0	17		
32.84	788.250	1800	0	0		
32.85	788.417	1870	0	0		
32.87	788.800	1864	154	0	24	
32.87	788.850	1864	183	0	24	58
32.87	788.917	1868	300	0	24	61
32.88	789.000	1874	538	0	24	63
32.88	789.017	1872	0	15	24	61
32.91	789.917	1930	0	0	24	
32.93	790.384	1930	0	12		
32.96	790.967	1652	0	22		
32.97	791.267	1636	906	1		
32.97	791.334	1656	192	1		65
32.98	791.417	1670	489	1		67
32.98	791.500	1703	497	0		68
32.98	791.584	1724	442	1		67
32.99	791.667	1750	273	1		63
32.99	791.750	1765	497	1		62
32.99	791.834	1782	378	1		66
33.00	791.917	1791	363	0		63
33.00	792.000	1801	350	0		65
33.00	792.084	1813	316	0		60
33.01	792.167	1836	264	1		58
33.01	792.250	1833	146	0		55
33.01	792.334	1836	109	1		58
33.02	792.417	1842	106	0		58
33.02	792.500	1844	84	0		57
33.02	792.584	1845	109	1		56
33.04	792.917	1858	0	0		54
33.06	793.417	1866	0	0		
33.08	793.917	1878	0	0		
33.10	794.350	1831	0	12		
33.13	795.150	1840	0	0		
33.14	795.417	1820	0	18		
33.15	795.500	1822	0	1	20	
33.15	795.584	1823	258	0	20	
33.15	795.667	1833	192	0	20	54
33.16	795.750	1851	129	0	20	52
33.16	795.834	1861	94	0	20	51
33.16	795.917	1866	600	0	20	51

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
33.19	796.584	1853	0	19	2'	51
33.20	796.750	1828	0	0	2'	
33.20	796.917	1829	0	0	2'	
33.22	797.167	1829	0	0		
33.23	797.484	1700	0	15		
33.23	797.584	1690	0	0		
33.24	797.667	1650	0	0		
33.24	797.750	1640	0	0		
33.24	797.834	1621	0	9		
33.25	797.917	1629	700.721132	0	18	
33.25	798.000	1642	635	0	18	60
33.25	798.084	1670	639	0	18	60
33.26	798.167	1699	523	0	18	60
33.26	798.250	1709	547	0	18	57
33.26	798.334	1711	0	0	18	57
33.27	798.417	1726	223	2	18	
33.27	798.500	1732	290	0	18	56
33.27	798.584	1763	278	0	18	57
33.28	798.667	1774	266	0	18	56
33.28	798.750	1784	211	0	18	55
33.28	798.834	1797	177	0	18	53
33.29	798.917	1807	147	0	18	52
33.29	799.000	1812	114	0	18	51
33.30	799.084	1816	0	0	48	50
33.30	799.167	1818	0	0	48	
33.33	799.800	1832	0	0	48	
33.34	800.117	1848	0	8	2"	
33.36	800.700	1876	0	3	2"	
33.40	801.717	1828	0	7	2"	
33.44	802.534	1700	0	18	32	
33.44	802.584	1750	0	0	32	
33.44	802.667	1801	0	0	32	
33.45	802.750	1631	0	0	32	
33.45	802.834	1620	0	0	32	
33.45	802.917	1608	0	18	20	
33.46	803.000	1662	452	0	20	
33.46	803.084	1668	502	3	20	56
33.47	803.167	1678	654	0	20	56
33.47	803.250	1686	720	0	20	60
33.47	803.334	1699	542	0	20	60
33.48	803.417	1726	480	2	20	54
33.48	803.500	1733	399	0	20	53

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
33.48	803.584	1750	307	0	20	52
33.49	803.667	1761	300	0	20	51
33.49	803.750	1769	206	0	20	51
33.49	803.834	1782	187	0	20	50
33.50	803.917	1789	123	0	20	49
33.50	804.000	1789	51	0	20	49
33.50	804.084	1792	0	0	20	49
33.52	804.417	1807	0	0	20	
33.54	804.917	1821	0	0	20	
33.58	805.917	1819	0	0		
33.60	806.417	1836	0	0		
33.62	806.917	1842	0	0		
33.64	807.417	1848	0	0		
33.66	807.917	1852	0	0		
33.68	808.417	1854	0	0		
33.70	808.917	1858	0	0		
33.73	809.417	1864	0	0		
33.75	809.917	1870	0	0		
33.83	811.917	1880	0	0		
33.84	812.134	1810	0	8		
33.90	813.717	1845	0	9		
33.93	814.250	1890	0	4		
33.95	814.784	1925	0	1		
33.98	815.417	1932	0	2		
34.00	816.050	1936	0	2		
34.11	818.750	1933	0	7		
34.18	820.250	1907	0	13		
34.20	820.917	1960	0	0		
34.24	821.834	1971	0	0		
34.26	822.350	1976	0	9		
34.31	823.367	1898	0	14		
34.32	823.750	1917	0	0		
34.33	823.834	1917	0	0		
34.33	823.917	1914	0	0		
34.34	824.084	1911	0	0		
34.34	824.117	1901	0	0	26	
34.34	824.167	1821	268	19	26	
34.34	824.250	1817	231	0	26	56
34.35	824.334	1822	304	0	24	63
34.35	824.417	1832	259	0	24	62
34.35	824.500	1844	208	0	24	59
34.36	824.584	1853	166	0	24	56

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
34.36	824.667	1849	284	0	24	55
34.36	824.750	1818	129	0	24	60
34.37	824.834	1814	209	0	24	61
34.37	824.917	1811	371	0	24	62
34.38	825.000	1809	486	15	24	64
34.38	825.084	1809	331	0	24	62
34.38	825.167	1809	319	0	24	58
34.39	825.250	1811	276	0	24	58
34.39	825.334	1811	289	0	24	56
34.39	825.417	1785	404	17	24	57
34.40	825.500	1773	445	0	24	63
34.40	825.584	1771	333	0	24	63
34.40	825.667	1765	483	0	24	60
34.41	825.750	1760	483	0	24	60
34.41	825.834	1760	0	0	24	60
34.42	826.167	1724	0	0	24	
34.43	826.250	1726	455	0	24	
34.43	826.334	1715	1243	0	24	58
34.43	826.417	1709	736	31	24	60
34.44	826.667	1693	949	0	24	56
34.45	826.917	1673	373	6	24	54
34.47	827.167	1666	507	0	24	59
34.48	827.417	1654	582	11	24	65
34.49	827.667	1656	487	0	24	64
34.50	827.917	1662	491	13	24	62
34.51	828.167	1668	373	4	22	62
34.52	828.417	1683	365	4	22	59
34.53	828.667	1691	321	6	22	59
34.54	828.917	1700	258	5	22	60
34.55	829.167	1704	254	2	22	59
34.56	829.417	1706	260	3	22	60
34.57	829.667	1708	236	4	22	60
34.58	829.917	1715	221	2	22	60
34.60	830.417	1726	225	3	22	58
34.61	830.700	1742	165.5	0	24	59
34.62	830.917	1745	106	5	24	
34.64	831.417	1750	107	6	24	58
34.66	831.917	1752	0	4	24	60
34.68	832.417	1758	0	10	36	
34.70	832.917	1760	0	8	48	
34.72	833.334	1668	0	12	24	
34.73	833.417	1635	254	4	24	

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
34.73	833.500	1630	435	2	24	63
34.73	833.584	1625	825	2	24	66
34.74	833.667	1623	854	3	24	68
34.75	833.917	1625	389	0	24	67
34.77	834.417	1628	409	9	24	60
34.79	834.917	1643	299	9	24	63
34.81	835.417	1649	258	8	24	62
34.83	835.917	1650	257	6	24	64
34.85	836.417	1650	235	6	24	62
34.87	836.917	1645	263	7	24	62
34.89	837.417	1637	266	7	24	64
34.91	837.917	1628	295	10	24	64
34.93	838.417	1620	313	7	24	64
34.95	838.917	1614	332	8	24	61
34.98	839.417	1608	306	6	24	64
35.00	839.917	1603	292	8	24	65
35.02	840.417	1599	308	9	24	63
35.04	840.917	1595	310	7	24	64
35.06	841.417	1589	301	9	24	63
35.08	841.917	1584	328	9	24	61
35.10	842.417	1582	327	6	24	60
35.12	842.917	1576	301	6	24	60
35.14	843.417	1568	322	9	24	59
35.16	843.917	1562	325	9	24	59
35.18	844.417	1559	296	6	24	59
35.20	844.917	1554	325	7	24	58
35.23	845.417	1549	322	6	24	58
35.25	845.917	1544	329	7	24	58
35.27	846.417	1541	317	7	24	58
35.29	846.917	1537	307	6	24	58
35.31	847.417	1535	314	8	24	58
35.33	847.917	1531	300	6	24	58
35.35	848.417	1530	303	5	24	57
35.37	848.917	1527	295	9	24	57
35.39	849.417	1524	301	7	24	57
35.41	849.917	1523	292	5	24	56
35.43	850.417	1522	287	8	24	56
35.45	850.917	1519	285	8	24	56
35.48	851.417	1517	277	6	24	56
35.50	851.917	1516	290	7	24	56
35.52	852.417	1513	283	7	24	56
35.54	852.917	1511	283	4	24	56

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
35.56	853.417	1509	288	5	24	56
35.58	853.917	1506	301	10	24	56
35.60	854.417	1503	258	9	24	56
35.62	854.917	1499	283	3	24	56
35.64	855.417	1498	289	8	24	56
35.66	855.917	1497	281	5	24	57
35.68	856.417	1494	263	7	24	57
35.70	856.917	1493	245	7	24	57
35.73	857.417	1493	265	7	24	57
35.75	857.917	1495	250	4	24	58
35.77	858.417	1491	264	7	24	58
35.79	858.917	1492	246	8	24	58
35.81	859.417	1491	225	8	24	58
35.83	859.917	1492	235	3	24	58
35.85	860.417	1493	233	2	24	59
35.87	860.917	1493	252	5	24	60
35.89	861.417	1494	218	5	24	60
35.91	861.917	1496	215	7	24	59
35.93	862.417	1500	185	7	24	60
35.95	862.917	1507	209	4	24	59
35.98	863.417	1511	0	4	24	60
36.00	863.917	1407	435	23	24	
36.02	864.417	1395	540	7	24	60
36.04	864.917	1405	428	6	24	60
36.06	865.417	1434	315	6	24	59
36.08	865.917	1450	240	5	24	59
36.10	866.417	1468	233	2	24	58
36.12	866.917	1485	169	4	24	58
36.14	867.417	1510	0	4	36	57
36.16	867.917	1528	0	1	36	
36.18	868.417	1545	0	0		
36.20	868.917	1545	0	0		
36.21	869.084	1544	0	6		
36.25	870.034	1557	0	6		
36.29	870.967	1561	0	14		
36.30	871.167	1470	0	0	36	
36.30	871.250	1444	0	0	24	
36.31	871.334	1444	451	0	24	
36.31	871.417	1443	456	13	24	56
36.31	871.500	1430	480	0	24	61
36.32	871.584	1423	477	0	24	61
36.32	871.667	1420	621	0	24	61

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
36.32	871.750	1417	677	0	24	61
36.33	871.834	1417	608	0	24	60
36.33	871.917	1416	561	7	24	58
36.34	872.084	1419	434	0	24	56
36.34	872.250	1423	415	0	24	55
36.35	872.417	1426	366	6	24	55
36.36	872.584	1429	323	0	24	55
36.36	872.750	1434	293	0	24	55
36.37	872.917	1439	273	6	24	55
36.38	873.167	1444	252	0	24	54
36.39	873.417	1454	225	5	24	54
36.40	873.667	1463	203	0	24	54
36.41	873.917	1473	148	3	24	53
36.42	874.167	1487	170	1	24	54
36.43	874.250	1490	0	0	24	54
36.43	874.417	1517	0	0	24	
36.44	874.667	1524	0	0	24	
36.45	874.917	1528	0	0	36	
36.48	875.417	1532	0	0		
36.49	875.834	1541	0	8		
36.52	876.417	1462	0	0	36	
36.53	876.667	1414	0	0	36	
36.53	876.834	1391	0	25	28	
36.54	876.917	1384	732	0	28	
36.54	877.000	1368	652	0	28	60
36.55	877.184	1367	615	0	26	60
36.56	877.417	1364	373	11	26	56
36.58	877.917	1376	423	2	26	56
36.60	878.417	1390	307	3	26	56
36.62	878.917	1396	279	6	26	56
36.64	879.417	1403	273	7	26	57
36.66	879.917	1396	311	26	28	57
36.68	880.417	1378	357	9	28	57
36.70	880.917	1360	407	6	28	59
36.73	881.417	1347	389	11	28	60
36.75	881.917	1341	390	6	28	
36.77	882.417	1338	365	8	28	
36.79	882.917	1340	327	6	28	
36.81	883.417	1343	303	5	28	
36.83	883.917	1351	273	5	28	
36.85	884.417	1354	252	5	28	
36.87	884.917	1372	0	10	36	

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
36.89	885.417	1402	0	1	36	
36.91	885.917	1410	0	1	24	
36.93	886.417	1455	0	0	24	
36.95	886.917	1458	0	0	24	
36.98	887.417	1460	0	0	24	
37.09	890.250	1499	0	0	2"	
37.12	890.917	1504	0	0	2"	
37.14	891.434	1508	0	0	2"	
37.16	891.917	1512	0	0	2"	
37.19	892.667	1517	0	0	2"	
37.23	893.417	1518	0	0	2"	
37.25	894.050	1533	0	0	2"	
37.28	894.684	1539	0	0	36	
37.31	895.417	1546	0	0	36	
37.34	896.234	1555	0	0	36	
37.36	896.750	1557	0	1	2"	
37.40	897.550	1568	0	6	36	
37.44	898.667	1581	0	5	2"	
37.48	899.500	1589	0	7	2"	
37.51	900.167	1600	0	0	28	
37.54	900.917	1609	0	8	48	
37.56	901.334	1640	0	0	24	
37.58	902.000	1632	0	8	24	
37.62	902.917	1515	762	11	28	
37.63	903.167	1495	480	1	28	60
37.64	903.417	1460	754	12	28	60
37.66	903.917	1422	627	10	28	62
37.68	904.417	1403	542	8	28	60
37.70	904.917	1390	473	13	28	59
37.73	905.417	1383	432	6	28	59
37.75	905.917	1376	413	7	28	58
37.77	906.417	1364	418	8	28	59
37.79	906.917	1354	421	8	28	60
37.81	907.417	1343	426	8	28	60
37.83	907.917	1330	430	8	28	60
37.85	908.417	1324	409	9	28	60
37.87	908.917	1323	379	8	28	60
37.89	909.417	1323	340	6	28	58
37.91	909.917	1326	311	4	28	56
37.93	910.417	1309	335	8	30	56
37.95	910.917	1275	523	13	30	57
37.98	911.417	1252	502	10	30	58

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
38.00	911.917	1245	452	8	30	59
38.02	912.417	1241	427	10	32	58
38.04	912.917	1231	422	8	32	58
38.06	913.417	1222	420	8	32	59
38.08	913.917	1214	423	11	32	58
38.10	914.417	1210	419	6	32	58
38.12	914.917	1207	396	11	32	58
38.14	915.417	1205	387	7	34	57
38.16	915.917	1187	456	9	34	57
38.18	916.417	1172	483	10	34	58
38.20	916.917	1162	460	9	34	58
38.23	917.417	1153	472	9	34	57
38.25	917.917	1148	454	6	34	58
38.27	918.417	1145	444	9	34	57
38.29	918.917	1143	427	7	34	57
38.31	919.417	1143	415	7	34	57
38.33	919.917	1141	403	8	34	57
38.35	920.417	1141	402	10	36	57
38.37	920.917	1129	453	9	38	57
38.39	921.417	1104	538	6	38	57
38.41	921.917	1086	548	11	38	58
38.43	922.417	1067	555	13	38	58
38.45	922.917	1064	564	7	38	60
38.48	923.417	1062	477	8	38	57
38.50	923.917	1074	409	6	38	57
38.51	924.167	1088	0	0	38	57
38.52	924.417	1091	0	0	38	
38.54	924.917	1069	0	13	38	
38.55	925.084	1062	0	0	38	
38.55	925.167	1056	263	2	38	
38.56	925.417	1055	472	5	38	51
38.58	925.917	1057	413	8	40	58
38.60	926.417	1045	496	8	40	58
38.62	926.917	1040	465	8	40	60
38.64	927.417	1039	453	9	44	59
38.66	927.917	1006	619	8	44	59
38.68	928.417	990	570	10	44	62
38.70	928.917	989	511	7	44	61
38.73	929.417	991	479	10	44	60
38.75	929.917	983	536	6	48	60
38.77	930.417	966	529	8	48	61
38.79	930.917	965	504	9	48	60

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
38.81	931.417	963	510	10	52	59
38.83	931.917	959	503	8	52	60
38.85	932.417	966	424	10	52	59
38.87	932.917	965	459	2	56	58
38.89	933.417	953	0	8	48	59
38.91	933.917	960	0	4	48	
38.95	934.917	977	0	11	48	
39.00	935.917	977	169	8	60	
39.02	936.417	971	345	6	60	54
39.04	936.917	1041	0	6	32	57
39.06	937.417	1100	0	0		
39.08	937.917	1110	0	0		
39.10	938.334	1122	0	2		
39.12	938.834	1139	0	2		
39.14	939.317	1155	0	2		
39.18	940.250	1164	0	3		
39.21	941.084	1198	0	2		
39.28	942.734	1205	0	5		
39.32	943.750	1233	0	6		
39.33	943.917	1237	0	0		
39.37	944.834	1256	0	1		
39.41	945.750	1230	0	8	48	
39.42	946.150	1222	0	0	48	
39.44	946.667	1222	0	8	36	
39.45	946.917	1207	0	0	36	
39.46	947.000	1206	0	0	28	
39.46	947.084	1152	707	0	28	
39.47	947.167	1139	551	9	28	55
39.48	947.417	1122	700	7	28	53
39.50	947.917	1104	467	7	28	58
39.52	948.417	1090	476	6	28	54
39.54	948.917	1084	417	7	28	57
39.56	949.417	1087	370	8	28	55
39.57	949.667		356.5	0	32	56
39.58	949.917	1070	343	2	36	
39.60	950.417	1046	463	8	36	58
39.62	950.917	1036	439	5	36	56
39.64	951.417	1039	358	6	36	56
39.66	951.917	1035	366	4	40	55
39.68	952.417	1025	385	6	40	56
39.70	952.917	1022	341	8	40	56
39.73	953.417	1025	301	5	44	55

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
39.75	953.917	1045	0	3	48	55
39.77	954.417	1065	0	4	18	
39.79	954.917	1098	231	0	18	
39.81	955.417	1128	0	0	18	53
39.83	955.917	1132	0	0	2"	
39.85	956.417	1133	0	0	2"	
39.87	956.917	1141	0	0	2"	
39.89	957.417	1157	0	0	2"	
39.91	957.917	1160	0	0	2"	
39.93	958.417	1166	0	0	2"	
39.95	958.917	1174	0	0	2"	
39.98	959.417	1182	0	0	2"	
40.00	959.917	1187	0	0	2"	
40.04	960.917	1196	0	0	2"	
40.08	961.917	1204	0	0	2"	
40.12	962.917	1215	0	0	2"	
40.14	963.417	1226	0	0	2"	
40.88	981.167	1355	0	0	2"	
40.89	981.417		0	8	2"	
40.91	981.917		0	6	2"	
40.94	982.450		0	7	2"	
40.97	983.250		0	24	32	
40.98	983.417	1230	1100	0	32	
41.00	983.917	1215	435	0	32	
41.02	984.417	1250	365	13	32	
41.02	984.584	1254	0	0	36	55
41.04	984.917	1225	526	8	32	
41.06	985.417	1142	687	12	32	
41.08	985.917	1146	424	8	32	60
41.10	986.417	1145	410	5	32	59
41.12	986.917	1137	416	7	32	60
41.14	987.417	1126	413	9	32	61
41.16	987.917	1126	355	10		60
41.18	988.417	1128	321	11		
41.20	988.917	1128	302	4		
41.23	989.417	1125	321	6		
41.25	989.917	1130	284	4		
41.27	990.417	1159	133	0		
41.29	990.917	1200	253	0		
41.31	991.417	1220	80	0		
41.33	991.917	1233	0	0		
41.35	992.417	1236	0	0		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
41.36	992.584		0	0		
41.40	993.500	1259	0	6.5		
41.42	994.167	1273	0	6		
41.45	994.884	1281	0	2		
41.49	995.717	1272	0	4		
41.53	996.834	1275	0	9		
41.54	996.917	1289	0	0		
41.57	997.750	1317	0	5		
41.61	998.667	1199	0	0		
41.62	998.917	1143	0	16	29	
41.63	999.167	1099	830	0	29	
41.64	999.417	1103	625	5	32	62
41.66	999.917	1105	404	6	34	52
41.68	1000.417	1112	337	6	34	57
41.69	1000.667	1116	0	0	64	57
41.70	1000.917	1066	0	9	64	
41.73	1001.417	1001	0	13	64	
41.75	1001.917	982	0	10	64	
41.77	1002.417	1016	0	5	64	
41.78	1002.667	1052	0	0	2"	
41.79	1002.917	1102	0	0	2"	
41.81	1003.417	1141	0	0	32	
41.85	1004.417	1147	0	9	32	
41.88	1005.084	1157	0	9	32	
41.88	1005.167	1060	0	0	48	
41.89	1005.417	1051	0	3	24	
41.89	1005.417		0	0	24	
41.90	1005.584	1079	0	0	24	
41.91	1005.750	1101	0	0	36	
41.91	1005.917	1118	0	0	48	
41.93	1006.417	1152	0	0	48	
41.95	1006.834	1171	0	0	64	
41.98	1007.417	1182	0	7	64	
42.01	1008.167	1099	0	13	48	
42.01	1008.200	1099	0	0	48	
42.03	1008.667	1079	0	3	64	
42.04	1008.917	1113	0	0	64	
42.06	1009.334	1139	320	0	64	
42.06	1009.417	1139	388	0	64	
42.07	1009.667	1152	128	0	64	
42.08	1009.917	1184	0	4	64	
42.10	1010.417	1202	0	0	64	

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
42.12	1010.917	1204	0	11	64	
42.17	1012.034	1188	0	2	64	
42.21	1013.017	1169	0	9	64	
42.25	1014.000	1175	0	4	64	
42.25	1014.084	1175	270	0	36	
42.26	1014.167	1189	93	0	36	
42.27	1014.417	1210	0	0	38	
42.28	1014.667	1222	0	0	38	
42.29	1014.917	1230	0	0	42	
42.30	1015.167	1227	0	2	44	
42.31	1015.417	1240	0	0	2"	
42.33	1015.917	1261	0	0	2"	
42.35	1016.500	1195	0	6	2"	
42.40	1017.584	1189	0	4	36	
42.43	1018.217	1200	0	0	2"	
42.45	1018.684	1185	0	9	28	
42.45	1018.917	1200	0	0	2"	
42.48	1019.417	1238	0	0	28	
42.49	1019.667	1220	374	3	36	
42.50	1019.917	1234	31	0	64	
42.50	1019.967	1239	0	3	2"	
42.52	1020.417	1260	0	0	2"	
42.54	1020.917	1268	0	0	2"	
42.56	1021.417	1269	0	0	48	
42.58	1021.917	1270	0	0	48	
42.62	1022.917	1283	0	1	2"	
42.66	1023.917	1287	0	9	36	
42.69	1024.667	1196	0	6	36	
42.70	1024.750	1199	0	0	36	
42.70	1024.917	1202	0	0	36	
42.72	1025.167	1216	0	0	36	
42.74	1025.750	1262	0	0	36	
42.75	1025.917	1247	0	5	36	
42.75	1026.000	1248	84	0	36	
42.75	1026.084	1232	106	0	36	60
42.76	1026.250	1246	41	0	36	58
42.77	1026.417	1256	0	0	36	55
42.79	1026.917	1283	0	0	34	
42.81	1027.417	1283	0	0	34	
42.81	1027.434	1283	0	0	34	
42.81	1027.450	1283	0	2	34	
42.81	1027.467	1283	0	0	34	

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
42.81	1027.484	1283	0	0	34	
42.81	1027.500	1283	0	0	34	
42.82	1027.584	1284	0	0	34	
42.82	1027.667	1284	0	0	34	
42.82	1027.750	1289	0	0	34	
42.83	1027.917	1283	0	0	40	
42.85	1028.417	1300	0	0	40	
42.87	1028.917	1303	0	0	40	
42.91	1029.917	1312	0	1	40	
42.98	1031.550	1316	0	5	2"	
43.01	1032.167	1318	0	0	2"	
43.03	1032.800	1319	0	9	64	
43.05	1033.084	1262	0	0		
43.05	1033.250	1224	0	0		
43.06	1033.417	1193	0	0		
43.07	1033.584	1196	0	0		
43.07	1033.750	1165	0	0		
43.08	1033.917	1144	0	22.5		
43.10	1034.417	1113	0	0		
43.12	1034.917	1075	590	25.8		
43.13	1035.167	1062	620	0		62
43.14	1035.417	1045	590	0		62
43.16	1035.917	1039	380	0		61
43.18	1036.417	1048	430	6		57
43.20	1036.917	992	670	15		57
43.23	1037.417	953	590	0		61
43.25	1037.917	962	580	15		60
43.26	1038.334	967	0	0		59
43.27	1038.500	956	0	0		
43.29	1038.917	906	0	21.5		
43.31	1039.417	868	0	0		
43.33	1039.917	866	0	22		
43.35	1040.417	929	0	0		
43.37	1040.917	1049	0	4		
43.39	1041.417	1076	0	0		
43.41	1041.917	1076	0	0		
43.43	1042.417	1087	0	0		
43.47	1043.167	1090	0	0		
43.49	1043.834	1116	0	11		
43.52	1044.417	1101	0	2		
43.54	1044.917	1138	0	0		
43.57	1045.667	1152	0	2		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
43.58	1045.917	1172	0	0		
43.60	1046.417	1175	0	0		
43.63	1047.084	1180	0	0		
43.63	1047.167	1104	397	0	18	
43.64	1047.250	1014	567	0	18	62
43.64	1047.417	943	749	0	18	52
43.65	1047.667	763	965	0	16	49
43.66	1047.917	650	941	0	16	53
43.67	1048.167	549	803	0	16	49
43.68	1048.417	414	649	0	16	48
43.69	1048.667	370	589	0	16	48
43.70	1048.917	314	492	0	16	48
43.72	1049.167	265	427	0	20	49
43.73	1049.417	188	456	0	24	49
43.74	1049.667	98	406	0	30	51
43.75	1049.917	73	325	0	36	48
43.76	1050.167	50	274	0	48	48
43.76	1050.250	41	0	0	48	49
43.77	1050.417	9	0	0	64	
43.78	1050.667	3	0	0	64	
43.79	1050.917	3	0	0	64	
43.81	1051.417	2	0	0	2"	
43.82	1051.667	1	0	0	2"	
43.83	1051.917	0	0	0	2"	
43.85	1052.417	0	0	0	2"	
43.87	1052.917	0	0	0	2"	
43.89	1053.334	0	0	0	2"	
43.93	1054.417	0	0	0	2"	
43.95	1054.917	0	0	0	2"	
43.98	1055.417	0	0	0	2"	
43.99	1055.834	0	0	0	2"	
43.99	1055.834	0	0	0	2"	
44.00	1056.084	0	0	0	2"	
44.06	1057.417	0	0	0	2"	
49.90	1197.667	0	0	0		
49.92	1198.084	3590	0	0	14	
49.92	1198.167	3529	0	0	14	
49.93	1198.250	3490	0	13	14	
49.93	1198.334	3463	0	0	14	
49.93	1198.417	3438	0	18	22	
49.94	1198.667	3290	0	52	22	
49.95	1198.917	3212	0	53	22	

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
49.97	1199.167	3151	0	56	22	
49.98	1199.417	3073	0	57	22	
49.99	1199.667	3026	0	49	22	
50.00	1199.917	2971	0	58	22	
50.01	1200.167	2905	0	65	22	
50.02	1200.417	2863	0	48	22	
50.03	1200.667	2808	0	62	22	
50.04	1200.917	2766	0	43	22	
50.05	1201.167	2718	0	51	22	
50.06	1201.417	2763	0	38	22	
50.97	1223.250	3880	0		22	
50.98	1223.417	3668	0	21	22	
50.99	1223.667	3557	0	75	22	
51.00	1223.917	3498	0	60	20	
51.01	1224.167	3450	0	27	20	
51.02	1224.417	3382	0	43	20	
51.03	1224.667	3338	0	53	20	
51.04	1224.917	3295	0	44	20	
51.05	1225.167	3250	0	48	20	
51.06	1225.417	3205	0	48	20	
51.07	1225.667	3159	0	48	20	
51.08	1225.917	3119	0	48	20	
51.09	1226.167	3086	0	35	20	
51.10	1226.417	3055	0	48	20	
51.12	1226.917	2985	0	92	20	
51.14	1227.417	2925	0	101	20	
51.16	1227.917	2864	0	87	20	
51.18	1228.417	2798	0	75	20	
51.20	1228.917	2736	0	105	20	
51.23	1229.417	2674	0	75	20	
51.25	1229.917	2616	0	92	20	
51.27	1230.417	2556	0	93	20	
51.29	1230.917	2514	0	70	20	
51.31	1231.417	2458	0	87	20	
51.33	1231.917	2388	0	91	20	
51.35	1232.417	2334	0	105	20	
51.37	1232.917	2296	0	57	20	
51.39	1233.417	2209	0	79	20	
51.41	1233.917	2133	0	140	22	
51.43	1234.417	2068	0	83	22	
51.45	1234.917	2018	0	83	22	
51.48	1235.417	1994	0	74	22	

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
51.50	1235.917	1945	0	75	22	
51.52	1236.417	1902	0	70	22	
51.54	1236.917	1830	0	70	22	
51.56	1237.417	1739	0	107	22	
51.58	1237.917	1676	0	75	22	
51.60	1238.417	1614	0	93	22	
51.62	1238.917	1553	0	88	22	
51.64	1239.417	1514	0	85	22	
51.66	1239.917	1478	0	71	22	
51.68	1240.417	1433	0	121	22	
51.70	1240.917	1388	0	75	22	
51.73	1241.417	1346	0	53	22	
51.75	1241.917	1281	0	57	22	
51.77	1242.417	1223	0	92	22	
51.79	1242.917	1173	0	76	22	
51.81	1243.417	1074	0	79	22	
51.83	1243.917	1002	0	78	26	
51.85	1244.417	963	0	85	26	
51.87	1244.917	926	0	51	26	
51.89	1245.417	895	0	92	26	
51.91	1245.917	851	0	75	26	
51.93	1246.417	835	0	65	26	
51.95	1246.917	806	0	80	26	
51.98	1247.417	779	0	70	26	
52.00	1247.917	753	0	65	26	
52.02	1248.417	717	0	47	26	
52.04	1248.917	700	0	57	26	
52.06	1249.417	680	0	66	26	
52.08	1249.917	653	0	48	26	
52.10	1250.417	633	0	61	26	
52.14	1251.417	610	0	95	26	
52.16	1251.917	591	0	65	26	
52.18	1252.417	573	0	61	26	
52.20	1252.917	560	0	44	26	
52.23	1253.417	539	0	44	26	
52.25	1253.917	523	0	48	26	
52.27	1254.417	505	0	44	26	
52.29	1254.917	491	0	39	26	
52.31	1255.417	475	0	44	26	
52.33	1255.917	464	0	44	26	
52.35	1256.417	445	0	48	26	
52.37	1256.917	434	0	35	26	

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
52.39	1257.417	422	0	44	26	
52.41	1257.917	406	0	40	26	
52.43	1258.417	396	0	31	26	
52.45	1258.917	385	0	35	26	
52.48	1259.417	375	0	40	26	
52.50	1259.917	362	0	35	26	
52.52	1260.417	354	0	30	26	
52.54	1260.917	341	0	40	26	
52.56	1261.417	330	0	37	26	
52.58	1261.917	323	0	31	26	
52.60	1262.417	313	0	30	26	
52.62	1262.917	295	0	31	26	
52.64	1263.417	286	0	31	26	
52.66	1263.917	227	0	30	32	
52.68	1264.417	215	0	31	32	
52.70	1264.917	207	0	39	32	
52.73	1265.417	196	0	40	32	
52.75	1265.917	188	0	33	32	
52.77	1266.417	179	0	37	32	
52.79	1266.917	171	0	35	32	
52.81	1267.417	165	0	31	32	
52.83	1267.917	158	0	31	32	
52.85	1268.417	152	0	31	32	
52.87	1268.917	144	0	26	32	
52.89	1269.417	137	0	27	32	
52.91	1269.917	130	0	36	32	
52.93	1270.417	124	0	15	32	
52.95	1270.917	120	0	22	32	
52.98	1271.417	115	0	14	32	
53.00	1271.917	124	0	14	32	
53.02	1272.417	120	0	14	32	
53.04	1272.917	115	0	18	32	
53.06	1273.417	110	0	13	32	
53.08	1273.917	105	0	11	32	
53.10	1274.417	101	0	15.5	32	
53.12	1274.917	97	0	15	32	
53.14	1275.417	91	0	2.5	32	
53.16	1275.917	87	0	11	32	
53.18	1276.417	85	0	8.500000001	32	
53.20	1276.917	83	0	11	32	
53.20	1276.917	82	0	0	32	
53.23	1277.417	88	0	8.999999998	32	

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
53.25	1277.917	105	0	11	32	
53.27	1278.417	110	0	4.500000001	32	
53.29	1278.917	125	0	13	32	
53.31	1279.417	139	0	11	32	
53.33	1279.917	153	0	11	32	
53.35	1280.417	155	0	13	32	
53.37	1280.917	155	0	11	32	
53.39	1281.417	158	0	11	32	
53.41	1281.917	148	0	8.499999998	32	
53.43	1282.417	145	0	13	32	
53.45	1282.917	139	0	11	32	
53.48	1283.417	122	0	11	32	
53.50	1283.917	120	0	7.000000001	32	
53.52	1284.417	108	0	15	32	
53.54	1284.917	96	0	8.999999998	32	
53.56	1285.417	70	0	6.500000001	32	
53.58	1285.917	62	0	6.500000001	32	
53.60	1286.417	42	0	4.499999999	32	
53.62	1286.917	24	0	4	32	
53.64	1287.417	14	0	4	32	
53.66	1287.917	14	0	4.499999999	32	
53.68	1288.417	19	0	4.500000001	32	
53.70	1288.917	19	0	4.500000001	32	
53.73	1289.417	21	0	4.499999999	32	
53.75	1289.917	23	0	3	32	
53.77	1290.417	29	0	4.500000001	32	
53.79	1290.917	29	0	5.999999999	32	
53.81	1291.417	28	0	4	32	
53.83	1291.917	27	0	5.000000001	32	
53.85	1292.417	26	0	3.499999999	32	
53.87	1292.917	25	0	3.5	32	
53.89	1293.417	24	0	6.000000001	32	
53.91	1293.917	24	0	2.999999999	32	
53.93	1294.417	24	0	3	32	
53.95	1294.917	24	0	3.5	24	
53.98	1295.417	23	0	3.999999999	24	
54.00	1295.917	23	0	5.500000001	24	
54.85	1316.417	2020	0	0	24	
54.86	1316.667	238	0	5.000000002	24	
54.87	1316.917	166	0	5.499999999	24	
54.89	1317.417	113	0	12	24	
54.91	1317.917	78	0	13	24	

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
54.93	1318.417	133	0	11.5	24	
54.95	1318.917	138	0	7.000000001	24	
55.55	1333.250	900	0	0	24	
55.57	1333.667	114	0	5.833333333	24	
55.58	1333.917	98	0	4.000000002	24	
55.60	1334.417	83	0	4.499999999	24	
55.62	1334.917	92	0	5.000000001	24	
56.60	1358.417	696	0	0	24	
56.62	1358.917	82	0	10	24	
56.64	1359.417	67	0	9.000000001	24	
56.66	1359.917	62	0	2.999999999	24	
56.68	1360.417	50	0	5.500000001	24	
56.70	1360.917	45	0	4	24	
56.73	1361.417	45	0	2.999999999	24	
56.75	1361.917	41	0	5.500000001	24	
56.77	1362.417	44	0	6.000000001	24	
56.79	1362.917	47	0	3.999999999	24	
56.81	1363.417	45	0	4	24	
56.83	1363.917	38	0	4.500000001	24	
56.85	1364.417	39	0	3.999999999	24	
56.87	1364.917	43	0	4.500000001	24	
56.89	1365.417	44	0	4	24	
56.91	1365.917	44	0	3.499999999	24	
56.93	1366.417	45	0	4	24	
56.95	1366.917	41	0	6.500000001	24	
56.98	1367.417	40	0	2	24	
57.00	1367.917	35	0	2	24	
57.02	1368.417	33	0	3.5	24	
57.04	1368.917	34	0	2.499999999	24	
57.06	1369.417	28	0	5.000000001	24	
57.08	1369.917	27	0	4.500000001	24	
57.10	1370.417	26	0	2	24	
57.12	1370.917	25	0	1	24	
57.14	1371.417	20	0	1	36	
57.16	1371.917	15	0	4.999999999	36	
57.18	1372.417	12	0	4.500000001	36	
57.20	1372.917	11	0	3	36	
57.23	1373.417	10	0	1	2"	
57.25	1373.917	5	0	3.5	2"	
57.29	1374.917	5	0	9	2"	
57.33	1375.917	5	0	4	2"	
57.37	1376.917	5	0	8.999999999	2"	

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
57.41	1377.917	4	0	4	2"	
57.45	1378.917	4	0	5.000000001	2"	
57.50	1379.917	3	0	0	2"	
57.54	1380.917	3	0	2	2"	
57.55	1381.167	2	0	0	14	
57.58	1381.917	120	0	0	14	
57.60	1382.417	6	0	0.5	14	
57.62	1382.917	4	0	0	14	
57.64	1383.417	44	0	0	18	
57.66	1383.917	126	0	0	18	
57.68	1384.417	128	0	0	18	
57.70	1384.917	134	0	0	18	
57.75	1385.917	4	0	0	18	
57.79	1386.917	5	0	1	24	
57.83	1387.917	5	0	1	24	
57.87	1388.917	5	0	1	24	
57.91	1389.917	5	0	2	24	
57.95	1390.917	5	0	2	24	
58.00	1391.917	5	0	4	24	
58.04	1392.917	5	0	2	24	
58.08	1393.917	7	0	4	24	
58.10	1394.417	7	0	0	24	
58.12	1394.917	7	0	1.5	24	
58.16	1395.917	7	0	2	24	
58.20	1396.917	6	0	2	24	
58.25	1397.917	6	0	2	24	
58.29	1398.917	6	0	3	24	
58.33	1399.917	6	0	4	24	
58.37	1400.917	6	0	2	24	
58.41	1401.917	6	0	2	24	
58.45	1402.917	6	0	2	24	
58.50	1403.917	6	0	0	24	
58.54	1404.917	6	0	3	24	
58.58	1405.917	5	0	2	24	
58.62	1406.917	5	0	2	24	
58.66	1407.917	5	0	2	24	
58.70	1408.917	5	0	2	24	
58.75	1409.917	4	0	1	24	
58.79	1410.917	3	0	1	24	
58.83	1411.917	4	0	1	20	
58.87	1412.917	5	0	2	20	
58.91	1413.917	5	0	2	20	

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
58.95	1414.917	4	0	2	20	
59.00	1415.917	4	0	2	20	
59.04	1416.917	4	0	2	20	
59.08	1417.917	6	0	1	20	
59.10	1418.417	6	0	0	20	
59.12	1418.917	6	0	0.5	20	
59.16	1419.917	6	0	1	20	
59.20	1420.917	6	0	1	20	
59.25	1421.917	6	0	1	20	
59.29	1422.917	5	0	2	2"	
59.33	1423.917	5	0	2	2"	
59.37	1424.917	6	0	1	2"	
59.41	1425.917	6	0	1	2"	
59.45	1426.917	4	0	2	2"	
59.50	1427.917	5	0	2	2"	
59.54	1428.917	5	0	2	2"	
59.58	1429.917	5	0	0	2"	
59.62	1430.917	5	0	0	2"	
59.66	1431.917	5	0	1	2"	
59.70	1432.917	4	0	2	2"	
59.75	1433.917	5	0	1	2"	
59.79	1434.917	5	0	1	2"	
59.83	1435.917	5	0	1	2"	
59.87	1436.917	5	0	1	2"	
59.91	1437.917	5	0	1	2"	
59.95	1438.917	5	0	1	2"	
60.00	1439.917	5	0	1	2"	
60.04	1440.917	5	0	1	2"	
60.08	1441.917	6	0	1	2"	
60.12	1442.917	6	0	1	2"	
60.16	1443.917	6	0	1	2"	
60.20	1444.917	6	0	1	2"	
60.25	1445.917	5	0	25	2"	
60.29	1446.917	5	0	0	2"	
60.33	1447.917	5	0	1	2"	
60.37	1448.917	5	0	2	2"	
60.41	1449.917	5	0	1	2"	
60.45	1450.917	5	0	1	2"	
60.50	1451.917	5	0	0	2"	
60.54	1452.917	4	0	0	2"	
60.58	1453.917	0	0	0	2"	
60.62	1454.917	0	0	0	2"	

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
60.66	1455.917	0	0	0	2"	
60.70	1456.917	0	0	0	2"	
60.75	1457.917	0	0	0	20	
60.79	1458.917	2	0	0	20	
60.83	1459.917	9	0	1	20	
60.87	1460.917	6	0	0	20	
60.91	1461.917	6	0	1	20	
60.95	1462.917	5	0	0	20	
61.00	1463.917	3	0	1	20	
61.04	1464.917	4	0	0	20	
61.08	1465.917	5	0	0	20	
61.12	1466.917	5	0	0	20	
61.16	1467.917	5	0	0	20	
61.20	1468.917	5	0	0	20	
60.25	1445.917	5	0	0	20	
61.29	1470.917	4	0	0	2"	
61.33	1471.917	4	0	0	2"	
61.37	1472.917	4	0	0	2"	
61.41	1473.917	4	0	0	2"	
61.45	1474.917	4	0	0	2"	
61.50	1475.917	12	0	0	2"	
61.54	1476.917	4	0	2	2"	
61.58	1477.917	4	0	0	2"	
61.62	1478.917	4	0	1	2"	
61.66	1479.917	4	0	0	2"	
61.70	1480.917	3	0	1	2"	
61.75	1481.917	4	0	0	2"	
61.79	1482.917	4	0	1	2"	
61.83	1483.917	4	0	0	2"	
61.87	1484.917	4	0	1	2"	
61.91	1485.917	3	0	1	2"	
61.95	1486.917	4	0	0	2"	
62.00	1487.917	3	0	1	2"	
62.58	1501.917	3	0	0	20	
62.62	1502.917	3	0	0	20	
62.66	1503.917	4	0	2	20	
62.70	1504.917	3	0	0	20	
62.75	1505.917	3	0	2	20	
62.79	1506.917	3	0	0	20	
62.83	1507.917	4	0	0	20	
62.87	1508.917	3	0	0	20	
62.91	1509.917	3	0	1	20	

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
62.95	1510.917	3	0	0	20	
63.00	1511.917	3	0	1	20	
66.73	1601.417	75	0	0	24	
66.75	1601.917	2	0	0	24	
66.79	1602.917	4	0	0	24	
66.83	1603.917	4	0	0	24	
66.87	1604.917	4	0			
66.25	1589.917		0			
66.25	1589.917		0			
66.25	1589.917		0			
69.25	1661.917		0			
69.60	1670.417	30	0	0		
69.60	1670.500	24	0	0		
69.62	1670.917	24	0	0		
69.64	1671.417	24	0	0		
69.67	1672.084	-7	0	15.5		
69.70	1672.834	-7	0	12.6		
69.73	1673.417	-7	0	11.5		
69.75	1674.000	-8	0	6.2		
69.79	1675.000	0	0	12.9		
69.82	1675.584	15	0	10.2		
69.86	1676.584	33	0	21.4		
69.90	1677.500	58	0	11.1		
69.90	1677.667	98	0	13.3		
69.91	1677.834		0	0		
69.98	1679.500	144	0	13.5		
70.01	1680.334	190	0	11.3		
70.06	1681.500	268	0	10.7		
70.08	1681.834	275	0	9.8		
70.12	1682.917	315	0	10.2		
70.18	1684.417	342	0	3.5		
70.19	1684.667		0	0		
70.23	1685.417	336	0	17.9		
70.28	1686.750	356	0	14.9		
70.32	1687.750	365	0	11.4		
70.35	1688.417		0	0		
70.38	1689.000	402	0	15.5		
70.43	1690.334	439	0	7.9		
70.48	1691.417	445	0	11.8		
70.51	1692.334	454	0	15.8		
70.57	1693.584	451	0	9.9		
70.60	1694.334	458	0	10		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
70.63	1695.167	447	0	21.5		
70.69	1696.667	513	0	12.2		
70.72	1697.334	546	0	10.4		
70.75	1698.000	556	0	9.5		
70.78	1698.834	533	0	18.7		
70.82	1699.584	549	0	16		
70.85	1700.334	577	0	14.9		
70.91	1701.834	616	0	17.2		
70.94	1702.667	628	0	21.5		
70.98	1703.584	653	0	9.8		
71.02	1704.500	668	0	19.8		
71.06	1705.334	714	0	15.9		
71.09	1706.200	732	0	15.7		
71.13	1707.167	763	0	15.7		
71.16	1707.917	799	0	11.2		
71.19	1708.667	816	0	11.4		
71.26	1710.334	855	0	18.4		
71.31	1711.417	901	0	7.1		
71.41	1713.750	931	0	16.9		
71.45	1714.750	935	0	11.5		
71.48	1715.584	941	0	12.4		
71.53	1716.667	958	0	10		
71.60	1718.334	943	0	17.3		
71.62	1718.917		0			
71.64	1719.250	961	0	14.6		
71.67	1720.167	976	0	13.1		
71.70	1720.834	1003	0	11.4		
71.76	1722.250		0			
71.77	1722.417	996	0	17.9		
71.80	1723.167	1024	0	15.8		
71.83	1723.834	1037	0	15.1		
71.86	1724.584	1057	0	13.2		
71.89	1725.334	1065	0	13.3		
71.89	1725.417		0			
71.93	1726.250	1055	0	10.8		
71.96	1727.084	1096	0	15.5		
72.00	1728.000	1118	0	15.7		
72.01	1728.250		0	0		
72.02	1728.417	1179	0	0		
72.02	1728.500	1185	0	0		
72.02	1728.584	1190	0	0		
72.03	1728.667	1194	0	0		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
72.03	1728.750	1198	0	0		
72.03	1728.834	1202	0	0		
72.04	1728.917	1206	0	0		
72.04	1729.000	1209	0	0		
72.05	1729.084	1212	0	0		
72.05	1729.167	1215	0	0		
72.05	1729.250	1218	0	0		
72.06	1729.334	1220	0	0		
72.06	1729.417	1223	0	0		
72.06	1729.500	1222	0	0		
72.07	1729.584	1224	0	0		
72.07	1729.667	1225	0	0		
72.08	1729.917	1240	0	0		
72.10	1730.417	1251	0	0		
72.13	1731.000	1230	0	12.9		
72.17	1732.000	1233	0	18		
72.21	1733.000	1251	0	11.1		
72.27	1734.417	1270	0	15.1		
72.31	1735.334	1270	0	15.4		
72.35	1736.334	1281	0	11.8		
72.40	1737.667	1301	0	11.8		
72.43	1738.417	1303	0	19.8		
72.49	1739.750	1326	0	11.9		
72.53	1740.834	1362	0			
72.54	1740.917	1368	0			
72.55	1741.084	1322	0	15.8		
72.58	1742.000	1349	0	15.7		
72.64	1743.250	1358	0	15.4		
72.67	1744.000	1377	0	15		
72.71	1745.084	1397	0	14.7		
72.75	1745.917	1422	0	12.4		
72.78	1746.667	1449	0	12		
72.78	1746.750	1445	0			
72.79	1746.917	1482	0			
72.80	1747.167	1493	0			
72.81	1747.417	1500	0			
72.84	1748.084	1478	0	12.9		
72.88	1749.000	1492	0	12		
72.91	1749.834	1516	0	13		
72.94	1750.667	1530	0	11.7		
72.96	1751.000		0			
72.96	1751.084	1560	0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
72.97	1751.167	1565	0			
72.97	1751.250	1567	0			
72.97	1751.334	1569	0			
72.98	1751.417	1571	0			
72.99	1751.667	1577	0			
73.01	1752.167	1546	0	16		
73.04	1752.917		0			
73.06	1753.500		0			
73.07	1753.584	1609	0			
73.07	1753.667	1607	0			
73.07	1753.750	1604	0			
73.08	1753.834	1607	0			
73.08	1753.917	1608	0	3.4		
73.09	1754.167		0			
73.15	1755.667	1623	0	17.3		
73.20	1756.917		0			
73.21	1757.000	1658	0			
73.21	1757.084	1655	0			
73.22	1757.167	1651	0			
73.23	1757.417	1664	0	3.6		
73.25	1757.917	1674	0	0		
73.27	1758.417	1681	0			
73.29	1759.000	1671	0	14.7		
73.35	1760.417		0			
73.35	1760.500	1705	0			
73.36	1760.584	1702	0			
73.36	1760.667	1670	0			
73.37	1760.917	1711	0	3.7		
73.39	1761.417	1719	0	1.9		
73.41	1761.917		0			
73.43	1762.334	1713	0	13.3		
73.49	1763.750	1720	0	19.4		
73.54	1764.917	1718	0	11.8		
73.58	1766.000	1729	0	11.9		
73.61	1766.667	1733	0	11.9		
73.64	1767.417	1745	0	11.9		
73.66	1767.867		0			
73.67	1768.117		0			
73.70	1768.917	1755	0	11.9		
73.74	1769.834	1749	0	11.8		
73.75	1770.084		0			
73.76	1770.250		0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
73.78	1770.750	1760	0	11.7		
73.81	1771.500	1777	0	17.3		
73.82	1771.750	1802	0			
73.86	1772.750	1800	0	11.3		
73.87	1772.917	1800	0			
73.88	1773.167	1826	0			
73.89	1773.417	1830	0			
73.92	1774.167	1800	0	14.7		
73.96	1775.084	1832	0	10.6		
73.97	1775.334		0			
74.01	1776.167	1838	0	7		
74.02	1776.417	1838	0			
74.03	1776.667	1860	0			
74.04	1776.917	1863	0			
74.07	1777.667	1861	0	10		
74.08	1777.917	1869	0			
74.09	1778.167	1875	0			
74.10	1778.417	1881	0			
74.13	1779.084	1860	0	15.7		
74.14	1779.417	1877	0			
74.18	1780.250	1880	0	15.5		
74.18	1780.417	1884	0			
74.19	1780.667	1897	0			
74.20	1780.917	1902	0			
74.22	1781.167	1905	0			
74.23	1781.417	1908	0			
74.23	1781.584		0			
74.26	1782.167	1911	0	12.6		
74.31	1783.417	1910	0	11.5		
74.37	1784.917	1925	0	12.4		
74.41	1785.917	1928	0	10		
74.45	1786.917	1942	0	10.3		
74.50	1787.917	1948	0	10.6		
74.53	1788.750	1954	0	7.3		
74.54	1788.917		0			
74.56	1789.417	1973	0			
74.58	1790.000	1956	0	11.1		
74.61	1790.667	1972	0	11.4		
74.64	1791.334		0			
74.65	1791.500	1986	0	9.6		
74.68	1792.417	1975	0	13.6		
74.73	1793.417	1998	0	9.8		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
74.76	1794.250		0			
74.77	1794.417	2003	0	9.9		
74.77	1794.584		0			
74.78	1794.750	2016	0			
74.79	1794.917	2026	0			
74.80	1795.167	2030	0			
74.81	1795.417	2032	0			
74.83	1796.000	2009	0	15.9		
74.88	1797.000	2006	0	9.2		
74.88	1797.167	2040	0			
74.89	1797.417	2048	0			
74.90	1797.667	2051	0			
74.91	1797.917	2057	0			
74.92	1798.167	2060	0			
74.93	1798.250	2008	0	11.1		
74.98	1799.417	2037	0	14.8		
75.00	1799.917		0			
75.03	1800.667	2038	0	13.7		
75.04	1800.917	2073	0			
75.05	1801.167	2080	0			
75.06	1801.417	2084	0			
75.08	1801.917	2079	0	12.9		
75.13	1803.000	2083	0	6.7		
75.16	1803.917	2093	0	10.5		
75.20	1804.917	2101	0	7.1		
75.22	1805.167	2106	0			
75.23	1805.417	2113	0			
75.24	1805.667	2116	0			
75.25	1805.917	2119	0			
75.26	1806.167	2122	0			
75.28	1806.750	2109	0	14.7		
75.33	1807.917	2121	0	11.3		
75.37	1808.917	2123	0	9.1		
75.42	1810.167	2127	0	10.1		
75.46	1811.000	2142	0	7.8		
75.49	1811.750	2142	0	7.9		
75.53	1812.667	2151	0	7.9		
75.54	1812.917		0			
75.59	1814.084	2146	0	13.8		
75.62	1814.917	2163	0	10		
75.65	1815.500		0			
75.67	1816.000	2170	0	7.8		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
75.70	1816.917	2152	0	17.6		
75.74	1817.750	2169	0	16.3		
75.78	1818.750	2183	0	13.8		
75.79	1818.917	2182	0			
75.79	1819.000	2193	0			
75.80	1819.084	2217	0			
75.80	1819.167	2225	0	3.7		
75.80	1819.250	2230	0			
75.82	1819.750	2203	0	14.4		
75.83	1819.834	2201	0			
75.83	1819.917	2226	0			
75.83	1820.000	2236	0	1.8		
75.84	1820.084	2240	0			
75.85	1820.500	2287	0	11.2		
75.86	1820.584	2213	0			
75.86	1820.667	2215	0			
75.87	1820.917	2245	0	3.8		
75.88	1821.167		0			
75.91	1821.750	2150	0	17.2		
75.91	1821.834	2181	0			
75.91	1821.917	2152	0			
75.92	1821.967		0			
75.92	1822.000	2111	0			
75.92	1822.167	2050	0			
75.92	1822.184		0			
75.93	1822.417	2067	0	29.4		
75.94	1822.517		0			
75.94	1822.584		0			
75.94	1822.667	2076	0			
75.95	1822.917	1985	0	29.8		
75.97	1823.167	1825	0			
75.97	1823.300		0			
75.98	1823.417	1898	0	27.5		
75.99	1823.667	1923	0			
76.00	1823.917	1953	0	19.2		
76.01	1824.167	1972	0			
76.02	1824.417	1986	0	18.7		
76.03	1824.667	2000	0			
76.04	1824.917	2007	0	17.9		
76.05	1825.167	2017	0			
76.06	1825.417	2023	0	29.7		
76.07	1825.667	2031	0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
76.08	1825.917	2038	0	3		
76.09	1826.167	2043	0			
76.10	1826.417	2047	0	16.8		
76.11	1826.667	2054	0			
76.12	1826.917	2040	0	38.6		
76.13	1827.167	1935	0			
76.14	1827.417	1799	0	36.7		
76.15	1827.667	1821	0			
76.16	1827.917	1854	0	18.3		
76.17	1828.167	1876	0			
76.18	1828.417	1895	0	15.1		
76.19	1828.667	1912	0			
76.20	1828.917	1922	0	11.5		
76.22	1829.167	1939	0			
76.23	1829.417	1949	0	11.7		
76.24	1829.667	1954	0			
76.25	1829.917	1960	0	7.9		
76.26	1830.167	1967	0			
76.27	1830.417	1973	0	3.9		
76.28	1830.667	1978	0			
76.29	1830.917	1981	0	2		
76.30	1831.167	1983	0			
76.31	1831.417	1986	0	0		
76.32	1831.667	1988	0			
76.33	1831.917	1989	0	0		
76.34	1832.167	1991	0			
76.35	1832.417	1993	0	0		
76.36	1832.667		0			
76.37	1832.917		0	0		
76.39	1833.334	1997	0	11.9		
76.40	1833.667	1998	0			
76.41	1833.917	2003	0			
76.42	1834.167	2005	0			
76.43	1834.417	2007	0			
76.45	1834.917	1999	0	9.9		
76.48	1835.417	2010	0			
76.49	1835.667	2013	0			
76.50	1835.917	2015	0			
76.52	1836.417	1999	0	15.9		
76.54	1836.917	2015	0			
76.55	1837.167	2019	0			
76.56	1837.417	2022	0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
76.59	1838.084	1991	0	13.7		
76.59	1838.250	2020	0			
76.60	1838.334	2023	0			
76.60	1838.417	2025	0			
76.63	1839.000	1999	0	13.8		
76.63	1839.084	2021	0			
76.63	1839.167	2031	0			
76.64	1839.250	2039	0	15.4		
76.67	1840.000	2004	0			
76.67	1840.084	2036	0			
76.67	1840.167	2044	0			
76.70	1840.834	2030	0	13.2		
76.70	1840.917	2036	0			
76.71	1841.000	2048	0			
76.71	1841.084	2055	0			
76.72	1841.167	2058	0			
76.72	1841.250	2059	0			
76.75	1841.917	2036	0	16.7		
76.75	1842.000	2038	0			
76.75	1842.084	2062	0			
76.76	1842.167	2061	0			
76.78	1842.834	2046	0	8.9		
76.79	1842.917	2067	0			
76.79	1843.000	2069	0			
76.80	1843.084	2069	0			
76.80	1843.167	2063	0			
76.80	1843.250	2066	0			
76.83	1843.917	2021	0	18.9		
76.83	1844.000	2055	0			
76.84	1844.084	2063	0			
76.84	1844.167	2068	0			
76.84	1844.250	2069	0			
76.85	1844.300		0			
76.87	1844.917	2027	0	15.2		
76.88	1845.000	2029	0			
76.88	1845.084	2061	0			
76.88	1845.167	2069	0			
76.89	1845.250		0			
76.91	1845.834	2044	0	11.2		
76.91	1845.917	2054	0			
76.92	1846.000	2068	0			
76.92	1846.084		0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
76.94	1846.667	2063	0	15.4		
76.95	1846.750	2027	0			
76.95	1846.834	2055	0			
76.95	1846.917	2060	0			
76.98	1847.584	1999	0	13.3		
76.99	1847.667	2024	0			
76.99	1847.750	2043	0			
77.00	1847.917		0			
77.02	1848.417	2019	0	12.2		
77.02	1848.500	2025	0			
77.02	1848.584	2041	0			
77.03	1848.667	2051	0			
77.04	1848.917	2058	0			
77.05	1849.167	2061	0			
77.06	1849.417		0			
77.09	1850.084		0			
77.10	1850.417	2044	0	16.3		
77.14	1851.417	2055	0	13.1		
77.16	1851.917	2059	0			
77.17	1852.167	2061	0			
77.18	1852.417	2062	0			
77.19	1852.667	2061	0			
77.22	1853.250	2059	0	11		
77.27	1854.584	2054	0	10.1		
77.30	1855.167	2059	0			
77.31	1855.417	2060	0			
77.32	1855.667	2060	0			
77.34	1856.167	2052	0	11.8		
77.39	1857.334	2050	0	5.9		
77.43	1858.334	2052	0	9.8		
77.44	1858.667	2048	0			
77.45	1858.917	2059	0			
77.47	1859.167	2052	0			
77.48	1859.417	2052	0			
77.49	1859.667	2052	0			
77.49	1859.750		0			
77.52	1860.417	2043	0	11.9		
77.52	1860.500	2043	0			
77.52	1860.584	2043	0			
77.53	1860.667	2044	0			
77.53	1860.750	2045	0			
77.53	1860.834	2047	0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
77.54	1860.917	2048	0			
77.55	1861.167	2051	0			
77.56	1861.417	2041	0			
77.57	1861.667	2049	0			
77.57	1861.750		0			
77.60	1862.334		0			
77.61	1862.584	2026	0	11.9		
77.61	1862.667	2041	0			
77.61	1862.750	2045	0	4		
77.62	1862.834		0			
77.64	1863.334		0			
77.65	1863.500	2031	0	17.2		
77.65	1863.584	2040	0			
77.65	1863.667	2053	0			
77.66	1863.750		0			
77.68	1864.334	2016	0	15.3		
77.68	1864.417	2029	0			
77.69	1864.500	2051	0			
77.69	1864.667		0			
77.72	1865.250	2008	0	13.9		
77.72	1865.334	2021	0			
77.73	1865.417	2044	0			
77.73	1865.500		0			
77.75	1866.084	1978	0	13.3		
77.76	1866.167	1997	0			
77.76	1866.250	2022	0			
77.76	1866.334	2028	0			
77.77	1866.384	2036	0			
77.77	1866.417	2028	0			
77.77	1866.500	2032	0			
77.77	1866.584	2025	0			
77.78	1866.667	2001	0			
77.78	1866.750	1997	0			
77.78	1866.834	2010	0			
77.79	1866.917	2016	0	15.8		
77.80	1867.167	2024	0			
77.81	1867.417	2031	0			
77.82	1867.667		0			
77.82	1867.750		0			
77.83	1868.000		0			
77.84	1868.084	2007	0	9.7		
77.84	1868.167	2017	0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
77.84	1868.250	2015	0			
77.85	1868.334	2027	0			
77.85	1868.417	2032	0	3.7		
77.85	1868.500	2034	0			
77.86	1868.584	2034	0			
77.86	1868.667	2034	0			
77.87	1868.917	2034	0			
77.88	1869.167	2034	0			
77.89	1869.417	2033	0			
77.90	1869.500	2031	0			
77.90	1869.584	2033	0			
77.90	1869.667	2033	0			
77.91	1869.834		0			
77.93	1870.250		0			
77.93	1870.417	2011	0	9.9		
77.94	1870.500	2016	0			
77.94	1870.584	2021	0			
77.94	1870.667	2023	0			
77.97	1871.334	1984	0	15.4		
77.98	1871.417	2019	0			
77.98	1871.500	2025	0			
77.98	1871.584		0			
78.00	1872.084	2031	0	14.8		
78.01	1872.167	1999	0			
78.01	1872.250	2015	0			
78.02	1872.417		0			
78.04	1872.917	1968	0	14.6		
78.04	1873.000	1999	0			
78.05	1873.084	2010	0			
78.05	1873.167	2015	0			
78.06	1873.417	2018	0			
78.07	1873.667		0			
78.08	1873.917		0			
78.10	1874.417	1993	0	12		
78.10	1874.500	2008	0			
78.11	1874.584	2012	0			
78.11	1874.667	2014	0			
78.12	1874.917	2015	0	1.8		
78.13	1875.167	2016	0			
78.14	1875.417	2015	0			
78.15	1875.667	2016	0			
78.16	1875.917	2014	0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
78.17	1876.167	2015	0			
78.18	1876.417		0			
78.19	1876.667	2005	0			
78.20	1876.917	2009	0	5.3		
78.21	1877.000	2003	0			
78.21	1877.084	2007	0			
78.22	1877.167	2010	0			
78.23	1877.417	2011	0	1.8		
78.24	1877.667	2011	0			
78.25	1877.917	2011	0			
78.26	1878.167	2012	0			
78.27	1878.417	2012	0			
78.28	1878.667		0			
78.30	1879.167	2004	0	12.8		
78.34	1880.167	2004	0	11.2		
78.35	1880.417	2006	0			
78.36	1880.667	2005	0			
78.37	1880.917	2005	0			
78.38	1881.084		0			
78.40	1881.584	1994	0	9.5		
78.44	1882.584	1996	0	9.6		
78.49	1883.667	1999	0	11.7		
78.50	1884.000	1999	0			
78.50	1884.084	1997	0			
78.51	1884.167	1998	0			
78.52	1884.417	2001	0	2		
78.53	1884.667	2001	0			
78.54	1884.917	2004	0			
78.55	1885.167	2000	0			
78.56	1885.417	1999	0			
78.57	1885.667	1999	0			
78.58	1885.917	1992	0	7.8		
78.59	1886.167	1994	0			
78.60	1886.417	1996	0	2		
78.61	1886.667	1995	0			
78.62	1886.917	1996	0			
78.63	1887.167	1996	0			
78.64	1887.417	1996	0			
78.66	1887.750	1988	0	7.9		
78.66	1887.834	1991	0			
78.66	1887.917	1992	0			
78.67	1888.000	1994	0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
78.67	1888.084	1993	0			
78.67	1888.167	1994	0			
78.68	1888.417	1993	0			
78.69	1888.667	1990	0			
78.70	1888.917	1994	0	2		
78.72	1889.167	1994	0			
78.73	1889.417	1993	0			
78.73	1889.500		0			
78.74	1889.834	1983	0	5.6		
78.75	1889.917	1992	0			
78.75	1890.000	1994	0			
78.75	1890.084	1995	0			
78.76	1890.167	1995	0			
78.77	1890.417	1995	0			
78.78	1890.667	1983	0			
78.79	1890.917	1992	0	4.2		
78.80	1891.167	1996	0			
78.81	1891.417	1995	0			
78.82	1891.667	1995	0			
78.83	1891.917	1995	0			
78.84	1892.167	1991	0			
78.85	1892.417	1995	0	4.8		
78.86	1892.667	1995	0			
78.87	1892.917	1995	0			
78.88	1893.167	1994	0			
78.89	1893.417	1995	0	5.1		
78.90	1893.667	1996	0			
78.91	1893.917	1996	0			
78.92	1894.167	1995	0			
78.93	1894.417	1992	0	2.7		
78.95	1894.750	1994	0			
78.95	1894.834	1997	0			
78.95	1894.917	1996	0			
78.96	1895.000	1996	0			
78.97	1895.167	1996	0			
78.98	1895.417	1995	0			
78.99	1895.667	1995	0			
79.00	1895.917	1994	0			
79.00	1896.084		0			
79.01	1896.167	1987	0			
79.01	1896.217		0			
79.01	1896.334	1986	0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
79.02	1896.417	1988	0	2.8		
79.03	1896.667	1987	0			
79.04	1896.917	1987	0	7.2		
79.05	1897.167	1990	0			
79.06	1897.417	1990	0	1.5		
79.07	1897.667	1990	0			
79.08	1897.917	1984	0	1.5		
79.09	1898.167	1990	0			
79.10	1898.417	1990	0	1.5		
79.11	1898.667	1990	0			
79.12	1898.917	1983	0	1.6		
79.13	1899.167	1989	0			
79.14	1899.417	1989	0	1.5		
79.15	1899.667	1990	0			
79.16	1899.917	1989	0	0		
79.17	1900.167	1987	0			
79.18	1900.417	1982	0	3.1		
79.19	1900.667	1990	0			
79.20	1900.917	1989	0	0		
79.22	1901.167	1989	0			
79.23	1901.417	1985	0	4.9		
79.24	1901.667	1989	0			
79.25	1901.917	1998	0	0		
79.26	1902.167	1989	0			
79.27	1902.417	1993	0	0		
79.28	1902.667	1988	0			
79.29	1902.917	1988	0	3.3		
79.30	1903.167	1989	0			
79.31	1903.417	1998	0	0		
79.32	1903.667	1988	0			
79.33	1903.917	1984	0	5		
79.34	1904.167	1989	0			
79.35	1904.417	1988	0	0		
79.36	1904.667	1989	0			
79.37	1904.917	1998	0	0		
79.38	1905.167	1986	0			
79.39	1905.417	1988	0	3.3		
79.40	1905.667	1988	0			
79.41	1905.917	1988	0	0		
79.42	1906.167	1986	0			
79.43	1906.417	1986	0	3.5		
79.44	1906.667	1988	0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
79.45	1906.917	1987	0	0		
79.47	1907.167	1987	0			
79.48	1907.417	1985	0	0		
79.49	1907.667	1985	0			
79.50	1907.917	1987	0	3.5		
79.51	1908.167	1987	0			
79.52	1908.417	1986	0	0		
79.53	1908.667	1986	0			
79.54	1908.917	1982	0	3.5		
79.55	1909.250	1986	0			
79.56	1909.334	1986	0			
79.56	1909.417	1986	0			
79.57	1909.667	1986	0			
79.58	1909.917	1986	0			
79.59	1910.167	1985	0			
79.60	1910.417	1984	0			
79.62	1910.917	1982	0			
79.64	1911.417	1980	0			
79.66	1911.917	1979	0			
79.70	1912.917	1976	0			
79.75	1913.917	1972	0			
79.79	1914.917	1970	0			
79.83	1915.917	1967	0			
79.87	1916.917	1965	0			
79.91	1917.917	1964	0			
79.95	1918.917	1962	0			
80.00	1919.917	1961	0			
80.04	1920.917	1960	0			
80.08	1921.917	1960	0			
80.12	1922.917	1960	0			
80.16	1923.917	1960	0			
80.20	1924.917	1961	0			
80.25	1925.917	1961	0			
80.29	1926.917	1962	0			
80.33	1927.917	1962	0			
80.37	1928.917	1963	0			
80.41	1929.917	1964	0			
80.45	1930.917	1965	0			
80.50	1931.917	1966	0			
80.54	1932.917	1967	0			
80.58	1933.917	1968	0			
80.62	1934.917	1969	0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
80.66	1935.917	1970	0			
80.70	1936.917	1971	0			
80.75	1937.917	1971	0			
80.79	1938.917	1972	0			
80.83	1939.917	1973	0			
80.87	1940.917	1974	0			
80.91	1941.917	1975	0			
80.95	1942.917	1976	0			
81.00	1943.917	1977	0			
81.04	1944.917	1978	0			
81.08	1945.917	1979	0			
81.12	1946.917	1980	0			
81.16	1947.917	1981	0			
81.20	1948.917	1982	0			
81.25	1949.917	1983	0			
81.29	1950.917	1984	0			
81.33	1951.917	1986	0			
81.37	1952.917	1987	0			
81.41	1953.917	1988	0			
81.45	1954.917	1988	0			
81.50	1955.917	1989	0			
81.54	1956.917	1990	0			
81.58	1957.917	1990	0			
81.62	1958.917	1991	0			
81.62	1958.967		0			
81.63	1959.017		0			
81.63	1959.050	1989	0			
81.63	1959.134	1988	0			
81.63	1959.217	1986	0			
81.64	1959.334	1985	0			
81.64	1959.450	1984	0			
81.65	1959.584	1983	0			
81.66	1959.750	1984	0			
81.66	1959.917	1986	0			
81.67	1960.084	1990	0			
81.67	1960.167		0			
81.68	1960.217		0			
81.68	1960.250	1992	0			
81.69	1960.667		0			
81.70	1960.917	1996	0			
81.71	1961.000		0			
81.73	1961.517	1976	0	9		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
81.74	1961.750		0			
81.76	1962.334	1967	0	14.8		
81.77	1962.500		0			
81.80	1963.167	1968	0	15.2		
81.81	1963.334		0			
81.83	1963.917	1982	0	13.5		
81.84	1964.167		0			
81.86	1964.667	1978	0	13.8		
81.87	1964.834		0			
81.89	1965.250	1991	0	3.9		
81.92	1966.000	1979	0	11.9		
81.92	1966.167		0			
81.94	1966.667	1987	0	7.9		
81.96	1967.000		0			
81.98	1967.584	1978	0	15.9		
81.99	1967.750		0			
82.02	1968.417	1989	0	13.8		
82.04	1968.917	2004	0			
82.05	1969.167	2004	0			
82.06	1969.417	2003	0			
82.07	1969.667	2002	0			
82.08	1969.917	2002	0	2		
82.09	1970.167	2003	0			
82.10	1970.417	2000	0			
82.11	1970.667	1999	0			
82.12	1970.917	1999	0			
82.14	1971.250		0			
82.14	1971.417	1990	0	7.9		
82.15	1971.667	1999	0			
82.16	1971.917	1999	0			
82.17	1972.167	1999	0			
82.18	1972.417	1998	0			
82.19	1972.667	1998	0			
82.20	1972.917	1998	0			
82.22	1973.167		0			
82.22	1973.334	1995	0	2		
82.23	1973.417	1995	0			
82.24	1973.667	1996	0			
82.25	1973.917	1998	0	1.9		
82.26	1974.167	1999	0			
82.27	1974.417	1999	0	3.9		
82.28	1974.667	1999	0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
82.29	1974.917	2000	0	0		
82.30	1975.167	2000	0			
82.31	1975.417	2000	0	0		
82.33	1975.917		0			
82.34	1976.167	1993	0	9.7		
82.35	1976.417	2001	0	0		
82.36	1976.667	2002	0			
82.37	1976.917	2001	0	1.9		
82.38	1977.167	2001	0			
82.39	1977.417	2000	0	0		
82.40	1977.667	1998	0			
82.41	1977.917	2000	0	2		
82.42	1978.167	2000	0			
82.43	1978.417	1999	0	0		
82.44	1978.667	1998	0			
82.45	1978.917	2001	0	3.7		
82.47	1979.167	2001	0			
82.48	1979.417	2001	0	0		
82.49	1979.667	2002	0			
82.50	1979.917	2002	0	0		
82.50	1980.000		0			
82.51	1980.250		0			
82.52	1980.417	1991	0	7.6		
82.53	1980.667	2002	0			
82.54	1980.917	2003	0			
82.56	1981.417		0			
82.57	1981.667		0			
82.58	1981.917	1972	0	11.7		
82.59	1982.250		0			
82.61	1982.667	1977	0	10.5		
82.63	1983.084		0			
82.64	1983.334		0			
82.66	1983.750	1990	0	3.5		
82.66	1983.917		0			
82.66	1983.917		0			
82.69	1984.584	1979	0	12.8		
82.70	1984.834		0			
82.73	1985.417		0			
82.73	1985.584	1971	0	12.9		
82.74	1985.834		0			
82.77	1986.417	1976	0	12.6		
82.78	1986.667		0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
82.79	1987.000		0			
82.81	1987.500	1975	0	13		
82.82	1987.584		0			
82.82	1987.750		0			
82.85	1988.334	1964	0	14.2		
82.86	1988.584		0			
82.88	1989.167	1974	0	15.2		
82.89	1989.417		0			
82.92	1990.167	1993	0	10.6		
82.93	1990.250	1999	0			
82.93	1990.334	1994	0			
82.93	1990.417	2006	0	1.8		
82.96	1991.000	1997	0	5.4		
82.98	1991.500		0			
83.00	1992.084	1977	0	14.9		
83.02	1992.417		0			
83.04	1992.917	1978	0	15.2		
83.05	1993.167	2022	0			
83.06	1993.417	2025	0			
83.07	1993.584		0			
83.08	1994.000		0			
83.09	1994.167	1993	0	13.6		
83.10	1994.417	2023	0			
83.11	1994.667	2025	0			
83.12	1994.917	2024	0			
83.13	1995.084		0			
83.14	1995.417	2025	0			
83.16	1995.834		0			
83.17	1996.000	2005	0			
83.17	1996.167	2020	0	13.7		
83.18	1996.334		0			
83.20	1996.750		0			
83.21	1997.000	2016	0	9.9		
83.22	1997.167	2023	0			
83.23	1997.417	2024	0	0		
83.24	1997.667	2024	0			
83.25	1997.917	2023	0	2		
83.26	1998.167		0			
83.26	1998.250		0			
83.27	1998.584		0			
83.28	1998.834	2001	0	11.9		
83.30	1999.167	2018	0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
83.31	1999.334		0			
83.32	1999.750		0			
83.33	2000.000	2001	0	8		
83.34	2000.167	2014	0			
83.35	2000.417	2026	0	1.9		
83.36	2000.667	2016	0			
83.37	2000.917	2015	0	0		
83.38	2001.167	2014	0			
83.39	2001.417	2013	0	0		
83.40	2001.667	2013	0			
83.41	2001.917	2010	0	2		
83.42	2002.167	2007	0			
83.43	2002.417	2006	0	6		
83.44	2002.667	2009	0			
83.45	2002.917	2008	0	2		
83.47	2003.167	2008	0			
83.48	2003.417	2008	0	0		
83.49	2003.667	2007	0			
83.50	2003.917	2009	0	0		
83.51	2004.167	2005	0			
83.52	2004.417	2005	0	5.9		
83.53	2004.667	2003	0			
83.54	2004.917	2006	0	3.9		
83.54	2004.917		0			
83.55	2005.167	2005	0			
83.56	2005.417	2005	0			
83.57	2005.667	2005	0			
83.58	2005.917	2005	0			
83.59	2006.167	2002	0			
83.60	2006.417	2003	0	3.9		
83.61	2006.667	2002	0			
83.62	2006.917	2002	0	5.9		
83.63	2007.167	2003	0			
83.64	2007.417	2003	0			
83.65	2007.667	2003	0			
83.66	2007.917	2003	0			
83.67	2008.167	2001	0			
83.68	2008.417	2001	0	3.9		
83.69	2008.667	2001	0			
83.70	2008.917	2002	0	2		
83.72	2009.167	1998	0			
83.73	2009.417	2001	0	3.9		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
83.74	2009.667	2001	0			
83.75	2009.917	2001	0			
83.76	2010.167	2001	0			
83.77	2010.417	1998	0			
83.78	2010.667	2001	0			
83.79	2010.917	2000	0	3.8		
83.80	2011.167	2000	0			
83.82	2011.750	1977	0	13.4		
83.84	2012.167		0			
83.85	2012.334		0			
83.86	2012.750	1974	0	14.9		
83.88	2013.000		0			
83.90	2013.667	1984	0	14.5		
83.91	2013.917		0			
83.93	2014.417	1990	0	12.3		
83.96	2015.000		0			
83.98	2015.584	1990	0	13.3		
83.99	2015.750	2014	0			
83.99	2015.834	2015	0			
84.00	2015.917	2017	0			
84.00	2016.084		0			
84.03	2016.667	1995	0	10.9		
84.04	2016.917	2021	0			
84.05	2017.084		0			
84.06	2017.500		0			
84.07	2017.667	1996	0	11.7		
84.08	2017.917	2024	0			
84.09	2018.167	2026	0			
84.09	2018.250		0			
84.11	2018.667		0			
84.12	2018.834	2002	0	12.7		
84.12	2018.917	2009	0			
84.13	2019.167	2026	0			
84.14	2019.250		0			
84.15	2019.584		0			
84.16	2019.750	2010	0	10		
84.16	2019.917	2011	0	3.5		
84.17	2020.167	2029	0			
84.18	2020.417	2029	0			
84.19	2020.500		0			
84.20	2020.834		0			
84.21	2021.084	2012	0	10.5		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
84.23	2021.417	2027	0			
84.24	2021.667	2028	0			
84.25	2021.917	2027	0			
84.25	2022.000		0			
84.27	2022.417		0			
84.27	2022.584	2007	0	10.9		
84.29	2022.917	2024	0			
84.30	2023.167	2025	0			
84.31	2023.417		0			
84.31	2023.500		0			
84.33	2023.917		0			
84.34	2024.084	2006	0	11.1		
84.34	2024.167	2006	0			
84.35	2024.417	2022	0			
84.36	2024.667	2023	0			
84.37	2024.917	2022	0			
84.38	2025.084		0			
84.39	2025.417		0			
84.40	2025.667	2005	0	7.4		
84.41	2025.917	2017	0	4		
84.43	2026.417	2024	0			
84.44	2026.500		0			
84.45	2026.834		0			
84.46	2027.084	2007	0	7.7		
84.47	2027.334		0			
84.49	2027.750		0			
84.50	2028.000	1986	0	19.5		
84.52	2028.417		0			
84.53	2028.750		0			
84.54	2028.917	1939	0	13.7		
84.55	2029.250		0			
84.56	2029.334	1798	340			
84.56	2029.384		459			
84.56	2029.417	1778	459			
84.56	2029.500	1780	578			
84.57	2029.584	1789	505			
84.57	2029.617		440.5			
84.57	2029.667	1802	376			
84.57	2029.750	1810	559			
84.58	2029.834	1814	501			
84.58	2029.917	1818	497	41.7		
84.58	2030.000	1822	520			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
84.59	2030.084	1825	457			
84.59	2030.167	1823	443			
84.59	2030.250	1829	490			
84.60	2030.334	1810	541			
84.60	2030.417	1789	694	23.6		
84.60	2030.500	1763	264			
84.61	2030.584	1758	552			
84.61	2030.667	1755	490			
84.61	2030.750	1760	464			
84.62	2030.834	1767	500			
84.62	2030.917	1773	384	19.4		
84.63	2031.167	1784	391			
84.64	2031.417	1786	371	11.4		
84.65	2031.667	1753	591			
84.66	2031.917	1702	706	25.6		
84.67	2032.167	1716	376			
84.68	2032.417	1736	298	15.6		
84.69	2032.667	1748	276			
84.70	2032.750		269			
84.70	2032.917	1759	262	14.8		
84.72	2033.167	1768	256			
84.73	2033.417	1775	248	10.6		
84.74	2033.667	1778	245			
84.75	2033.917	1766	335	11.2		
84.75	2034.084		564.5			
84.76	2034.167	1697	794			
84.76	2034.250		689.5			
84.77	2034.417	1670	585	25.3		
84.78	2034.667	1691	344			
84.78	2034.750		321			
84.79	2034.917	1705	298	27.9		
84.80	2035.167	1719	237			
84.81	2035.417	1730	233	11		
84.81	2035.450		230.5			
84.82	2035.667	1738	228			
84.83	2035.917	1745	216	11.7		
84.84	2036.167	1747	227			
84.85	2036.417	1737	308	14		
84.86	2036.667	1693	664			
84.87	2036.917	1605	532	11		
84.88	2037.167	1673	406			
84.89	2037.417	1689	263	15.1		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
84.90	2037.667	1708	227			
84.91	2037.917	1712	206	7.7		
84.92	2038.167	1721	186			
84.93	2038.334		173.5			
84.93	2038.417	1730	161	9.7		
84.94	2038.667	1745	148			
84.95	2038.917	1745	134	7.9		
84.97	2039.167	1752	129			
84.98	2039.417	1759	115	7.8		
84.99	2039.667	1764	96			
85.00	2039.917	1769	101	4		
85.01	2040.167	1774	97			
85.02	2040.417	1780	71	7.9		
85.03	2040.667	1783	78			
85.04	2040.917	1786	74	4		
85.05	2041.167	1789	70			
85.06	2041.417	1792	71	4		
85.07	2041.667	1793	66			
85.08	2041.917	1795	64	7.9		
85.09	2042.167	1798	35			
85.10	2042.417	1798	62	2		
85.11	2042.667	1799	53			
85.12	2042.917	1800	52	5.9		
85.13	2043.167	1800	37			
85.14	2043.417	1799	43	0		
85.15	2043.667	1798	42			
85.16	2043.917	1798	57	4		
85.17	2044.167	1800	51			
85.18	2044.417	1800	52	2		
85.19	2044.667	1800	37			
85.20	2044.917	1800	44	0		
85.22	2045.167	1799	33			
85.23	2045.417	1800	22	0		
85.24	2045.667	1800	25			
85.25	2045.917	1799	130	2		
85.26	2046.167	1798	70			
85.27	2046.417	1800	25	2		
85.28	2046.667	1800	31			
85.28	2046.750		40.5			
85.29	2046.917	1800	50	1.9		
85.30	2047.167	1802	40			
85.31	2047.417	1802	0	0		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
85.31	2047.500		0			
85.32	2047.667	1803	0			
85.33	2047.917	1803	0	0		
85.34	2048.167	1805	0			
85.35	2048.417	1804	0	2		
85.36	2048.667	1806	0			
85.37	2048.917	1807	0	2		
85.38	2049.167	1807	0			
85.39	2049.417	1806	0	3.9		
85.40	2049.667	1809	0			
85.41	2049.917	1809	0			
85.42	2050.167	1810	0			
85.43	2050.417	1811	0			
85.44	2050.584		0			
85.45	2050.917		0			
85.47	2051.167	1807	0	11.8		
85.48	2051.417		0			
85.49	2051.834		0			
85.50	2052.084	1813	0			
85.51	2052.167		0	5.8		
85.52	2052.417	1814	0	2		
85.53	2052.667	1815	0			
85.54	2052.917	1816	0			
85.56	2053.417	1818	0			
85.56	2053.500		0			
85.59	2054.084	1808	0	11.5		
85.60	2054.334		0			
85.62	2054.917	1814	0	6.3		
85.64	2055.250		0			
85.66	2055.834	1797	0	12.5		
85.67	2056.000		0			
85.69	2056.584	1793	0	14.6		
85.70	2056.750		0			
85.72	2057.250	1812	0	10.5		
85.73	2057.500		0			
85.75	2058.084	1830	0	8.5		
85.77	2058.417	1834	0	3.6		
85.77	2058.500	1836	0			
85.78	2058.667		0			
85.79	2059.000		0			
85.82	2059.667	1777	0	12.3		
85.83	2059.917		0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
85.85	2060.417		0	12.2		
85.86	2060.584		0			
85.88	2061.084	1734	0	10.4		
85.89	2061.250	1734	0			
85.89	2061.334	1728	0			
85.89	2061.417	1725	0			
85.90	2061.500	1725	0	14.5		
85.90	2061.584	1705	0			
85.90	2061.667	1696	0			
85.91	2061.750	1686	0			
85.91	2061.834	1662	0			
85.91	2061.917	1646	0	22.5		
85.92	2062.000	1637	834			
85.92	2062.084	1639	436			
85.93	2062.250	1656	381			
85.93	2062.417	1667	272	12.8		
85.94	2062.584	1676	254			
85.95	2062.750	1684	181			
85.95	2062.917	1692	145	7.4		
85.96	2063.084	1698	128			
85.97	2063.250	1705	120			
85.98	2063.417	1708	144	7.6		
85.98	2063.584	1714	57			
85.99	2063.750	1717	70			
86.00	2063.917	1718	87	3.8		
86.01	2064.167	1722	37			
86.01	2064.334		0			
86.02	2064.417	1723	0	1.9		
86.03	2064.667	1723	0			
86.04	2064.917	1723	0			
86.05	2065.167	1723	0			
86.06	2065.417	1722	0	1.9		
86.07	2065.667	1723	0			
86.08	2065.917	1723	0			
86.09	2066.167	1723	0			
86.10	2066.417	1722	0			
86.11	2066.667	1721	0			
86.12	2066.917	1722	0	1.9		
86.13	2067.167	1722	0			
86.14	2067.417	1723	0			
86.15	2067.667	1722	0			
86.16	2067.917	1724	0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
86.17	2068.167	1725	0			
86.18	2068.417	1725	0			
86.19	2068.667	1725	0			
86.20	2068.917	1726	0			
86.21	2069.000		0			
86.21	2069.084		0			
86.23	2069.417		0			
86.24	2069.834		0			
86.26	2070.167	1727	0	11.6		
86.27	2070.417	1728	0			
86.28	2070.667	1729	0			
86.29	2070.917	1729	0	1.9		
86.30	2071.167	1730	0			
86.31	2071.417	1730	0			
86.31	2071.500		0			
86.33	2071.917		0			
86.34	2072.250	1730	0	8		
86.35	2072.417	1730	0			
86.36	2072.667	1732	0			
86.37	2072.917	1732	0			
86.40	2073.500		0			
86.40	2073.667	1737	0	11.8		
86.41	2073.917	1737	0			
86.42	2074.084		0			
86.45	2074.917		0			
86.47	2075.167	1738	0	9.9		
86.48	2075.417	1740	0			
86.49	2075.667		0			
86.50	2076.084		0			
86.51	2076.334	1744	0	7.9		
86.52	2076.417	1745	0			
86.53	2076.667	1746	0			
86.54	2076.917	1748	0			
86.55	2077.167	1748	0			
86.56	2077.417	1748	0			
86.57	2077.584		0			
86.60	2078.500	1749	0	13.9		
86.62	2078.834		0			
86.64	2079.334		0			
86.65	2079.667	1750	0	12.3		
86.66	2079.917		0			
86.70	2080.750	1756	0	13		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
86.72	2081.250		0			
86.75	2081.917	1764	0	11.7		
86.75	2082.084		0			
86.78	2082.834	1772	0	12.7		
86.80	2083.084		0			
86.83	2083.917	1758	0	11.7		
86.84	2084.167		0			
86.87	2084.917	1761	0	12.3		
86.89	2085.250		0			
86.91	2085.917	1761	0	12.7		
86.92	2086.084		0			
86.94	2086.584	1744	0	13.1		
86.96	2087.000		0			
86.98	2087.500	1725	0	11.4		
86.99	2087.750		0			
87.01	2088.334	1725	0	11.6		
87.02	2088.417	1747	0			
87.03	2088.667	1755	0			
87.04	2088.917	1757	0			
87.05	2089.167		0			
87.07	2089.667		0			
87.08	2089.834	1742	0	11.8		
87.08	2089.917	1750	0			
87.09	2090.167	1756	0			
87.10	2090.417		0			
87.11	2090.584		0			
87.12	2090.834	1759	0	3.9		
87.12	2090.917		0			
87.15	2091.500		0			
87.16	2091.750	1758	0	15.8		
87.18	2092.250		0			
87.19	2092.667		0			
87.20	2092.917	1751	0	11.9		
87.22	2093.250		0			
87.24	2093.750		0			
87.25	2094.000	1751	0	11.9		
87.26	2094.167	1766	0			
87.27	2094.417		0			
87.29	2094.917		0			
87.30	2095.167	1758	0	10		
87.31	2095.417		0			
87.33	2096.000		0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
87.34	2096.250	1765	0	7.9		
87.36	2096.667		0			
87.37	2096.917	1765	0	1.9		
87.38	2097.167	1765	0			
87.39	2097.417	1764	0			
87.40	2097.667	1762	0			
87.41	2097.750		0			
87.42	2098.167		0			
87.43	2098.417	1761	0	11.8		
87.45	2098.750		0			
87.47	2099.167		0			
87.47	2099.334	1755	0	11.6		
87.48	2099.584		0			
87.50	2100.084		0			
87.51	2100.250	1752	0	11.5		
87.52	2100.417		0			
87.53	2100.834		0			
87.54	2101.000	1746	0	11.3		
87.54	2101.000		0			
87.56	2101.334		0			
87.58	2101.917	1748	0	11.1		
87.59	2102.084		0			
87.59	2102.250		0			
87.62	2102.834	1764	0	7.2		
87.63	2103.084		0			
87.64	2103.334		0	3.5		
87.64	2103.334		0			
87.67	2104.000	1707	0	12.1		
87.68	2104.250		0			
87.68	2104.417	1701	0			
87.69	2104.500	1705	0			
87.69	2104.584	1719	0			
87.69	2104.667	1724	0	14.9		
87.70	2104.750	1728	0			
87.70	2104.834	1729	0			
87.70	2104.917	1724	0	6.2		
87.71	2105.084	1713	0			
87.72	2105.250	1721	0			
87.73	2105.417	1722	0	10.3		
87.74	2105.667	1693	0			
87.75	2105.917	1674	0	19		
87.76	2106.167	1545	0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
87.77	2106.417	1554	0	20.9		
87.78	2106.667	1572	0			
87.79	2106.917	1586	0	11		
87.80	2107.167	1589	0			
87.81	2107.417	1590	0	15		
87.82	2107.667	1565	0			
87.83	2107.917	1516	0	19.2		
87.84	2108.167	1492	0			
87.85	2108.417	1511	0	15.7		
87.86	2108.667	1523	0			
87.87	2108.917	1501	0	13.8		
87.88	2109.167	1443	0			
87.89	2109.417	1420	0	17.9		
87.90	2109.667	1467	0			
87.91	2109.917	1488	0			
87.92	2110.167	1496	0			
87.93	2110.250		0			
87.95	2110.917		0			
87.99	2111.750	1505	0			
87.99	2111.834	1504	0			
88.00	2111.917	1504	0			
88.00	2112.000	1503	0			
88.00	2112.084	1503	0			
88.01	2112.167	1503	0			
88.02	2112.417	1502	0			
88.03	2112.667	1502	0			
88.04	2112.917		0			
88.05	2113.084		0			
88.05	2113.167	1499	0			
88.06	2113.417	1497	0			
88.07	2113.667	1495	0			
88.08	2113.917	1494	0			
88.09	2114.167	1493	0			
88.10	2114.417	1492	0			
88.11	2114.667	1491	0			
88.12	2114.917	1491	0			
88.13	2115.167	1490	0			
88.14	2115.417	1489	0			
88.15	2115.667	1488	0			
88.16	2115.917	1488	0			
88.18	2116.250	1484	0			
88.18	2116.334	1486	0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
88.18	2116.417	1485	0			
88.19	2116.667	1485	0			
88.20	2116.917	1484	0			
88.22	2117.167	1484	0			
88.23	2117.417	1484	0			
88.24	2117.667	1484	0			
88.25	2117.917	1484	0			
88.27	2118.417	1485	0			
88.29	2118.917	1487	0			
88.31	2119.417	1489	0			
88.33	2119.917	1492	0			
88.35	2120.417	1494	0			
88.37	2120.917	1497	0			
88.39	2121.417	1499	0			
88.41	2121.917	1502	0			
88.43	2122.417	1504	0			
88.45	2122.917	1506	0			
88.48	2123.417	1508	0			
88.50	2123.917	1511	0			
88.52	2124.417	1512	0			
88.54	2124.917	1514	0			
88.56	2125.417	1516	0			
88.57	2125.750	1516	0			
88.58	2125.917	1516	0			
88.58	2126.000	1497	63			
88.59	2126.084	1389	478			
88.59	2126.167	1342	864			
88.59	2126.250	1262	684			
88.60	2126.334	1201	682			
88.60	2126.417	1159	787			
88.60	2126.500	1121	518			
88.61	2126.584	1053	656			
88.61	2126.667	981	644			
88.61	2126.750	926	600			
88.62	2126.834		430			
88.62	2126.917	814	260			
88.63	2127.084	718	439			
88.64	2127.250	620	333			
88.64	2127.417	533	282			
88.65	2127.584	456	239			
88.66	2127.750	383	200			
88.66	2127.917	311	167			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
88.67	2128.167	222	155			
88.68	2128.250		151			
88.68	2128.417	31	147			
88.69	2128.667	2	21			
88.70	2128.917		0			
88.73	2129.584	1	0			
88.74	2129.667	23	0			
88.74	2129.750	21	0			
88.78	2130.667	-8	0			
88.83	2132.000	1984	0			
88.85	2132.500	2241	0			
88.86	2132.750	2278	0			
88.87	2132.834	3172	0			
88.88	2133.000		0	-534.6		
88.88	2133.084	1490	0			
88.88	2133.167	799	0			
88.89	2133.250	620	0			
88.89	2133.334	282	0			
88.89	2133.417	77	0	18.9		
88.90	2133.584	13	0			
88.91	2133.917	4	0	8.1		
88.93	2134.417	4	0	1.5		
88.95	2134.917	1	0			
88.98	2135.417	1	0			
89.00	2135.917	1	0			
89.00	2136.084	1	0			
89.02	2136.417	1	0			
89.02	2136.500	1	0			
89.03	2136.667	1	0			
89.04	2136.917	1	0			
89.12	2138.917	1	0			
89.16	2139.917	1	0			
89.20	2140.917	1	0			
89.25	2141.917	1	0			
89.29	2142.917	1	0			
89.33	2143.917	1	0			
89.37	2144.917	1	0			
89.41	2145.917	1	0			
89.45	2146.917	1	0			
89.50	2147.917	1	0			
89.54	2148.917	1	0			
89.58	2149.917	1	0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
89.62	2150.917	0	0			
89.66	2151.917	0	0			
89.70	2152.917	0	0			
89.75	2153.917	0	0			
89.79	2154.917	0	0			
89.83	2155.917	0	0			
89.87	2156.917	0	0			
89.91	2157.917	0	0			
89.95	2158.917	0	0			
89.96	2159.000	0	0			
89.96	2159.084		0			
90.00	2159.917	0	0			
90.07	2161.750		0			
90.08	2161.917	0	0			
90.12	2162.917	0	0			
90.16	2163.917	0	0			
90.20	2164.917	0	0			
90.25	2165.917	0	0			
90.29	2166.917	0	0			
90.33	2167.917	0	0			
90.37	2168.917	0	0			
90.41	2169.917	0	0			
90.45	2170.917	0	0			
90.50	2171.917	0	0			
90.54	2172.917	0	0			
90.57	2173.667		0			
90.57	2173.750		0			
90.60	2174.417		0			
90.72	2177.250		0			
90.73	2177.417		0	-10.3		
90.73	2177.500		0			
90.81	2179.417		0			
90.82	2179.750		0			
90.87	2180.917		0			
90.98	2183.584		0	-20		
91.03	2184.667		0	-6.3		
91.04	2184.917		0			
91.05	2185.167		0			
91.08	2185.917	0	0			
91.12	2186.917	0	0			
91.16	2187.917	0	0			
91.20	2188.917	0	0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
91.25	2189.917	0	0			
91.29	2190.917	0	0			
91.33	2191.917	0	0			
91.37	2192.917	0	0			
91.41	2193.917	0	0			
91.45	2194.917	0	0			
91.50	2195.917	0	0			
91.54	2196.917	0	0			
91.57	2197.584		0			
91.58	2197.834		0			
91.58	2197.917		0			
92.05	2209.167		0	-200.7		
92.06	2209.417		0			
92.54	2220.917		0			
92.57	2221.667		0			
92.64	2223.417		0			
92.68	2224.417		0			
92.77	2226.417		0			
93.54	2244.917		0			
93.56	2245.417		0			
93.93	2254.417		0			
94.04	2256.917		0			
94.54	2268.917		0			
94.58	2269.917		0			
95.02	2280.417		0			
95.04	2280.917		0			
95.54	2292.917		0			
95.66	2295.917		0			
95.69	2296.667		0			
95.70	2296.917		0			
95.74	2297.667		0			
95.74	2297.750		0			
95.75	2298.084		0			
95.77	2298.417		0			
95.84	2300.167		0			
95.85	2300.417		0			
95.86	2300.750		0			
95.87	2300.917		0			
95.89	2301.334		0			
95.92	2302.167		0			
95.93	2302.250		0			
95.94	2302.584		0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
95.95	2302.750		0			
96.02	2304.584		0			
96.03	2304.667		0			
96.05	2305.084		0			
96.05	2305.167		0	-224.6		
96.54	2316.917		0			
96.56	2317.417		0			
96.59	2318.167		0			
96.60	2318.417		0			
96.63	2319.167		0			
96.66	2319.750		0			
96.70	2320.834		0			
96.71	2321.084		0			
96.73	2321.584		0			
96.78	2322.667		0			
96.78	2322.834		0			
96.80	2323.084		0			
96.80	2323.167		0			
96.86	2324.667		0			
96.87	2324.917		0			
96.91	2325.917		0			
96.94	2326.584		0			
97.03	2328.667		0			
97.04	2328.917		0	-306.9		
97.54	2340.917		0			
97.55	2341.167		0			
97.56	2341.417		0			
97.58	2341.917		0			
97.59	2342.167		0			
97.62	2342.917		0			
97.64	2343.417		0			
97.66	2343.917		0			
97.68	2344.417		0			
98.04	2352.917		0	-40.6		
98.04	2352.917		0			
98.54	2364.917		0			
98.56	2365.417		0			
98.72	2369.167		0			
98.72	2369.250		0	-15.5		
98.73	2369.417		0			
98.81	2371.417		0			
98.83	2371.917		0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
98.88	2373.084		0			
98.90	2373.584		0			
99.04	2376.917		0			
99.54	2388.917		0			
99.56	2389.417		0			
99.74	2393.667		0			
109.58	2629.917		0			
110.58	2653.917		0			
111.58	2677.917		0			
111.73	2681.417		0			
111.84	2684.084		0			
111.88	2685.167		0			
111.93	2686.417		0			
111.97	2687.250		0			
111.99	2687.667		0			
112.53	2700.667		0			
112.73	2705.417		0			
112.75	2705.917	-2	0	12.4		
112.76	2706.167		0			
112.77	2706.584	-2	0	7.9		
112.78	2706.667		0			
112.80	2707.117	-2	0	7.1		
112.80	2707.250		0			
112.82	2707.600	-2	0	4.5		
112.82	2707.750		0			
112.84	2708.084	-2	0	4.6		
112.84	2708.167		0			
112.86	2708.534	-3	0	4.7		
112.86	2708.750		0			
112.88	2709.084	-3	0	8.2		
112.89	2709.250		0			
112.90	2709.584	-3	0	3.4		
112.91	2709.750		0			
112.93	2710.200	-3	0	12		
112.93	2710.417		0			
112.94	2710.667		0			
112.94	2710.667		0			
112.95	2710.784	-5	0	12.5		
112.95	2710.917		0			
112.98	2711.417	4	0	7.4		
112.98	2711.584		0			
113.00	2711.884	-1	0	7.4		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
113.01	2712.250		0			
113.03	2712.650	-1	0	7.6		
113.06	2713.417		0			
113.08	2713.834	-3	0	3.8		
113.09	2714.250		0			
113.11	2714.700	-3	0	11.5		
113.13	2715.050		0			
113.15	2715.500	-3	0	7.8		
113.16	2715.917		0			
113.18	2716.417	-3	0	9.9		
113.20	2716.917		0			
113.22	2717.334	-3	0	7.8		
113.23	2717.500		0			
113.25	2717.917	-3	0	7.9		
113.26	2718.250		0			
113.28	2718.750	-3	0	9.9		
113.29	2719.000		0			
113.31	2719.500	-3	0	8		
113.32	2719.750		0			
113.34	2720.250	-3	0	9.9		
113.35	2720.417		0			
113.37	2720.917	-3	0	7.9		
113.39	2721.250		0			
113.40	2721.667	-3	0	7.9		
113.42	2722.084		0			
113.43	2722.417		0			
113.43	2722.417		0			
113.44	2722.584	-3	0	5.9		
113.45	2722.917		0			
113.48	2723.417	-3	0	7.8		
113.48	2723.584		0			
113.50	2724.000	-4	0	7.7		
113.51	2724.167		0			
113.52	2724.584	-4	0	5.8		
113.55	2725.167		0			
113.56	2725.500		0			
113.58	2725.850	-4	0	7.6		
113.58	2726.000		0			
113.60	2726.317	-4	0	5.7		
113.60	2726.500		0			
113.62	2726.867	-4	0	9.3		
113.63	2727.000		0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
113.64	2727.384	-3	0	9.9		
113.65	2727.500		0			
113.66	2727.834	-4	0	9.9		
113.67	2728.000		0			
113.68	2728.367	-3	0	9.8		
113.69	2728.500		0			
113.70	2728.850	-4	0	9		
113.71	2729.000		0			
113.72	2729.334	-4	0	7.8		
113.73	2729.500		0			
113.75	2729.884	-3	0	8.3		
113.75	2729.950		0			
113.76	2730.300	-3	0	6.8		
113.77	2730.367		0			
113.78	2730.734	-3	0	8.7		
113.78	2730.834		0			
113.80	2731.184	-3	0	7.1		
113.80	2731.284		0			
113.82	2731.600	-3	0	5.5		
113.82	2731.750		0			
113.83	2732.034	-4	0	5.5		
113.85	2732.300		0			
113.86	2732.650	-4	0	9.3		
113.87	2732.784		0			
113.88	2733.084	-4	0	9.5		
113.89	2733.250		0			
113.90	2733.567	-4	0	7.7		
113.91	2733.834		0			
113.91	2733.917		0			
113.91	2733.917		0			
113.92	2734.134	-4	0	7.7		
113.93	2734.267		0			
113.94	2734.600	-4	0	7.8		
113.95	2734.750		0			
113.96	2735.050	-4	0	7.9		
113.97	2735.167		0			
113.98	2735.500	-4	0	7.9		
113.98	2735.600		0			
114.00	2735.950	-3	0	5.9		
114.01	2736.267		0			
114.03	2736.600	-3	0	6		
114.05	2737.167		0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
114.07	2737.584	-3	0	7.9		
114.08	2737.834		0			
114.09	2738.250	6	0	9.9		
114.11	2738.584		0			
114.12	2738.917	8	0	8		
114.14	2739.334		0			
114.16	2739.750	11	0	7.9		
114.17	2740.084		0			
114.19	2740.584	14	0	5.8		
114.21	2741.084		0			
114.23	2741.500	17	0	7.9		
114.24	2741.834		0			
114.26	2742.250	21	0	3.9		
114.27	2742.584		0			
114.30	2743.084	24	0	5.8		
114.32	2743.750		0			
114.33	2743.917		0			
114.33	2744.000	25	0	5.8		
114.34	2744.084	25	0			
114.34	2744.167	25	0			
114.35	2744.417	28	0			
114.36	2744.667	29	0			
114.37	2744.917	29	0			
114.39	2745.417	32	0	7.6		
114.41	2745.834		0			
114.43	2746.334	32	0	7.6		
114.43	2746.334		0			
114.43	2746.334		0			
114.45	2746.750		0			
114.47	2747.250	35	0	7.4		
114.49	2747.750		0			
114.51	2748.167	38	0	11		
114.51	2748.334		0			
114.53	2748.750	38	0	7.1		
114.54	2749.000		0			
114.56	2749.384	41	0	8.8		
114.56	2749.500		0			
114.58	2749.900	41	0	8.4		
114.58	2750.034		0			
114.60	2750.434	41	0	8.2		
114.61	2750.584		0			
114.62	2750.984	47	0	7.8		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
114.63	2751.167		0			
114.65	2751.550	48	0	8.9		
114.65	2751.667		0			
114.67	2752.134	49	0	9.1		
114.68	2752.250		0			
114.69	2752.617	52	0	6.3		
114.70	2752.750		0			
114.71	2753.117	52	0	8.3		
114.72	2753.334		0			
114.74	2753.684	56	0	6.8		
114.75	2754.084		0			
114.77	2754.450	56	0	8.7		
114.77	2754.584		0			
114.79	2754.934	60	0	7.1		
114.80	2755.084		0			
114.81	2755.434	62	0	7.3		
114.82	2755.584		0			
114.83	2756.000	64	0	7.4		
114.84	2756.250		0			
114.86	2756.584	65	0	7.5		
114.86	2756.750		0			
114.88	2757.117	68	0	5.7		
114.89	2757.334		0			
114.90	2757.600	72	0	3.8		
114.91	2757.750		0			
114.91	2757.917		0			
114.91	2757.917		0			
114.92	2758.134	76	0	9.6		
114.92	2758.184		0			
114.94	2758.584	75	0	8.2		
114.94	2758.667		0			
114.96	2759.067	75	0	7.9		
114.98	2759.500		0			
114.99	2759.867	81	0	5.9		
115.00	2759.950		0			
115.01	2760.300	82	0	7.9		
115.05	2761.167		0			
115.07	2761.584	92	0	5.9		
115.08	2761.917		0			
115.10	2762.334	97	0	7.9		
115.11	2762.584		0			
115.13	2763.000	100	0	6		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
115.14	2763.250		0			
115.15	2763.667	105	0	5.9		
115.16	2763.750		0			
115.18	2764.250	109	0	6		
115.18	2764.417		0			
115.20	2764.917	114	0	5.9		
115.21	2765.084		0			
115.23	2765.584	118	0	4		
115.25	2765.917		0			
115.26	2766.334	121	0	9.8		
115.27	2766.500		0			
115.29	2766.917	124	0	7.9		
115.30	2767.084		0			
115.31	2767.500	126	0	5.8		
115.32	2767.667		0			
115.33	2768.000	128	0	7.7		
115.34	2768.167		0			
115.36	2768.584	133	0	7.6		
115.36	2768.750		0			
115.39	2769.334	138	0	7.6		
115.39	2769.334		0			
115.41	2769.750	142	0	5.6		
115.41	2769.917		0			
115.43	2770.334	146	0	7.4		
115.43	2770.417		0			
115.43	2770.417		0			
115.44	2770.500		0			
115.45	2770.917	151	0	5.4		
115.46	2771.000		0			
115.48	2771.417	152	0	7.1		
115.48	2771.584		0			
115.50	2771.917	153	0	7		
115.51	2772.167		0			
115.52	2772.500	157	0	6.8		
115.52	2772.584		0			
115.54	2772.917	157	0	6.7		
115.55	2773.167		0			
115.56	2773.484		0			
115.57	2773.784	171	0	4.9		
115.58	2774.000		0			
115.60	2774.350	172	0	7.8		
115.60	2774.417		0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
115.62	2774.817	173	0	7.7		
115.62	2774.917		0			
115.64	2775.267	175	0	8.3		
115.64	2775.417		0			
115.66	2775.767	178	0	7.9		
115.66	2775.917		0			
115.68	2776.234	181	0	7.1		
115.68	2776.334		0			
115.70	2776.684	182	0	6		
115.70	2776.750		0			
115.71	2777.100	188	0	7.8		
115.72	2777.250		0			
115.73	2777.600	193	0	4.9		
115.74	2777.834		0			
115.76	2778.134	199	0	6.7		
115.76	2778.217		0			
115.77	2778.584	202	0	6.8		
115.78	2778.750		0			
115.79	2779.067	206	0	5.3		
115.80	2779.250		0			
115.82	2779.617	208	0	7		
115.82	2779.667		0			
115.84	2780.050	209	0	7.3		
115.84	2780.250		0			
115.86	2780.567	212	0	9.2		
115.87	2780.834		0			
115.88	2781.134	216	0	7.5		
115.89	2781.250		0			
115.90	2781.584	216	0	5.7		
115.90	2781.684		0			
115.91	2781.917		0			
115.91	2781.917		0			
115.92	2782.000	221	0	5.7		
115.92	2782.084		0			
115.94	2782.467	226	0	5.8		
115.95	2782.750		0			
115.96	2783.050	226	0	5.8		
115.97	2783.217		0			
115.98	2783.600	229	0	7.8		
115.99	2783.667		0			
116.00	2784.000	226	0	7.9		
116.01	2784.334		0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
116.03	2784.684	235	0	7.9		
116.05	2785.167		0			
116.07	2785.584	239	0	5.9		
116.08	2785.917		0			
116.10	2786.300	244	0	6		
116.11	2786.584		0			
116.12	2786.917	247	0	5.9		
116.13	2787.084		0			
116.14	2787.417	251	0	4		
116.15	2787.584		0			
116.17	2788.000	255	0	5.9		
116.17	2788.167		0			
116.19	2788.584	256	0	6		
116.20	2788.750		0			
116.21	2789.084	259	0	5.9		
116.22	2789.250		0			
116.23	2789.584	262	0	4		
116.25	2789.917		0			
116.25	2789.917		0			
116.26	2790.250	264	0	7.8		
116.27	2790.500		0			
116.30	2791.084	268	0	4		
116.30	2791.084		0			
116.32	2791.667		0			
116.34	2792.084	273	0	9.8		
116.34	2792.167		0			
116.35	2792.500	280	0	3.8		
116.35	2792.500		0			
116.37	2792.917		0			
116.39	2793.334	284	0	3.9		
116.39	2793.334		0			
116.40	2793.584		0			
116.41	2793.917	284	0	5.7		
116.41	2793.917		0			
116.44	2794.667		0			
116.45	2794.917		0			
116.46	2795.000	286	0	7.6		
116.47	2795.167		0			
116.48	2795.500	291	0	7.5		
116.49	2795.750		0			
116.51	2796.167	294	0	5.6		
116.52	2796.584		0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
116.54	2797.017	302	0	9.1		
116.55	2797.167		0			
116.56	2797.467		0			
116.58	2797.850	308	0	8.9		
116.58	2798.000		0			
116.60	2798.417	310	0	8.7		
116.61	2798.534		0			
116.62	2798.917	313	0	6.7		
116.63	2799.050		0			
116.64	2799.434	315	0	8.8		
116.65	2799.517		0			
116.66	2799.917	327	0	7.2		
116.67	2800.034		0			
116.68	2800.400	332	0	6.5		
116.69	2800.500		0			
116.70	2800.900	338	0	5.6		
116.71	2801.034		0			
116.72	2801.384	347	0	7.4		
116.73	2801.500		0			
116.74	2801.867	355	0	7.7		
116.75	2802.000		0			
116.77	2802.384	367	0	8.2		
116.77	2802.500		0			
116.79	2802.850	386	0	5		
116.81	2803.384		0			
116.83	2803.834	419	0	8.6		
116.83	2803.917		0			
116.85	2804.350	429	0	8.7		
116.85	2804.500		0			
116.87	2804.867	442	0	7.2		
116.88	2805.000		0			
116.89	2805.417	448	0	7.4		
116.90	2805.667		0			
116.91	2805.917		0			
116.91	2805.917		0			
116.92	2806.134	472	0	8.8		
116.93	2806.334		0			
116.95	2806.700	490	0	7.2		
116.96	2806.934		0			
116.97	2807.334	505	0	6.5		
116.98	2807.484		0			
116.99	2807.850	515	0	5.6		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
117.01	2808.234		0			
117.03	2808.634	531	0	7.4		
117.06	2809.334		0			
117.08	2809.834	539	0	9.3		
117.09	2810.167		0			
117.11	2810.584	553	0	8.2		
117.11	2810.750		0			
117.13	2811.167	563	0	6.7		
117.14	2811.417		0			
117.16	2811.917	575	0	7		
117.17	2812.167		0			
117.19	2812.667	592	0	7		
117.20	2812.750		0			
117.22	2813.167	604	0	5.4		
117.22	2813.334		0			
117.24	2813.834	615	0	5.5		
117.25	2814.000		0			
117.27	2814.500	626	0	3.7		
117.28	2814.834		0			
117.30	2815.250	642	0	1.9		
117.31	2815.500		0			
117.33	2816.000	642	0	9.3		
117.34	2816.167		0			
117.36	2816.750	649	0	3.8		
117.38	2817.167		0			
117.40	2817.667	653	0	7.6		
117.41	2817.750		0			
117.43	2818.250	657	0	5.8		
117.43	2818.334		0			
117.45	2818.750	666	0	5.8		
117.45	2818.750		0			
117.45	2818.834		0			
117.47	2819.250	671	0	5.9		
117.47	2819.334		0			
117.49	2819.750	683	0	5.9		
117.49	2819.834		0			
117.51	2820.250	691	0	3.9		
117.52	2820.417		0			
117.54	2820.917	694	0	7.9		
117.55	2821.167		0			
117.56	2821.500		0			
117.58	2821.867	712	0	7.9		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
117.58	2821.917		0			
117.60	2822.300	723	0	7.9		
117.60	2822.367		0			
117.61	2822.750	733	0	8		
117.62	2822.817		0			
117.63	2823.200	744	0	8.8		
117.64	2823.350		0			
117.66	2823.734	761	0	7.2		
117.66	2823.834		0			
117.68	2824.217	778	0	6.5		
117.69	2824.517		0			
117.70	2824.917	797	0	5.6		
117.72	2825.267		0			
117.74	2825.700	811	0	8.9		
117.74	2825.867		0			
117.76	2826.250	819	0	7.8		
117.77	2826.417		0			
117.78	2826.784	828	0	8.2		
117.79	2826.967		0			
117.81	2827.350	842	0	6.7		
117.81	2827.500		0			
117.83	2827.884	854	0	7		
117.83	2827.967		0			
117.85	2828.334	865	0	7		
117.85	2828.417		0			
117.87	2828.784	876	0	7.2		
117.87	2828.917		0			
117.89	2829.250	889	0	7.4		
117.90	2829.484		0			
117.91	2829.750		0			
117.91	2829.750		0			
117.91	2829.834	904	0	5.6		
117.92	2829.967		0			
117.93	2830.334	916	0	7.5		
117.94	2830.500		0			
117.95	2830.884	926	0	5.7		
117.98	2831.500		0			
117.99	2831.867	938	0	5.8		
118.00	2831.984		0			
118.02	2832.384	940	0	7.7		
118.02	2832.467		0			
118.04	2832.850	941	0	7.8		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
118.05	2833.250		0			
118.07	2833.584	954	0	7.9		
118.07	2833.667		0			
118.08	2834.000	965	0	7.8		
118.09	2834.084		0			
118.10	2834.417	973	0	5.9		
118.10	2834.500		0			
118.12	2834.917	983	0	6		
118.13	2835.000		0			
118.14	2835.417	994	0	5.9		
118.15	2835.500		0			
118.16	2835.834	1005	0	6		
118.17	2836.000		0			
118.18	2836.417	1014	0	4		
118.20	2836.750		0			
118.22	2837.167	1018	0	7.9		
118.22	2837.167		0			
118.23	2837.584	1024	0	5.9		
118.24	2837.667		0			
118.25	2838.000	1029	0	7.9		
118.26	2838.167		0			
118.28	2838.667	1040	0	5.9		
118.28	2838.667		0			
118.29	2839.000	1047	0	7.9		
118.30	2839.084		0			
118.31	2839.500	1055	0	5.9		
118.32	2839.584		0			
118.33	2839.917	1062	0	7.7		
118.33	2839.917		0			
118.35	2840.334	1070	0	5.7		
118.35	2840.334		0			
118.36	2840.667	1076	0	5.7		
118.36	2840.750		0			
118.38	2841.084	1083	0	3.8		
118.40	2841.667		0			
118.42	2842.084	1097	0	7.4		
118.42	2842.167		0			
118.44	2842.500	1102	0	9.2		
118.44	2842.500		0			
118.45	2842.917	1110	0	5.4		
118.45	2842.917		0			
118.45	2842.917		0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
118.47	2843.334	1116	0	7		
118.47	2843.334		0			
118.49	2843.667	1125	0	5.3		
118.49	2843.667		0			
118.50	2844.084	1135	0	5.1		
118.50	2844.084		0			
118.52	2844.417	1141	0	6.7		
118.52	2844.500		0			
118.54	2844.917	1147	0	8.1		
118.55	2845.167		0			
118.55	2845.317		0			
118.57	2845.684	1164	0	9.1		
118.57	2845.784		0			
118.59	2846.167	1171	0	7.9		
118.59	2846.234		0			
118.61	2846.617	1179	0	9		
118.61	2846.684		0			
118.63	2847.084	1189	0	7.1		
118.63	2847.167		0			
118.65	2847.517	1197	0	5.9		
118.65	2847.650		0			
118.75	2850.050		0			
118.77	2850.484	1205	0	9.3		
118.77	2850.584		0			
118.79	2851.017	1209	0	8.2		
118.80	2851.100		0			
118.81	2851.500	1216	0	6.7		
118.82	2851.717		0			
118.84	2852.084	1219	0	7		
118.84	2852.167		0			
118.86	2852.584	1229	0	7		
118.86	2852.667		0			
118.88	2853.050	1236	0	7.2		
118.88	2853.150		0			
118.90	2853.534	1245	0	5.6		
118.90	2853.717		0			
118.93	2854.284	1251	0	7.1		
118.93	2854.367		0			
118.95	2854.834	1257	0	7.8		
118.97	2855.167		0			
118.98	2855.584	1263	0	7.6		
118.99	2855.650		0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
119.01	2856.134	1268	0	7.7		
119.01	2856.200		0			
119.03	2856.617	1276	0	7.8		
119.05	2857.167		0			
119.07	2857.667	1284	0	5.8		
119.07	2857.667		0			
119.09	2858.084	1284	0	7.9		
119.09	2858.084		0			
119.10	2858.500	1288	0	5.9		
119.10	2858.500		0			
119.13	2859.000	1295	0	5.9		
119.13	2859.167		0			
119.15	2859.584	1300	0	6		
119.15	2859.584		0			
119.17	2860.084	1305	0	5.9		
119.17	2860.084		0			
119.19	2860.500	1309	0	4		
119.20	2860.917		0			
119.22	2861.167		0			
119.22	2861.250	1312	0	4		
119.22	2861.250		0			
119.31	2863.334	1306	0			
119.31	2863.417	1306	0			
119.31	2863.500	1306	0			
119.32	2863.750	1306	0			
119.33	2864.000	1306	0			
119.34	2864.250	1305	0			
119.35	2864.417	1305	0			
119.37	2864.917	1304	0			
119.39	2865.417	1303	0			
119.41	2865.917	1309	0			
119.43	2866.417	1302	0			
119.45	2866.917	1301	0			
119.48	2867.417	1300	0			
119.50	2867.917	1299	0			
119.52	2868.417	1298	0			
119.54	2868.917	1298	0			
119.56	2869.417	1298	0			
119.56	2869.500	1281	0			
119.56	2869.534		0			
119.57	2869.584	1287	0			
119.57	2869.667	1290	0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
119.58	2869.917	1293	0			
119.59	2870.167	1294	0			
119.59	2870.250		0			
119.61	2870.617	1294	0	3.9		
119.61	2870.750		0			
119.64	2871.334	1293	0	8		
119.65	2871.550		0			
119.67	2872.000	1292	0	7.9		
119.67	2872.117		0			
119.69	2872.567	1293	0	7.8		
119.70	2872.717		0			
119.72	2873.200	1297	0	7.9		
119.72	2873.300		0			
119.74	2873.817	1300	0	5.9		
119.75	2873.917		0			
119.77	2874.367	1305	0	8.8		
119.77	2874.467		0			
119.79	2874.917	1312	0	8.4		
119.79	2875.067		0			
119.81	2875.500	1317	0	6.7		
119.82	2875.700		0			
119.84	2876.100	1324	0	7.1		
119.84	2876.217		0			
119.86	2876.650	1328	0	6		
119.86	2876.750		0			
119.88	2877.200	1334	0	6.2		
119.90	2877.500		0			
119.91	2877.917	1341	0	8.8		
119.92	2878.000		0			
119.93	2878.250		0			
119.93	2878.250		0			
119.93	2878.434	1347	0	8.4		
119.94	2878.584		0			
119.96	2878.984	1351	0	8.1		
119.96	2879.067		0			
119.98	2879.450	1357	0	7.2		
119.98	2879.517		0			
120.00	2879.917	1362	0	7.6		
120.00	2879.917		0			
120.00	2879.967		0			
120.02	2880.467	1370	0	6.3		
120.05	2881.250		0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
120.07	2881.667	1369	0	8.3		
120.07	2881.667		0			
120.09	2882.084	1378	0	5		
120.09	2882.084		0			
120.10	2882.500	1383	0	7		
120.11	2882.584		0			
120.13	2883.000	1389	0	7		
120.13	2883.000		0			
120.14	2883.417	1396	0	7.2		
120.14	2883.417		0			
120.16	2883.834	1401	0	7.4		
120.16	2883.834		0			
120.17	2884.167	1408	0	3.7		
120.19	2884.500		0			
120.20	2884.917	1412	0	5.6		
120.21	2885.000		0			
120.31	2887.417		0			
120.33	2887.834	1405	0	7.6		
120.33	2887.834		0			
120.34	2888.250	1410	0	7.7		
120.34	2888.250		0			
120.36	2888.667	1416	0	5.7		
120.36	2888.667		0			
120.38	2889.084	1420	0	5.9		
120.38	2889.167		0			
120.40	2889.500	1424	0	3.9		
120.40	2889.584		0			
120.42	2890.084	1431	0	8		
120.42	2890.084		0			
120.42	2890.167		0			
120.44	2890.584	1437	0	7.8		
120.46	2891.000		0			
120.48	2891.417	1440	0	7.9		
120.48	2891.417		0			
120.49	2891.834	1448	0	6		
120.49	2891.834		0			
120.51	2892.250	1454	0	5.9		
120.51	2892.250		0			
120.53	2892.667	1461	0	8		
120.56	2893.367		0			
120.57	2893.734	1465	0	5.9		
120.58	2893.917		0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
120.60	2894.334	1475	0	7.9		
120.60	2894.417		0			
120.62	2894.834	1482	0	7.9		
120.63	2895.000		0			
120.64	2895.350	1488	0	7.7		
120.64	2895.467		0			
120.66	2895.850	1496	0	7		
120.67	2896.000		0			
120.68	2896.367	1502	0	7.8		
120.69	2896.500		0			
120.70	2896.917	1510	0	5.6		
120.71	2897.117		0			
120.73	2897.534	1512	0	7.7		
120.74	2897.650		0			
120.75	2898.017	1521	0	4.3		
120.76	2898.250		0			
120.78	2898.617	1528	0	6.3		
120.78	2898.834		0			
120.80	2899.167	1532	0	6.6		
120.81	2899.334		0			
120.82	2899.750	1538	0	6.7		
120.83	2899.934		0			
120.84	2900.267	1546	0	7		
120.85	2900.384		0			
120.87	2900.817	1550	0	8.8		
120.87	2900.917		0			
120.89	2901.334	1559	0	7.2		
120.90	2901.500		0			
120.91	2901.850		0			
120.91	2901.850		0			
120.91	2901.917	1567	0	7.7		
120.92	2901.984		0			
120.93	2902.384	1574	0	7		
120.94	2902.500		0			
120.95	2902.917	1579	0	6.5		
120.96	2903.084		0			
120.98	2903.434	1587	0	6.9		
120.99	2903.767		0			
121.01	2904.167	1590	0	5.9		
121.01	2904.300		0			
121.03	2904.667	1597	0	7.7		
121.05	2905.250		0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
121.07	2905.584	1598	0	6.4		
121.07	2905.667		0			
121.08	2906.000	1607	0	6.6		
121.09	2906.250		0			
121.11	2906.667	1610	0	5		
121.11	2906.667		0			
121.13	2907.084	1616	0	5.3		
121.14	2907.250		0			
121.15	2907.667	1620	0	5.2		
121.16	2907.750		0			
121.17	2908.167	1623	0	3.5		
121.18	2908.417		0			
121.20	2908.917	1627	0	7.2		
121.20	2908.917		0			
121.22	2909.334	1632	0	5.6		
121.23	2909.417		0			
121.24	2909.834	1636	0	5.5		
121.24	2909.834		0			
121.26	2910.250	1639	0	5.6		
121.26	2910.250		0			
121.28	2910.667	1644	0	3.8		
121.28	2910.667		0			
121.30	2911.084	1646	0	3.8		
121.30	2911.167		0			
121.32	2911.667	1651	0	5.7		
121.32	2911.750		0			
121.34	2912.167	1656	0	7.7		
121.36	2912.667		0			
121.38	2913.084	1655	0	7.8		
121.38	2913.084		0			
121.40	2913.500	1664	0	5.9		
121.40	2913.500		0			
121.41	2913.917	1669	0	5.9		
121.42	2914.000		0			
121.42	2914.084		0			
121.43	2914.417	1672	0	5.9		
121.43	2914.417		0			
121.45	2914.834	1675	0	4		
121.45	2914.917		0			
121.47	2915.334	1680	0	5.9		
121.48	2915.417		0			
121.49	2915.834	1683	0	4		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
121.50	2915.917		0			
121.51	2916.334	1688	0	7.9		
121.51	2916.334		0			
121.52	2916.584	1692	0	4		
121.54	2916.917		0			
121.56	2917.417		0			
121.58	2917.834	1695	0	5.9		
121.58	2917.917		0			
121.60	2918.300	1703	0	8		
121.60	2918.417		0			
121.62	2918.784	1707	0	5.9		
121.63	2919.000		0			
121.64	2919.384	1714	0	7.8		
121.65	2919.500		0			
121.66	2919.917	1720	0	6		
121.68	2920.217		0			
121.69	2920.600	1724	0	7.8		
121.70	2920.834		0			
121.72	2921.217	1729	0	5.7		
121.73	2921.500		0			
121.75	2921.917	1733	0	6.7		
121.76	2922.284		0			
121.78	2922.634	1735	0	6.8		
121.78	2922.834		0			
121.80	2923.250	1739	0	5		
121.81	2923.467		0			
121.83	2923.850	1749	0	6.8		
121.84	2924.084		0			
121.85	2924.517	1756	0	8.7		
121.86	2924.750		0			
121.88	2925.117	1762	0	7.7		
121.89	2925.267		0			
121.90	2925.584		0			
121.90	2925.584		0			
121.90	2925.634	1767	0	6.4		
121.92	2926.017		0			
121.93	2926.417	1771	0	6.6		
121.94	2926.534		0			
121.95	2926.917	1776	0	6.8		
121.96	2927.034		0			
121.98	2927.450	1782	0	5.2		
122.00	2927.917		0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
122.02	2928.367	1783	0	8.8		
122.02	2928.417		0			
122.04	2928.884	1785	0	7.3		
122.05	2929.250		0			
122.07	2929.750	1785	0	7.4		
122.07	2929.750		0			
122.09	2930.167	1791	0	7.4		
122.09	2930.167		0			
122.11	2930.667	1788	0	5.7		
122.11	2930.667		0			
122.13	2931.084	1782	0	5.7		
122.13	2931.084		0			
122.15	2931.500	1769	0	7.7		
122.15	2931.500	1770	0			
122.15	2931.584	1771	0			
122.15	2931.667	1771	0			
122.16	2931.750	1774	0			
122.16	2931.917	1778	0			
122.17	2932.167	1777	0			
122.18	2932.417	1774	0			
122.19	2932.667	1778	0			
122.20	2932.917	1778	0			
122.23	2933.417	1777	0			
122.25	2933.917	1775	0	9.7		
122.25	2934.000		0			
122.27	2934.417	1781	0	5.9		
122.27	2934.500		0			
122.29	2935.000	1787	0	5.9		
122.30	2935.167		0			
122.32	2935.584	1791	0	3.9		
122.32	2935.750		0			
122.34	2936.250	1796	0	6		
122.34	2936.250		0			
122.36	2936.750	1799	0	5.9		
122.36	2936.750		0			
122.38	2937.167	1799	0	6		
122.38	2937.167		0			
122.40	2937.584	1787	0	5.9		
122.40	2937.667		0			
122.42	2938.167	1777	0	9.9		
122.42	2938.167		0			
122.42	2938.167		0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
122.43	2938.250	1765	0			
122.43	2938.334	1772	0			
122.43	2938.417	1774	0			
122.44	2938.667	1775	0			
122.45	2938.917	1769	0	8		
122.47	2939.167	1773	0			
122.48	2939.417	1779	0	1.9		
122.49	2939.667	1780	0			
122.50	2939.917	1781	0			
122.51	2940.167	1780	0			
122.52	2940.417	1778	0			
122.53	2940.667	1775	0			
122.54	2940.917	1776	0	4		
122.55	2941.167	1777	0			
122.56	2941.417	1776	0			
122.57	2941.667	1774	0			
122.58	2941.917	1774	0	0		
122.59	2942.167	1773	0			
122.60	2942.417	1771	0			
122.60	2942.450		0			
122.62	2942.884	1777	0	6.7		
122.63	2943.084		0			
122.65	2943.550	1777	0	4.4		
122.66	2943.917		0			
122.68	2944.334	1788	0	8.7		
122.69	2944.500		0			
122.71	2944.967	1794	0	6.9		
122.73	2945.417		0			
122.74	2945.784	1798	0	7.3		
122.76	2946.334		0			
122.78	2946.717	1800	0	6.1		
122.78	2946.800		0			
122.80	2947.250	1795	0	6.3		
122.81	2947.384		0			
122.82	2947.784	1793	0	8.3		
122.82	2947.784		0			
122.83	2947.834	1776	0			
122.83	2947.917	1765	0	3.4		
122.83	2948.000	1773	0			
122.84	2948.250		0	6.9		
122.85	2948.500		0			
122.85	2948.500		0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
122.86	2948.584	1769	0			
122.86	2948.667	1776	0			
122.86	2948.750	1775	0			
122.87	2948.834	1778	0			
122.87	2948.917	1780	0	1.7		
122.88	2949.167	1781	0			
122.89	2949.417	1783	0			
122.90	2949.500		0			
122.91	2949.884	1782	0	3.5		
122.92	2950.067		0			
122.94	2950.500		0			
122.94	2950.500		0			
122.94	2950.534	1768	0	5.6		
122.95	2950.800		0			
122.97	2951.250	1778	0	9.1		
122.99	2951.750		0			
122.99	2951.750		0			
123.01	2952.167	1770	0	7.8		
123.01	2952.167		0			
123.01	2952.250	1764	0			
123.01	2952.334	1772	0			
123.02	2952.417	1774	0	2.8		
123.03	2952.667	1778	0			
123.04	2952.917	1776	0			
123.05	2953.167	1775	0			
123.06	2953.417	1773	0			
123.07	2953.667	1768	0			
123.08	2953.917	1771	0	7.2		
123.10	2954.417	1773	0			
123.12	2954.917	1770	0			
123.14	2955.417	1766	0			
123.16	2955.917	1761	0			
123.18	2956.417	1759	0			
123.20	2956.917	1757	0			
123.23	2957.417	1754	0			
123.25	2957.917	1751	0			
123.27	2958.417	1749	0			
123.29	2958.917	1746	0			
123.31	2959.417	1744	0			
123.33	2959.917	1742	0			
123.35	2960.417	1740	0			
123.37	2960.917	1738	0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
123.39	2961.417	1736	0			
123.41	2961.917	1735	0			
123.43	2962.417	1733	0			
123.45	2962.917	1731	0			
123.48	2963.417	1730	0			
123.50	2963.917	1729	0			
123.52	2964.417	1727	0			
123.54	2964.917	1727	0			
123.56	2965.417	1725	0			
123.57	2965.584		0			
123.58	2966.034	1718	0	7.6		
123.59	2966.184		0			
123.61	2966.684	1730	0	6.3		
123.62	2966.767		0			
123.63	2967.184	1737	0	8.3		
123.64	2967.334		0			
123.66	2967.784	1734	0	6.8		
123.66	2967.917		0			
123.68	2968.350	1750	0	7		
123.69	2968.450		0			
123.70	2968.884	1762	0	7		
123.71	2969.000		0			
123.73	2969.450	1763	0	7.3		
123.73	2969.517		0			
123.75	2969.917	1780	0	6.2		
123.75	2970.117		0			
123.77	2970.517	1784	0	4.2		
123.78	2970.750		0			
123.80	2971.250	1793	0	8.4		
123.81	2971.417		0			
123.83	2971.884	1800	0	8.1		
123.83	2972.017		0			
123.85	2972.417	1787	0	8.7		
123.86	2972.584	1790	0			
123.86	2972.667	1781	0			
123.87	2972.917	1792	0	0		
123.89	2973.417	1782	0	9.9		
123.90	2973.667		0			
123.91	2973.917		0			
123.91	2973.917		0			
123.92	2974.084	1788	0	7.3		
123.94	2974.450		0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
123.95	2974.850	1779	0	8.1		
123.95	2974.917	1776	0			
123.96	2975.000	1775	0			
123.96	2975.084	1764	0			
123.97	2975.167	1782	0			
123.98	2975.417	1783	0	2.8		
123.98	2975.500		0			
124.00	2975.917	1775	0	8.9		
124.01	2976.334		0			
124.03	2976.750	1791	0	6.2		
124.05	2977.250		0			
124.07	2977.667	1779	0	4.9		
124.07	2977.750		0			
124.09	2978.167	1766	0	8.3		
124.10	2978.334		0			
124.11	2978.750	1746	0	12.1		
124.12	2978.834	1740	0			
124.12	2978.917	1747	0			
124.13	2979.167	1758	0			
124.14	2979.417	1763	0			
124.16	2979.917	1753	0	8.8		
124.17	2980.167		0			
124.19	2980.584	1767	0	7.3		
124.19	2980.667		0			
124.22	2981.250	1761	0	7.4		
124.22	2981.334	1757	0			
124.23	2981.417	1761	0	1.9		
124.24	2981.667		0			
124.25	2982.084	1755	0	7.5		
124.26	2982.167	1751	0			
124.26	2982.250	1756	0			
124.26	2982.334	1758	0			
124.27	2982.417		0			
124.28	2982.834	1751	0	9.5		
124.29	2982.917	1746	0			
124.29	2983.000	1744	0			
124.30	2983.084	1749	0			
124.31	2983.334	1754	0			
124.32	2983.584	1754	0			
124.33	2983.917	1751	0	9.7		
124.35	2984.417	1761	0			
124.37	2984.917	1754	0	7.8		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
124.38	2985.084		0			
124.40	2985.584	1748	0	7.9		
124.40	2985.667	1738	0			
124.41	2985.750	1738	0			
124.41	2985.834	1743	0	1.9		
124.41	2985.917		0			
124.43	2986.417	1738	0	7.9		
124.44	2986.500	1728	0			
124.44	2986.584	1732	0			
124.44	2986.667	1737	0	2		
124.44	2986.667		0			
124.47	2987.167	1727	0	9.9		
124.47	2987.250	1719	0			
124.47	2987.334	1727	0			
124.48	2987.417	1732	0	2		
124.49	2987.667		0			
124.51	2988.167	1732	0	5.9		
124.51	2988.250	1730	0			
124.51	2988.334	1735	0			
124.52	2988.417	1739	0	2		
124.52	2988.417	1739	0			
124.54	2988.917	1724	0	7.9		
124.54	2989.000	1719	0			
124.55	2989.084	1725	0			
124.55	2989.167	1727	0			
124.56	2989.417	1674	0	21.7		
124.57	2989.667	1629	0			
124.58	2989.917	1605	0	19.5		
124.59	2990.167	1588	0			
124.60	2990.417	1572	0	22.8		
124.61	2990.667	1559	0			
124.62	2990.917	1545	0	19.8		
124.63	2991.167	1527	0			
124.64	2991.417	1517	0	18.8		
124.65	2991.667	1514	0			
124.66	2991.917	1508	0	16.1		
124.66	2991.917		0			
124.67	2992.000	1512	0			
124.67	2992.084	1514	0			
124.67	2992.167	1518	0			
124.68	2992.417	1530	347	10.3		
124.70	2992.917	1532	406	12.3		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
124.73	2993.417	1515	513	14.7		
124.75	2993.917	1505	471	15.1		
124.77	2994.417	1500	414	13.5		
124.79	2994.917	1495	380	11.7		
124.81	2995.417	1488	399	13.8		
124.83	2995.917	1482	433	11.9		
124.85	2996.417	1475	393			
124.87	2996.917	1470	391	25.8		
124.89	2997.417	1464	396			
124.91	2997.917	1458	412	25.5		
124.91	2997.917		394			
124.91	2997.917		394			
124.93	2998.417	1452	376			
124.95	2998.917	1448	404	24.9		
124.98	2999.417	1442	385			
125.00	2999.917		383			
125.00	2999.917	1437	381	26		
125.02	3000.417	1432	381			
125.04	3000.917	1427	354	23.4		
125.06	3001.417	1424	366			
125.08	3001.917	1420	357	24.3		
125.10	3002.417	1416	355.8			
125.12	3002.917	1412	355.3	22.2		
125.14	3003.417	1408	359.2			
125.16	3003.917	1404	358.3	21.1		
125.18	3004.417	1400	350.8			
125.20	3004.917	1397	347.1	21.5		
125.23	3005.417	1394	335			
125.25	3005.917	1392	331	23.8		
125.27	3006.417	1389	334.5			
125.29	3006.917	1386	325.7	19.8		
125.31	3007.417	1383	331.1			
125.33	3007.917	1380	339.6	19.7		
125.35	3008.417	1377	331			
125.37	3008.917	1374	330.9	21.2		
125.39	3009.417	1371	329.2			
125.41	3009.917	1368	327.3	20.6		
125.43	3010.417	1365	332.2			
125.45	3010.917	1362	332.4	19.7		
125.48	3011.417	1358	336.6			
125.50	3011.917	1355	331.3	21.7		
125.52	3012.417	1351	336.6			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
125.54	3012.917	1348	330	20.7		
125.56	3013.417	1347	307			
125.58	3013.917	1346	308	15.5		
125.60	3014.417	1344	307			
125.62	3014.917	1342	315	18.7		
125.64	3015.417	1338	316			
125.66	3015.917	1336	314	15.9		
125.68	3016.417	1333	318			
125.70	3016.917	1330	318	21.6		
125.73	3017.417	1328	313			
125.75	3017.917	1324	312	17.8		
125.77	3018.417	1323	311			
125.79	3018.917	1320	316	16		
125.81	3019.417	1318	311			
125.83	3019.917	1316	309	17		
125.85	3020.417	1313	317			
125.87	3020.917	1310	300	19.9		
125.89	3021.417	1309	306			
125.91	3021.917	1307	314	18.6		
125.91	3021.917		317			
125.91	3021.917		317			
125.93	3022.417	1305	320			
125.95	3022.917	1302	312	17.9		
125.98	3023.417	1299	316			
126.00	3023.917	1297	316	18.7		
126.02	3024.417	1294	329			
126.04	3024.917	1291	336.9	17.3		
126.06	3025.417	1289	326.7			
126.08	3025.917	1287	322.1	19.6		
126.10	3026.417	1284	321.5			
126.12	3026.917	1282	318.2	19.8		
126.14	3027.417	1280	319.5			
126.16	3027.917	1277	323	15.8		
126.18	3028.417	1275	323.9			
126.20	3028.917	1272	333.2	17.8		
126.23	3029.417	1269	326.2			
126.25	3029.917	1267	328.8	19.6		
126.27	3030.417	1265	332.9			
126.29	3030.917	1263	328.2	17.2		
126.31	3031.417	1261	333.2			
126.33	3031.917	1259	330.8	16.8		
126.35	3032.417	1256	319.5			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
126.37	3032.917	1254	321.4	19.7		
126.39	3033.417	1252	323.6			
126.41	3033.917	1249	329.7	16.9		
126.25	3029.917		327.35			
126.43	3034.417	1247	325			
126.45	3034.917	1245	336.4	18.5		
126.48	3035.417	1242	326.8			
126.50	3035.917	1240	330.9	17.2		
126.52	3036.417	1238	332.1			
126.54	3036.917	1236	329.5	16.8		
126.56	3037.417	1234	325			
126.58	3037.917	1232	317	15.9		
126.60	3038.417	1230	316			
126.62	3038.917	1228	329	18.8		
126.64	3039.417	1226	329			
126.66	3039.917	1224	331	16.1		
126.68	3040.417	1222	320			
126.70	3040.917	1220	319	18.7		
126.73	3041.417	1219	312			
126.75	3041.917	1217	316	15.3		
126.77	3042.417	1215	315			
126.79	3042.917	1213	309	17.7		
126.81	3043.417	1212	319			
126.83	3043.917	1210	318	13.7		
126.85	3044.417	1208	323			
126.87	3044.917	1205	314	17.9		
126.89	3045.417	1203	318			
126.91	3045.917	1202	323	19.4		
126.93	3046.417	1200	320			
126.95	3046.917	1199	310	14.6		
126.98	3047.417	1192	312			
127.00	3047.917	1195	318	18.3		
127.02	3048.417	1193	305			
127.04	3048.917	1192	315	13.3		
127.06	3049.417	1190	332			
127.08	3049.917	1188	319.7	19.4		
127.10	3050.417	1186	316.9			
127.12	3050.917	1184	323.5	16.6		
127.14	3051.417	1182	322.6			
127.16	3051.917	1181	322.3	15.2		
127.18	3052.417	1179	325.9			
127.20	3052.917	1177	322.2	15.5		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
127.23	3053.417	1175	317			
127.25	3053.917	1174	331.5	15.7		
127.27	3054.417	1172	327.1			
127.29	3054.917	1170	317.9	15.9		
127.31	3055.417	1169	323.2			
127.33	3055.917	1167	332.6	15.8		
127.35	3056.417	1165	325			
127.37	3056.917	1163	333.1	15.9		
127.39	3057.417	1162	329.3			
127.41	3057.917	1160	325.9	15.7		
127.41	3057.917		324.15			
127.43	3058.417	1158	322.4			
127.45	3058.917	1156	321.9	15.5		
127.48	3059.417	1155	323.9			
127.50	3059.917	1153	334	15.2		
127.52	3060.417	1151	335.9			
127.54	3060.917	1149	321.5	14.8		
127.56	3061.417	1147	328			
127.58	3061.917	1145	322	16		
127.60	3062.417	1144	329			
127.62	3062.917	1142	321	15.2		
127.64	3063.417	1140	322			
127.66	3063.917	1138	322	12.7		
127.68	3064.417	1137	318			
127.70	3064.917	1135	321	16.8		
127.73	3065.417	1133	333			
127.75	3065.917	1131	325	14.9		
127.77	3066.417	1129	320			
127.79	3066.917	1127	329	16.3		
127.81	3067.417	1126	328			
127.83	3067.917	1124	327	13.8		
127.85	3068.417	1122	327			
127.87	3068.917	1121	334	14.9		
127.89	3069.417	1120	318			
127.91	3069.917	1119	320	14		
127.91	3069.917		316			
127.91	3069.917		316			
127.93	3070.417	1116	312			
127.95	3070.917	1115	328	14.6		
127.98	3071.417	1114	328			
128.00	3071.917	1112	322	15		
128.02	3072.417	1111	329			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
128.04	3072.917	1109	332	15.3		
128.06	3073.417	1108	321.7			
128.08	3073.917	1107	314	13.7		
128.10	3074.417	1105	328.6			
128.12	3074.917	1104	322.3	13.8		
128.14	3075.417	1102	331.7			
128.16	3075.917	1101	330.9	13.9		
128.18	3076.417	1100	314.9			
128.20	3076.917	1098	316.6	13.8		
128.23	3077.417	1097	324.6			
128.25	3077.917	1096	327.5	15.9		
128.27	3078.417	1094	318.5			
128.29	3078.917	1093	316.8	13.8		
128.31	3079.417	1091	338.3			
128.33	3079.917	1090	324.9	13.5		
128.35	3080.417	1088	331.3			
128.37	3080.917	1087	325.1	13.4		
128.39	3081.417	1085	319.1			
128.41	3081.917	1084	328.8	15		
128.41	3081.917		328.75			
128.43	3082.417	1083	328.7			
128.45	3082.917	1081	321.7	14.5		
128.48	3083.417	1080	324			
128.50	3083.917	1079	318.5	13.9		
128.52	3084.417	1077	328.3			
128.54	3084.917	1076	326	13.2		
128.56	3085.417	1074	323			
128.58	3085.917	1072	320	13.8		
128.60	3086.417	1071	337			
128.62	3086.917	1070	326	13.8		
128.64	3087.417	1068	323			
128.66	3087.917	1067	318	14.7		
128.68	3088.417	1066	313			
128.70	3088.917	1065	318	16.3		
128.73	3089.417	1063	338			
128.75	3089.917	1062	317	13.8		
128.77	3090.417	1060	320			
128.79	3090.917	1059	345	11.1		
128.81	3091.417	1059	319			
128.83	3091.917	1056	319	13.4		
128.85	3092.417	1055	332			
128.87	3092.917	1053	323	15.8		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
128.89	3093.417	1052	328			
128.91	3093.917	1052	311	11		
128.91	3093.917		320			
128.91	3093.917		320			
128.93	3094.417	1049	329			
128.95	3094.917	1049	318	13.1		
128.98	3095.417	1049	329			
129.00	3095.917	1046	335	13.4		
129.02	3096.417	1044	327			
129.04	3096.917	1043	315	11.6		
129.06	3097.417	1042	330.8			
129.08	3097.917	1041	317.6	13.8		
129.10	3098.417	1039	327.4			
129.12	3098.917	1038	315	13.8		
129.14	3099.417	1036	321.5			
129.16	3099.917	1036	329.9	11.9		
129.18	3100.417	1035	321.8			
129.20	3100.917	1033	329.2	13.9		
129.23	3101.417	1032	323			
129.25	3101.917	1031	331.4	11.9		
129.27	3102.417	1030	328.9			
129.29	3102.917	1028	325	11.8		
129.31	3103.417	1027	320.7			
129.33	3103.917	1026	327.4	13.5		
129.35	3104.417	1025	321.4			
129.37	3104.917	1023	332	13.4		
129.39	3105.417	1022	317.7			
129.41	3105.917	1022	315.4	11.3		
129.41	3105.917		313.3	0		
129.43	3106.417	1021	311.2			
129.45	3106.917	1020	318.1	12.8		
129.48	3107.417	1019	316.4			
129.50	3107.917	1018	314.2	12.4		
129.52	3108.417	1017	312.5			
129.54	3108.917	1015	306.2	11.9		
129.56	3109.417	1014	332			
129.58	3109.917	1013	316	12.9		
129.60	3110.417	1012	320			
129.62	3110.917	1011	317	12		
129.64	3111.417	1009	327			
129.66	3111.917	1008	332	13.4		
129.68	3112.417	1007	332			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
129.70	3112.917	1005	330	14.7		
129.73	3113.417	1005	331			
129.75	3113.917	1003	334	10.6		
129.77	3114.417	1002	327			
129.79	3114.917	1001	337	17.9		
129.81	3115.417	999	337			
129.83	3115.917	999	331	8.2		
129.85	3116.417	998	325.5			
129.87	3116.917	997	320	11.8		
129.89	3117.417	995	332			
129.91	3117.917	995	312	10.5		
129.91	3117.917		323			
129.91	3117.917		323			
129.93	3118.417	994	334			
129.95	3118.917	993	315	10.9		
129.98	3119.417	990	321			
130.00	3119.917	991	326	13		
130.02	3120.417	990	338			
130.04	3120.917	989	339	11.4		
130.06	3121.417	986	324.9			
130.08	3121.917	986	320	11.6		
130.10	3122.417	984	330.8			
130.12	3122.917	983	339	11.2		
130.14	3123.417	982	324.5			
130.16	3123.917	980	327.4	12.3		
130.18	3124.417	979	329.3			
130.20	3124.917	979	325.7	11.9		
130.23	3125.417	978	315.9			
130.25	3125.917	976	323	11.9		
130.27	3126.417	976	333.3			
130.29	3126.917	974	308.7	11.9		
130.31	3127.417	973	331.9			
130.33	3127.917	973	323.5	9.9		
130.35	3128.417	972	337			
130.37	3128.917	970	306	11.8		
130.39	3129.417	970	327.9			
130.41	3129.917	969	327.2	11.7		
130.41	3129.917		330.9			
130.43	3130.417	968	334.6			
130.45	3130.917	967	330.9	11.5		
130.48	3131.417	965	353.1			
130.50	3131.917	965	316.8	9.5		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
130.52	3132.417	964	324.2			
130.54	3132.917	964	325.6	13		
130.56	3133.417	962	329			
130.58	3133.917	961	327	10.9		
130.60	3134.417	960	333			
130.62	3134.917	960	330	12.2		
130.64	3135.417	958	335			
130.66	3135.917	957	323	10.1		
130.68	3136.417	956	327			
130.70	3136.917	954	251	11.3		
130.73	3137.417	957	193	9.1		
130.75	3137.917	960	162	3.8		
130.77	3138.417	967	101			
130.79	3138.917	975	93	6		
130.81	3139.417	977	0			
130.83	3139.917	984	0	5.9		
130.85	3140.417	972	0			
130.87	3140.917	957	0	15.9		
130.89	3141.417	946	0			
130.91	3141.917	938	0	10		
130.91	3141.917		0			
130.91	3141.917		0			
130.93	3142.417	945	0			
130.95	3142.917	929	0	11.9		
130.98	3143.417	923	0			
131.00	3143.917	920	0	15.8		
131.02	3144.417	917	0			
131.04	3144.917	915	0	11.8		
131.06	3145.417	911	0			
131.08	3145.917	907	0	13.8		
131.10	3146.417	906	0			
131.10	3146.500	909	152.6			
131.11	3146.584	906	191.7			
131.11	3146.667	910	185.5			
131.12	3146.917	911	251.8	9.6		
131.13	3147.167	915	336.2			
131.14	3147.417	916	338.5			
131.15	3147.667	918	344.5			
131.16	3147.917	919	352.4	9.5		
131.18	3148.417	921	325			
131.20	3148.917	921	309.7	9.4		
131.23	3149.417	921	360.5			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
131.25	3149.917	919	344.5	11.1		
131.27	3150.417	918	336.1			
131.29	3150.917	918	330.1	9		
131.31	3151.417	917	356.2			
131.33	3151.917	916	318.8	10.5		
131.35	3152.417	916	332.5			
131.37	3152.917	915	327.6	10.1		
131.39	3153.417	915	324.8			
131.41	3153.917	914	326.5	9.8		
131.41	3153.917		342.75			
131.43	3154.417	913	359			
131.45	3154.917	913	322.2	10.6		
131.48	3155.417	912	322.2			
131.50	3155.917	912	357.8	9.9		
131.52	3156.417	912	317.8			
131.54	3156.917	911	321.1	10.1		
131.56	3157.417	911	294			
131.58	3157.917	911	313	7.8		
131.60	3158.417	910	318			
131.62	3158.917	910	323	11.5		
131.64	3159.417	908	334			
131.66	3159.917	908	334	9.2		
131.68	3160.417	907	325			
131.70	3160.917	906	355	9.8		
131.73	3161.417	905	313			
131.75	3161.917	905	331	10.2		
131.77	3162.417	904	335			
131.79	3162.917	903	336	10.2		
131.81	3163.417	902	320			
131.83	3163.917	902	296	10.5		
131.85	3164.417	901	308			
131.87	3164.917	900	323	8.1		
131.89	3165.417	899	350			
131.91	3165.917	899	315	11.7		
131.91	3165.917		313.5			
131.91	3165.917		313.5			
131.93	3166.417	989	312			
131.95	3166.917	895	350	9.4		
131.98	3167.417	896	335			
132.00	3167.917	895	327	10		
132.02	3168.417	895	319			
132.04	3168.917	893	320	10.3		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
132.06	3169.417	893	332.7			
132.08	3169.917	892	294.1	10.6		
132.10	3170.417	891	319.4			
132.12	3170.917	890	326.8	9.2		
132.14	3171.417	890	337.8			
132.16	3171.917	889	330.6	9.2		
132.18	3172.417	889	309.2			
132.20	3172.917	888	313.2	9.5		
132.23	3173.417	887	325.9			
132.25	3173.917	886	325.4	9.6		
132.27	3174.417	886	333.3			
132.29	3174.917	885	312.4	7.7		
132.31	3175.417	885	355.2			
132.33	3175.917	884	322.8	9.3		
132.35	3176.417	883	320.4			
132.37	3176.917	883	305.4	10.3		
132.39	3177.417	882	330.7			
132.41	3177.917	881	333.1	7.9		
132.41	3177.917		331.3			
132.43	3178.417	880	331.3			
132.45	3178.917	880	329.5	10		
132.48	3179.417	879	324.3			
132.50	3179.917	878	326.2	7.9		
132.52	3180.417	878	323.4			
132.54	3180.917	877	312.1	9.9		
132.56	3181.417	877	323			
132.58	3181.917	877	312	7.9		
132.60	3182.417	876	333			
132.62	3182.917	876	319	9.8		
132.64	3183.417	875	301			
132.66	3183.917	875	302	9.9		
132.68	3184.417	875	301			
132.70	3184.917	874	297	7.8		
132.73	3185.417	873	336			
132.75	3185.917	873	297	9.6		
132.77	3186.417	873	309			
132.79	3186.917	872	303	9.5		
132.81	3187.417	871	311			
132.83	3187.917	870	323	7.5		
132.85	3188.417	869	322			
132.87	3188.917	869	312	9.3		
132.89	3189.417	868	312			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
132.91	3189.917	867	357	8.8		
132.91	3189.917		329.5			
132.91	3189.917		329.5			
132.93	3190.417	867	302			
132.95	3190.917	866	325	8.8		
132.98	3191.417	866	302			
133.00	3191.917	865	286	8.5		
133.02	3192.417	864	298			
133.04	3192.917	864	303	8.4		
133.06	3193.417	863	313.4			
133.08	3193.917	862	306.7	7.9		
133.10	3194.417	862	294.75			
133.12	3194.917	861	282.8	9.1		
133.14	3195.417	861	304.9			
133.16	3195.917	860	314.8	8.5		
133.18	3196.417	859	307.7			
133.20	3196.917	859	319.6	8.4		
133.23	3197.417	858	293.2			
133.25	3197.917	858	305.1	8.6		
133.27	3198.417	857	324.4			
133.29	3198.917	856	320.6	8.8		
133.31	3199.417	855	297.8			
133.33	3199.917	855	306.7	7.3		
133.35	3200.417	854	294.7			
133.37	3200.917	854	314.3	9.2		
133.39	3201.417	853	315.7			
133.41	3201.917	853	309.7	7.5		
133.41	3201.917		296.4			
133.43	3202.417	852	283.1			
133.45	3202.917	852	301.2	9.5		
133.48	3203.417	852	300.8			
133.50	3203.917	851	318.7	7.7		
133.52	3204.417	851	336.8			
133.54	3204.917	850	281.2	7.8		
133.56	3205.417	850	306			
133.58	3205.917	849	332	5.8		
133.60	3206.417	849	339			
133.62	3206.917	849	320	11.8		
133.64	3207.417	849	284			
133.66	3207.917	848	311	9.9		
133.68	3208.417	848	319			
133.70	3208.917	848	298	6		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
133.73	3209.417	847	322			
133.75	3209.917	849	316	9.6		
133.77	3210.417	846	306			
133.79	3210.917	846	324	7.9		
133.81	3211.417	845	311			
133.83	3211.917	845	291	7.9		
133.85	3212.417	844	283			
133.87	3212.917	843	278	8		
133.89	3213.417	843	311			
133.91	3213.917	843	283	7.9		
133.91	3213.917		277.5			
133.91	3213.917		277.5			
133.93	3214.417	843	272			
133.95	3214.917	843	307	7.9		
133.98	3215.417	843	281			
134.00	3215.917	842	278	8		
134.02	3216.417	842	308			
134.04	3216.917	842	276	6		
134.06	3217.417	841	297			
134.08	3217.917	841	277.3	7.7		
134.10	3218.417	840	286.6			
134.12	3218.917	840	325.8	8		
134.14	3219.417	839	300.6			
134.16	3219.917	839	299.2	7.8		
134.18	3220.417	838	298.4			
134.20	3220.917	837	289	7.7		
134.23	3221.417	837	301.2			
134.25	3221.917	836	276.8	7.6		
134.27	3222.417	835	314			
134.29	3222.917	835	300.6	9.5		
134.31	3223.417	835	312.8			
134.33	3223.917	834	280.8	7.4		
134.35	3224.417	834	321.2			
134.37	3224.917	833	230.8	7.4		
134.39	3225.417	833	287.6			
134.41	3225.917	833	268.1	7.2		
134.41	3225.917		276.2			
134.43	3226.417	832	284.3			
134.45	3226.917	832	298.2	8.8		
134.48	3227.417	831	290.5			
134.50	3227.917	831	293.1	6.9		
134.52	3228.417	830	291.8			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
134.54	3228.917	829	301	8.3		
134.56	3229.417	829	318			
134.58	3229.917	829	302	8.1		
134.60	3230.417	829	296			
134.62	3230.917	828	299	7.6		
134.64	3231.417	828	277			
134.66	3231.917	827	307	8.7		
134.68	3232.417	827	291			
134.70	3232.917	826	314	8.1		
134.73	3233.417	826	271			
134.75	3233.917	826	264	7.3		
134.77	3234.417	826	286			
134.79	3234.917	825	303	8.1		
134.81	3235.417	825	291			
134.83	3235.917	824	273	8.7		
134.85	3236.417	823	284			
134.87	3236.917	823	311	7.7		
134.89	3237.417	823	285			
134.91	3237.917	823	285	8		
134.91	3237.917		292			
134.91	3237.917		292			
134.93	3238.417	822	299			
134.95	3238.917	822	296	6.7		
134.98	3239.417	822	283			
135.00	3239.917	821	292	6.8		
135.02	3240.417	821	310			
135.04	3240.917	820	294	7		
135.06	3241.417	820	278			
135.08	3241.917	819	285	8.9		
135.10	3242.417	819	295.5			
135.12	3242.917	819	251.5	7.4		
135.14	3243.417	819	279.5			
135.16	3243.917	818	302	7.4		
135.18	3244.417	819	264.2			
135.20	3244.917	818	273.5	5.6		
135.23	3245.417	817	271.9			
135.25	3245.917	817	269.4	7.6		
135.27	3246.417	817	277.8			
135.29	3246.917	816	327.2	7.7		
135.31	3247.417	816	287			
135.33	3247.917	815	288.4	7.7		
135.35	3248.417	815	298.5			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
135.37	3248.917	815	289.2	5.9		
135.39	3249.417	815	268.4			
135.41	3249.917	815	272.3	8		
135.41	3249.917		272.5			
135.43	3250.417	815	272.7			
135.45	3250.917	815	283.3	5.8		
135.48	3251.417	815	281			
135.50	3251.917	815	294.4	7.9		
135.52	3252.417	815	290.2			
135.54	3252.917	815	265.4	6		
135.56	3253.417	815	267			
135.58	3253.917	814	263	7.9		
135.60	3254.417	814	302			
135.62	3254.917	814	284	6		
135.64	3255.417	813	292			
135.66	3255.917	812	244	7.9		
135.68	3256.417	812	268			
135.70	3256.917	812	279	8.8		
135.73	3257.417	811	272			
135.75	3257.917	812	279	7.9		
135.77	3258.417	811	275			
135.79	3258.917	811	282	6		
135.81	3259.417	811	277			
135.83	3259.917	810	269	7.9		
135.85	3260.417	810	274			
135.87	3260.917	810	266	6		
135.89	3261.417	809	292			
135.91	3261.917	808	270	7.9		
135.91	3261.917		270			
135.91	3261.917		270			
135.93	3262.417	802	273			
135.95	3262.917	808	282	5.8		
135.98	3263.417	807	272			
136.00	3263.917	806	258	6		
136.02	3264.417	806	235.8			
136.04	3264.917	805	290.3	5.8		
136.06	3265.417	804	281.1			
136.08	3265.917	804	294.7	9.7		
136.10	3266.417	804	262.8			
136.12	3266.917	804	298.1	5.8		
136.14	3267.417	803	267.7			
136.16	3267.917	803	276.4	5.7		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
136.18	3268.417	802	259.5			
136.20	3268.917	802	258.9	7.6		
136.23	3269.417	802	258.7			
136.25	3269.917	801	270	7.4		
136.27	3270.417	801	268.3			
136.29	3270.917	800	282.9	5.6		
136.31	3271.417	800	267.2			
136.33	3271.917	799	282.6	7.2		
136.35	3272.417	799	269.2			
136.37	3272.917	799	256.2	7.1		
136.39	3273.417	799	267			
136.41	3273.917	799	275.7	5.2		
136.41	3273.917		269.45			
136.43	3274.417	798	263.2			
136.45	3274.917	798	277.8	6.8		
136.48	3275.417	797	278.6			
136.50	3275.917	797	281.3	8.4		
136.52	3276.417	796	262.1			
136.54	3276.917	796	274.9	6.4		
136.56	3277.417	796	241			
136.58	3277.917	795	254	7.6		
136.60	3278.417	795	251			
136.62	3278.917	796	250	5.9		
136.64	3279.417	796	280			
136.66	3279.917	796	258	7		
136.68	3280.417	795	284			
136.70	3280.917	796	265	7.8		
136.73	3281.417	796	257			
136.75	3281.917	796	269	5.6		
136.77	3282.417	794	257			
136.79	3282.917	794	270	5.9		
136.81	3283.417	793	276			
136.83	3283.917	793	270	6.1		
136.85	3284.417	793	247			
136.87	3284.917	792	263	8		
136.89	3285.417	792	261			
136.91	3285.917	791	264	4.9		
136.91	3285.917		272.15			
136.91	3285.917		272.15			
136.93	3286.417	791	272.15			
136.95	3286.917	791	280.3	8.5		
136.98	3287.417	791	243.6			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
137.00	3287.917	790	280.2	5.2		
137.02	3288.417	790	264.4			
137.04	3288.917	790	265.5	5.2		
137.06	3289.417	789	250.9			
137.08	3289.917	789	253.4	5.4		
137.10	3290.417	788	256.3			
137.12	3290.917	788	255.2	7.3		
137.14	3291.417	787	254.6			
137.16	3291.917	787	257.9	7.4		
137.18	3292.417	786	273.7			
137.20	3292.917	786	267.4	5.6		
137.23	3293.417	786	269.9			
137.25	3293.917	786	255.5	5.7		
137.27	3294.417	785	261.9			
137.29	3294.917	785	259.8	7.6		
137.31	3295.417	785	259.3			
137.33	3295.917	785	259.6	5.8		
137.35	3296.417	784	239.4			
137.37	3296.917	784	267.6	5.8		
137.39	3297.417	784	251.2			
137.41	3297.917	785	246.5	5.8		
137.41	3297.917		246.3			
137.43	3298.417	784	246.1			
137.45	3298.917	784	248.1	6		
137.48	3299.417	783	275			
137.50	3299.917	784	262.1	5.9		
137.52	3300.417	783	265.6			
137.54	3300.917	783	242	5.9		
137.56	3301.417	783	243			
137.58	3301.917	782	274	7.9		
137.60	3302.417	782	271			
137.62	3302.917	782	281	7.9		
137.64	3303.417	781	248			
137.66	3303.917	781	269	4		
137.68	3304.417	781	247			
137.70	3304.917	781	259	2		
137.73	3305.417	781	277			
137.75	3305.917	781	260	9.9		
137.77	3306.417	781	256			
137.79	3306.917	781	271	7.9		
137.81	3307.417	782	269			
137.83	3307.917	782	227	4		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
137.85	3308.417	782	246			
137.87	3308.917	782	247	7.8		
137.89	3309.417	782	245			
137.91	3309.917	783	233	4		
137.91	3309.917		230.5			
137.91	3309.917		230.5			
137.93	3310.417	783	228			
137.95	3310.917	783	246	1.7		
137.98	3311.417	783	237			
138.00	3311.917	784	230	6		
138.02	3312.417	784	199			
138.04	3312.917	784	226.4	5.9		
138.06	3313.417	784	229.4			
138.08	3313.917	784	267.9	4		
138.10	3314.417	785	229.5			
138.12	3314.917	785	214.2	5.8		
138.14	3315.417	785	208.1			
138.16	3315.917	784	245.3	6		
138.18	3316.417	784	254.5			
138.20	3316.917	784	280.8	3.9		
138.23	3317.417	783	238.5			
138.25	3317.917	783	238.8	7.8		
138.27	3318.417	782	233.2			
138.29	3318.917	781	264	5.8		
138.31	3319.417	780	254.8			
138.33	3319.917	780	276.7	5.7		
138.35	3320.417	779	252.6			
138.37	3320.917	778	224.4	5.7		
138.39	3321.417	778	236.5			
138.41	3321.917	777	246.3	5.7		
138.41	3321.917		248.5			
138.43	3322.417	776	250.7			
138.45	3322.917	775	258.4	7.4		
138.48	3323.417	774	253			
138.50	3323.917	774	256.6	5.6		
138.52	3324.417	773	234			
138.54	3324.917	773	248	5.4		
138.56	3325.417	772	270			
138.58	3325.917	771	253	7.1		
138.60	3326.417	771	264			
138.62	3326.917	771	264	5.2		
138.64	3327.417	771	260			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
138.66	3327.917	770	254	6.7		
138.68	3328.417	770	246			
138.70	3328.917	770	257	6.2		
138.73	3329.417	769	276			
138.75	3329.917	769	248	6.8		
138.77	3330.417	769	236			
138.79	3330.917	769	244	4.7		
138.81	3331.417	768	252			
138.83	3331.917	768	259	7.1		
138.85	3332.417	768	234			
138.87	3332.917	768	245	5.9		
138.89	3333.417	768	253			
138.91	3333.917	767	249	5.1		
138.91	3333.917		251.5			
138.91	3333.917		251.5			
138.93	3334.417	767	254			
138.95	3334.917	769	255	5.5		
138.98	3335.417	767	232			
139.00	3335.917	767	223	5.7		
139.02	3336.417	767	235			
139.04	3336.917	767	251.2	6		
139.06	3337.417	767	259.3			
139.06	3337.500	727	551.6			
139.07	3337.584	707	710.1			
139.07	3337.667	690	612.6			
139.08	3337.917	642	508.3	3.1		
139.09	3338.167	592	496.9			
139.10	3338.417	535	523			
139.12	3338.917	435	500.8	0		
139.14	3339.417	325	563.1			
139.16	3339.917	206	487.7	0		
139.18	3340.417	60	473.1			
139.19	3340.584		377.25			
139.20	3340.917	15	281.4	0		
139.23	3341.417	16	292.5			
139.25	3341.917	10	218.6	0		
139.27	3342.417	6	155			
139.29	3342.917	3	110.2	0		
139.31	3343.417	3	93.9			
139.33	3343.917	2	91.5	0		
139.35	3344.417	3	94.5			
139.37	3344.917	3	93.2	0		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
139.39	3345.417	3	90.5			
139.41	3345.917	3	87.5	0		
139.43	3346.417	3	87.5			
139.45	3346.917	3	83.9	0		
139.48	3347.417	2	81.6			
139.50	3347.917	3	90.2	0		
139.52	3348.417	2	68			
139.54	3348.917	2	85	0		
139.56	3349.417	2	69			
139.58	3349.917	2	75	0		
139.60	3350.417	2	76			
139.62	3350.917	2	78	0		
139.64	3351.417	2	76			
139.66	3351.917	2	59	0		
139.68	3352.417	2	65			
139.70	3352.917	2	67	0		
139.73	3353.417	2	67			
139.75	3353.917	2	63	0		
139.77	3354.417	2	62			
139.79	3354.917	3	63	0		
139.81	3355.417	2	62			
139.83	3355.917	2	66	0		
139.85	3356.417	2	63			
139.87	3356.917	2	58	0		
139.89	3357.417	2	54			
139.91	3357.917	2	58	0		
139.93	3358.417	2	62			
139.95	3358.917	2	67	0		
139.98	3359.417	2	64			
140.00	3359.917	2	62	0		
140.02	3360.417	3	60.8			
140.04	3360.917	2	60.5	0		
140.06	3361.417	1	59.7			
140.08	3361.917	2	61.8	0		
140.08	3362.000	42	450.3			
140.09	3362.084	18	345.9			
140.09	3362.167	4	124.8			
140.10	3362.417	1	63.4			
140.11	3362.667	1	48.5			
140.12	3362.917	1	63.5	0		
140.14	3363.417	2	75			
140.16	3363.917	4	111.2	0		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
140.18	3364.417	2	81.4			
140.20	3364.917	2	65.2	0		
140.23	3365.417	2	70.1			
140.25	3365.917	1	62	0		
140.27	3366.417	1	62.8			
140.29	3366.917	1	57.8	0		
140.31	3367.417	2	64.1			
140.33	3367.917	2	63.5	0		
140.35	3368.417	1	63.8			
140.37	3368.917	1	63.9	0		
140.39	3369.417	2	66.6			
140.41	3369.917	2	67.6	0		
140.43	3370.417	1	58.9			
140.45	3370.917	2	61.1	0		
140.48	3371.417	2	67.2			
140.50	3371.917	1	63	0		
140.52	3372.417	4	114			
140.54	3372.917	1	26	0		
140.56	3373.417	1	61			
140.58	3373.917		0	-220		
140.74	3377.667		0	-260		
140.74	3377.667		0			
140.98	3383.417		0			
141.00	3383.917		0			
141.59	3398.250		0			
141.61	3398.667		0			
141.62	3398.917		0			
141.75	3401.917		0			
141.89	3405.417		0			
142.04	3408.917		0			
142.04	3408.917		0	-74		
142.54	3420.917		0			
142.56	3421.417		0			
143.00	3431.917		0	-49		
143.54	3444.917		0			
143.56	3445.417		0			
144.03	3456.750		0			
144.04	3456.917		0	-48		
144.54	3468.917		0			
144.55	3469.250		0			
144.61	3470.584		0			
144.76	3474.167		0			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
144.80	3475.084		0			
144.83	3475.917		0			
144.91	3477.750		0			
144.96	3479.084		0			
145.00	3479.917		0			
145.04	3480.917		0			
145.10	3482.417		0	-664		
145.58	3493.917		0			
145.66	3495.917		0			
145.68	3496.417		0			
145.68	3496.417		0			
145.73	3497.450		0			
145.74	3497.667		0			
145.75	3497.917		0			
145.76	3498.250		0			
145.80	3499.084		0			
145.84	3500.084		0			
145.95	3502.917		0			
146.00	3503.917		0			
146.02	3504.417		0			
146.02	3504.417		0	-756.5		
146.54	3516.917		0			
146.56	3517.417		0			
146.60	3518.417		0			
146.62	3518.917		0			
146.63	3519.084		0			
146.66	3519.917		0			
146.67	3520.167		0			
146.68	3520.417		0			
146.77	3522.417		0			
146.79	3522.917		0			
146.81	3523.417		0			
146.83	3523.917		0			
146.85	3524.417		0			
146.87	3524.917		0			
146.89	3525.417		0			
146.91	3525.917		0			
146.91	3525.917		0			
146.93	3526.417		0			
146.95	3526.917		0			
146.98	3527.417		0			
146.98	3527.417		0	-737		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
147.00	3528.084		0			
147.03	3528.750		0			
147.54	3540.917		0			
147.57	3541.667		0			
147.57	3541.750		0			
147.63	3543.167		0			
147.70	3544.917		0			
147.81	3547.417		0			
147.86	3548.750		0			
148.00	3551.917		0	-83.3		
148.00	3551.917		0			
148.54	3564.917		0			
148.89	3573.417		0			
149.04	3576.917		0			
149.54	3588.917		0			
149.58	3589.917		0	-27		
149.69	3592.584		0			
149.70	3592.834		0			
149.73	3593.417		0			
149.73	3593.584		0			
149.75	3593.917		0			
149.76	3594.250		0			
149.83	3595.917		0			
149.89	3597.417		0			
149.91	3597.750		0	-20		
149.93	3598.250		0			
149.95	3598.750		0			
149.99	3599.750		0			
150.00	3599.917		0			
150.03	3600.750		0			
150.54	3612.917		0			
150.58	3613.917		0			
151.02	3624.417		0	-60		
151.04	3624.917		0			
151.54	3636.917		0			
151.58	3637.917		0.000			-
151.66	3639.917		0.000			-
151.48	3635.417		0.000			-
151.54	3636.917		0.000			-
152.54	3660.917		0.000			-
152.54	3660.917		0.000			-
152.56	3661.417	-	0.000	0		-

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
152.65	3663.650 33	-	0.000	1		-
152.67	3664.067	-	0.000	2.5		-
152.69	3664.583 67	-	0.000	0		-
152.72	3665.233 67	-	0.000	1.5		-
152.74	3665.717	-	0.000	0		-
152.77	3666.517	-	0.000	16.2		-
152.79	3666.917	-	0.000	8.3		-
152.81	3667.417	-	0.000	7		-
152.83	3667.950 33	-	0.000	6.7		-
152.85	3668.417	-	0.000	6.5		-
152.87	3668.850 33	-	0.000	6.7		-
152.89	3669.283 67	-	0.000	3.3		-
152.91	3669.800 33	-	0.000	10.5		-
152.93	3670.233 67	-	0.000	7.1		-
152.95	3670.683 67	-	0.000	7.3		-
152.96	3671.083 67	-	0.000	5.5		-
152.98	3671.617	-	0.000	5.5		-
153.00	3672.117	-	0.000	9.5		-
153.02	3672.550 33	-	0.000	7.7		-
153.04	3672.917	-	0.000	7.7		-
153.07	3673.750 33	-	0.000	5.8		-
153.10	3674.417	-	0.000	5.9		-
153.13	3675.083 67	-	0.000	5.9		-
153.16	3675.750 33	-	0.000	3.9		-
153.17	3676.167	-	0.000	0		-
153.19	3676.667	-	0.000	6		-
153.23	3677.417	-	0.000	5.9		-
153.25	3677.917	9	0.000	6		-
153.27	3678.583 67	11	0.000	3.9		-
153.30	3679.083 67	13	0.000	2		-

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
153.33	3679.833 67	15	0.000	7.9		-
153.36	3680.667	19	0.000	6		-
153.39	3681.250 33	20	0.000	5.9		-
153.41	3681.750 33	22	0.000	4		-
153.43	3682.333 67	25	0.000	3.9		-
153.44	3682.500 33	27	0.000	3.9		-
153.49	3683.667	29	0.000	7.9		-
153.51	3684.167	31	0.000	7.8		-
153.53	3684.667	32	0.000	6.6		-
153.57	3685.633 67	34	0.000	5.4		-
153.59	3686.217	34	0.000	9.5		-
153.61	3686.667	35	0.000	7.4		-
153.63	3687.133 67	37	0.000	5.6		-
153.65	3687.600 33	37	0.000	7.3		-
153.67	3688.033 67	37	0.000	4		-
153.69	3688.583 67	37	0.000	9.8		-
153.71	3689.067	38	0.000	2		-
153.73	3689.500 33	38	0.000	0		-
153.75	3690.017	40	0.000	9.8		-
153.78	3690.600 33	41	0.000	7.7		-
153.79	3691.033 67	42	0.000	5.7		-
153.82	3691.617	45	0.000	3.8		-
153.84	3692.100 33	46	0.000	7.6		-
153.86	3692.550 33	47	0.000	9.3		-
153.87	3692.967	46	0.000	5.5		-
153.89	3693.417	47	0.000	7.2		-
153.91	3693.833 67	48	0.000	7		-
153.93	3694.300 33	49	0.000	7		-

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
153.95	3694.700 33	49	0.000	6.7		-
153.96	3695.117	50	0.000	6.6		-
153.98	3695.583 67	51	0.000	3.2		-
154.00	3696.050 33	52	0.000	14.2		-
154.02	3696.550 33	53	0.000	8.6		-
154.09	3698.083 67	54	0.000	7.9		-
154.11	3698.583 67	55	0.000	7		-
154.14	3699.250 33	56	0.000	5.1		-
154.16	3699.750 33	57	0.000	4.1		-
154.18	3700.333 67	57	0.000	8.6		-
154.20	3700.750 33	57	0.000	4.5		-
154.23	3701.417	57	0.000	7.8		-
154.25	3701.917	59	0.000	6.6		-
154.27	3702.500 33	59	0.000	5		-
154.30	3703.167	62	0.000	5.1		-
154.32	3703.583 67	63	0.000	1.7		-
154.34	3704.167	63	0.000	7		-
154.37	3704.833 67	63	0.000	7.1		-
154.39	3705.333 67	65	0.000	5.5		-
154.41	3705.750 33	67	0.000	5.5		-
154.43	3706.333 67	68	0.000	1.8		-
154.45	3706.917	68	0.000	3.8		-
154.48	3707.500 33	69	0.000	11.3		-
154.50	3708.083 67	69	0.000	9.6		-
154.58	3709.867	74	0.000	0		-
154.62	3710.917	74	0.000	12		-
154.64	3711.433 67	75	0.000	7.9		-

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
154.68	3712.200 33	76	0.000	7.8		-
154.69	3712.667	76	0.000	4		-
154.72	3713.250 33	78	0.000	11.9		-
154.74	3713.750 33	82	0.000	7.9		-
154.76	3714.250 33	82	0.000	7.9		-
154.79	3715.067	84	0.000	8		-
154.81	3715.483 67	85	0.000	7.9		-
154.83	3716.000 33	86	0.000	3.9		-
154.86	3716.567	86	0.000	11.8		-
154.91	3717.767	88	0.000	11.6		-
154.93	3718.267	90	0.000	5.8		-
154.97	3719.250 33	91	0.000	9.5		-
154.99	3719.800 33	92	0.000	5.6		-
155.03	3720.617	94	0.000	9.3		-
155.09	3722.250 33	95	0.000	7.3		-
155.14	3723.250 33	95	0.000	7.1		-
155.16	3723.917	95	0.000	7		-
155.19	3724.500 33	97	0.000	5.1		-
155.22	3725.167	97	0.000	6.1		-
155.24	3725.750 33	98	0.000	4.1		-
155.27	3726.417	98	0.000	8		-
155.29	3727.000 33	99	0.000	4.6		-
155.36	3728.667	100	0.000	5.7		-
155.38	3729.167	101	0.000	4.5		-
155.42	3730.083 67	102	0.000	2		-
155.45	3730.833 67	102	0.000	0		-
155.48	3731.583 67	103	0.000	7.8		-
155.52	3732.417	103	0.000	7.9		-
155.55	3733.083 67	104	0.000	4		-

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
155.57	3733.750 33	106	0.000	3.9		-
155.60	3734.450 33	106	0.000	4		-
155.65	3735.500 33	106	0.000	5.7		-
155.67	3736.050 33	106	0.000	11.8		-
155.69	3736.550 33	107	0.000	7.9		-
155.72	3737.200 33	107	0.000	8.3		-
155.74	3737.833 67	107	0.000	5		-
155.76	3738.300 33	109	0.000	3.5		-
155.78	3738.800 33	110	0.000	10.5		-
155.80	3739.200 33	110	0.000	5.4		-
155.82	3739.633 67	111	0.000	7.3		-
155.84	3740.100 33	112	0.000	5.6		-
155.86	3740.550 33	114	0.000	7.5		-
155.88	3741.017	116	0.000	5.7		-
155.89	3741.433 67	117	0.000	1.9		-
155.92	3741.983 67	118	0.000	3.8		-
155.94	3742.517	119	0.000	0		-
155.97	3743.183 67	120	0.000	9.4		-
155.99	3743.750 33	121	0.000	3.8		-
156.01	3744.350 33	121	0.000	1.9		-
156.04	3744.850 33	122	0.000	1.9		-
156.07	3745.667	124	0.000	0		-
156.09	3746.250 33	130	0.000	0		-
156.13	3747.000 33	131	0.000	0		-
156.16	3747.833 67	131	0.000	5.8		-

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
156.19	3748.667	132	0.000	1.9		-
156.23	3749.583 67	133	0.000	5.8		-
156.26	3750.250 33	136	0.000	2		-
156.30	3751.167	142	0.000	0		-
156.34	3752.250 33	143	0.000	3.85		-
156.38	3753.083 67	143	0.000	6.4		-
156.40	3753.667	147	0.000	5.9		-
156.45	3754.833 67	151	0.000	5.9		-
156.48	3755.500 33	152	0.000	3.9		-
156.50	3755.917	152	0.000	4		-
156.53	3756.667	158	0.000	4		-
156.57	3757.633 67	159	0.000	3.9		-
156.59	3758.117	160	0.000	4		-
156.61	3758.733 67	161	0.000	0		-
156.64	3759.417	164	0.000	5.9		-
156.67	3759.983 67	166	0.000	3.4		-
156.69	3760.533 67	169	0.000	3.6		-
156.71	3761.083 67	171	0.000	2.5		-
156.75	3761.933 67	172	0.000	9.5		-
156.77	3762.517	175	0.000	5.8		-
156.79	3763.033 67	179	0.000	1.5		-
156.82	3763.683 67	180	0.000	3		-
156.84	3764.167	184	0.000	0		-
156.87	3764.917	186	0.000	4.7		-
156.90	3765.533 67	189	0.000	1.5		-
156.93	3766.267	190	0.000	4.8		-
156.95	3766.917	191	0.000	10		-
156.98	3767.500 33	197	0.000	4.8		-
157.00	3768.017	199	0.000	5.3		-

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
157.02	3768.583 67	204	0.000	1.8		-
157.05	3769.250 33	210	0.000	1.8		-
157.09	3770.083 67	212	0.000	5.4		-
157.12	3770.833 67	214	0.000	7.3		-
157.15	3771.667	219	0.000	3.1		-
157.19	3772.583 67	221	0.000	0		-
157.23	3773.583 67	223	0.000	3.7		-
157.26	3774.333 67	230	0.000	1.9		-
157.30	3775.250 33	234	0.000	0		-
157.34	3776.250 33	234	0.000	5.6		-
157.37	3776.917	238	0.000	5.7		-
157.40	3777.500 33	244	0.000	3.8		-
157.42	3778.083 67	245	0.000	0		-
157.45	3778.917	247	0.000	9.6		-
157.48	3779.417	249	0.000	3.9		-
157.50	3780.000 33	252	0.000	7.7		-
157.51	3780.333 67	252	0.000	6		-
157.54	3780.967	264	0.000	7.9		-
157.57	3781.650 33	272	0.000	4		-
157.59	3782.150 33	288	0.000	0		-
157.63	3783.000 33	298	0.000	7.9		-
157.65	3783.517	299	0.000	7.9		-
157.67	3784.067	307	0.000	0		-
157.69	3784.500 33		0.000	0		-
157.71	3785.133 67	312	0.000	9.9		-
157.74	3785.750 33	315	0.000	3.9		-

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
157.76	3786.300 33	317	0.000	4		-
157.78	3786.833 67	324	0.000	4		-
157.81	3787.333 67	329	0.000	0		-
157.81	3787.417	330	0.000	0		-
157.84	3788.117	331	0.000	3.9		-
157.86	3788.683 67	335	0.000	4		-
157.88	3789.183 67	332	0.000	0		-
157.94	3790.633 67	341	0.000	5.8		-
157.97	3791.333 67	342	0.000	6		-
158.00	3791.967	346	0.000	3.9		-
158.03	3792.633 67	352	0.000	3.9		-
158.08	3793.917	360	0.000	0		-
158.11	3794.583 67	359	0.000	0		-
158.14	3795.333 67	364	0.000	0		-
158.18	3796.250 33	368	0.000	2		-
158.20	3796.917	370	0.000	1.9		-
158.24	3797.667	374	0.000	1.9		-
158.27	3798.417	378	0.000	9.6		-
158.30	3799.083 67	382	0.000	3.8		-
158.32	3799.750 33	385	0.000	7.6		-
158.35	3800.417	392	0.000	1.9		-
158.39	3801.250 33	392	0.000	1.9		-
158.41	3801.917	400	0.000	0		-
158.45	3802.917	402	0.000	9.3		-
158.49	3803.667	408	0.000	9.1		-
158.50	3803.917	419	0.000	0		-
158.51	3804.250 33	419	0.000	3.6		-
158.53	3804.833 67	419	0.000	3.5		-
158.57	3805.667	424	0.000	3.5		-

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
158.59	3806.250 33	428	0.000	7		-
158.62	3806.817	432	0.000	3.3		-
158.64	3807.417	436	0.000	6.7		-
158.66	3807.900 33	440	0.000	0		-
158.70	3808.733 67	450	0.000	0		-
158.73	3809.583 67	451	0.000	1.7		-
158.77	3810.583 67	457	0.000	0		-
158.80	3811.300 33	458	0.000	1.7		-
158.83	3812.000 33	470	0.000	15		-
158.87	3812.767	474	0.000	2.9		-
158.89	3813.333 67	475	0.000	1		-
158.93	3814.200 33	486	0.000	11.2		-
158.96	3815.050 33	490	0.000	1		-
159.00	3815.917	495	0.000	0		-
159.02	3816.500 33	514	0.000	8		-
159.08	3817.917	523	0.000	5.1		-
159.12	3818.833 67	532	0.000	2.7		-
159.15	3819.667	537	0.000	0		-
159.18	3820.417	542	0.000	1.4		-
159.22	3821.250 33	547	0.000	0		-
159.25	3822.000 33	547	0.000	4.2		-
159.28	3822.750 33	550	0.000	0		-
159.31	3823.500 33	552	0.000	2.9		
159.34	3824.250 33	559	0.000	0		-
159.38	3825.167	559	0.000	9.1		-
159.41	3825.917	562	0.000	0		-
159.45	3826.917	564	0.000	4.7		-
159.49	3827.750 33	573	0.000	1.5		-

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
159.50	3827.917		0.000			-
159.52	3828.417	579	0.000	0		-
159.58	3829.833 67	584	0.000	6.5		-
159.61	3830.717	587	0.000	6.7		-
159.64	3831.400 33	590	0.000	10.3		-
159.66	3831.917	599	0.000	3.5		-
159.69	3832.600 33	604	0.000	0		-
159.72	3833.283 67	624	0.000	8.9		-
159.75	3834.100 33	638	0.000	5.5		-
159.78	3834.800 33	688	0.000	8.8		-
159.80	3835.200 33	704	0.000	1.8		-
159.83	3835.917	720	0.000	3.6		-
159.86	3836.583 67	741	0.000	5.4		-
159.89	3837.250 33	758	0.000	3.7		-
159.92	3837.967	778	0.000	7.4		-
159.94	3838.650 33	790	0.000	3.7		-
159.97	3839.250 33	804	0.000	3.8		-
160.00	3840.000 33	825	0.000	1.9		-
160.03	3840.667	835	0.000	5.7		-
160.08	3841.833 67	849	0.000	0		-
160.11	3842.667	850	0.000	5.8		-
160.15	3843.500 33	856	0.000	5.7		-
160.18	3844.250 33	862	0.000	2		-
160.21	3845.000 33	872	0.000	1.9		-
160.24	3845.750 33	880	0.000	4		
160.27	3846.500 33	883	0.000	0		-
160.30	3847.250 33	892	0.000	5.5		-

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
160.33	3848.000 33	902	0.000	7.9		
160.36	3848.750 33	926	0.000	3.9		-
160.40	3849.583 67	945	0.000	0		-
160.41	3849.917		0.000			-
160.44	3850.500 33	945	0.000	2		-
160.47	3851.250 33	945	0.000	1.9		-
160.50	3851.917		0.000			-
160.50	3852.083 67	954	0.000	6		-
160.53	3852.833 67	954	0.000	5.9		-
160.57	3853.733 67	980	0.000	4		-
160.60	3854.450 33	991	0.000	6		-
160.63	3855.117	998	0.000	5.9		-
160.66	3855.867	1,010	0.000	1		-
160.69	3856.550 33	1,020	0.000	5		-
160.72	3857.250 33	1,031	0.000	6		-
160.76	3858.150 33	1,050	0.000	3.9		-
160.78	3858.833 67	1,068	0.000	3.9		-
160.81	3859.550 33	1,084	0.000	2		-
160.85	3860.450 33	1,100	0.000	6		-
160.88	3861.167	1,115	0.000	7.8		-
160.91	3861.867	1,141	0.000	3.8		-
160.94	3862.550 33	1,155	0.000	0		-
160.97	3863.283 67	1,160	0.000	5.4		-
161.01	3864.150 33	1,177	0.000	4		-
161.03	3864.750 33	1,186	0.000	5.7		-
161.07	3865.667	1,200	0.000	1.9		-
161.10	3866.417	1,211	0.000	3.7		-

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
161.13	3867.167	1,224	0.000	7.9		-
161.16	3867.833 67	1,237	0.000	3.8		-
161.19	3868.500 33	1,254	0.000	3.8		-
161.22	3869.167	1,260	0.000	0		-
161.25	3870.083 67	1,267	0.000	7.7		-
161.28	3870.833 67	1,274	0.000	0		-
161.32	3871.583 67	1,279	0.000	3.9		-
161.34	3872.250 33	1,286	0.000	2		-
161.38	3873.083 67	1,294	0.000	5.8		-
161.41	3873.833 67	1,304	0.000	0		-
161.43	3874.417	1,307	0.000	4		-
161.47	3875.167	1,310	0.000	0		-
161.50	3875.917	1,311	0.000	3.9		-
161.52	3876.583 67	1,315	0.000	5.9		-
161.57	3877.750 33	1,341	0.000	2		-
161.60	3878.483 67	1,348	0.000	7.9		-
161.63	3879.233 67	1,368	0.000	4		-
161.68	3880.250 33	1,374	0.000	3.9		-
161.70	3880.717	1,380	0.000	2		-
161.73	3881.467	1,390	0.000	6		-
161.76	3882.150 33	1,399	0.000	0		-
161.78	3882.833 67	1,407	0.000	3.9		-
161.81	3883.533 67	1,417	0.000	4		-
161.84	3884.250 33	1,430	0.000	6		-
161.88	3885.000 33	1,446	0.000	6		-
161.90	3885.667	1,452	0.000	2		-
161.93	3886.433 67	1,476	0.000	7.9		-

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
161.97	3887.217	1,491	0.000	4		-
162.00	3887.917	1,502	0.000	2		-
162.03	3888.667	1,510	0.000	5.9		-
162.07	3889.750 33	1,524	0.000	5.7		-
162.10	3890.333 67	1,540	0.000	2		-
162.13	3891.083 67	1,547	0.000	3.8		-
162.16	3891.750 33	1,555	0.000	1.9		-
162.19	3892.500 33	1,558	0.000	7.9		-
162.22	3893.250 33	1,565	0.000	3.8		-
162.25	3893.933 67	1,561	0.000	1.85		-
162.27	3894.583 67	1,574	0.000	5.5		-
162.31	3895.333 67	1,584	0.000	0.7		-
162.34	3896.167	1,586	0.000	7.4		
162.37	3896.833 67	1,592	0.000	3.6		-
162.40	3897.583 67	1,598	0.000	5.4		-
162.43	3898.333 67	1,602	0.000	1.7		-
162.47	3899.167	1,602	0.000	7		-
162.49	3899.833 67	1,608	0.000	3.5		-
162.50	3899.917		0.000			-
162.52	3900.583 67	1,612	0.000	5		-
162.58	3901.833 67	1,620	0.000	5		-
162.61	3902.667	1,625	0.000	2		-
162.64	3903.383 67	1,628	0.000	3.9		-
162.68	3904.250 33	1,633	0.000	3.9		-
162.72	3905.167	1,635	0.000	4		-
162.75	3906.017	1,630	0.000	7.8		-
162.78	3906.750 33	1,622	0.000	7.9		-
162.79	3906.917	1,617	0.000	1		-

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
162.80	3907.167	1,620	0.000	0		-
162.81	3907.417	1,640	0.000	0		-
162.82	3907.583 67	1,640	0.000	0		-
162.83	3907.883 67	1,628	0.000	0		-
162.83	3907.983 67	1,628	0.000	6		-
162.84	3908.167	1,631	0.000	0		-
162.85	3908.417	1,638	0.000	0		-
162.88	3909.000 33	1,639	0.000	0		-
162.90	3909.500 33	1,670	0.000	2.3		-
162.93	3910.250 33	1,638	0.000	4.7		-
162.94	3910.500 33	1,607	0.000	0		-
162.95	3910.833 67	1,609	0.000	0		-
162.96	3910.967	1,599	0.000	6.3		-
162.97	3911.167	1,583	0.000	4.1		-
162.98	3911.417	1,597	0.000	0		-
163.00	3911.917	1,602	0.000	0		-
163.00	3912.000 33	1,540	0.000	7.1		-
163.01	3912.167	1,559	0.000	0		-
163.02	3912.417	1,524	0.000	3		-
163.03	3912.667	1,499	0.000	6.1		-
163.04	3912.917	1,472	0.000	4.8		-
163.05	3913.167	1,466	0.000	6.7		-
163.06	3913.417	1,421	0.000	3.4		-
163.06	3913.500 33	1,439	0.000	0		-
163.07	3913.583 67	1,426	0.000	0		-
163.07	3913.667	1,425	0.000	0		-
163.08	3913.917	1,453	0.000	0		-
163.10	3914.417	1,496	0.000	0		-
163.12	3914.917	1,508	0.000	0		-
163.14	3915.417	1,515	0.000	1.6		-
163.16	3915.917	1,520	0.000	0		-
163.18	3916.417	1,525	0.000	0		-
163.20	3916.917	1,529	0.000	0		-

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
163.24	3917.667	1,542	0.000	0		-
163.28	3918.667	1,531	0.000	1.8		-
163.32	3919.667	1,544	0.000	0		-
163.38	3921.167	1,547	0.000	1.7		-
163.39	3921.417	1,548	0.000	0		-
163.41	3921.917	1,550	0.000	0		-
163.43	3922.417	1,553	0.000	0		-
163.45	3922.917	1,554	0.000	0		-
163.49	3923.667	1,556	0.000	0		-
163.50	3923.917	1,558	0.000	0		-
163.52	3924.417	1,560	0.000	0		-
163.54	3924.917	1,561	0.000	0		-
163.56	3925.417	1,563	0.000	0		-
163.58	3925.917	1,565	0.000	0		-
163.61	3926.667	1,561	0.000	0		-
163.62	3926.917	1,562	0.000	0		-
163.64	3927.417	1,565	0.000	0		-
163.66	3927.917	1,567	0.000	0		-
163.68	3928.417	1,570	0.000	0		-
163.70	3928.917	1,572	0.000	0		-
163.73	3929.417	1,573	0.000	0		-
163.74	3929.667	1,576	0.000	0		-
163.75	3929.917	1,580	0.000	0		-
163.75	3930.000 33	1,583	0.000	0		-
163.75	3930.083 67	1,599	0.000	0		-
163.76	3930.167	1,612	0.000	0		-
163.76	3930.250 33	1,626	0.000	0		-
163.76	3930.333 67	1,642	0.000	0		-
163.77	3930.417	1,618	0.000	0		-
163.80	3931.167	1,598	0.000	49.7		-
163.83	3931.833 67	1,604	0.000	0		-
163.86	3932.700 33	1,540	0.000	5.8		-
163.89	3933.250 33	1,588	0.000	5.9		-
163.92	3934.083 67	1,579	0.000	9.8		-
163.95	3934.867	1,586	0.000	5.9		-

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
163.98	3935.533 67	1,589	0.000	3.9		-
164.00	3935.917	1,585	0.000	0		-
164.01	3936.300 33	1,592	0.000	0		-
164.08	3937.833 67	1,587	0.000	9.9		-
164.11	3938.583 67	1,588	0.000	6		-
164.15	3939.583 67	1,593	0.000	1.9		-
164.18	3940.417	1,590	0.000	8		-
164.22	3941.250 33	1,594	0.000	3.9		-
164.25	3942.000 33	1,601	0.000	4		-
164.28	3942.833 67	1,600	0.000	0		-
164.32	3943.750 33	1,602	0.000	4		-
164.36	3944.583 67	1,602	0.000	3.9		-
164.39	3945.333 67	1,600	0.000	0		-
164.43	3946.250 33	1,599	0.000	7.9		-
164.46	3947.083 67	1,618	0.000	3.9		-
164.49	3947.833 67	1,618	0.000	2		-
164.50	3947.917		0.000	0		-
164.53	3948.667	1,611	0.000	9.8		-
164.58	3949.850 33	1,604	0.000	7.7		-
164.61	3950.533 67	1,611	0.000	0		-
164.61	3950.667	1,612	0.000	0		-
164.63	3951.167	1,612	0.000	3.9		-
164.64	3951.417	1,616	0.000	0		-
164.67	3952.150 33	1,619	0.000	0		-
164.71	3952.967	1,618	0.000	5.7		-
164.75	3953.917	1,618	0.000	5.7		-
164.76	3954.250 33	1,618	0.000	0		-

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
164.79	3955.000 33	1,621	0.000	11.2		-
164.80	3955.167	1,601	0.000	1.9		-
164.81	3955.550 33	1,598	0.000	1.8		-
164.83	3955.917	1,590	0.000	5.5		-
164.84	3956.167	1,604	0.000	0		-
164.85	3956.417	1,610	0.000	0		-
164.87	3956.867	1,607	0.000	7.2		-
164.87	3956.917	1,576	0.000	2		-
164.89	3957.417	1,603	0.000	0		-
164.91	3957.867	1,578	0.000	10.5		-
164.91	3957.917	1,524	0.000	1.6		-
164.92	3958.083 67	1,465	0.000	0		-
164.92	3958.167	1,462	0.000	10		-
164.93	3958.250 33	1,455	0.000	8		-
164.93	3958.417	1,419	0.000	9.2		-
164.94	3958.667	1,414	0.000	6.3		-
164.95	3958.750 33	1,412	0.000	0		-
164.95	3958.917	1,431	0.000	4.8		56
164.96	3959.083 67	1,430	0.000	0		-
164.97	3959.167	1,433	0.000	3.8		-
164.98	3959.417	1,435	0.000	6.8		-
164.99	3959.667	1,401	0.000	11.7		-
165.00	3959.917	1,278	0.000	11.1		-
165.00	3960.083 67	1,290	521.000	0		-
165.02	3960.417	1,375	0.000	1.6		-
165.04	3960.917	1,417	0.000	0		-
165.06	3961.417	1,426	0.000	0		-
165.08	3961.917	1,435	0.000	0		-
165.10	3962.417	1,446	0.000	0		-
165.12	3962.917	1,454	0.000	0		-
165.16	3963.917	1,460	0.000	6.7		-
165.20	3964.750 33	1,473	0.000	6.8		-
165.23	3965.583 67	1,483	0.000	3.5		-
165.26	3966.333 67	1,491	0.000	0		-

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
165.30	3967.167	1,490	0.000	8.8		-
165.33	3968.000 33	1,495	0.000	1.8		-
165.37	3968.917	1,505	0.000	7.3		-
165.41	3969.750 33	1,512	0.000	3.7		-
165.44	3970.500 33	1,520	0.000	2		-
165.48	3971.417	1,520	0.000	0		-
165.50	3971.917		0.000			-
165.52	3972.583 67	1,523	0.000	3.6		-
165.57	3973.583 67	1,525	0.000	1.8		-
165.60	3974.417	1,528	0.000	0		-
165.61	3974.667	1,532	0.000	0		-
165.64	3975.417	1,532	0.000	0		-
165.67	3976.067	1,535	0.000	5.7		-
165.70	3976.917	1,529	0.000	1.9		-
165.74	3977.650 33	1,528	0.000	9.6		-
165.76	3978.300 33	1,544	0.000	1.9		-
165.79	3979.000 33	1,547	0.000	3.8		-
165.83	3979.917	1,523	0.000	7.8		-
165.84	3980.167	1,529	0.000	3.9		-
165.85	3980.417	1,549	0.000	0		-
165.88	3981.233 67	1,550	0.000	4		-
165.93	3982.267	1,563	0.000	0		-
165.96	3983.083 67	1,473	0.000	15.7		-
165.97	3983.167	1,463	0.000	2	48	-
165.98	3983.417	1,421	0.000	6	32	-
165.99	3983.667	1,417	964.000	7.9	28	57
166.00	3983.917	1,426	460.000	4	36	58
166.01	3984.167	1,420	457.000	5.9	40	59
166.02	3984.417	1,409	612.000	4	40	60
166.03	3984.667	1,380	600.000	7.9	40	60
166.04	3984.917	1,355	614.000	8	40	61
166.06	3985.417	1,352	443.000	9.9	40	61
166.08	3985.917	1,394	132.000	2	40	60

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
166.08	3986.000 33	1,407	0.000	0		-
166.09	3986.083 67	1,414	0.000	0		-
166.09	3986.167	1,415	0.000	0		-
166.09	3986.250 33	1,418	0.000	0		-
166.10	3986.333 67	1,421	0.000	0		-
166.10	3986.417	1,424	0.000	0		-
166.11	3986.667	1,428	0.000	0		-
166.12	3986.917	1,433	0.000	0		-
166.14	3987.417	1,439	0.000	0		-
166.16	3987.917	1,448	0.000	0		-
166.18	3988.417	1,453	0.000	0		-
166.20	3988.917	1,458	0.000	0		-
166.24	3989.750 33	1,461	0.000	1.9		-
166.28	3990.667	1,455	0.000	7.9		-
166.32	3991.583 67	1,467	0.000	5.9		-
166.35	3992.417	1,492	0.000	0		-
166.39	3993.333 67	1,479	0.000	5.9		-
166.42	3994.167	1,485	0.000	1.9		-
166.46	3995.083 67	1,482	0.000	7.8		-
166.50	3995.917	1,492	0.000	1.9		-
166.52	3996.417	1,494	0.000	0		
166.53	3996.667	1,495	0.000	0		
166.60	3998.400 33	1,506	0.000	2		
166.64	3999.250 33	1,510	0.000	7.4		
166.67	4000.167	1,461	0.000	7.9	36	
166.68	4000.217	1,462	0.000	0	48	
166.68	4000.417	1,480	0.000	2		
166.70	4000.917	1,461	0.000	5.9	48	
166.72	4001.167	1,467	0.000	2	48	
166.74	4001.800 33	1,486	0.000	3.9	48	
166.74	4001.833 67	1,465	0.000	0	48	
166.75	4001.917	1,466	0.000	2	48	

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
166.75	4002.083 67	1,459	0.000	1.9	48	
166.76	4002.167	1,460	0.000	0	48	
166.77	4002.417	1,482	0.000	0		
166.79	4002.967	1,481	0.000	4.1		
166.80	4003.083 67	1,490	0.000	0	48	
166.80	4003.250 33	1,470	0.000	3.4	48	
166.81	4003.417	1,481	0.000	0		
166.84	4004.050 33	1,412	0.000	11.4	48	
166.84	4004.167	1,390	0.000	2.8	28	
166.85	4004.300 33	1,372	0.000	0	28	
166.85	4004.417	1,380	541.000	1.4	28	59
166.86	4004.667	1,395	263.000	1.4	30	58
166.87	4004.917	1,404	283.000	1.4	48	58
166.88	4005.000 33	1,405	193.000	0	48	58
166.88	4005.167	1,410	0.000	0		
166.92	4006.033 67	1,416	0.000	3		
166.92	4006.050 33	1,416	0.000			
166.95	4006.817	1,380	0.000	13	48	
166.98	4007.533 67	1,423	0.000	5.1	38	
166.99	4007.667	1,398	0.000	2.7	38	
167.00	4007.917	1,420	0.000	0	38	
167.02	4008.417	1,440	0.000	0	38	
167.04	4008.917	1,448	0.000			
167.06	4009.417	1,448	0.000			
167.08	4009.917	1,453	0.000			
167.12	4010.917	1,448	0.000	0		
167.16	4011.750 33	1,427	0.000	11.5		
167.16	4011.833 67	1,436	0.000	1.5		
167.16	4011.917	1,440	0.000			
167.17	4012.083 67	1,443	0.000			
167.17	4012.167	1,448	0.000			
167.18	4012.417	1,452	0.000			
167.19	4012.667	1,453	0.000			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
167.20	4012.917	1,453	0.000			
167.22	4013.167	1,455	0.000			
167.23	4013.417	1,459	0.000			
167.24	4013.667	1,457	0.000			
167.25	4013.917	1,462	0.000			
167.26	4014.167	1,464	0.000			
167.27	4014.417	1,466	0.000			
167.28	4014.667	1,467	0.000			
167.29	4014.917	1,469	0.000			
167.30	4015.167	1,471	0.000			
167.31	4015.417	1,472	0.000			
167.34	4016.167	1,477	0.000	0		
167.38	4017.167	1,480	0.000	0		
167.41	4017.917	1,485	0.000	7.7		
167.45	4018.833 67	1,502	0.000	4.9		
167.49	4019.667	1,500	0.000	0		
167.52	4020.417	1,511	0.000	6.6		
167.57	4021.667	1,512	0.000	1.7		
167.60	4022.417	1,515	0.000	0		
167.63	4023.167	1,503	0.000	0		
167.67	4024.117	1,514	0.000	0		
167.73	4025.450 33	1,515	0.000	1.7		
167.79	4027.033 67	1,517	0.000	0		
167.84	4028.133 67	1,526	0.000	1.6		
167.87	4028.767	1,525	0.000	1.8		
167.90	4029.517	1,529	0.000	0		
167.95	4030.750 33	1,525	0.000	0		
167.95	4030.833 67	1,512	0.000			
167.95	4030.917	1,506	0.000			
167.96	4031.000 33	1,510	0.000			
167.96	4031.033 67	1,512	0.000			
167.96	4031.083 67	1,513	0.000			
167.97	4031.167	1,516	0.000			
167.97	4031.250 33	1,519	0.000			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
167.97	4031.333 67	1,520	0.000			
167.98	4031.417	1,522	0.000			
167.98	4031.500 33	1,522	0.000			
167.98	4031.583 67	1,524	0.000			
167.99	4031.667	1,524	0.000			
167.99	4031.750 33	1,525	0.000			
167.99	4031.833 67	1,525	0.000			
168.00	4031.917	1,526	0.000			
168.01	4032.167	1,528	0.000			
168.04	4032.917	1,532	0.000			
168.06	4033.417	1,534	0.000			
168.08	4033.917	1,536	0.000			
168.10	4034.417	1,537	0.000			
168.12	4034.917	1,538	0.000			
168.14	4035.417	1,540	0.000			
168.16	4035.917	1,541	0.000			
168.18	4036.417	1,543	0.000			
168.20	4036.917	1,545	0.000			
168.23	4037.417	1,546	0.000			
168.25	4037.917	1,547	0.000			
168.27	4038.417	1,548	0.000			
168.29	4038.917	1,550	0.000			
168.31	4039.417	1,551	0.000			
168.33	4039.917	1,552	0.000			
168.35	4040.417	1,553	0.000			
168.37	4040.917	1,554	0.000			
168.39	4041.417	1,556	0.000			
168.41	4041.917	1,557	0.000			
168.43	4042.417	1,558	0.000			
168.45	4042.917	1,559	0.000			
168.48	4043.417	1,560	0.000			
168.50	4043.917	1,561	0.000			
168.52	4044.417	1,562	0.000			
168.54	4044.917	1,563	0.000			
168.56	4045.417	1,564	0.000			
168.57	4045.750 33	1,565	0.000			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
168.58	4045.833 67	1,565	0.000			
168.58	4045.917	1,564	0.000			
168.58	4045.950 33	1,564	0.000			
168.58	4045.983 67	1,564	0.000			
168.58	4046.017	1,564	0.000			
168.58	4046.033 67	1,564	0.000			
168.59	4046.083 67	1,565	0.000			
168.59	4046.117	1,564	0.000			
168.59	4046.133 67	1,564	0.000			
168.59	4046.167	1,565	0.000			
168.59	4046.250 33	1,565	0.000			
168.60	4046.417	1,566	0.000			
168.62	4046.917	1,567	0.000			
168.64	4047.417	1,568	0.000			
168.65	4047.550 33	1,568	0.000			
168.65	4047.667	1,569	0.000			
168.66	4047.917	1,569	0.000			
168.67	4048.167	1,569	0.000			
168.68	4048.250 33	1,569	0.000			
168.68	4048.333 67	1,569	0.000			
168.68	4048.383 67	1,569	0.000			
168.68	4048.400 33	1,569	0.000			
168.69	4048.500 33	1,570	0.000			
168.69	4048.667	1,571	0.000			
168.70	4048.917	1,571	0.000			
168.73	4049.417	1,572	0.000			
168.75	4049.917	1,573	0.000			
168.76	4050.233 67	1,573	0.000			
168.76	4050.250 33	1,573	0.000			
168.76	4050.333 67	1,531	0.000			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
168.77	4050.417	1,435	0.000			
168.77	4050.550 33	1,444	0.000			
168.79	4051.000 33	1,493	0.000	17.7		
168.83	4051.833 67	1,562	0.000	9.4		
168.87	4052.883 67	1,597	0.000	3.6		
168.92	4054.117	1,585	0.000	0		
168.97	4055.167	1,584	0.000	0		
168.99	4055.750 33	1,584	0.000			
169.00	4055.917	1,583	0.000			
169.02	4056.417	1,584	0.000			
169.02	4056.500 33	1,584	0.000			
169.04	4057.000 33	1,584	0.000			
169.06	4057.417	1,586	0.000			
169.08	4057.917	1,587	0.000			
169.10	4058.417	1,587	0.000			
169.12	4058.917	1,587	0.000			
169.14	4059.417	1,587	0.000			
169.16	4059.917	1,587	0.000			
169.18	4060.417	1,590	0.000			
169.20	4060.917	1,593	0.000			
169.23	4061.417	1,593	0.000			
169.25	4061.917	1,594	0.000			
169.27	4062.417	1,595	0.000			
169.29	4062.917	1,596	0.000			
169.31	4063.417	1,596	0.000			
169.33	4063.917	1,597	0.000			
169.35	4064.417	1,597	0.000			
169.37	4064.917	1,598	0.000			
169.39	4065.417	1,599	0.000			
169.41	4065.917	1,600	0.000			
169.43	4066.417	1,600	0.000			
169.45	4066.917	1,601	0.000			
169.48	4067.417	1,601	0.000			
169.50	4067.917	1,602	0.000			
169.52	4068.417	1,603	0.000			
169.54	4068.917	1,603	0.000			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
169.58	4069.917	1,604	0.000			
169.62	4070.967	1,607	0.000	0		
169.65	4071.533 67	1,615	0.000	13.2		
169.67	4072.050 33	1,615	0.000	2		
169.70	4072.783 67	1,610	0.000	0		
169.73	4073.550 33	1,624	0.000	7.7		
169.76	4074.200 33	1,618	0.000	0		
169.79	4074.917	1,615	0.000	0		
169.82	4075.667	1,610	0.000	0		
169.82	4075.783 67	1,610	0.000	0		
169.85	4076.300 33	1,611	0.000	0		
169.86	4076.583 67	1,611	0.000	0		
169.86	4076.750 33	1,610	0.000	0		
169.91	4077.950 33	1,610	0.000			
169.92	4078.000 33	1,607	0.000			
169.94	4078.667	1,609	0.000			
169.98	4079.550 33	1,613	0.000			
169.98	4079.583 67	1,614	0.000		10	
169.99	4079.667	1,578	518.000		13	61
170.00	4079.917	1,493	993.000		16	60
170.01	4080.167	1,390	901.000		16	56
170.02	4080.417	1,244	786.000		16	56
170.04	4080.917	1,110	628.000		16	55
170.06	4081.417	869	1058.000		16	56
170.08	4081.917	420	914.000		16	52
170.10	4082.417	198	406.000		24	52
170.12	4082.917	48	182.000	1.9	24	53
170.14	4083.417	23	124.000			53
170.16	4083.917	6	167.000			53
170.18	4084.417	6	147.000			53
170.20	4084.917	6	156.000			54
170.23	4085.417	2	0.000			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
170.25	4085.917	2	0.000			
170.27	4086.417	2	0.000			
170.29	4086.917	2	0.000			
170.31	4087.417	2	0.000			
170.33	4087.917	2	0.000			
170.35	4088.417	2	0.000			
170.37	4088.917	2	0.000			
170.39	4089.417	2	0.000			
170.41	4089.917	2	0.000			
170.43	4090.417	2	0.000			
170.45	4090.917	2	0.000			
170.48	4091.417	2	0.000			
170.50	4091.917	2	0.000			
170.52	4092.417	2	0.000			
170.54	4092.917	2	0.000			
170.58	4093.917		0.000			
170.95	4102.917		0.000			
171.54	4116.917		0.000			
171.95	4126.917		0.000			
172.00	4127.917		0.000			
172.04	4128.917	28	0.000			
172.04	4128.950 33	29	0.000			
172.08	4129.950 33	44	0.000			
172.12	4130.950 33	56	0.000			
172.16	4131.950 33	70	0.000			
172.21	4132.950 33	82	0.000			
172.25	4133.950 33	95	0.000			
172.29	4134.950 33	107	0.000			
172.33	4135.950 33	118	0.000			
172.37	4136.950 33	134	0.000			
172.41	4137.950 33		0.000			
172.46	4138.950 33	151	0.000			
172.46	4139.083 67	153	0.000			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
172.50	4140.083 67	165	0.000			
172.56	4141.417	187	0.000			
172.62	4142.883 67	195	0.000	0		
172.64	4143.333 67	199	0.000	2		
172.66	4143.867	205	0.000	2		
172.68	4144.433 67	208	0.000	4		
172.72	4145.217	220	0.000	6		
172.75	4145.900 33	228	0.000	4.5		
172.78	4146.617	245	0.000	4		
172.81	4147.333 67	282	0.000	7.9		
172.83	4148.000 33	310	0.000	3.9		
172.86	4148.633 67	324	0.000	4		
172.89	4149.467	365	0.000	6		
172.93	4150.250 33	407	0.000	4		
172.96	4151.000 33	465	0.000	8		
172.99	4151.750 33	508	0.000	4		
173.02	4152.500 33	547	0.000	4		
173.09	4154.167	603	0.000	3.9		
173.13	4155.167	614	0.000	0		
173.17	4156.083 67	625	0.000	5.9		
173.21	4157.000 33	650	0.000	3.9		
173.24	4157.833 67	677	0.000	4		
173.28	4158.667	700	0.000	2		
173.34	4160.083 67	727	0.000	7.8		
173.38	4161.167	760	0.000	3.9		
173.42	4162.083 67	787	0.000	3.8		
173.45	4162.833 67	803	0.000	2		
173.49	4163.667	827	0.000	7.6		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
173.52	4164.583 67	869	0.000	7.6		
173.58	4165.950 33	895	0.000	2		
173.62	4166.867	931	0.000	3.7		
173.66	4167.750 33	958	0.000	8		
173.69	4168.467	996	0.000	8		
173.71	4169.150 33	1,024	0.000	1		
173.75	4169.900 33	1,055	0.000	9		
173.78	4170.667	1,092	0.000	6		
173.82	4171.567	1,128	0.000	4		
173.84	4172.250 33	1,145	0.000	2		
173.87	4172.917	1,170	0.000	8		
173.90	4173.550 33	1,209	0.000	6		
173.93	4174.267	1,240	0.000	4		
173.96	4175.083 67	1,262	0.000	2		
174.00	4175.883 67	1,285	0.000	8		
174.03	4176.617	1,323	0.000	6		
174.09	4178.083 67	1,348	0.000	2		
174.13	4179.000 33	1,376	0.000	7.8		
174.16	4179.833 67	1,408	0.000	8		
174.20	4180.750 33	1,438	0.000	3.8		
174.24	4181.750 33	1,461	0.000	4		
174.27	4182.417	1,471	0.000	1.9		
174.30	4183.250 33	1,492	0.000	7.7		
174.36	4184.583 67	1,507	0.000	7.6		
174.39	4185.417	1,494	0.000	7.6		
174.42	4186.167	1,471	0.000	9.4		
174.43	4186.417	1,385	0.000		48	
174.45	4186.917	1,381	0.000		48	
174.47	4187.167	1,348	0.000		48	
174.48	4187.417	1,335	306.000		48	57

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
174.49	4187.667	1,331	162.000	39	48	58
174.50	4187.917	1,310	140.000	6.3	48	58
174.51	4188.167	1,299	125.000	6.1	48	59
174.52	4188.417	1,288	128.000	11.5	48	59
174.54	4188.917	1,278	139.000	11.2	48	60
174.56	4189.417	1,286	361.000	11.6	48	62
174.58	4189.917	1,282	368.000	5.3	48	62
174.60	4190.417	1,277	335.000	11.5	48	64
174.62	4190.917	1,276	303.000	6.1	48	64
174.64	4191.417	1,279	286.000	6.3	48	65
174.65	4191.667	1,281	194.000	1.7	48	65
174.66	4191.917	1,290	106.000	1.6	48	65
174.68	4192.417	1,313	0.000	3.3	48	
174.70	4192.917	1,327	0.000	0	48	
174.73	4193.417	1,339	0.000	0	48	
174.75	4193.917	1,366	0.000			
174.77	4194.417	1,355	0.000	0		
174.80	4195.133 67	1,355	0.000	6.7		
174.82	4195.783 67	1,356	0.000	3.5		
174.83	4195.917	1,359	0.000	0	48	
174.85	4196.417	1,370	0.000	0	48	
174.87	4196.917	1,382	0.000			
174.91	4197.883 67	1,379	0.000	5.3		
174.95	4198.683 67	1,378	0.000	5.2	48	
174.95	4198.917	1,382	0.000	0	48	
174.98	4199.417	1,390	0.000	0		
175.00	4199.917	1,397	0.000	0		
175.02	4200.417	1,403	0.000	0		
175.08	4202.000 33	1,398	0.000	5.6		
175.12	4202.833 67	1,391	0.000	7.4		
175.17	4204.000 33	1,395	0.000	5.5		
175.18	4204.250 33	1,405	0.000			
175.18	4204.417	1,407	0.000			
175.19	4204.667		0.000			
175.20	4204.917	1,409	0.000	0		
175.22	4205.167	1,409	0.000	3.7		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
175.23	4205.417	1,417	0.000			
175.25	4205.917	1,423	0.000			
175.27	4206.417	1,429	0.000			
175.29	4206.917	1,401	0.000			
175.31	4207.417	1,413	0.000			
175.33	4207.833 67	1,401	0.000	7.6		
175.35	4208.417	1,418	0.000			
175.36	4208.667	1,421	0.000			
175.38	4209.083 67	1,426	0.000			
175.40	4209.583 67	1,397	0.000	5.3		
175.41	4209.917	1,414	0.000			
175.42	4210.167	1,417	0.000			
175.43	4210.417	1,411	0.000			
175.44	4210.667	1,413	0.000	1.9		
175.45	4210.917	1,421	0.000			
175.46	4211.000 33	1,424	0.000			
175.48	4211.583 67	1,399	0.000	9.7	48	
175.50	4211.917	1,377	0.000		48	
175.51	4212.167	1,318	0.000	5.8	48	
175.52	4212.417	1,299	388.000	11.8	48	61
175.53	4212.667	1,294	440.000	0	48	62
175.54	4212.917	1,292	421.000	7.9	48	62
175.56	4213.417	1,262	560.000	14	48	63
175.58	4213.917	1,245	508.000	10	48	64
175.60	4214.417	1,231	489.000	8	48	64
175.62	4214.917	1,222	451.000	9.8	48	65
175.63	4215.083 67	1,223	0.000		48	
175.64	4215.417	1,222	0.000	8	48	
175.66	4215.917	1,191	0.000	9.8	48	
175.68	4216.417	1,194	0.000	9.7	48	
175.70	4216.917	1,214	0.000	3.8	48	
175.73	4217.417	1,250	0.000	0		
175.75	4218.083 67	1,255	0.000	5.7		
175.79	4218.917	1,262	0.000	5.7		
175.82	4219.700 33	1,280	0.000	4.1		
175.85	4220.467	1,258	0.000	7.2		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
175.86	4220.567	1,259	0.000	0	48	
175.86	4220.667	1,248	0.000	3.6	48	
175.87	4220.917	1,237	0.000	5.4		
175.89	4221.417	1,215	0.000	7.1		
175.90	4221.667	1,207	0.000	0	48	
175.91	4221.917	1,196	0.000	10.5	48	
175.92	4222.167	1,210	0.000	0		
175.93	4222.417	1,228	0.000	3.3		
175.95	4222.917	1,241	0.000	0		
175.98	4223.483 67	1,243	0.000	5		
176.00	4224.083 67	1,231	0.000	6.6	48	
176.01	4224.167	1,233	0.000	0	48	
176.02	4224.417	1,242	0.000	0	48	
176.02	4224.533 67	1,256	0.000	0	48	
176.03	4224.667	1,260	0.000	1.6	48	
176.04	4224.917	1,265	0.000	1.6		
176.05	4225.167	1,275	0.000			
176.06	4225.417	1,280	0.000			
176.07	4225.667	1,287	0.000			
176.08	4225.917	1,293	0.000			
176.09	4226.167	1,300	0.000			
176.10	4226.417	1,304	0.000			
176.11	4226.667	1,308	0.000			
176.12	4226.917	1,313	0.000			
176.13	4227.167	1,316	0.000			
176.14	4227.417	1,320	0.000			
176.16	4227.917	1,297	0.000	3		
176.17	4228.083 67	1,299	0.000			
176.20	4228.750 33	1,291	0.000	4.6		
176.22	4229.333 67	1,306	0.000			
176.25	4230.000 33	1,288	0.000	6.8		
176.26	4230.167	1,298	0.000			
176.27	4230.583 67	1,294	0.000	4.7		
176.28	4230.667	1,290	0.000			
176.29	4230.917	1,303	0.000			
176.30	4231.167	1,310	0.000			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
176.31	4231.417	1,316	0.000			
176.32	4231.667	1,321	0.000			
176.33	4231.917	1,328	0.000			
176.35	4232.500 33	1,297	0.000	2		
176.36	4232.667	1,305	0.000			
176.37	4232.917	1,308	0.000			
176.38	4233.167	1,290	0.000			
176.39	4233.417	1,308	0.000			
176.40	4233.667	1,317	0.000	2.2		
176.41	4233.917	1,323	0.000			
176.42	4234.167	1,328	0.000			
176.43	4234.417	1,333	0.000			
176.45	4234.833 67	1,337	0.000			
176.45	4234.917		0.000			
176.48	4235.417	1,344	0.000			
176.50	4236.083 67	1,317	0.000	4.5		
176.52	4236.417	1,323	0.000			
176.57	4237.667	1,327	0.000	11.2		
176.60	4238.333 67	1,292	0.000	10		
176.60	4238.417		0.000	0		
176.61	4238.583 67	1,297	0.000	0	48	
176.61	4238.667	1,276	482.000	5.3	48	62
176.62	4238.917	1,256	507.000	3.5	48	64
176.63	4239.167	1,239	532.000	10.6	48	65
176.64	4239.417	1,230	468.000	1.8	48	66
176.66	4239.917	1,219	394.000	7.4	48	67
176.68	4240.417	1,201	489.000	7.4	48	69
176.70	4240.917	1,186	404.000	11.4	48	70
176.73	4241.417	1,174	421.000	7.7	48	70
176.75	4241.917	1,167	361.000	9.7	48	72
176.77	4242.417	1,159	389.000	7.3	48	72
176.79	4242.917	1,154	332.000	6.4	48	73
176.81	4243.417	1,151	306.000	7.9	48	73
176.83	4243.917	1,148	309.000	5.9	48	74
176.85	4244.417	1,146	261.000	6	48	74
176.86	4244.667	1,146	0.000		48	
176.87	4244.917	1,146	0.000	5.9	48	
176.89	4245.417	1,145	0.000	5.7	48	

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
176.91	4245.917	1,132	0.000	7.5	48	
176.93	4246.417	1,118	0.000	7.9		
176.95	4246.917	1,127	0.000	5		
176.98	4247.417	1,147	0.000	3.3		
177.00	4247.917	1,167	0.000	0	48	
177.02	4248.417	1,191	0.000	0	48	
177.07	4249.667	1,201	0.000	3.4		
177.11	4250.583 67	1,202	0.000	3.4		
177.12	4250.917	1,214	0.000			
177.13	4251.167	1,222	0.000			
177.16	4251.750 33	1,232	0.000	1.7		
177.16	4251.917	1,236	0.000			
177.17	4252.167	1,242	0.000			
177.21	4253.000 33	1,215	0.000	7		
177.22	4253.250 33	1,210	0.000			
177.23	4253.417	1,211	0.000	3.5		
177.27	4254.417	1,228	0.000	5.4		
177.28	4254.667	1,240	0.000			
177.29	4254.917	1,245	0.000			
177.31	4255.417	1,219	0.000	5.5		
177.32	4255.667	1,234	0.000			
177.33	4255.917	1,223	0.000	3.7		
177.34	4256.167	1,234	0.000			
177.35	4256.417	1,240	0.000			
177.36	4256.667	1,245	0.000			
177.38	4257.083 67	1,244	0.000	3.7		
177.39	4257.417	1,250	0.000			
177.40	4257.667	1,256	0.000			
177.43	4258.417	1,256	0.000	3.7		
177.44	4258.667	1,234	0.000			
177.45	4258.917	1,233	0.000	3.8		
177.47	4259.167	1,246	0.000			
177.48	4259.417	1,250	0.000			
177.50	4260.083 67	1,223	0.000	7.6		
177.52	4260.417	1,200	0.000	7.7	48	
177.53	4260.667	1,181	484.000	3.8	48	62
177.54	4260.917	1,169	438.000	3.9	48	64

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
177.56	4261.417	1,156	439.000	7.8	48	64
177.58	4261.917	1,140	421.000	10	48	64
177.60	4262.417	1,127	416.000	5.9	48	65
177.62	4262.917	1,124	304.000	7.9	48	65
177.64	4263.417	1,118	350.000	6	48	67
177.66	4263.917	1,112	340.000	6.1	48	68
177.68	4264.417	1,110	272.000	5.9	48	69
177.70	4264.917	1,105	291.000	6.1	48	69
177.71	4265.083 67	1,109	0.000		48	
177.73	4265.417	1,092	0.000	6.3	48	
177.75	4265.917	1,070	0.000	13.3	40	
177.77	4266.417	1,068	0.000	5.3	40	
177.79	4266.917	1,081	0.000	5.2	42	
177.81	4267.417	1,069	0.000	8.9	40	
177.83	4267.917	1,067	0.000	5.5	40	
177.85	4268.417	1,061	0.000	7.4	48	
177.87	4268.917	1,058	0.000	7.5	48	
177.89	4269.417	1,051	0.000	5.7	32	
177.90	4269.667	1,058	263.000		36	72
177.91	4269.750 33	1,062	0.000			
177.91	4269.917	1,059	0.000	3.8		
177.92	4270.167	1,046	0.000		48	
177.93	4270.333 67	1,040	0.000		48	
177.93	4270.417	1,040	380.000	7.7	48	71
177.94	4270.500 33	1,041	365.000		48	71
177.94	4270.583 67	1,044	290.000		48	71
177.94	4270.667	1,046	272.000	2	48	71
177.95	4270.917	1,052	0.000	2	48	
177.98	4271.417	1,066	0.000	5.8	48	
178.00	4271.917	1,078	0.000	1.9	48	
178.00	4272.083 67	1,084	0.000	0		
178.02	4272.417	1,097	0.000	0		
178.03	4272.667	1,113	0.000			
178.04	4272.917	1,120	0.000			
178.05	4273.167	1,121	0.000			
178.06	4273.417	1,122	0.000			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
178.09	4274.083 67	1,120	0.000	2		
178.11	4274.750 33	1,137	0.000	4		
178.12	4274.917	1,141	0.000			
178.13	4275.167	1,149	0.000			
178.14	4275.417	1,156	0.000			
178.15	4275.667	1,165	0.000			
178.16	4275.917	1,169	0.000			
178.17	4276.167	1,175	0.000			
178.20	4276.833 67	1,139	0.000	3.9		
178.20	4276.917	1,137	0.000			
178.21	4277.000 33	1,133	237.000	5.9		59
178.22	4277.167	1,140	0.000			
178.23	4277.417	1,153	0.000			
178.24	4277.667	1,162	0.000			
178.25	4277.917	1,166	0.000			
178.26	4278.167	1,172	0.000			
178.27	4278.417	1,176	0.000			
178.28	4278.667	1,184	0.000			
178.31	4279.417	1,157	0.000	4		
178.32	4279.750 33	1,162	0.000			
178.33	4279.917	1,159	0.000	3.9		
178.34	4280.167	1,169	0.000			
178.35	4280.417	1,174	0.000			
178.38	4281.083 67	1,165	0.000	6		
178.39	4281.333 67	1,181	0.000			
178.40	4281.667	1,172	0.000	2		
178.41	4281.917	1,180	0.000			
178.42	4282.167	1,187	0.000			
178.43	4282.417	1,192	0.000			
178.44	4282.667	1,190	0.000	1.9		
178.45	4282.917	1,191	0.000			
178.47	4283.167	1,197	0.000			
178.49	4283.833 67	1,176	0.000	4		
178.50	4284.083 67	1,160	0.000			
178.52	4284.417	1,162	0.000	4		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
178.53	4284.667	1,121	0.000	7	48	
178.54	4284.917	1,116	480.000	4	48	61
178.56	4285.417	1,099	454.000	8	48	62
178.58	4285.917	1,081	459.000	8	48	62
178.60	4286.417	1,065	443.000	8	48	62
178.62	4286.917	1,056	434.000	5	48	62
178.64	4287.417	1,047	0.000	8	48	
178.66	4287.917	1,037	0.000	8	48	
178.68	4288.417	1,029	0.000	8	36	
178.70	4288.917	1,024	0.000	7	36	
178.73	4289.417	1,020	0.000	7	36	
178.75	4289.917	1,017	0.000	5	36	
178.77	4290.417	1,009	0.000	7	40	
178.79	4290.917	1,008	0.000	7	40	
178.81	4291.417	999	0.000	6	40	
178.83	4291.917	999	0.000	6	40	
178.85	4292.417	992	0.000	6	40	
178.87	4292.917	989	0.000	7	40	
178.89	4293.417	987	0.000	6	36	
178.91	4293.917	987	0.000	6	36	
178.93	4294.417	986	0.000	6	36	
178.95	4294.917	986	0.000	7	36	
178.98	4295.417	986	0.000	3	36	
179.00	4295.917	987	0.000	5	32	
179.02	4296.417	987	0.000	5	32	
179.04	4296.917	988	0.000	3.4		
179.06	4297.417	990	0.000	7		
179.08	4297.917	992	0.000	3.4		
179.10	4298.417	994	0.000	3.6		
179.12	4298.917	998	0.000	3.6		
179.14	4299.417	983	0.000	7.4		
179.16	4299.917	986	0.000	3.8		
179.18	4300.417	995	0.000	3.6		
179.20	4300.917	999	0.000	3.7		
179.23	4301.417	977	0.000	7.6		
179.25	4301.917	976	0.000	3.8		
179.27	4302.417	982	0.000	3.9		
179.29	4302.917	983	0.000	3.8		
179.31	4303.417	983	0.000	5.8		
179.33	4303.917	1,034	0.000	2		
179.35	4304.417	1,067	0.000			
179.37	4304.917	1,082	0.000			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
179.39	4305.417	1,089	0.000			
179.41	4305.917	1,100	0.000			
179.43	4306.250 33	1,071	0.000	3.8		
179.43	4306.417	1,041	0.000	3.8		
179.45	4306.917	1,012	0.000	4.5		
179.48	4307.417	1,025	0.000			
179.49	4307.833 67	1,055	0.000			
179.52	4308.417	1,051	0.000	1.9		
179.54	4308.917	1,053	0.000	2		
179.56	4309.417	1,083	0.000	0		
179.58	4309.917	1,090	0.000	0		
179.59	4310.167	1,098	0.000	0		
179.60	4310.417	1,063	0.000	4	36	
179.62	4310.917	1,002	506.000	8	32	61
179.63	4311.167	994	461.000	2	32	61
179.64	4311.417	988	429.000	2	32	61
179.66	4311.917	973	403.000	6	32	62
179.68	4312.417	957	423.000	6	32	63
179.70	4312.917	945	417.000	4	32	64
179.73	4313.417	932	452.000	6	34	64
179.75	4313.917	922	442.000	6	34	64
179.77	4314.417	912	461.000	4	34	64
179.79	4314.917	907	396.000	4	34	65
179.81	4315.417	895	0.000	8	34	
179.83	4315.917	888	0.000	4	34	
179.85	4316.417	880	0.000	6	34	
179.87	4316.917	877	0.000	4	30	
179.89	4317.417	877	0.000	4	30	
179.91	4317.917	871	0.000	4	30	
179.93	4318.417	864	0.000	4	30	
179.95	4318.917	859	0.000	6	30	
179.98	4319.417	860	0.000	3	26	
180.00	4319.917	861	0.000	4	26	
180.02	4320.417	864	0.000	3	26	
180.04	4320.917	888	0.000	1.8		
180.06	4321.417	917	0.000			
180.08	4321.917	942	0.000			
180.11	4322.667	949	0.000	1.9		
180.14	4323.333 67	948	0.000	3.7		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
180.14	4323.417	928	0.000	3.8		
180.15	4323.667	900	0.000			
180.16	4323.917	879	0.000	5.4		
180.18	4324.417	865	0.000	3.6		
180.20	4324.917	860	0.000	5.2		
180.23	4325.417	856	0.000	3.5		
180.25	4325.917	854	0.000	5.1		
180.27	4326.417	893	0.000	1.7		
180.29	4326.917	925	0.000			
180.32	4327.750 33	939	0.000	3.4		
180.34	4328.083 67		0.000			
180.34	4328.167	802	0.000			
180.35	4328.417	752	0.000	8.2		
180.37	4328.917	761	0.000			
180.39	4329.417	779	0.000			
180.41	4329.917	831	0.000	1.7		
180.43	4330.417	872	0.000			
180.46	4331.000 33	865	0.000	3.9		
180.48	4331.417	902	0.000			
180.50	4331.917	915	0.000	4.3		
180.52	4332.417	916	0.000	0		
180.53	4332.667	930	0.000	0	24	
180.54	4332.917	939	0.000		24	
180.56	4333.417	968	0.000	2		
180.58	4333.917	978	0.000			
180.60	4334.417	995	0.000			
180.61	4334.583 67	1,008	0.000			
180.62	4334.917	1,010	0.000	1		
180.63	4335.167	1,008	0.000			
180.65	4335.583 67	1,014	0.000	1		
180.66	4335.917	1,018	0.000			
180.68	4336.250 33	1,030	0.000			
180.70	4336.817	1,054	0.000	2		
180.70	4336.917	1,047	0.000			
180.72	4337.167	1,047	0.000			
180.72	4337.317	1,047	0.000			
180.73	4337.417	1,048	0.000			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
180.76	4338.167	1,050	0.000			
180.77	4338.583 67	1,073	0.000			
180.78	4338.750 33	1,096	0.000			
180.79	4338.917	1,090	0.000			
180.81	4339.417	1,078	0.000			
180.83	4339.800 33	1,078	0.000			
180.84	4340.183 67	1,078	0.000			
180.85	4340.483 67	1,078	0.000	3		
180.86	4340.667	1,088	0.000			
180.88	4341.033 67	1,094	0.000	2		
180.89	4341.283 67	1,096	0.000			
180.91	4341.833 67	1,100	0.000	3		
180.91	4341.917	1,107	0.000			
180.93	4342.200 33	1,107	0.000			
180.94	4342.667	1,112	0.000	3		
180.95	4342.917	1,120	0.000			
181.00	4343.917	1,120	0.000			
181.03	4344.833 67	1,128	0.000	3		
181.06	4345.417	1,141	0.000			
181.07	4345.667	1,145	0.000			
181.09	4346.250 33	1,140	0.000	3		
181.10	4346.417	1,143	0.000			
181.11	4346.667	1,147	0.000			
181.14	4347.333 67	1,155	0.000	3		
181.16	4347.917	1,161	0.000			
181.19	4348.667	1,145	0.000	6		
181.20	4348.917	1,121	0.000			
181.22	4349.167	1,137	0.000	3		
181.23	4349.417	1,145	0.000			
181.25	4349.917	1,154	0.000			
181.27	4350.500 33	1,127	0.000	7		
181.29	4350.917	1,112	0.000	5		

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
181.31	4351.417	1,106	0.000	3		
181.33	4351.917	1,081	0.000	9		
181.35	4352.417	1,054	0.000	7		
181.37	4352.917	1,030	0.000	7		
181.39	4353.417	1,025	0.000	7	44	
181.41	4353.917	1,038	0.000	4	40	
181.43	4354.417	988	0.000	8	40	
181.45	4354.917	999	0.000	4	40	
181.48	4355.417	998	0.000	6	36	
181.50	4355.917	998	0.000	6	36	
181.52	4356.417	973	0.000	6	36	
181.54	4356.917	963	0.000	6	32	
181.56	4357.417	953	0.000	6	32	
181.58	4357.917	948	0.000	6.4	32	
181.60	4358.417	940	0.000	5.9	32	
181.62	4358.917	936	0.000	7.9	32	
181.64	4359.417	938	0.000	2	28	
181.66	4359.917	928	0.000	6	36	
181.68	4360.417	920	0.000	4.1	36	
181.70	4360.917	919	0.000	6	34	
181.73	4361.417	913	0.000	5.9	34	
181.75	4361.917	909	0.000	4	34	
181.77	4362.417	905	0.000	5.9	34	
181.79	4362.917	903	0.000	4	34	
181.81	4363.417	900	0.000	3.9	30	
181.83	4363.917	902	0.000	3.9	40	
181.85	4364.417	896	0.000	6	40	
181.87	4364.917	895	0.000	2	40	
181.89	4365.417	939	0.000		36	
181.91	4365.833 67	960	571.000		36	64
181.92	4366.000 33	963	0.000		48	
181.93	4366.417	971	0.000		48	
181.95	4366.917	985	0.000			
181.98	4367.417	1,001	0.000			
182.00	4367.917	1,012	0.000			
182.02	4368.417	1,021	0.000			
182.04	4368.917	1,029	0.000			
182.06	4369.417	1,038	0.000			
182.08	4369.917	1,042	0.000			
182.10	4370.417	1,050	0.000			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
182.12	4370.917	1,056	0.000			
182.14	4371.417	1,061	0.000			
182.16	4371.917	1,067	0.000			
182.18	4372.417	1,072	0.000			
182.20	4372.917	1,076	0.000			
182.23	4373.417	1,080	0.000			
182.25	4373.917	1,084	0.000			
182.27	4374.417	1,088	0.000			
182.29	4374.917	1,092	0.000			
182.31	4375.417	1,095	0.000			
182.33	4375.917	1,099	0.000			
182.33	4376.000 33	1,082	0.000			
182.34	4376.167	1,003	591.000			51
182.35	4376.417	1,003	104.000	6		52
182.36	4376.667	1,025	0.000			
182.37	4376.917	1,034	0.000			
182.39	4377.417	1,047	0.000			
182.41	4377.917	1,059	0.000			
182.42	4378.167	1,066	0.000			
182.43	4378.333 67	1,063	0.000			
182.45	4378.917	1,079	0.000			
182.48	4379.417	1,069	0.000	2		
182.49	4379.667	1,077	0.000			
182.51	4380.250 33	1,069	0.000	6		
182.52	4380.417	1,067	0.000	0		
182.54	4380.917	1,070	0.000	2		
182.56	4381.417	1,083	0.000			
182.58	4381.917	1,092	0.000			
182.60	4382.417	1,099	0.000			
182.62	4382.917	1,105	0.000			
182.64	4383.417	1,111	0.000			
182.66	4383.917	1,118	0.000			
182.68	4384.417	1,121	0.000			
182.70	4384.917	1,125	0.000			
182.73	4385.417	1,129	0.000			
182.73	4385.500 33	1,129	1527.000		36	51
182.73	4385.583 67	1,099	871.000		36	51
182.74	4385.667	1,087	0.000			

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
182.75	4385.917	1,100	0.000			
182.77	4386.417	1,107	0.000			
182.79	4386.917	1,115	0.000			
182.81	4387.417	1,125	0.000			
182.83	4387.917	1,129	0.000			
182.85	4388.417	1,137	0.000			
182.87	4388.833 67	1,141	287.000		24	52
182.87	4388.917	1,114	616.000		24	53
182.88	4389.000 33	1,101	618.000		24	51
182.89	4389.417	1,115	0.000			
182.91	4389.917	1,120	0.000			
182.93	4390.417	1,129	0.000			
182.95	4390.917	1,136	0.000			
182.98	4391.417	1,143	0.000			
183.00	4391.917	1,149	0.000			
183.02	4392.417	1,153	0.000			
183.04	4392.917	1,157	0.000			
183.06	4393.417	1,166	0.000			
183.08	4393.917	1,166	0.000			
183.10	4394.417	1,167	0.000			
183.12	4394.917	1,170	0.000			
183.14	4395.417	1,174	0.000			
183.16	4395.917	1,175	0.000			
183.18	4396.417	1,177	0.000			
183.20	4396.917	1,179	0.000			
183.23	4397.417	1,181	0.000			
183.25	4397.917	1,183	0.000			
183.27	4398.417	1,185	0.000			
183.29	4398.917	1,187	0.000			
183.31	4399.417	1,189	0.000			
183.33	4399.917	1,191	0.000		10	
183.34	4400.167	1,171	226.000		10	51
183.35	4400.417	1,163	197.000		12	51
183.36	4400.667	1,164	283.000		20	51
183.37	4400.917	1,146	172.000	5	24	50
183.38	4401.167	1,143	122.000		30	51
183.39	4401.417	1,129	347.000	5	30	53
183.41	4401.917	1,101	386.000	7	20	52
183.43	4402.417	1,098	327.000	5	20	53
183.45	4402.917	1,086	385.000	5	20	53

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
183.48	4403.417	1,075	347.000	5	19	53
183.50	4403.917	1,067	347.000	3	19	53
183.52	4404.417	1,058	344.000	3	19	53
183.54	4404.917	1,051	351.000	3.3	18	53
183.56	4405.417	1,046	302.000	5.1	18	52
183.58	4405.917	1,042	296.000	1.6	18	53
183.60	4406.417	1,034	280.000	3.5	18	52
183.62	4406.917	1,034	254.000	3.5	18	53
183.64	4407.417	1,031	247.000	3.5	18	54
183.66	4407.917	1,027	246.000	3.5	18	54
183.68	4408.417	1,024	237.000	3.6	18	54
183.70	4408.917	1,020	243.000	3.6	18	54
183.73	4409.417	1,017	231.000	1.9	18	54
183.75	4409.917	1,014	243.000	3.7	18	54
183.77	4410.417	1,012	213.000	1.8	18	54
183.79	4410.917	1,010	207.000	2	18	55
183.81	4411.417	1,004	257.000	3.6	19	56
183.83	4411.917	999	262.000	3.7	19	56
183.85	4412.417	995	219.000	3.8	19	55
183.87	4412.917	993	252.000	1.9	19	55
183.89	4413.417	991	237.000	3.8	19	55
183.91	4413.917	987	240.000	3.8	19	55
183.93	4414.417	986	259.000	2	19	55
183.95	4414.917	983	239.000	3.8	19	55
183.98	4415.417	982	186.000	1.9	19	53
184.00	4415.917	981	219.000	3.9	19	53
184.02	4416.417	979	211.000	2	19	53
184.04	4416.917	978	193.000	2	19	53
184.06	4417.417	977	213.000	4	19	53
184.08	4417.917	976	232.000	2	19	51
184.10	4418.417	974	240.000	5	19	51
184.12	4418.917	972	185.000	4	19	51
184.14	4419.417	971	183.000	2	19	51
184.16	4419.917	970	201.000	2	19	52
184.18	4420.417	969	203.000	4	19	52
184.20	4420.917	968	216.000	2	19	52
184.23	4421.417	967	195.000	2	19	52
184.25	4421.917	966	232.000	4	19	52
184.27	4422.417	965	209.000	2	19	51
184.29	4422.917	964	197.000	4	19	51
184.31	4423.417	963	203.000	2	19	50
184.33	4423.917	963	196.000	2	19	49

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
184.35	4424.417	962	213.000	4	19	49
184.37	4424.917	961	207.000	2	19	50
184.39	4425.417	960	156.000	2	19	50
184.41	4425.917	959	203.000	4	19	51
184.43	4426.417	958	158.000	2	19	51
184.45	4426.917	958	176.000	2	19	51
184.48	4427.417	957	196.000	4	19	51
184.50	4427.917	956	198.000	2	19	51
184.52	4428.417	955	192.000	4	19	51
184.54	4428.917	954	209.000	2	19	51
184.56	4429.417	953	220.000	1.9	19	51
184.58	4429.917	952	222.000	2	19	51
184.60	4430.417	951	237.000	4	19	51
184.62	4430.917	951	208.000	2	19	52
184.64	4431.417	950	211.000	1.9	19	52
184.66	4431.917	949	176.000	3.9	19	52
184.68	4432.417	948	176.000	2	19	52
184.70	4432.917	948	226.000	1.9	19	53
184.73	4433.417	947	170.000	3.8	19	53
184.75	4433.917	945	192.000	2	19	53
184.77	4434.417	944	162.000	1.9	19	54
184.79	4434.917	944	225.000	3.8	19	54
184.81	4435.417	943	218.000	3.8	19	55
184.83	4435.917	941	221.000	1.9	19	55
184.85	4436.417	940	190.000	1.9	19	55
184.87	4436.917	939	193.000	1.9	19	56
184.89	4437.417	937	192.000	3.8	19	56
184.91	4437.917	935	224.000	1.8	19	56
184.93	4438.417	934	226.000	3.7	19	56
184.95	4438.917	933	221.000	2	19	56
184.98	4439.417	931	233.000	3.6	19	57
185.00	4439.917	931	219.000	3.7	19	57
185.02	4440.417	929	195.000	3.6	19	56
185.04	4440.917	928	219.000	3.6	19	56
185.06	4441.417	927	216.000	1.8	19	56
185.08	4441.917	926	247.000	3.5	19	56
185.10	4442.417	925	229.000	3.5	19	56
185.12	4442.917	924	233.000	1.7	19	56
185.14	4443.417	923	219.000	1.8	19	57
185.16	4443.917	922	233.000	3.5	19	57
185.18	4444.417	921	235.000	3.3	19	57
185.20	4444.917	920	215.000	3.4	19	57

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
185.23	4445.417	918	239.000	1.6	20	57
185.25	4445.917	914	254.000	3.3	20	57
185.27	4446.417	909	281.000	3.3	21	57
185.29	4446.917	905	267.000	3.2	21	57
185.31	4447.417	901	278.000	3.1	22	58
185.33	4447.917	898	296.000	4.6	22	58
185.35	4448.417	895	275.000	3	22	58
185.37	4448.917	896	280.000	4.1	23	58
185.39	4449.417	886	323.000	3.8	23	58
185.41	4449.917	883	324.000	3.3	23	57
185.43	4450.417	880	300.000	3.3	23	57
185.45	4450.917	878	302.000	3	23	57
185.48	4451.417	875	278.000	3.1	23	57
185.50	4451.917	875	297.000	4.7	24	57
185.52	4452.417	868	307.000	1.6	24	57
185.54	4452.917	865	302.000	3.3	24	57
185.56	4453.417	862	334.000	5	24	57
185.58	4453.917	859	328.000	3.4	24	57
185.60	4454.417	856	333.000	3.4	24	57
185.62	4454.917	854	308.000	3.5	24	57
185.64	4455.417	851	328.000	3.5	24	58
185.66	4455.917	849	325.000	3.4	24	58
185.68	4456.417	847	303.000	3.6	24	58
185.70	4456.917	845	315.000	1.8	24	58
185.73	4457.417	844	321.000	3.6	24	58
185.75	4457.917	842	313.000	3.7	24	58
185.77	4458.417	841	342.000	3.7	24	58
185.79	4458.917	839	315.000	3.7	24	58
185.81	4459.417	837	314.000	1.9	24	58
185.83	4459.917	835	322.000	3.7	24	59
185.85	4460.417	833	326.000	3.8	24	59
185.87	4460.917	832	328.000	1.9	24	59
185.89	4461.417	830	328.000	3.8	24	59
185.91	4461.917	827	315.000	3.8	24	59
185.93	4462.417	827	286.000	2	24	59
185.95	4462.917	825	327.000	3.8	25	59
185.98	4463.417	822	324.000	1.9	25	59
186.00	4463.917	819	323.000	3.9	25	58
186.02	4464.417	817	313.000	3.9	25	58
186.04	4464.917	815	340.000	3.8	25	59
186.06	4465.417	812	355.000	3.5	25	59
186.08	4465.917	811	347.000	4.5	25	58

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
186.10	4466.417	809	326.000	1.9	25	58
186.12	4466.917	806	318.000	3.9	25	58
186.14	4467.417	805	339.000	2	25	58
186.16	4467.917	803	370.000	4	25	58
186.18	4468.417	801	324.000	3.9	25	58
186.20	4468.917	799	329.000	2	25	58
186.23	4469.417	794	316.000	4	25	58
186.25	4469.917	797	323.000	2	25	58
186.27	4470.417	796	300.000	4.2	25	58
186.29	4470.917	795	323.000	2	25	58
186.31	4471.417	794	306.000	4	25	58
186.33	4471.917	793	314.000	2	25	58
186.35	4472.417	792	309.000	3.9	25	58
186.37	4472.917	790	337.000	2	25	58
186.39	4473.417	789	321.000	4	25	57
186.41	4473.917	787	323.000	2	25	57
186.43	4474.417	786	306.000	1.9	25	
186.45	4474.917	785	337.000	4.4	25	57
186.48	4475.417	785	322.000	1.9	25	57
186.50	4475.917	784	313.000	3.9	25	58
186.52	4476.417	782	329.000	2	25	58
186.54	4476.917	781	317.000	4	25	58
186.56	4477.417	780	293.000	2	25	58
186.58	4477.917	778	343.000	1.9	25	58
186.60	4478.417	777	309.000	3.9	25	58
186.62	4478.917	776	280.000	2	25	58
186.64	4479.417	775	302.000	3.8	25	58
186.66	4479.917	774	322.000	1.9	25	58
186.68	4480.417	774	309.000	3.9	25	58
186.70	4480.917	773	272.000	1.9	25	58
186.73	4481.417	772	325.000	1.9	25	58
186.75	4481.917	771	294.000	3.8	25	58
186.77	4482.417	770	327.000	1.9	25	59
186.79	4482.917	769	288.000	1.9	25	59
186.81	4483.417	768	291.000	3.8	25	58
186.83	4483.917	768	282.000	1.9	25	56
186.85	4484.417	766	317.000	3.6	26	55
186.87	4484.917	763	319.000	1.9	26	55
186.89	4485.417	762	307.000	3.7	26	55
186.91	4485.917	761	322.000	1.9	26	55
186.93	4486.417	760	295.000	3.6	26	55
186.95	4486.917	758	298.000	1.8	26	55

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
186.98	4487.417	758	319.000	3.6	26	55
187.00	4487.917	757	296.000	1.8	26	55
187.02	4488.417	756	307.000	3.5	26	54
187.04	4488.917	753	300.000	1.7	27	54
187.06	4489.417	752	330.000	3.5	27	54
187.08	4489.917	750	295.000	3.5	27	54
187.10	4490.417	749	330.000	3.6	27	54
187.12	4490.917	748	310.000	1	27	54
187.14	4491.417	746	315.000	4.1	27	56
187.16	4491.917	745	326.000	4.6	27	58
187.18	4492.417	747	288.000	2.4	27	56
187.20	4492.917	745	317.000	2.5	28	57
187.23	4493.417	743	319.000	2.6	28	57
187.25	4493.917	741	331.000	2.7	28	57
187.27	4494.417	740	311.000	2.8	28	57
187.29	4494.917	738	305.000	2.8	28	58
187.31	4495.417	735	336.000	2.9	30	58
187.33	4495.917	735	330.000	3	31	58
187.35	4496.417	733	317.000	3	31	58
187.37	4496.917	731	340.000	3.1	31	58
187.39	4497.417	728	329.000	3.1	32	58
187.41	4497.917	727	345.000	3.1	32	56
187.43	4498.417	725	356.000	3.3	32	58
187.45	4498.917	722	345.000	1.7	33	58
187.48	4499.417	721	354.000	3.3	34	58
187.50	4499.917	719	334.000	1.7	34	58
187.52	4500.417	717	383.000	3.3	36	58
187.54	4500.917	716	335.000	3.5	36	56
187.56	4501.417	717	314.000	1.8	36	55
187.58	4501.917	715	305.000	3.5	32	55
187.60	4502.417	715	275.000	1.7	32	55
187.62	4502.917	716	352.000	3.5	32	55
187.64	4503.417	715	332.000	1.8	32	55
187.66	4503.917	713	310.000	1.8	32	55
187.68	4504.417	711	303.000	3.6	32	55
187.70	4504.917	710	319.000	3.7	32	55
187.73	4505.417	708	333.000	1.9	32	55
187.75	4505.917	707	337.000	1.8	33	56
187.77	4506.417	706	371.000	3.7	33	57
187.79	4506.917	705	342.000	1.9	33	57
187.81	4507.417	704	320.000	1.8	33	57
187.83	4507.917	703	314.000	3.8	33	57

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
187.85	4508.417	702	293.000	3.8	33	57
187.87	4508.917	701	325.000	1.9	34	58
187.89	4509.417	700	318.000	1.9	34	57
187.91	4509.917	699	339.000	3.9	34	57
187.93	4510.417	698	322.000	2	34	57
187.95	4510.917	697	291.000	1.9	34	57
187.98	4511.417	697	282.000	1.9	35	55
188.00	4511.917	696	287.000	1.9	35	55
188.02	4512.417	695	350.000	3.9	35	55
188.04	4512.917	693	334.000	2	35	55
188.06	4513.417	693	348.000	3.8	35	55
188.08	4513.917	692	320.000	2	35	55
188.10	4514.417	691	322.000	2	36	55
188.12	4514.917	692	294.000	2.5	36	54
188.14	4515.417	693	303.000	2	36	54
188.16	4515.917	691	310.000	3.9	35	53
188.18	4516.417	690	307.000	1.9	35	53
188.20	4516.917	690	318.000	2	35	53
188.23	4517.417	689	310.000	2	35	54
188.25	4517.917	688	307.000	2	35	56
188.27	4518.417	687	308.000	3.9	36	54
188.29	4518.917	687	286.000	2	36	54
188.31	4519.417	686	290.000	2	36	54
188.33	4519.917	686	288.000	2	36	54
188.35	4520.417	686	281.000	2	34	54
188.37	4520.917	686	290.000	3.9	32	54
188.39	4521.417	686	303.000	2	32	53
188.41	4521.917	687	284.000	2	32	53
188.43	4522.417	688	284.000	2	32	53
188.45	4522.917	688	280.000	2	33	53
188.48	4523.417	689	255.000	2	33	55
188.50	4523.917	690	287.000	2	33	56
188.52	4524.417	691	254.000	2	40	56
188.54	4524.917	692	257.000	2	40	55
188.56	4525.417	692	230.000	2	40	55
188.58	4525.917	693	262.000	2	40	55
188.60	4526.417	694	257.000	2	40	55
188.62	4526.917	694	270.000	2	40	55
188.64	4527.417	695	255.000	2	40	56
188.66	4527.917	697	227.000	2	40	56
188.68	4528.417	697	259.000	2	40	56
188.70	4528.917	698	254.000	1	44	56

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
188.73	4529.417	699	256.000	3	44	56
188.75	4529.917	698	219.000	2	48	56
188.77	4530.417	697	260.000	2	54	57
188.79	4530.917	693	284.000	2	54	57
188.81	4531.417	689	263.000	1.9	54	57
188.83	4531.917	685	292.000	3.9	58	58
188.85	4532.417	682	294.000	2	58	58
188.87	4532.917	680	269.000	1.9	58	58
188.89	4533.417	679	272.000	1.9	58	58
188.91	4533.917	676	275.000	1.9		57
188.93	4534.417	675	343.000	3.9		57
188.95	4534.917	673	299.000	3.8		57
188.98	4535.417	672	300.000	1.9		57
189.00	4535.917	670	325.000	2		56
189.02	4536.417	669	295.000	2		56
189.04	4536.917	667	295.000	2		56
189.06	4537.417	666	342.000	3.7		56
189.08	4537.917	665	345.000	1.8		56
189.10	4538.417	665	293.000	3.8		56
189.12	4538.917	664	313.000	1.8		56
189.14	4539.417	663	275.000	2		56
189.16	4539.917	662	310.000	1.7		56
189.18	4540.417	663	281.000	1.8		56
189.20	4540.917	664	284.000	1.8		56
189.23	4541.417	668	274.000	1.8		56
189.25	4541.917	671	246.000	1.8		56
189.27	4542.417	674	213.000	1.8		55
189.29	4542.917	676	244.000	1.8		55
189.31	4543.417	678	217.000	1.7		54
189.33	4543.917	681	221.000	1.7		54
189.35	4544.417	682	173.000	0		53
189.37	4544.917	683	203.000	1.7		53
189.39	4545.417	682	264.000	1.7		53
189.41	4545.917	680	280.000	2		53
189.43	4546.417	679	225.000	1.7		54
189.45	4546.917	677	237.000	1.8		54
189.48	4547.417	675	269.000	3.3		54
189.50	4547.917	672	280.000	1.7		54
189.52	4548.417	669	270.000	3.3		54
189.54	4548.917	668	277.000	1.7		53
189.56	4549.417	667	292.000	1.8		53
189.58	4549.917	666	261.000	3.3		53

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
189.60	4550.417	666	292.000	1.6		54
189.62	4550.917	665	287.000	3.1		54
189.64	4551.417	666	235.000	1.5		54
189.66	4551.917	666	226.000	3.1		55
189.68	4552.417	666	262.000	1.5		55
189.70	4552.917	666	274.000	3		56
189.73	4553.417	666	278.000	3.8		57
189.75	4553.917	665	267.000	1.6		58
189.77	4554.417	664	289.000	1.8		58
189.79	4554.917	663	232.000	3.4		59
189.81	4555.417	661	255.000	3.2		59
189.83	4555.917	661	296.000	2.3		60
189.85	4556.417	660	279.000	2.4		60
189.87	4556.917	658	293.000	2.5		60
189.89	4557.417	657	282.000	1.2		60
189.91	4557.917	655	299.000	1.3		60
189.93	4558.417	655	260.000	4		60
189.95	4558.917	654	295.000	2.8		60
189.98	4559.417	654	288.000	2.4		59
190.00	4559.917	654	250.000	1		59
190.02	4560.417	653	268.000	2.9		58
190.04	4560.917	652	285.000	1.5		58
190.06	4561.417	650	264.000	3		58
190.08	4561.917	650	264.000	1.5		58
190.10	4562.417	649	241.000	3		58
190.12	4562.917	649	274.000	1.5		58
190.14	4563.417	649	265.000	1.5		57
190.16	4563.917	649	291.000	1.5		57
190.18	4564.417	649	248.000	1.5		57
190.20	4564.917	648	209.000	3.3		57
190.23	4565.417	648	258.000	1.7		56
190.25	4565.917	648	277.000	1.7		56
190.27	4566.417	648	276.000	1.7		56
190.29	4566.917	647	306.000	3.5		56
190.31	4567.417	646	276.000	1.6		56
190.33	4567.917	646	284.000	1.6		56
190.35	4568.417	646	268.000	1.7		56
190.37	4568.917	646	249.000	4.3		56
190.39	4569.417	646	303.000	1.7		56
190.41	4569.917	646	245.000	4.3		55
190.43	4570.417	647	241.000	6.7		55
190.45	4570.917	649	228.000	3.5		55

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
190.48	4571.417	650	230.000	1.8		55
190.50	4571.917	652	141.000	1.8		55
190.52	4572.417	653	222.000	0		55
190.54	4572.917	656	201.000	1.8		55
190.55	4573.083 67	657	0.000	1.8		
190.56	4573.417	659	0.000	0		
190.58	4573.917	662	0.000	1.9		
190.62	4574.917	698	0.000			
190.63	4575.167	-	0.000	0	16	56
190.64	4575.417	-	0.000	2	20	55
190.66	4575.917	-	0.000		24	54
190.68	4576.417	-	0.000		28	54
190.70	4576.917	-	0.000		48	54
190.73	4577.417	-	0.000			56
190.75	4577.917	-	0.000			56
190.77	4578.417	-	0.000			
190.79	4578.917	-	0.000			
190.81	4579.417	-	0.000			
190.83	4579.917		0.000			
192.66	4623.917	-	0.000		16	57
193.75	4649.917	-	0.000		16	52
193.76	4650.167	-	0.000		16	54
193.77	4650.417	-	0.000		16	52
193.78	4650.667	-	0.000		16	53
193.79	4650.917	-	0.000		14	53
193.81	4651.417	633	1057.000		14	53
193.83	4651.917	510	978.000		14	53
193.85	4652.417	345	759.000			54
193.87	4652.917	250	681.000			53
193.89	4653.417	53	692.000			52
193.91	4653.917	30	438.000			
193.92	4654.167	10	0.000		14	49
196.75	4721.917	1,092	233.000		15	44
196.77	4722.417	952	464.000		16	43
196.79	4722.917	810	647.000		16	49
196.81	4723.417	703	1184.000		16	46
196.83	4723.917	395	1100		18	46
196.85	4724.417	247	694		18	46
196.87	4724.917	136	516		48	48
196.89	4725.417	85	423			48
196.91	4725.917	72	382			48

Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
196.93	4726.417	17	293			
196.95	4726.917	6	0			
196.98	4727.417	4	0			
206.92	4966.083 67	1309	0			
206.93	4966.417	1221	414			
206.95	4966.917	1062	1112			
206.98	4967.417	1046	393			
207.00	4967.917	950	790			
207.02	4968.417	825	654			
207.04	4968.917	720	1123			
207.06	4969.417	532	1197			
207.08	4969.917	437	988			
207.10	4970.417	337	892			
207.12	4970.917	189	827			
207.14	4971.417	63	687			
207.58	4982.033 67	812	0			
207.60	4982.417	599	752			
207.62	4982.917	435	548			
207.64	4983.417	318	470			
207.66	4983.917	197	347			
207.68	4984.417	111	338			
207.70	4984.917	52	259			
207.73	4985.417	24	271			
207.74	4985.667	5	0			
207.75	4985.917	2				
207.79	4986.917					
207.87	4988.917					
207.98	4991.417					
208.56	5005.417					
208.86	5012.750 33					
208.89	5013.417					
209.02	5016.417					
209.54	5028.917					
209.56	5029.417					
209.60	5030.300 33					
209.64	5031.417					
209.66	5031.917					
209.70	5032.917					
209.91	5037.917					

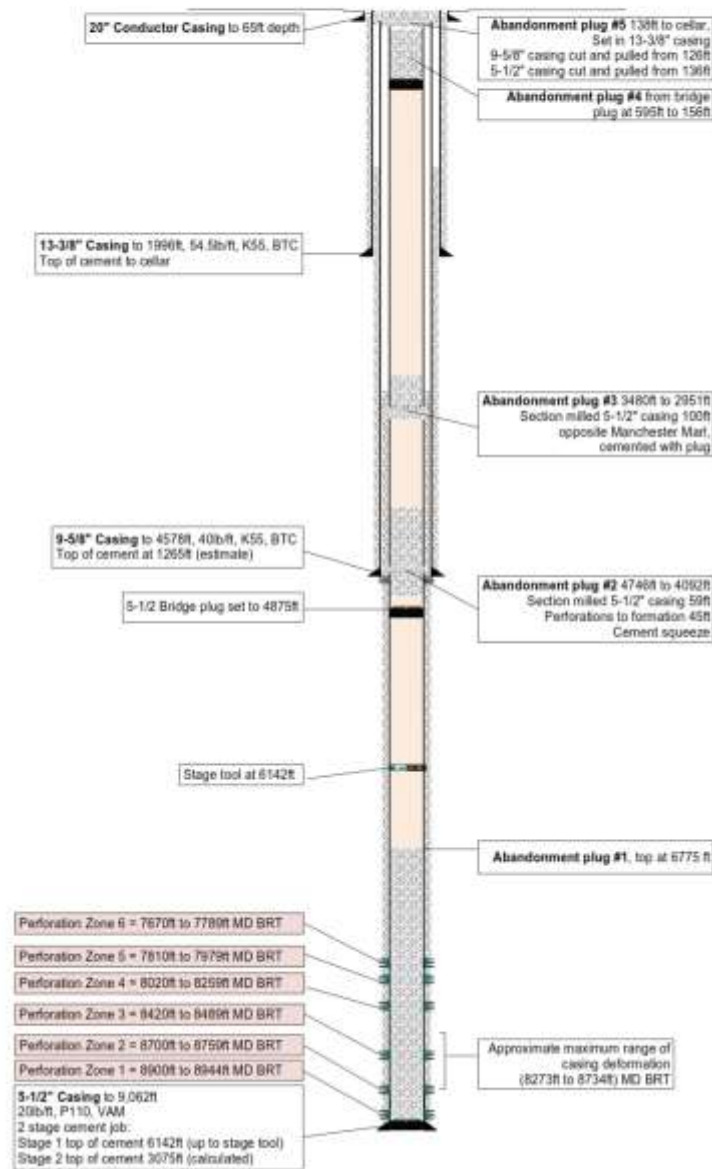
Time (days)	Delta Time [Hours]	Casing Press. [psig]	Gas Rate [Mscf/D]	Water Prod. Since Last Reading [BBL]	Choke Size /64"	Temp [Deg F]
209.98	5039.417					
210.00	5039.917					
210.02	5040.417					

DRAWING NOT TO SCALE

- ALL DEPTHS are MD BGL unless stated otherwise
- GL = 25.5ft MD BRT

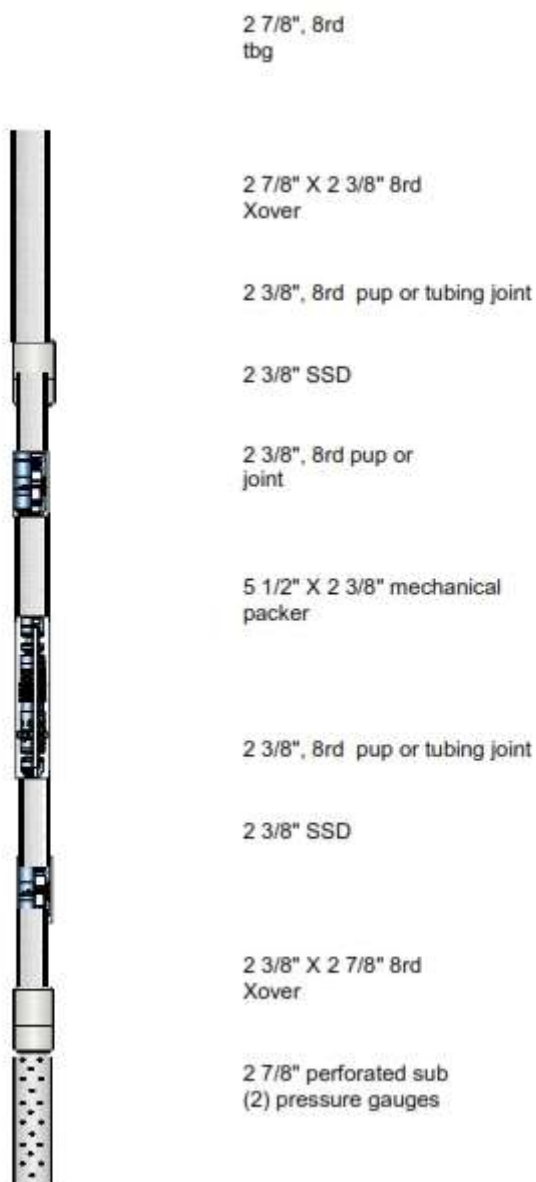
**PREESE HALL WELL
STATUS**

06th November 2014



6. APPENDIX

APPENDIX A – PERFORATION GUN



[illegible]

Well Name:		Preese Hall-1		Date:		28-Mar-11	
Customer:		Bowland Resources		Job Num:		1	
				Meyers File:			
Formation:		Lower Worston Shale		Stage		Stage 1 Frac	
Elap		Cum.		Stage		Slurry	
Time		Pressure		Fluid		Blender	
min		psi		bbl		bbl	
		Fluid		Rate		Conc.	
		bbl		bpm		psa	
Prop		Prop		Prop		Prop	
lbs		type		type		type	
Comments/Fluid		Comments/Fluid		Comments/Fluid		Comments/Fluid	

Well Name:	Preese Hall-1				Date:	31-Mar-11		
Customer:	Bowland Resources				Job Num:	1		
					Meyers File:			
Formation:	Mid Worston Shale				Stage	Stage 2 Frac		
Elap		Cum.	Stage	Slurry	Blender			
Time	Pressure	Fluid	Fluid	Rate	Conc.	Prop	Prop	Comments/Fluid
min	psi	bbl	bbl	bpm	psa	lbs	type	<use HST80 or CH52 for auto-total
Job started at 10:00								
21.3		-	745.0	0-54				Safety Mtg
36.2		745.0	75.0	59.0	0.21	659.9	HST80	Start FR water
37.5		820.0	214.0	59.0				FR Water
41.1		1,034.0	246.0	59.0	0.21	2,164.6	HST80	FR Water
45.3	6,760	1,280.0	320.0	59.0	0.42	5,631.4	HST80	FR Water
50.7	6,606	1,600.0	280.0	59.0	0.63	7,391.2	HST80	FR Water
55.5	6,560	1,880.0	260.0	59.0	0.84	9,151.0	HST80	FR Water
60.2	6,500	2,140.0	270.0	59.0	1.05	11,878.7	HST80	FR Water
65.1	6,470	2,410.0	610.0	59.0	1.26	32,204.3	HST80	FR Water
76.1	6,970	3,020.0	590.0	59.0				FR Water
86.1	7,260	3,610.0	260.0	59.0	0.25	2,730.0	CH52	FR Water
90.5	7,177	3,870.0	320.0	59.0				FR Water
96.0	7,100	4,190.0	240.0	59.0	0.25	2,520.0	CH52	FR Water
100.5	6,670	4,430.0	435.0	50.0				FR Water
109.5	6,300	4,865.0	245.0	48.0	0.30	3,087.0	CH52	FR Water
114.5	6,480	5,110.0	317.0	48.0				FR Water
121.5	6,750	5,427.0						Stop
289.0	2,000	5,427.0	513.0	0-65				Start FR water
301.5	7,477	5,940.0	345.0	65.0	0.48	6,991.4	CH52	FR Water
306.5	7,490	6,285.0	235.0	65.0	0.72	7,143.4	CH52	FR Water
310.2	7,450	6,520.0	560.0	60.0	-			FR Water
319.5	7,450	7,080.0	610.0	60.0	0.97	24,723.3	CH52	FR Water
330.0	7,391	7,690.0	500.0	60.0	-			FR Water
338.8	7,540	8,190.0	600.0	60.0	0.97	24,318.0	CH52	FR Water
349.0	7,430	8,790.0	500.0	60.0	-			FR Water
357.3	7,620	9,290.0	600.0	60.0	0.97	24,318.0	CH52	FR Water
367.5	7,500	9,890.0	500.0	60.0	-			FR Water
376.0	7,700	10,390.0	600.0	60.0	0.97	24,318.0	CH52	FR Water
386.5	7,780	10,990.0	1,000.0	60.0	-			FR Water
403.1	7,722	11,990.0	1,675.0	60.0	0.97	67,887.8	CH52	FR Water
432.0	7,600	13,665.0	455.0	60.0				FR Water
441.4	5,430	14,120.0						Stop
		-						
Summary								
Perfs:	8700-09, 8730-39, 8750-59				Perf/Frac Classification		New Zone	
Shots/ft	mixed	Total Shots	61.0	Size"	0.44	Pumped Down	Casing	
Pipe OD"	5 1/2	Pipe ID"	4.778	Pipe TD'	9,000.0	Tubing Volume	-	
Pipe lbs/ft	20.0	Pipe bbl/ft	0.0222	Plug @'	8,810.0	Annulus bbl/ft	0.0222	
Tbg OD"	0	Tbg ID"	2.499	Tbg TD'	-		Ann bbl	
Tbg lbs/ft	-	Tbg bbl/ft	0.0061	Packer @'	-	Lowest cup		
Frac Type	Slickwater			Packer @'	-	Top cup		
Fluid Volume bbl	14,120.0							Chemicals
Total N2 Volume scf	-			scf Pumped	-	scf Cooldown	273	usg FR-40
HCl conc	0%						-	usg diluted
HCl Volume usg	-						394.0	grams Chem Tracer
HST80 lbs	69,081						-	gal Add3
CH52 lbs	188,037						-	lbs Add4
Total Propanat	257,118						-	gal Add5
AIR bpm	61.0	Bkdn psi	-	5 min psi	4,332			
ASTP psi	7,674	ISIP psi	5,000	10 min psi	4,095			
Pre FG	-	Post FG	1.00	15 min psi	3,930			
Comments: 1970 psi initial pressure on well. Stopped after 100 mesh stage due to communication/filter issue with frac pumps. ISIP after 100 mesh section: 5427 psi Last 60 bbl pumped was fresh water Max rate was 66.5 bpm and max treating pressure was 8,015 psi FR-40 injected into work tanks at 0.5 gpt CFT1000 @ 0.75 ppm 30 min shut in-3,660 psi 60 min shut in-3,407 psi								

Well Name:		Preese Hall-1		Date:		26-May-11	
Customer:		Bowland Resources		Job Num:		1	
				Meyers File:		-	
Formation:		Lower Bowland Shale		Stage		Stage 4 Frac	
Elap		Cum.	Stage	Slurry	Blender		
Time	Pressure	Fluid	Fluid	Rate	Conc.	Prop	Prop
min	psi	bbl	bbl	bpm	psa	lbs	type
Job started at 12:39							Safety Mtg
23.0	45	-	42.0	22.0			Start FR water
26.5	3,420	42.0	0.0				Stop
47.1	45	42.0	574.0	77.0			FR Water
58.8	5,030	616.0	150.0	77.0	0.17	1,071	HST80 FR Water
60.6	5,000	766.0	234.0	77.0	-		FR Water
63.6	5,000	1,000.0	298.0	77.0	0.17	2,128	HST80 FR Water
67.5	5,050	1,298.0	294.0	77.0	0.34	4,198	HST80 FR Water
71.4	5,100	1,592.0	291.0	77.0	0.51	6,233	HST80 FR Water
75.4	5,100	1,883.0	192.0	77.0	0.68	5,484	HST80 FR Water
79.5	5,100	2,075.0	175.0	77.0	0.85	6,248	HST80 FR Water
80.2	5,100	2,250.0	516.0	77.0			FR Water
87.0	5,100	2,766.0	247.0	77.0	0.22	2,295	CH52 FR Water
90.0	5,100	3,013.0	265.0	77.0	0.44	4,925	CH52 FR Water
93.5	5,100	3,278.0	237.0	77.0	0.66	6,607	CH52 FR Water
97.0	5,150	3,515.0	255.0	77.0	0.89	9,478	CH52 FR Water
100.1	5,150	3,770.0	500.0	77.0	-		FR Water
106.5	5,250	4,270.0	495.0	77.0	0.89	18,399	CH52 FR Water
113.5	5,200	4,765.0	398.0	77.0	-		FR Water
118.5	5,300	5,163.0	503.0	77.0	0.89	18,697	CH52 FR Water
125.3	5,360	5,666.0	403.0	77.0	-		FR Water
130.4	5,450	6,069.0	496.0	77.0	0.89	18,436	CH52 FR Water
137.2	5,400	6,565.0	399.0	77.0	-		FR Water
142.3	5,480	6,964.0	503.0	77.0	1.00	21,126	CH52 FR Water
149.2	5,400	7,467.0	399.0	77.0	-		FR Water
154.3	5,500	7,866.0	484.0	77.0	1.00	20,328	CH52 FR Water
161.0	5,430	8,350.0	416.0	77.0	-		FR Water
166.2	5,540	8,766.0	847.0	77.0	1.00	35,574	CH52 FR Water
177.9	5,450	9,613.0	383.0	77.0			FR Water/Cut tracer
182.9	4,820	9,996.0	92.0	52.0			Fresh Water
185.4	4,100	10,088.0					Stop
		-					
		-					
		-					Start Flowback after 15 min
Summary							
Perfs:	8020-29, 8120-29, 8250-59			Perf/Frac Classification		New Zone	
Shots/ft		Total Shots		Size"	0.44	Pumped Down	Casing
Pipe OD"	5 1/2	Pipe ID"	4.778	Pipe TD'	9,000.0	Tubing Volume	-
Pipe lbs/ft	20.0	Pipe bbl/ft	0.0222	Plug @'	-	Annulus bbl/ft	0.0222
Tbg OD"	0	Tbg ID"	2.499	Tbg TD'	-	Ann bbl	
Tbg lbs/ft	-	Tbg bbl/ft	0.0061	Packer @'	-	Lowest cup	-
Frac Type	Slickwater		Packer @'	-	Top cup	-	
Fluid Volume bbl	10,088.0						Chemicals
Total N2 Volume scf	-		scf Pumped	-	scf Cooldown	173	usg FR-40
HCl conc	0%					-	usg diluted
HCl Volume usg	-					1,164.0	grams Chem Tracer
HST80 lbs	25,361					-	gal Add3
CH52 lbs	155,866					-	lbs Add4
Total Propanant	181,227					-	gal Add5
AIR bpm	77.0	Bkdn psi	-	5 min psi	3,771		
ASTP psi	5,240	ISIP psi	4,060	10 min psi	3,690		
Pre FG	0.78	Post FG	0.93	15 min psi	3,630		
Comments: Started pumping and pumped 42 bbl then stopped to repair slipstream flowmeter. Could not read output in van so blender operator simulated van output from output on flowmeter. Well went on vacuum after shutdown with ISIP of 2,862 psi for a FG of .76 psi/ft. It took 9.1 bbl to reload hole. Started flowback at +/-3 bpm after 15 min shut in..Flowed 663 bbl in 215 min. Pressure dropped from 3,630 to 2,670. Chem tracer used was 1,164 grams CFT-1200.							

7. REFERENCES