

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

**ORIGINAL**

Operator: License # 5208  
Name: Exxon Mobil Oil Corporation \*  
Address: P. O. Box 4358  
City/State/Zip: Houston, TX 77210-4358  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Beverly Roppolo  
Phone: (713) 431-1701  
Contractor: Name: Key Energy  
License: N. A.  
Wellsite Geologist: N. A.

Designate Type of Completion: REFRAC  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
Operator: Mobil Oil Corporation  
Well Name: WRD #4 UNIT, WELL #5

Original Comp. Date: 10-16-97 Original Total Depth: 2914  
~~XXX~~ **HYDRAULICALLY FRACTURED**  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back  Plug Back Total Depth  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)  Docket No. \_\_\_\_\_

<u>7-27-01</u>	<u>9-15-97</u>	<u>8-2-01</u>
<del>START</del> Date of <b>START</b>	Date Reached TD	Completion Date of <b>WORKOVER</b>

API No. 15 - 189-22224-0001  
County: Stevens  
NE SW SW Sec. 6 Twp. 33 S. R. 36  East  West  
1250 feet from (S) / N (circle one) Line of Section  
1250 feet from E / (W) (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW (SW)  
Lease Name: WRD #4 Well #: 5  
Field Name: Hugoton

Producing Formation: Chase  
Elevation: Ground: 3061 Kelly Bushing: 3068  
Total Depth: 2914 Plug Back Total Depth: 2870  
Amount of Surface Pipe Set and Cemented at 604 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set N. A. Feet  
If Alternate II completion, cement circulated from N. A.  
feet depth to N. A. w/ N. A. sx cmt.

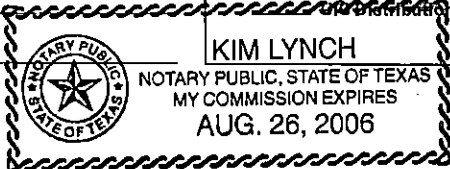
Drilling Fluid Management Plan **REWORK 9/7 6/17/03**  
(Data must be collected from the Reserve Pit)  
Chloride content N. A. ppm Fluid volume N. A. bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Beverly Roppolo  
Title: Contract Completions Admin Date: 5/22/03  
Subscribed and sworn to before me this 22 day of May, 2003  
Notary Public: Kim Lynch  
Date Commission Expires: Aug. 26, 2006

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received



✓

X

Operator Name: Exxon Mobil Oil Corporation \* Lease Name: WRD #4 Well #: 5  
 Sec. 6 Twp. 33 S. R. 36  East  West County: Stevens

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy)  
 List All E. Logs Run:

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum  
 L, KRIDER 2650' 2658'  
 WINFIELD 2720' 2728'  
 TOWANDA 3770' 2780'  
 U. FT. RILEY 2812' 2820'

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs./ Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	12.250	8.625	24#	604	CLASS C	350	50:50 c/poz
PRODUCTION	7.875	5.500	14#	2904	CLASS C	225,100	3%D79;2% B28

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2 SPF	2650' - 2820'	FRAC'D WELL WITH 80Q N2 FOAM @ 80BPM	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8" Jts 88	@ 2791'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.			Producing Method		
			<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
 (If vented, Sumit ACO-18.)  Other (Specify) \_\_\_\_\_

# ORIGINAL

<b>Schlumberger</b>	Customer: Exxon Mobil
	District: ULYSSES
	Representative: Richard Leius
	DS Supervisor: Dave Brawley
	Well: WRD 4-5
Job Date: 07-31-2001	

AcqTime hh:mm:ss	TR PRESS psi	CFLD RATE bbl/min	TOT CFLD bbl	N2 PUMP RATE bbl/min	TOT N2 Mscf	N2 RATE scf/min	INJ RATE bbl/min	BH FOAM QUALITY %
11:48:48	73	0.0	0.0	0.0	0.0	20	0.0	0.0
11:49:28	3250	0.0	0.0	0.0	0.0	50	0.0	0.0
11:49:48	3181	0.0	0.0	0.0	0.0	120	0.0	0.0
11:50:08	3163	0.0	0.0	0.0	0.0	50	0.0	0.0
11:50:28	3145	0.0	0.0	0.0	0.0	50	0.0	0.0
11:50:48	3136	0.0	0.0	0.0	0.0	2321	0.0	0.0
11:51:08	3127	0.0	0.0	0.0	0.0	1791	0.0	0.0
11:51:28	3117	0.0	0.0	0.0	0.0	20	0.0	0.0
11:51:48	3108	0.0	0.0	0.0	0.0	0	0.0	0.0
11:52:08	3099	0.0	0.0	0.0	0.0	0	9.0	0.0
11:52:28	3090	0.0	0.0	0.0	0.0	0	9.0	0.0
11:52:48	3076	0.0	0.0	0.0	0.0	0	9.0	0.0
11:53:08	2971	0.0	0.0	0.0	0.0	0	9.1	0.0
11:53:28	151	0.0	0.0	0.0	0.0	0	9.2	0.0
11:53:48	247	0.0	0.0	0.0	0.0	0	9.0	0.0
11:53:58	Started PAD							
11:53:58	293	0.0	0.0	0.0	0.0	0	9.1	0.0
11:54:08	14	0.0	0.0	0.0	0.0	0	17.5	0.0
11:54:28	60	4.3	0.6	2.1	0.1	670	19.3	0.0
11:54:48	87	1.6	1.9	17.1	1.9	7264	18.9	0.0
11:55:08	73	0.0	2.1	1.6	3.1	670	1.6	0.0
11:55:28	64	0.0	2.1	0.0	3.1	0	0.0	0.0
11:55:48	60	0.0	2.1	0.0	3.1	10	0.0	0.0
11:56:08	55	0.0	2.1	0.0	3.1	10	0.0	0.0
11:56:28	128	0.0	2.1	0.0	3.1	10	0.0	0.0
11:57:08	128	0.0	2.1	0.0	3.1	0	0.0	0.0
12:23:10	41	0.7	0.0	0.0	3.1	0	0.5	0.0
12:23:30	46	2.6	0.7	3.8	3.3	1041	6.4	0.0
12:23:50	179	7.2	2.5	24.8	5.9	10616	32.1	0.0
12:24:10	302	7.8	5.1	29.8	9.9	12667	37.6	0.0
12:24:30	412	7.8	7.7	31.6	14.3	13367	39.4	0.0
12:24:48	Stage at Perfs: PAD							
12:24:48	494	7.8	10.1	31.6	18.3	13427	39.5	0.0
12:24:50	522	7.8	10.3	31.7	18.7	13427	39.5	0.0
12:25:10	577	7.8	12.9	31.7	23.2	13447	39.6	90.2
12:25:30	650	7.8	15.5	31.7	27.7	13447	39.5	77.5
12:25:50	764	12.4	18.3	37.3	33.4	15648	49.3	79.8
12:26:10	1140	15.5	23.0	57.1	40.8	24213	72.4	80.1
12:26:30	1369	15.9	28.3	59.4	49.1	25363	75.3	80.2
12:26:50	1552	16.1	33.6	62.3	57.7	26454	78.3	80.1
12:27:10	1671	16.1	39.0	62.9	66.6	26724	79.0	78.9
12:27:30	1717	16.1	44.3	63.2	75.5	26804	79.2	79.3
12:27:50	1726	16.1	49.7	63.1	84.5	26764	79.2	79.6
12:28:10	1730	16.1	55.0	63.1	93.4	26794	79.2	79.7
12:28:30	1707	16.1	60.4	63.2	102.3	26794	79.3	79.7
12:28:50	1707	16.1	65.7	63.2	111.2	26794	79.3	79.7
12:29:10	1721	16.1	71.1	63.2	120.2	26814	79.3	79.7
12:29:30	1730	16.1	76.4	63.2	129.1	26814	79.3	79.7
12:29:50	1753	16.1	81.8	63.3	138.1	26794	79.3	79.7
12:30:10	1776	16.1	87.1	63.2	147.0	26814	79.3	79.7
12:30:30	1781	16.1	92.5	63.5	156.0	26934	79.6	79.7
12:30:50	1804	16.1	97.9	63.5	164.9	26924	79.6	79.8
12:31:10	1790	16.1	103.2	63.6	173.9	26954	79.6	79.8
12:31:30	1813	16.1	108.6	63.5	182.9	26964	79.6	79.8
12:31:50	1826	16.1	113.9	63.6	191.9	26954	79.6	79.8
12:32:10	1836	16.1	119.3	63.6	200.9	26974	79.7	79.8
12:32:30	1840	16.1	124.6	63.6	209.9	26974	79.6	79.8
12:32:50	1831	16.1	130.0	63.6	218.8	26974	79.6	79.8
12:33:10	1826	16.1	135.3	64.1	227.9	27144	80.2	79.8
12:33:30	1822	16.1	140.7	64.1	236.9	27164	80.2	79.8
12:33:50	1836	16.1	146.0	64.1	246.0	27194	80.1	79.9
12:34:10	1817	16.1	151.4	64.1	255.0	27184	80.2	79.9
12:34:30	1813	16.1	156.8	64.1	264.1	27174	80.2	80.0
12:34:50	1799	16.1	162.1	64.1	273.2	27184	80.2	80.0
12:35:10	1808	16.1	167.5	64.1	282.2	27194	80.2	80.0
12:35:30	1808	16.1	172.8	64.2	291.3	27204	80.2	80.0
12:35:50	1817	16.1	178.2	64.2	300.4	27214	80.2	80.0
12:36:10	1817	16.1	183.5	64.2	309.4	27224	80.3	80.0
12:36:30	1799	16.1	188.9	64.2	318.5	27234	80.3	80.0
12:36:50	1799	16.1	194.2	64.2	327.6	27234	80.3	80.0
12:37:10	1804	16.1	199.6	64.3	336.7	27224	80.3	80.0

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# ORIGINAL

Well: WRD 4-5

Job Date: 07-31-2001

AcqTime hh:mm:ss	TR PRESS psi	CFLD RATE bbl/min	TOT CFLD bbl	N2 PUMP RATE bbl/min	TOT N2 Mscf	N2 RATE scf/min	INJ RATE bbl/min	BH FOAM QUALITY %
12:38:10	1772	16.1	215.7	64.1	363.9	27154	80.1	80.0
12:38:30	1762	16.1	221.0	64.0	372.9	27164	80.1	80.0
12:38:50	1767	16.1	226.4	64.0	382.0	27174	80.1	80.0
12:39:10	1762	16.1	231.7	64.0	391.0	27174	80.1	79.9
12:39:30	1772	16.1	237.1	64.1	400.1	27164	80.2	79.9
12:39:50	1776	16.1	242.4	64.1	409.1	27174	80.2	79.9
12:40:10	1794	16.1	247.8	64.1	418.2	27174	80.1	79.9
12:40:30	1781	16.1	253.2	64.1	427.2	27164	80.2	79.9
12:40:50	1776	16.1	258.5	64.1	436.3	27184	80.2	80.0
12:41:10	1790	16.1	263.9	64.1	445.4	27174	80.2	80.0
12:41:30	1781	16.1	269.2	64.1	454.4	27204	80.2	80.0
12:41:50	1785	16.1	274.6	64.2	463.5	27214	80.2	80.0
12:42:10	1772	16.1	279.9	64.2	472.6	27204	80.3	80.0
12:42:30	1776	16.1	285.3	64.2	481.6	27224	80.3	80.0
12:42:50	1776	16.1	290.6	63.9	490.7	27074	80.0	80.0
12:43:10	1758	16.1	296.0	63.9	499.7	27084	80.0	80.0
12:43:30	1772	16.1	301.4	63.9	508.8	27094	80.0	79.9
12:43:50	1749	16.1	306.7	63.9	517.8	27104	80.0	79.9
12:44:10	1753	16.1	312.1	63.9	526.8	27104	80.0	79.9
12:44:30	1762	16.1	317.4	63.9	535.9	27084	80.0	79.9
12:44:50	1753	16.1	322.8	63.9	544.9	27104	80.0	79.9
12:45:10	1735	16.1	328.1	63.9	553.9	27104	79.9	79.9
12:45:30	1749	16.1	333.5	64.0	563.0	27094	80.0	79.9
12:45:50	1744	16.1	338.9	63.9	572.0	27074	80.0	79.9
12:46:10	1753	16.1	344.2	63.9	581.0	27084	80.0	79.9
12:46:30	1758	16.1	349.6	63.9	590.1	27084	80.0	79.9
12:46:50	1753	16.1	354.9	63.9	599.1	27104	80.0	79.9
12:47:10	1762	16.1	360.3	63.9	608.1	27084	80.0	79.9
12:47:30	1772	16.1	365.6	63.9	617.2	27094	79.9	79.9
12:47:50	1772	16.1	371.0	63.9	626.2	27094	80.0	79.9
12:48:10	1772	16.1	376.4	63.9	635.2	27094	80.0	79.9
12:48:30	1762	16.1	381.7	63.9	644.3	27104	79.9	79.9
12:48:50	1758	16.1	387.1	63.9	653.3	27114	80.0	79.9
12:49:10	1758	16.1	392.4	63.9	662.3	27104	79.9	79.9
12:49:30	1772	16.1	397.8	63.9	671.3	27084	80.0	79.9
12:49:50	1772	16.1	403.1	63.9	680.4	27104	80.0	79.9
12:50:10	1735	16.1	408.5	63.9	689.4	27094	80.0	79.9
12:50:30	1753	16.1	413.8	63.9	698.4	27094	79.9	79.9
12:50:50	1744	16.1	419.2	63.9	707.5	27094	80.0	79.9
12:51:10	1749	16.1	424.6	63.9	716.5	27094	79.9	79.9
12:51:30	1753	16.1	429.9	63.9	725.5	27074	80.0	79.9
12:51:50	1740	16.1	435.3	63.9	734.6	27104	80.0	79.9
12:52:10	1749	16.1	440.6	63.9	743.6	27094	80.0	79.9
12:52:30	1735	16.1	446.0	64.0	752.6	27124	80.1	79.9
12:52:50	1753	16.1	451.3	63.9	761.7	27144	80.0	79.9
12:53:10	1753	16.1	456.7	64.0	770.7	27144	80.1	79.9
12:53:30	1749	16.1	462.0	63.9	779.8	27114	80.0	79.9
12:53:50	1740	16.1	467.4	63.9	788.8	27084	80.0	79.9
12:54:10	1726	16.1	472.8	64.0	797.8	27124	80.1	79.9
12:54:30	1758	16.1	478.1	64.0	806.9	27144	80.1	79.9
12:54:50	1749	16.1	483.5	64.0	815.9	27124	80.1	79.9
12:55:10	1753	16.1	488.8	64.0	825.0	27124	80.1	79.9
12:55:30	1735	16.1	494.2	64.0	834.0	27134	80.1	79.9
12:55:50	1740	16.1	499.5	64.0	843.1	27134	80.0	79.9
12:56:10	1744	16.0	504.9	64.0	852.1	27124	80.1	79.9
12:56:30	1730	16.1	510.3	64.0	861.2	27134	80.1	79.9
12:56:50	1730	16.1	515.6	64.0	870.2	27144	80.0	79.9
12:57:10	1712	16.1	521.0	64.0	879.3	27124	80.1	79.9
12:57:30	1721	16.1	526.3	64.0	888.3	27124	80.1	79.9
12:57:50	1735	16.1	531.7	64.0	897.4	27164	80.1	79.9
12:58:10	1730	16.1	537.0	64.0	906.4	27164	80.1	79.9
12:58:30	1735	16.1	542.4	64.0	915.5	27164	80.1	79.9
12:58:50	1685	16.1	547.7	64.1	924.5	27164	80.2	79.9
12:58:59	<b>Started Flush Automatically</b>							
12:58:59	1662	10.1	550.1	64.1	928.6	27154	79.7	79.9
12:59:10	1538	0.0	550.2	64.1	933.6	27164	64.1	79.9
12:59:30	1492	0.0	550.2	64.1	942.6	27204	64.1	79.9
12:59:50	1479	0.0	550.2	64.1	951.7	27204	64.1	80.0
13:00:01	<b>Stage at Perts. Flush</b>							
13:00:01	1479	0.0	550.2	64.2	956.7	27194	64.2	96.7
13:00:10	1318	0.0	550.2	20.0	959.0	8224	20.0	0.0
13:00:27	<b>isip</b>							
13:00:27	1263	0.0	550.2	4.3	960.5	1391	4.3	0.0
13:00:30	1259	0.0	550.2	1.2	960.6	560	1.2	0.0
13:00:50	1245	0.0	550.2	2.0	960.8	840	2.0	0.0

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**Schlumberger**

Job Date: 07-31-2001

Customer: Exxon Mobil  
 District: ULYSSES  
 Representative: Richard Lewis  
 DS Supervisor: Dave Brawley  
 Well: WRD 4-5

AcqTime hh:mm:ss	TR PRESS psi	CFLD RATE bbl/min	TOT CFLD bbl	N2 PUMP RATE bbl/min	TOT N2 Mscf	N2 RATE scf/min	INJ RATE bbl/min	BH FOAM QUALITY %
11:48:48	73	0.0	0.0	0.0	0.0	20	0.0	0.0
11:49:28	3250	0.0	0.0	0.0	0.0	50	0.0	0.0
11:49:48	3181	0.0	0.0	0.0	0.0	120	0.0	0.0
11:50:08	3163	0.0	0.0	0.0	0.0	50	0.0	0.0
11:50:28	3145	0.0	0.0	0.0	0.0	50	0.0	0.0
11:50:48	3136	0.0	0.0	0.0	0.0	2321	0.0	0.0
11:51:08	3127	0.0	0.0	0.0	0.0	1791	0.0	0.0
11:51:28	3117	0.0	0.0	0.0	0.0	20	0.0	0.0
11:51:48	3108	0.0	0.0	0.0	0.0	0	0.0	0.0
11:52:08	3099	0.0	0.0	0.0	0.0	0	9.0	0.0
11:52:28	3090	0.0	0.0	0.0	0.0	0	9.0	0.0
11:52:48	3076	0.0	0.0	0.0	0.0	0	9.0	0.0
11:53:08	2971	0.0	0.0	0.0	0.0	0	9.1	0.0
11:53:28	151	0.0	0.0	0.0	0.0	0	9.2	0.0
11:53:48	247	0.0	0.0	0.0	0.0	0	9.0	0.0
11:53:58	Started PAD							
11:53:58	293	0.0	0.0	0.0	0.0	0	9.1	0.0
11:54:08	14	0.0	0.0	0.0	0.0	0	17.5	0.0
11:54:28	60	4.3	0.6	2.1	0.1	670	19.3	0.0
11:54:48	87	1.6	1.9	17.1	1.9	7264	18.9	0.0
11:55:08	73	0.0	2.1	1.6	3.1	670	1.6	0.0
11:55:28	64	0.0	2.1	0.0	3.1	0	0.0	0.0
11:55:48	60	0.0	2.1	0.0	3.1	10	0.0	0.0
11:56:08	55	0.0	2.1	0.0	3.1	10	0.0	0.0
11:56:28	128	0.0	2.1	0.0	3.1	10	0.0	0.0
11:57:08	128	0.0	2.1	0.0	3.1	0	0.0	0.0
12:23:10	41	0.7	0.0	0.0	3.1	0	0.5	0.0
12:23:30	46	2.6	0.7	3.8	3.3	1041	6.4	0.0
12:23:50	179	7.2	2.5	24.8	5.9	10616	32.1	0.0
12:24:10	302	7.8	5.1	29.8	9.9	12667	37.6	0.0
12:24:30	412	7.8	7.7	31.6	14.3	13367	39.4	0.0
12:24:48	Stage at Perfs: PAD							
12:24:48	494	7.8	10.1	31.6	18.3	13427	39.5	0.0
12:24:50	522	7.8	10.3	31.7	18.7	13427	39.5	0.0
12:25:10	577	7.8	12.9	31.7	23.2	13447	39.6	90.2
12:25:30	650	7.8	15.5	31.7	27.7	13447	39.5	77.5
12:25:50	764	12.4	18.3	37.3	33.4	15648	49.3	79.8
12:26:10	1140	15.5	23.0	57.1	40.8	24213	72.4	80.1
12:26:30	1369	15.9	28.3	59.4	49.1	25363	75.3	80.2
12:26:50	1552	16.1	33.6	62.3	57.7	26454	78.3	80.1
12:27:10	1671	16.1	39.0	62.9	66.6	26724	79.0	78.9
12:27:30	1717	16.1	44.3	63.2	75.5	26804	79.2	79.3
12:27:50	1726	16.1	49.7	63.1	84.5	26764	79.2	79.6
12:28:10	1730	16.1	55.0	63.1	93.4	26794	79.2	79.7
12:28:30	1707	16.1	60.4	63.2	102.3	26794	79.3	79.7
12:28:50	1707	16.1	65.7	63.2	111.2	26794	79.3	79.7
12:29:10	1721	16.1	71.1	63.2	120.2	26814	79.3	79.7
12:29:30	1730	16.1	76.4	63.2	129.1	26814	79.3	79.7
12:29:50	1753	16.1	81.8	63.3	138.1	26794	79.3	79.7
12:30:10	1776	16.1	87.1	63.2	147.0	26814	79.3	79.7
12:30:30	1781	16.1	92.5	63.5	156.0	26934	79.6	79.7
12:30:50	1804	16.1	97.9	63.5	164.9	26924	79.6	79.8
12:31:10	1790	16.1	103.2	63.6	173.9	26954	79.6	79.8
12:31:30	1813	16.1	108.6	63.5	182.9	26964	79.6	79.8
12:31:50	1826	16.1	113.9	63.6	191.9	26954	79.6	79.8
12:32:10	1836	16.1	119.3	63.6	200.9	26974	79.7	79.8
12:32:30	1840	16.1	124.6	63.6	209.9	26974	79.6	79.8
12:32:50	1831	16.1	130.0	63.6	218.8	26974	79.6	79.8
12:33:10	1826	16.1	135.3	64.1	227.9	27144	80.2	79.8
12:33:30	1822	16.1	140.7	64.1	236.9	27164	80.2	79.8
12:33:50	1836	16.1	146.0	64.1	246.0	27194	80.1	79.9
12:34:10	1817	16.1	151.4	64.1	255.0	27184	80.2	79.9
12:34:30	1813	16.1	156.8	64.1	264.1	27174	80.2	80.0
12:34:50	1799	16.1	162.1	64.1	273.2	27184	80.2	80.0
12:35:10	1808	16.1	167.5	64.1	282.2	27194	80.2	80.0
12:35:30	1808	16.1	172.8	64.2	291.3	27204	80.2	80.0
12:35:50	1817	16.1	178.2	64.2	300.4	27214	80.2	80.0
12:36:10	1817	16.1	183.5	64.2	309.4	27224	80.3	80.0
12:36:30	1799	16.1	188.9	64.2	318.5	27234	80.3	80.0
12:36:50	1799	16.1	194.2	64.2	327.6	27234	80.3	80.0
12:37:10	1804	16.1	199.6	64.3	336.7	27224	80.3	80.0

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AcqTime hh:mm:ss	TR PRESS psi	CFLD RATE bbl/min	TOT CFLD bbl	N2 PUMP RATE bbl/min	TOT N2 Mscf	N2 RATE scf/min	INJ RATE bbl/min	BH FOAM QUALITY %
12:38:10	1772	16.1	215.7	64.1	363.9	27154	80.1	80.0
12:38:30	1762	16.1	221.0	64.0	372.9	27164	80.1	80.0
12:38:50	1767	16.1	226.4	64.0	382.0	27174	80.1	80.0
12:39:10	1762	16.1	231.7	64.0	391.0	27174	80.1	79.9
12:39:30	1772	16.1	237.1	64.1	400.1	27164	80.2	79.9
12:39:50	1776	16.1	242.4	64.1	409.1	27174	80.2	79.9
12:40:10	1794	16.1	247.8	64.1	418.2	27174	80.1	79.9
12:40:30	1781	16.1	253.2	64.1	427.2	27164	80.2	79.9
12:40:50	1776	16.1	258.5	64.1	436.3	27184	80.2	80.0
12:41:10	1790	16.1	263.9	64.1	445.4	27174	80.2	80.0
12:41:30	1781	16.1	269.2	64.1	454.4	27204	80.2	80.0
12:41:50	1785	16.1	274.6	64.2	463.5	27214	80.2	80.0
12:42:10	1772	16.1	279.9	64.2	472.6	27204	80.3	80.0
12:42:30	1776	16.1	285.3	64.2	481.6	27224	80.3	80.0
12:42:50	1776	16.1	290.6	63.9	490.7	27074	80.0	80.0
12:43:10	1758	16.1	296.0	63.9	499.7	27084	80.0	80.0
12:43:30	1772	16.1	301.4	63.9	508.8	27094	80.0	79.9
12:43:50	1749	16.1	306.7	63.9	517.8	27104	80.0	79.9
12:44:10	1753	16.1	312.1	63.9	526.8	27104	80.0	79.9
12:44:30	1762	16.1	317.4	63.9	535.9	27084	80.0	79.9
12:44:50	1753	16.1	322.8	63.9	544.9	27104	80.0	79.9
12:45:10	1735	16.1	328.1	63.9	553.9	27104	79.9	79.9
12:45:30	1749	16.1	333.5	64.0	563.0	27094	80.0	79.9
12:45:50	1744	16.1	338.9	63.9	572.0	27074	80.0	79.9
12:46:10	1753	16.1	344.2	63.9	581.0	27084	80.0	79.9
12:46:30	1758	16.1	349.6	63.9	590.1	27084	80.0	79.9
12:46:50	1753	16.1	354.9	63.9	599.1	27104	80.0	79.9
12:47:10	1762	16.1	360.3	63.9	608.1	27084	80.0	79.9
12:47:30	1772	16.1	365.6	63.9	617.2	27094	79.9	79.9
12:47:50	1772	16.1	371.0	63.9	626.2	27094	80.0	79.9
12:48:10	1772	16.1	376.4	63.9	635.2	27094	80.0	79.9
12:48:30	1762	16.1	381.7	63.9	644.3	27104	79.9	79.9
12:48:50	1758	16.1	387.1	63.9	653.3	27114	80.0	79.9
12:49:10	1758	16.1	392.4	63.9	662.3	27104	79.9	79.9
12:49:30	1772	16.1	397.8	63.9	671.3	27084	80.0	79.9
12:49:50	1772	16.1	403.1	63.9	680.4	27104	80.0	79.9
12:50:10	1735	16.1	408.5	63.9	689.4	27094	80.0	79.9
12:50:30	1753	16.1	413.8	63.9	698.4	27094	79.9	79.9
12:50:50	1744	16.1	419.2	63.9	707.5	27094	80.0	79.9
12:51:10	1749	16.1	424.6	63.9	716.5	27094	79.9	79.9
12:51:30	1753	16.1	429.9	63.9	725.5	27074	80.0	79.9
12:51:50	1740	16.1	435.3	63.9	734.6	27104	80.0	79.9
12:52:10	1749	16.1	440.6	63.9	743.6	27094	80.0	79.9
12:52:30	1735	16.1	446.0	64.0	752.6	27124	80.1	79.9
12:52:50	1753	16.1	451.3	63.9	761.7	27144	80.0	79.9
12:53:10	1753	16.1	456.7	64.0	770.7	27144	80.1	79.9
12:53:30	1749	16.1	462.0	63.9	779.8	27114	80.0	79.9
12:53:50	1740	16.1	467.4	63.9	788.8	27084	80.0	79.9
12:54:10	1726	16.1	472.8	64.0	797.8	27124	80.1	79.9
12:54:30	1758	16.1	478.1	64.0	806.9	27144	80.1	79.9
12:54:50	1749	16.1	483.5	64.0	815.9	27124	80.1	79.9
12:55:10	1753	16.1	488.8	64.0	825.0	27124	80.1	79.9
12:55:30	1735	16.1	494.2	64.0	834.0	27134	80.1	79.9
12:55:50	1740	16.1	499.5	64.0	843.1	27134	80.0	79.9
12:56:10	1744	16.0	504.9	64.0	852.1	27124	80.1	79.9
12:56:30	1730	16.1	510.3	64.0	861.2	27134	80.1	79.9
12:56:50	1730	16.1	515.6	64.0	870.2	27144	80.0	79.9
12:57:10	1712	16.1	521.0	64.0	879.3	27124	80.1	79.9
12:57:30	1721	16.1	526.3	64.0	888.3	27124	80.1	79.9
12:57:50	1735	16.1	531.7	64.0	897.4	27164	80.1	79.9
12:58:10	1730	16.1	537.0	64.0	906.4	27164	80.1	79.9
12:58:30	1735	16.1	542.4	64.0	915.5	27164	80.1	79.9
12:58:50	1685	16.1	547.7	64.1	924.5	27164	80.2	79.9
12:58:59	<b>Started Flush-Automatically</b>							
12:58:59	1662	10.1	550.1	64.1	928.6	27154	79.7	79.9
12:59:10	1538	0.0	550.2	64.1	933.6	27164	64.1	79.9
12:59:30	1492	0.0	550.2	64.1	942.6	27204	64.1	79.9
12:59:50	1479	0.0	550.2	64.1	951.7	27204	64.1	80.0
13:00:01	<b>Stage of Perts. Flush</b>							
13:00:01	1479	0.0	550.2	64.2	956.7	27194	64.2	96.7
13:00:10	1318	0.0	550.2	20.0	959.0	8224	20.0	0.0
13:00:27	<b>isip</b>							
13:00:27	1263	0.0	550.2	4.3	960.5	1391	4.3	0.0
13:00:30	1259	0.0	550.2	1.2	960.6	560	1.2	0.0
13:00:50	1245	0.0	550.2	2.0	960.8	840	2.0	0.0

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