



1155890

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input 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

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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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 <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

October 10, 2013

Elizabeth Habermehl
Source Energy MidCon LLC
1805 SHEA CENTER DR., STE 100
HIGHLANDS RANCH, CO 80129

Re: ACO1
API 15-191-22694-01-00
Moore 31-31-6-32H
NE/4 Sec.31-33S-01E
Sumner County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Elizabeth Habermehl



Company: Source Energy
 Well: Moore 31-31-6-32H
 Location: Sumner County
 Rig: HWD 7

Job Number: 5671710
 Magnetic Decl.: 4.10
 Grid Corr.: 0.70
 Total Grid Corr.: 3.40

Calculation Method Minimum Curvature
 Proposed Azimuth 180
 Depth Reference Rotary Table
 Tie Into: Pilot Hole

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Direction	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
								N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
Tie In Coordinates														
Tie In	0	0.00	153.10	S 26.9 E	0	0	0	0 N	0 W					
MWD	15	0.00	153.10	S 26.9 E	15	15.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00	0.00	0.00
MWD	149	0.02	153.10	S 26.9 E	134	149.00	0.02	0.02 S	0.01 E	0.02	153.10	0.01	0.01	0.00
MWD	325	0.02	153.10	S 26.9 E	176	325.00	0.08	0.08 S	0.04 E	0.08	153.10	0.00	0.00	0.00
MWD	337	0.22	153.10	S 26.9 E	12	337.00	0.10	0.10 S	0.05 E	0.11	153.10	1.67	1.67	0.00
MWD	424	0.22	146.39	S 33.6 E	87	424.00	0.39	0.39 S	0.22 E	0.44	150.58	0.03	0.00	-7.71
MWD	511	0.28	254.56	S 74.6 W	87	511.00	0.58	0.58 S	0.11 E	0.59	169.74	0.47	0.07	124.33
MWD	597	0.23	149.45	S 30.6 E	86	597.00	0.79	0.79 S	0.01 W	0.79	180.69	0.47	-0.06	-122.22
MWD	684	0.16	173.51	S 6.5 E	87	684.00	1.06	1.06 S	0.09 E	1.06	174.97	0.12	-0.08	27.66
MWD	771	0.13	157.12	S 22.9 E	87	771.00	1.27	1.27 S	0.15 E	1.28	173.48	0.06	-0.03	-18.84
MWD	857	0.20	157.09	S 22.9 E	86	857.00	1.50	1.50 S	0.24 E	1.52	170.84	0.08	0.08	-0.03
MWD	942	0.14	213.33	S 33.3 W	85	942.00	1.72	1.72 S	0.24 E	1.74	171.99	0.20	-0.07	66.16
MWD	1033	0.09	275.37	N 84.6 W	91	1033.00	1.81	1.81 S	0.11 E	1.81	176.52	0.14	-0.05	68.18
MWD	1123	0.11	171.83	S 8.2 E	90	1123.00	1.89	1.89 S	0.05 E	1.89	178.43	0.18	0.02	-115.04
MWD	1215	0.15	231.79	S 51.8 W	92	1215.00	2.05	2.05 S	0.03 W	2.05	180.85	0.15	0.04	65.17
MWD	1305	0.32	239.09	S 59.1 W	90	1305.00	2.25	2.25 S	0.34 W	2.27	188.56	0.19	0.19	8.11
MWD	1395	0.44	170.22	S 9.8 E	90	1394.99	2.72	2.72 S	0.50 W	2.76	190.32	0.49	0.13	-76.52
MWD	1487	0.13	181.73	S 1.7 W	92	1486.99	3.17	3.17 S	0.44 W	3.20	187.87	0.34	-0.34	12.51
MWD	1578	0.24	88.57	N 88.6 E	91	1577.99	3.27	3.27 S	0.25 W	3.28	184.39	0.31	0.12	-102.37
MWD	1669	0.19	39.72	N 39.7 E	91	1668.99	3.15	3.15 S	0.04 E	3.15	179.35	0.20	-0.05	-53.68
MWD	1760	0.09	27.23	N 27.2 E	91	1759.99	2.97	2.97 S	0.16 E	2.97	176.82	0.11	-0.11	-13.73
MWD	1849	0.17	74.43	N 74.4 E	89	1848.99	2.87	2.87 S	0.32 E	2.89	173.56	0.14	0.09	53.03
MWD	1936	0.09	29.27	N 29.3 E	87	1935.99	2.78	2.78 S	0.48 E	2.82	170.16	0.14	-0.09	-51.91
MWD	2022	0.35	96.90	S 83.1 E	86	2021.99	2.75	2.75 S	0.78 E	2.86	164.25	0.38	0.30	78.64
MWD	2109	0.26	277.27	N 82.7 W	87	2108.99	2.76	2.76 S	0.84 E	2.88	162.99	0.70	-0.10	207.32
MWD	2196	0.21	20.17	N 20.2 E	87	2195.99	2.58	2.58 S	0.70 E	2.68	164.78	0.42	-0.06	118.28
MWD	2282	0.17	55.59	N 55.6 E	86	2281.99	2.36	2.36 S	0.86 E	2.52	159.95	0.14	-0.05	41.19
MWD	2369	0.20	177.72	S 2.3 E	87	2368.99	2.44	2.44 S	0.97 E	2.63	158.23	0.37	0.03	140.38
MWD	2456	0.13	5.22	N 5.2 E	87	2455.99	2.50	2.50 S	0.99 E	2.68	158.36	0.38	-0.08	-198.28
MWD	2542	0.26	163.57	S 16.4 E	86	2541.99	2.59	2.59 S	1.05 E	2.79	157.82	0.45	0.15	184.13
MWD	2629	0.22	92.20	S 87.8 E	87	2628.99	2.78	2.78 S	1.28 E	3.06	155.34	0.32	-0.05	-82.03
MWD	2712	0.29	144.01	S 36.0 E	83	2711.99	2.96	2.96 S	1.56 E	3.34	152.19	0.28	0.08	62.42
MWD	2797	0.31	33.07	N 33.1 E	85	2796.99	2.94	2.94 S	1.81 E	3.45	148.35	0.58	0.02	-130.52
MWD	2883	0.70	69.40	N 69.4 E	86	2882.98	2.56	2.56 S	2.43 E	3.53	136.47	0.57	0.45	42.24
MWD	2970	1.18	1.55	N 1.6 E	87	2969.97	1.48	1.48 S	2.95 E	3.30	116.57	1.29	0.55	-77.99



Company: Source Energy
 Well: Moore 31-31-6-32H
 Location: Sumner County
 Rig: HWD 7

Job Number: 5671710
 Magnetic Decl.: 4.10
 Grid Corr.: 0.70
 Total Grid Corr.: 3.40

Calculation Method Minimum Curvature
 Proposed Azimuth 180
 Depth Reference Rotary Table
 Tie Into: Pilot Hole

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Direction	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
								N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
MWD	3057	0.28	306.81	N 53.2 W	87	3056.97	0.45	0.45 S	2.81 E	2.84	99.17	1.20	-1.03	-62.92
MWD	3144	0.11	122.26	S 57.7 E	87	3143.97	0.37	0.37 S	2.71 E	2.73	97.79	0.45	-0.20	-212.13
MWD	3230	0.37	99.50	S 80.5 E	86	3229.96	0.46	0.46 S	3.05 E	3.08	98.58	0.32	0.30	-26.47
MWD	3317	0.11	33.99	N 34.0 E	87	3316.96	0.44	0.44 S	3.37 E	3.40	97.39	0.39	-0.30	-75.30
MWD	3403	0.21	118.77	S 61.2 E	86	3402.96	0.44	0.44 S	3.56 E	3.59	97.12	0.27	0.12	98.58
MWD	3447	0.54	158.76	S 21.2 E	44	3446.96	0.68	0.68 S	3.70 E	3.76	100.35	0.91	0.75	90.89
MWD	3490	3.71	179.05	S 0.9 E	43	3489.93	2.26	2.26 S	3.80 E	4.42	120.71	7.46	7.37	47.19
MWD	3534	8.51	179.39	S 0.6 E	44	3533.67	6.94	6.94 S	3.86 E	7.94	150.92	10.91	10.91	0.77
MWD	3577	12.95	176.34	S 3.7 E	43	3575.90	14.93	14.93 S	4.20 E	15.51	164.29	10.41	10.33	-7.09
MWD	3620	16.63	176.58	S 3.4 E	43	3617.47	25.89	25.89 S	4.87 E	26.34	169.33	8.56	8.56	0.56
MWD	3664	19.31	176.85	S 3.2 E	44	3659.32	39.44	39.44 S	5.65 E	39.84	171.85	6.09	6.09	0.61
MWD	3707	21.65	177.42	S 2.6 E	43	3699.60	54.46	54.46 S	6.40 E	54.84	173.30	5.46	5.44	1.33
MWD	3750	24.48	179.43	S 0.6 E	43	3739.16	71.30	71.30 S	6.84 E	71.63	174.52	6.83	6.58	4.67
MWD	3793	28.42	181.17	S 1.2 W	43	3777.65	90.45	90.45 S	6.72 E	90.70	175.75	9.34	9.16	4.05
MWD	3837	33.17	181.33	S 1.3 W	44	3815.44	112.96	112.96 S	6.23 E	113.13	176.84	10.80	10.80	0.36
MWD	3880	37.42	180.34	S 0.3 W	43	3850.53	137.80	137.80 S	5.88 E	137.92	177.56	9.97	9.88	-2.30
MWD	3923	42.66	179.53	S 0.5 E	43	3883.43	165.45	165.45 S	5.92 E	165.56	177.95	12.25	12.19	-1.88
MWD	3966	47.59	178.14	S 1.9 E	43	3913.77	195.90	195.90 S	6.56 E	196.01	178.08	11.69	11.47	-3.23
MWD	4010	51.14	178.20	S 1.8 E	44	3942.42	229.27	229.27 S	7.62 E	229.40	178.10	8.07	8.07	0.14
MWD	4053	54.92	178.64	S 1.4 E	43	3968.27	263.61	263.61 S	8.57 E	263.75	178.14	8.83	8.79	1.02
MWD	4096	59.31	179.36	S 0.6 E	43	3991.61	299.70	299.70 S	9.19 E	299.84	178.24	10.31	10.21	1.67
MWD	4140	63.38	180.06	S 0.1 W	44	4012.71	338.30	338.30 S	9.38 E	338.43	178.41	9.35	9.25	1.59
MWD	4183	67.71	180.82	S 0.8 W	43	4030.50	377.44	377.44 S	9.08 E	377.55	178.62	10.20	10.07	1.77
MWD	4226	69.60	181.53	S 1.5 W	43	4046.16	417.48	417.48 S	8.25 E	417.56	178.87	4.66	4.40	1.65
MWD	4269	69.40	181.56	S 1.6 W	43	4061.21	457.74	457.74 S	7.17 E	457.79	179.10	0.47	-0.47	0.07
MWD	4313	70.96	180.74	S 0.7 W	44	4076.13	499.12	499.12 S	6.34 E	499.16	179.27	3.96	3.55	-1.86
MWD	4356	74.86	180.71	S 0.7 W	43	4088.77	540.21	540.21 S	5.82 E	540.24	179.38	9.07	9.07	-0.07
MWD	4399	79.10	181.20	S 1.2 W	43	4098.45	582.09	582.09 S	5.12 E	582.11	179.50	9.92	9.86	1.14
MWD	4443	82.44	180.69	S 0.7 W	44	4105.51	625.51	625.51 S	4.40 E	625.52	179.60	7.68	7.59	-1.16
MWD	4487	86.15	180.28	S 0.3 W	44	4109.88	669.28	669.28 S	4.03 E	669.29	179.65	8.48	8.43	-0.93
MWD	4506	87.60	180.02	S 0.0 W	19	4110.92	688.25	688.25 S	3.98 E	688.26	179.67	7.75	7.63	-1.37
MWD	4565	90.31	177.56	S 2.4 E	59	4111.99	747.22	747.22 S	5.23 E	747.24	179.60	6.20	4.59	-4.17
MWD	4652	90.34	175.44	S 4.6 E	87	4111.50	834.05	834.05 S	10.54 E	834.12	179.28	2.44	0.03	-2.44
MWD	4738	89.54	175.17	S 4.8 E	86	4111.59	919.76	919.76 S	17.58 E	919.93	178.91	0.98	-0.93	-0.31
MWD	4825	89.51	175.91	S 4.1 E	87	4112.31	1006.49	1006.49 S	24.35 E	1006.79	178.61	0.85	-0.03	0.85
MWD	4911	89.38	177.02	S 3.0 E	86	4113.14	1092.33	1092.33 S	29.65 E	1092.73	178.45	1.30	-0.15	1.29



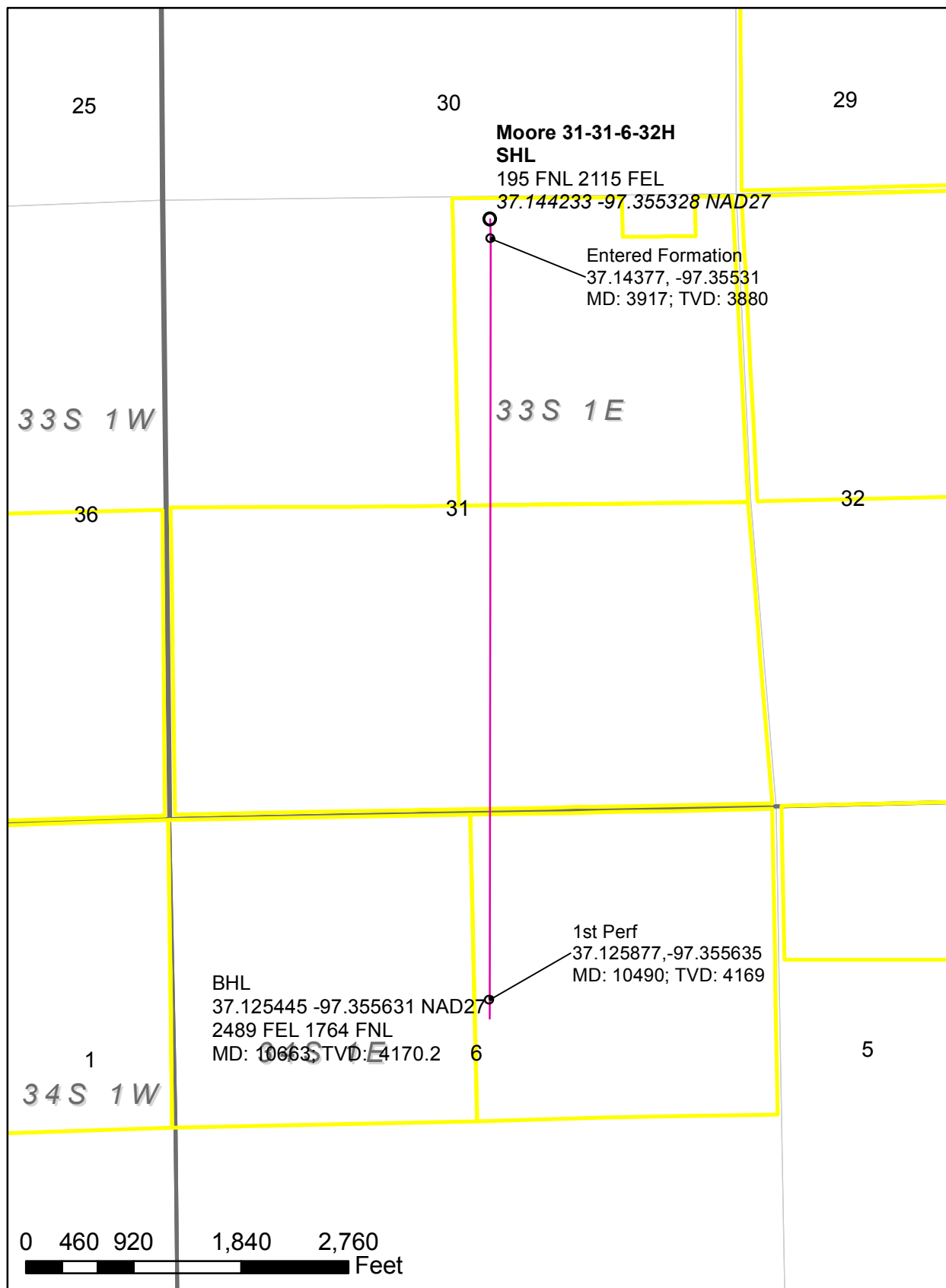
Company: Source Energy
 Well: Moore 31-31-6-32H
 Location: Sumner County
 Rig: HWD 7

Job Number: 5671710
 Magnetic Decl.: 4.10
 Grid Corr.: 0.70
 Total Grid Corr.: 3.40

Calculation Method Minimum Curvature
 Proposed Azimuth 180
 Depth Reference Rotary Table
 Tie Into: Pilot Hole

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Direction	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
								N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
MWD	4998	88.74	177.76	S 2.2 E	87	4114.57	1179.22	1179.22 S	33.61 E	1179.70	178.37	1.12	-0.74	0.85
MWD	5085	88.55	180.83	S 0.8 W	87	4116.63	1266.18	1266.18 S	34.68 E	1266.66	178.43	3.53	-0.22	3.53
MWD	5171	88.77	181.29	S 1.3 W	86	4118.64	1352.14	1352.14 S	33.09 E	1352.55	178.60	0.59	0.26	0.53
MWD	5257	89.51	181.49	S 1.5 W	86	4119.93	1438.11	1438.11 S	31.00 E	1438.44	178.77	0.89	0.86	0.23
MWD	5344	90.12	181.07	S 1.1 W	87	4120.21	1525.08	1525.08 S	29.06 E	1525.36	178.91	0.85	0.70	-0.48
MWD	5430	90.12	180.80	S 0.8 W	86	4120.03	1611.07	1611.07 S	27.66 E	1611.31	179.02	0.31	0.00	-0.31
MWD	5517	89.57	180.59	S 0.6 W	87	4120.27	1698.07	1698.07 S	26.60 E	1698.27	179.10	0.68	-0.63	-0.24
MWD	5603	89.57	181.96	S 2.0 W	86	4120.91	1784.04	1784.04 S	24.69 E	1784.21	179.21	1.59	0.00	1.59
MWD	5690	89.54	181.57	S 1.6 W	87	4121.59	1871.00	1871.00 S	22.01 E	1871.13	179.33	0.45	-0.03	-0.45
MWD	5777	89.45	182.01	S 2.0 W	87	4122.36	1957.95	1957.95 S	19.29 E	1958.04	179.44	0.52	-0.10	0.51
MWD	5863	89.48	181.62	S 1.6 W	86	4123.16	2043.90	2043.90 S	16.57 E	2043.97	179.54	0.45	0.03	-0.45
MWD	5950	89.51	181.43	S 1.4 W	87	4123.93	2130.87	2130.87 S	14.25 E	2130.92	179.62	0.22	0.03	-0.22
MWD	6037	89.48	180.33	S 0.3 W	87	4124.69	2217.85	2217.85 S	12.91 E	2217.89	179.67	1.26	-0.03	-1.26
MWD	6123	89.32	180.09	S 0.1 W	86	4125.59	2303.85	2303.85 S	12.60 E	2303.88	179.69	0.34	-0.19	-0.28
MWD	6210	89.88	180.70	S 0.7 W	87	4126.20	2390.84	2390.84 S	12.00 E	2390.87	179.71	0.95	0.64	0.70
MWD	6296	89.63	180.93	S 0.9 W	86	4126.57	2476.83	2476.83 S	10.78 E	2476.86	179.75	0.40	-0.29	0.27
MWD	6383	89.45	181.90	S 1.9 W	87	4127.27	2563.80	2563.80 S	8.63 E	2563.82	179.81	1.13	-0.21	1.11
MWD	6469	89.91	181.60	S 1.6 W	86	4127.75	2649.76	2649.76 S	6.00 E	2649.77	179.87	0.64	0.53	-0.35
MWD	6554	89.45	180.33	S 0.3 W	85	4128.22	2734.75	2734.75 S	4.57 E	2734.75	179.90	1.59	-0.54	-1.49
MWD	6641	89.66	179.07	S 0.9 E	87	4128.90	2821.74	2821.74 S	5.03 E	2821.74	179.90	1.47	0.24	-1.45
MWD	6726	89.45	178.69	S 1.3 E	85	4129.56	2906.72	2906.72 S	6.69 E	2906.73	179.87	0.51	-0.25	-0.45
MWD	6798	89.42	178.31	S 1.7 E	72	4130.27	2978.69	2978.69 S	8.57 E	2978.71	179.84	0.53	-0.04	-0.53
MWD	6888	89.48	178.59	S 1.4 E	90	4131.13	3068.66	3068.66 S	11.01 E	3068.68	179.79	0.32	0.07	0.31
MWD	6979	89.63	179.77	S 0.2 E	91	4131.84	3159.64	3159.64 S	12.31 E	3159.67	179.78	1.31	0.16	1.30
MWD	7070	89.75	180.76	S 0.8 W	91	4132.33	3250.64	3250.64 S	11.89 E	3250.66	179.79	1.10	0.13	1.09
MWD	7160	90.03	180.84	S 0.8 W	90	4132.50	3340.63	3340.63 S	10.63 E	3340.65	179.82	0.32	0.31	0.09
MWD	7252	89.75	180.59	S 0.6 W	92	4132.68	3432.62	3432.62 S	9.48 E	3432.64	179.84	0.41	-0.30	-0.27
MWD	7343	89.41	181.39	S 1.4 W	91	4133.35	3523.61	3523.61 S	7.91 E	3523.61	179.87	0.96	-0.37	0.88
MWD	7433	89.72	181.17	S 1.2 W	90	4134.03	3613.58	3613.58 S	5.90 E	3613.58	179.91	0.42	0.34	-0.24
MWD	7523	89.69	181.21	S 1.2 W	90	4134.49	3703.56	3703.56 S	4.03 E	3703.56	179.94	0.06	-0.03	0.04
MWD	7613	89.72	180.52	S 0.5 W	90	4134.96	3793.55	3793.55 S	2.67 E	3793.55	179.96	0.77	0.03	-0.77
MWD	7704	89.32	179.94	S 0.1 E	91	4135.72	3884.54	3884.54 S	2.31 E	3884.54	179.97	0.77	-0.44	-0.64
MWD	7795	89.32	180.52	S 0.5 W	91	4136.80	3975.54	3975.54 S	1.94 E	3975.54	179.97	0.64	0.00	0.64
MWD	7875	87.81	179.88	S 0.1 E	80	4138.80	4055.51	4055.51 S	1.66 E	4055.51	179.98	2.05	-1.89	-0.80
MWD	7964	88.77	180.36	S 0.4 W	89	4141.46	4144.47	4144.47 S	1.48 E	4144.47	179.98	1.21	1.08	0.54
MWD	8055	89.54	180.24	S 0.2 W	91	4142.80	4235.45	4235.45 S	1.00 E	4235.45	179.99	0.86	0.85	-0.13

Source Energy MidCon, LLC Horiz Completion (NAD27) Moore 31-31-6-32H



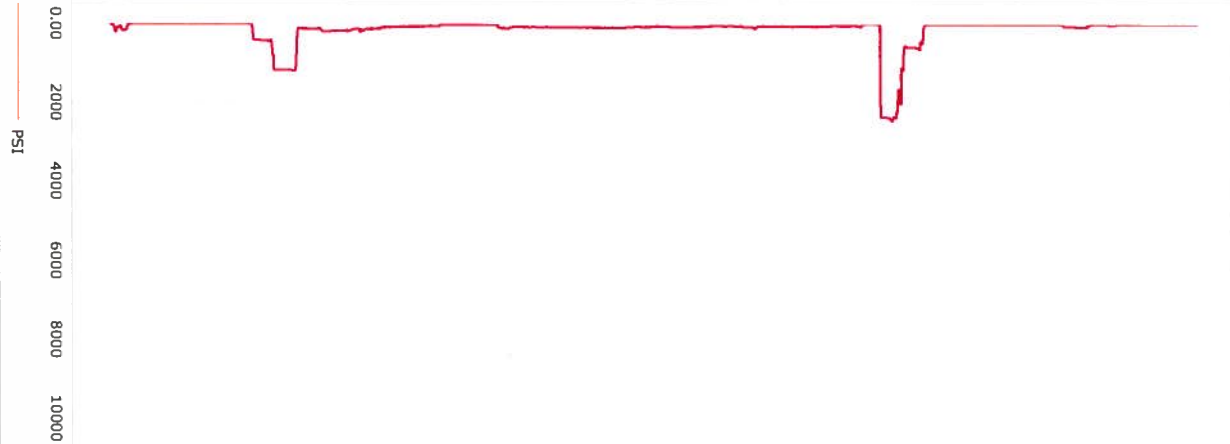


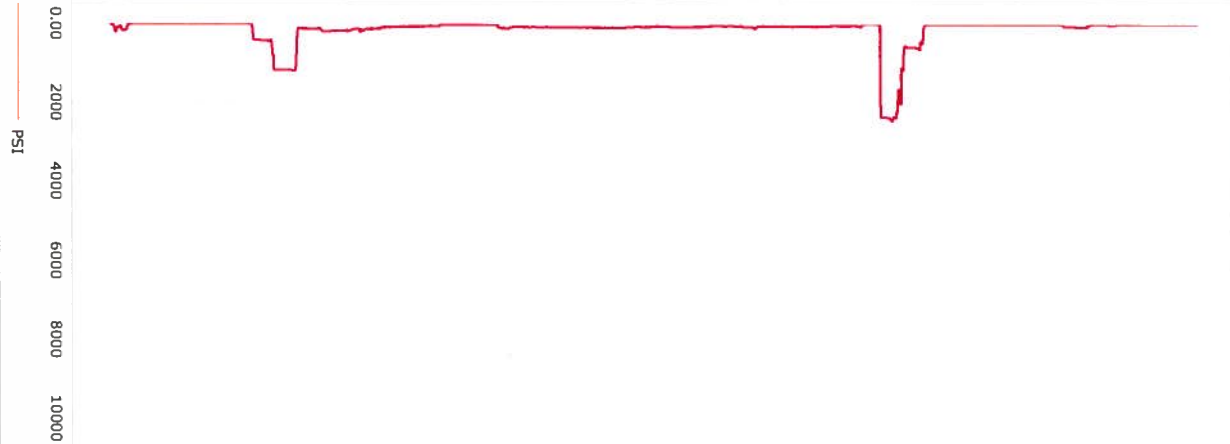


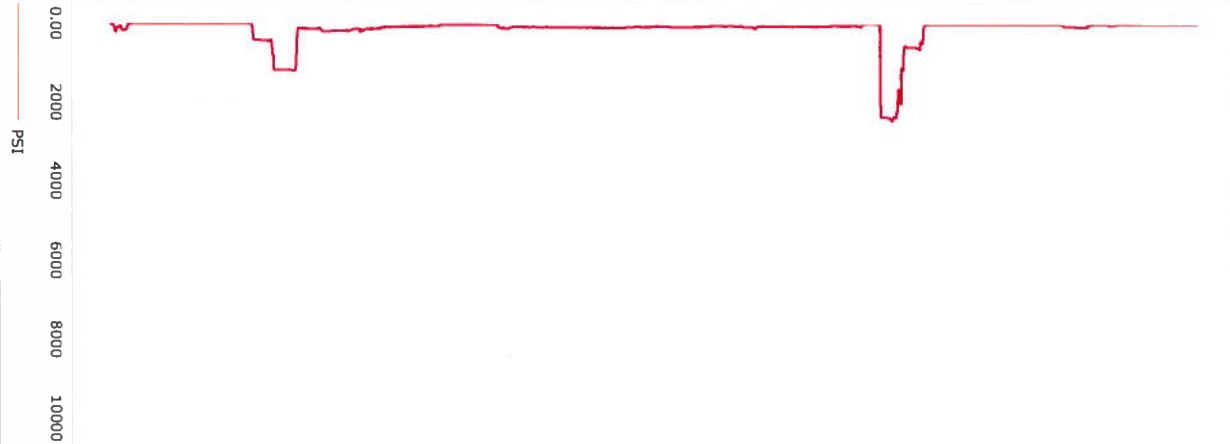


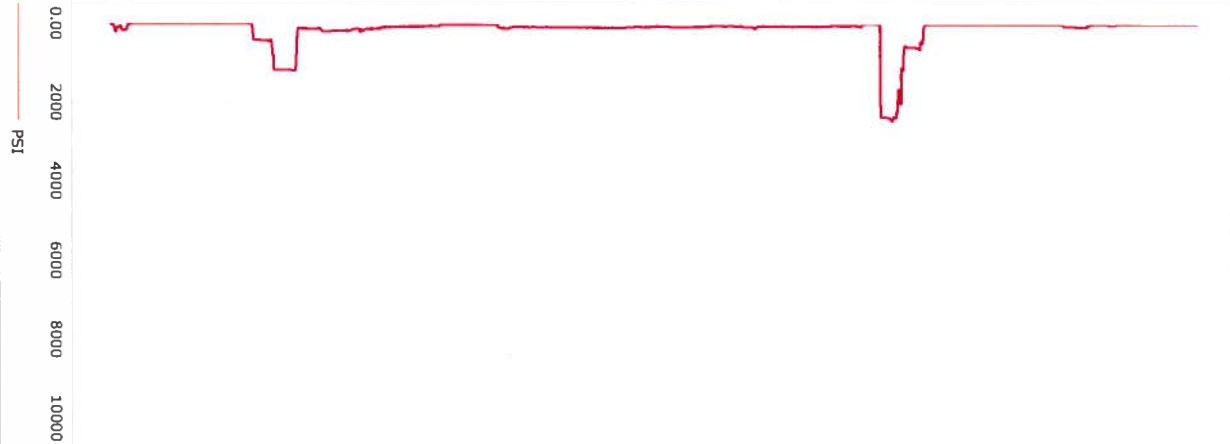


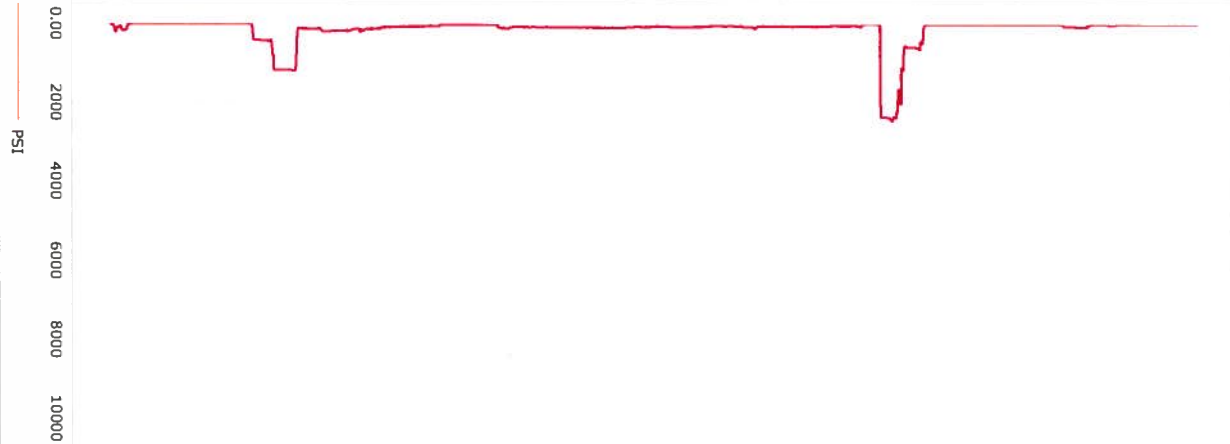


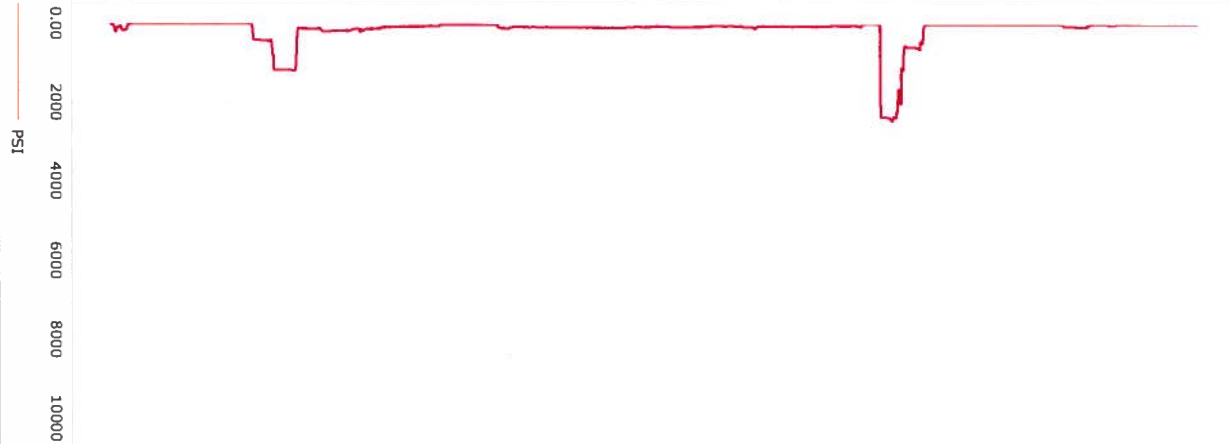


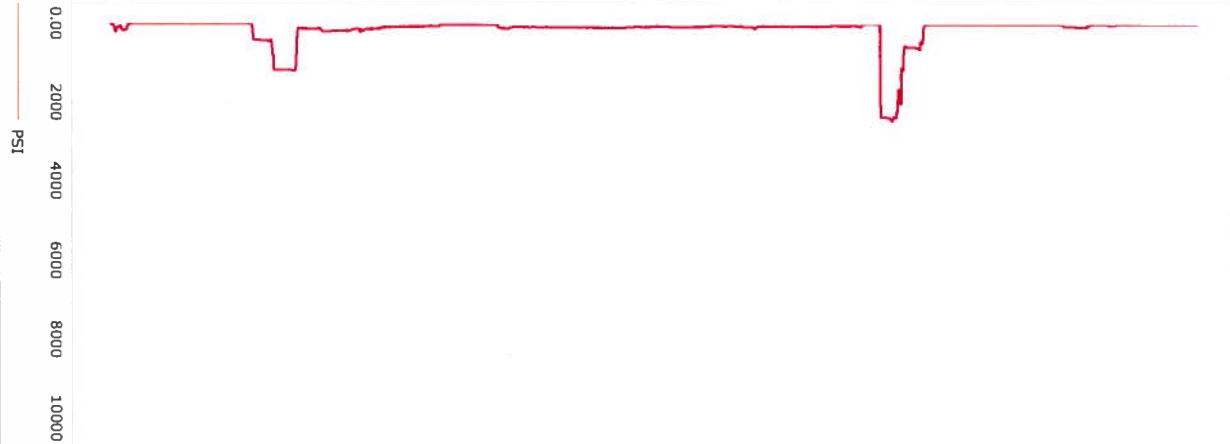


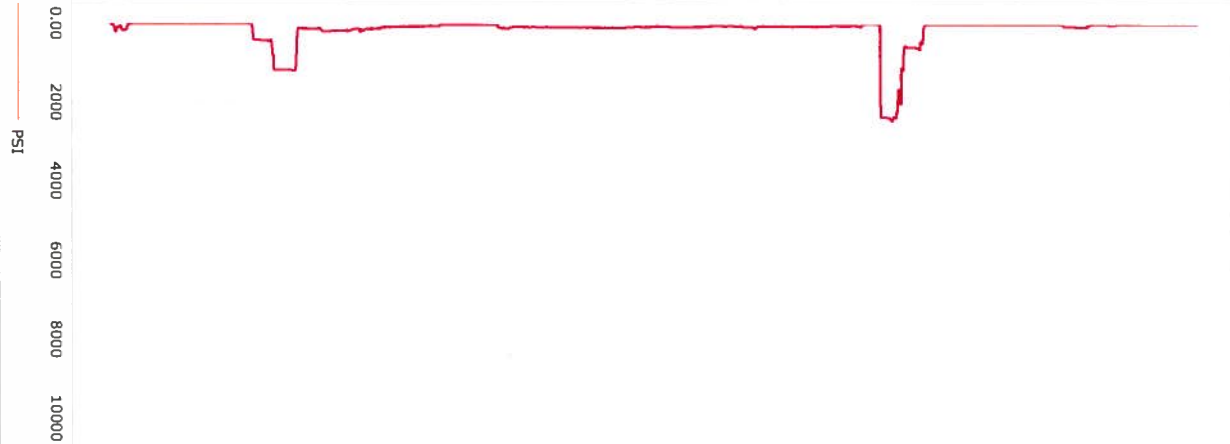


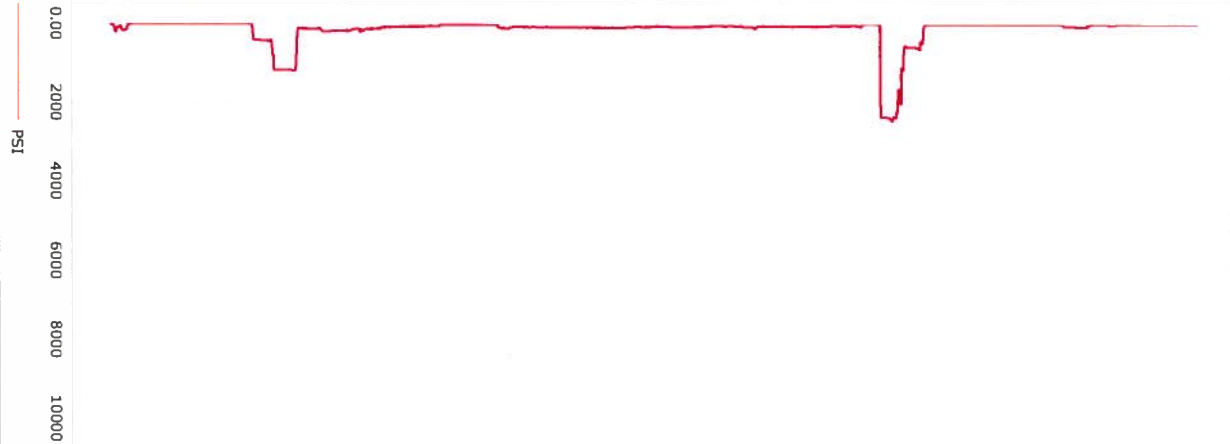


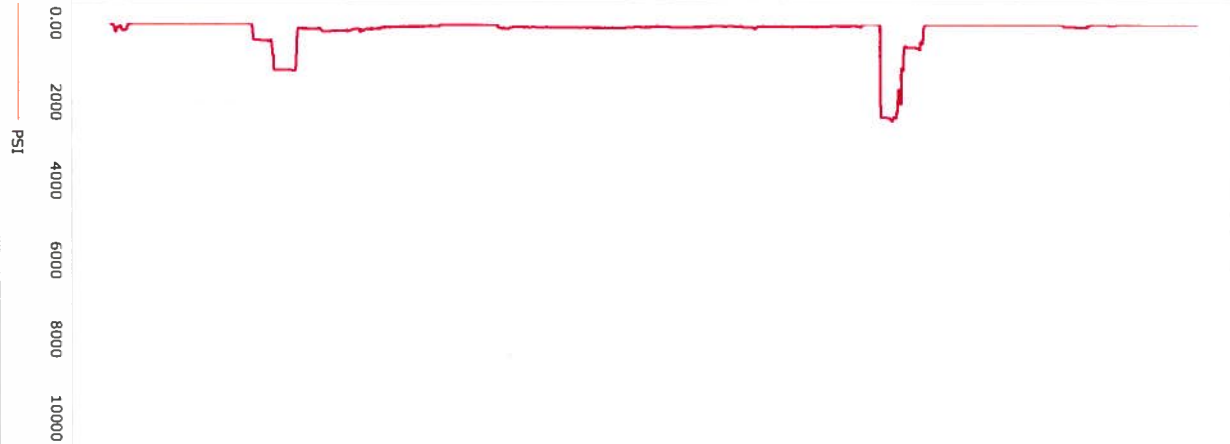


				Customer		Job Number	
				SOURCE ENERGY MIDCON LLC		1016083	
Well		Location (legal)		Schlumberger Location		Job Start	
MOORE 31-31-6 32H				EL RENO		Jul/31/2013	
Field		Formation Name/Type		Deviation	Bit Size	Well MD	Well TVD
				deg	12.3 in	325.0 ft	325.0 ft
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient
SUMMER		Kansas		psi	84 degF	80 degF	lb/gal
Well Master		API/UWI					
Rig Name		Drilled For	Service Via	Casing/Liner			
		Oil & Gas	Land	Depth, ft	Size, in	Weight, lb/ft	Grade
Offshore Zone		Well Class	Well Type	317.0	9.6	36.0	J55
		New	Development	0.0	0.0	0.0	BRD
Drilling Fluid Type		Max. Density	Plastic Viscosity	Tubing/Drill Pipe			
		lb/gal	cP	T/D	Depth, ft	Size, in	Weight, lb/ft
Service Line		Job Type					
Cementing		SURFACE					
Max. Allowed Tub. Press		Max. Allowed Ann. Press	WH Connection	Perforations/Open Hole			
psi		psi	Single Cement head	Top, ft	Bottom, ft	shot/ft	No. of Shots
				ft	ft		Total Interval
Service Instructions				ft	ft		Diameter
47 SACKS, 12.40 #/gal, 35% POZZOLAN				ft	ft		in
65% CLASS C CEMENT				Treat Down	Displacement	Packer Type	Packer Depth
84 SACKS, 14.80 #/gal, CLASS C CEMENT				Casing	21.0 bbl		ft
				Tubing Vol.	Casing Vol.	Annular Vol.	Openhole Vol.
				bbl	bbl	bbl	bbl
Casing/Tubing Secured		<input checked="" type="checkbox"/>	1 Hole Vol. Circulated prior to Cement	<input checked="" type="checkbox"/>	Casing Tools		Squeeze Job
Lift Pressure		170 psi		Shoe Type	Guide	Squeeze Type	
Pipe Rotated		<input type="checkbox"/>	Pipe Reciprocated	<input type="checkbox"/>	Shoe Depth	274.2 ft	Tool Type
No. Centralizers		Top Plugs	1	Bottom Plugs	1	Stage Tool Type	Tool Depth
							ft
Cement Head Type				Stage Tool Depth	ft	Tail Pipe Size	in
Job Scheduled For		Arrived on Location	Leave Location	Collar Type		Tail Pipe Depth	ft
Jul/31/2013		Jul/31/2013	Jul/31/2013	Collar Depth	ft	Sqz. Total Vol.	bbl
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
07/31/2013	20:47:28	8	0.0	8.31	0.0	Started Acquisition	
07/31/2013	20:47:33	8	0.0	8.31	0.0	Start Job	
07/31/2013	20:47:35	8	0.0	8.31	0.0	Drop Bottom Plug	
07/31/2013	20:50:28	8	0.0	8.31	0.0		
07/31/2013	20:53:28	69	4.2	8.31	5.0		
07/31/2013	20:56:28	11	0.0	8.31	5.2		
07/31/2013	20:59:28	13	0.0	8.31	5.2		
07/31/2013	20:59:34	16	0.0	8.31	5.2	Pressure Test Lines	
07/31/2013	21:02:18	16	0.0	8.31	5.3	Pressure Test Lines	
07/31/2013	21:02:20	16	0.0	8.31	5.3	Start Mixing SPACER	
07/31/2013	21:02:28	17	0.0	8.31	5.3		
07/31/2013	21:05:28	56	3.8	8.28	14.7		
07/31/2013	21:06:55	57	3.9	8.27	20.1	START LEAD	
07/31/2013	21:06:56	57	3.9	8.27	20.1	Reset Total, Vol = 20.14 bbl	
07/31/2013	21:08:28	49	2.7	12.27	25.0		
07/31/2013	21:11:28	72	3.7	12.36	35.0		
07/31/2013	21:11:52	55	3.2	12.01	36.3	Reset Total, Vol = 16.14 bbl	
07/31/2013	21:11:53	58	3.2	12.01	36.3	START TAIL	
07/31/2013	21:14:28	96	3.7	14.64	45.4		
07/31/2013	21:17:28	90	3.6	14.62	56.3		
07/31/2013	21:19:10	20	0.0	14.75	62.0	Start Displacement	

Well		Field		Job Start		Customer		Job Number	
MOORE 31-31-6 32H				Jul/31/2013		SOURCE ENERGY MIDCON LLC		1016083	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
07/31/2013	21:22:33	73	3.7	8.88	65.3	Reset Total, Vol = 29.03 bbl			
07/31/2013	21:23:28	86	3.5	8.55	68.7				
07/31/2013	21:26:28	182	3.7	8.34	79.4				
07/31/2013	21:27:58	119	1.6	8.31	83.2	Bump Plug			
07/31/2013	21:29:28	424	0.0	8.31	83.3				
07/31/2013	21:32:28	12	0.0	8.31	83.3				

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2	
4.0			4.0	35.0		20.0		
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density	
2500	0		1100			bbl	lb/gal	
Avg. N2 Percent %	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume	15.0 bbl	
	35.0 bbl	21.0 bbl	degF	Washed Thru Perfs	<input type="checkbox"/>	To	ft	
Customer or Authorized Representative	Schlumberger Supervisor			Circulation Lost	<input type="checkbox"/>	Job Completed	<input checked="" type="checkbox"/>	
DALE BAUGH	NATHAN SMITH			-		-		

Well	MOORE 31-31-6 32H	Client	SOURCE ENERGY MIDCON LLC
Field		SIR No.	1016083
Engineer	NATHAN SMITH	Job Type	SURFACE
Country	United States	Job Date	07-31-2013

Time	Pressure	Rate	Density	Messages
20:47:28				Start Job Drop Bottom Plug
20:52:00				Pressure Test Lines Start Mixing SPACER
20:57:00				Pressure Test Lines
21:02:00				START LEAD Reset Total, Vol = 20.14 bbl
21:07:00				Reset Total, Vol = 16.14 bbl START TAIL
21:12:00				Reset Total, Vol = 29.03 bbl
21:17:00				Start Displacement
21:22:00				Bump Plug
21:27:00				
21:36:24				

				Customer SOURCE			Job Number		
Well MOORE		Location (legal)			Schlumberger Location ROK			Job Start Aug/07/2013	
Field		Formation Name/Type		Deviation deg	Bit Size in	Well MD ft		Well TVD ft	
County SUMNER		State/Province KANSAS		BHP psi	BHST degF	BHCT degF	Pore Press. Gradient lb/gal		
Well Master		API/UWI							
Rig Name HWD 7	Drilled For Oil & Gas	Service Via Land		Casing/Liner					
				Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class New	Well Type Exploration							
Drilling Fluid Type		Max. Density lb/gal	Plastic Viscosity cP		Tubing/Drill Pipe				
				T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line Cementing	Job Type 7 INTERMEDIATE								
Max. Allowed Tub. Press psi	Max. Allowed Ann. Press psi	WH Connection		Perforations/Open Hole					
				Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval ft	
				ft	ft			Diameter in	
				ft	ft				
Service Instructions Provide equipment, materials, services and personnel to safely cement 7" surface casing per client specifications. <i>93 SACKS 13.0 #/gal LEAD CEMENT, 35% Pozzolan 108 SACKS 14.80 #/gal TAIL CEMENT, CLASS C CEMENT</i>				Treat Down	Displacement bbl	Packer Type	Packer Depth ft		
				Tubing Vol. bbl	Casing Vol. bbl	Annular Vol. bbl	Openhole Vol. bbl		
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>		Casing Tools			Squeeze Job		
Lift Pressure psi				Shoe Type			Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth ft			Tool Type		
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Type			Tool Depth ft		
Cement Head Type				Stage Tool Depth ft			Tail Pipe Size in		
Job Scheduled For Aug/07/2013		Arrived on Location Aug/07/2013	Leave Location Aug/07/2013		Collar Type			Tail Pipe Depth ft	
				Collar Depth ft			Sqz. Total Vol. bbl		
Date	Time 24-hr clock	Message							
08/06/2013	21:17:16								
08/06/2013	21:20:06								
08/06/2013	21:22:56								
08/06/2013	21:25:46								
08/06/2013	21:28:36								
08/06/2013	21:31:26								
08/06/2013	21:34:16								
08/06/2013	21:37:06								
08/06/2013	21:39:56								
08/06/2013	21:42:46								
08/06/2013	21:45:36								
08/06/2013	21:48:26								
08/06/2013	21:51:16								
08/06/2013	21:54:06								
08/06/2013	21:56:56								
08/06/2013	21:59:46								
08/06/2013	22:02:36								
08/06/2013	22:05:26								
08/06/2013	22:08:16								
08/06/2013	22:11:06								
08/06/2013	22:13:56								

Well		Field	Job Start	Customer	Job Number
MOORE			Aug/07/2013	SOURCE	
Date	Time 24-hr clock	Message			
08/06/2013	22:19:36				
08/06/2013	22:22:26				
08/06/2013	22:25:16				
08/06/2013	22:28:06				
08/06/2013	22:30:56				
08/06/2013	22:33:38	Start Job			
08/06/2013	22:33:41	Start Pumping Wash			
08/06/2013	22:33:46				
08/06/2013	22:36:36				
08/06/2013	22:39:26				
08/06/2013	22:42:16				
08/06/2013	22:45:06				
08/06/2013	22:47:56				
08/06/2013	22:50:46				
08/06/2013	22:50:47	Pressure Test Lines			
08/06/2013	22:53:36				
08/06/2013	22:56:26				
08/06/2013	22:59:16				
08/06/2013	23:00:20	Reset Total, Vol = 30.29 bbl			
08/06/2013	23:00:25	End Wash			
08/06/2013	23:00:27	Start Mixing Lead Slurry			
08/06/2013	23:02:06				
08/06/2013	23:04:56				
08/06/2013	23:07:46				
08/06/2013	23:10:36				
08/06/2013	23:13:20	End Lead Slurry			
08/06/2013	23:13:26				
08/06/2013	23:13:32	Reset Total, Vol = 58.76 bbl			
08/06/2013	23:13:49	Start Mixing Tail Slurry			
08/06/2013	23:16:16				
08/06/2013	23:19:06				
08/06/2013	23:21:56				
08/06/2013	23:24:40	Reset Total, Vol = 24.83 bbl			
08/06/2013	23:24:46				
08/06/2013	23:25:00	End Tail Slurry			
08/06/2013	23:25:02	Drop Top Plug			
08/06/2013	23:27:36				
08/06/2013	23:30:26				
08/06/2013	23:33:16				
08/06/2013	23:36:06				
08/06/2013	23:38:56				
08/06/2013	23:41:46				
08/06/2013	23:44:36				
08/06/2013	23:47:26				
08/06/2013	23:50:16				
08/06/2013	23:53:06				
08/06/2013	23:55:46	Bump Top Plug			
08/06/2013	23:55:56				
08/06/2013	23:58:46				
08/07/2013	00:01:34	Reset Total, Vol = 16.76 bbl			
08/07/2013	00:01:36				
08/07/2013	00:01:39	End Displacement			
08/07/2013	00:04:26				
08/07/2013	00:07:16				

Well		Field	Job Start	Customer	Job Number
MOORE			Aug/07/2013	SOURCE	
Date	Time 24-hr clock	Message			
08/07/2013	00:11:17	End Job			
08/07/2013	00:11:21	Stopped Acquisition			
08/06/2013	21:17:16				
08/06/2013	21:20:06				
08/06/2013	21:22:56				
08/06/2013	21:25:46				
08/06/2013	21:28:36				
08/06/2013	21:31:26				
08/06/2013	21:34:16				
08/06/2013	21:37:06				
08/06/2013	21:39:56				
08/06/2013	21:42:46				
08/06/2013	21:45:36				
08/06/2013	21:48:26				
08/06/2013	21:51:16				
08/06/2013	21:54:06				
08/06/2013	21:56:56				
08/06/2013	21:59:46				
08/06/2013	22:02:36				
08/06/2013	22:05:26				
08/06/2013	22:08:16				
08/06/2013	22:11:06				
08/06/2013	22:13:56				
08/06/2013	22:16:46				
08/06/2013	22:19:36				
08/06/2013	22:22:26				
08/06/2013	22:25:16				
08/06/2013	22:28:06				
08/06/2013	22:30:56				
08/06/2013	22:33:46				
08/06/2013	22:36:36				
08/06/2013	22:39:26				
08/06/2013	22:42:16				
08/06/2013	22:45:06				
08/06/2013	22:47:56				
08/06/2013	22:50:46				
08/06/2013	22:53:36				
08/06/2013	22:56:26				
08/06/2013	22:59:16				
08/06/2013	23:02:06				
08/06/2013	23:04:56				
08/06/2013	23:07:46				
08/06/2013	23:10:36				
08/06/2013	23:13:26				
08/06/2013	23:16:16				
08/06/2013	23:19:06				
08/06/2013	23:21:56				
08/06/2013	23:24:46				
08/06/2013	23:27:36				
08/06/2013	23:30:26				
08/06/2013	23:33:16				
08/06/2013	23:36:06				
08/06/2013	23:38:56				
08/06/2013	23:41:46				

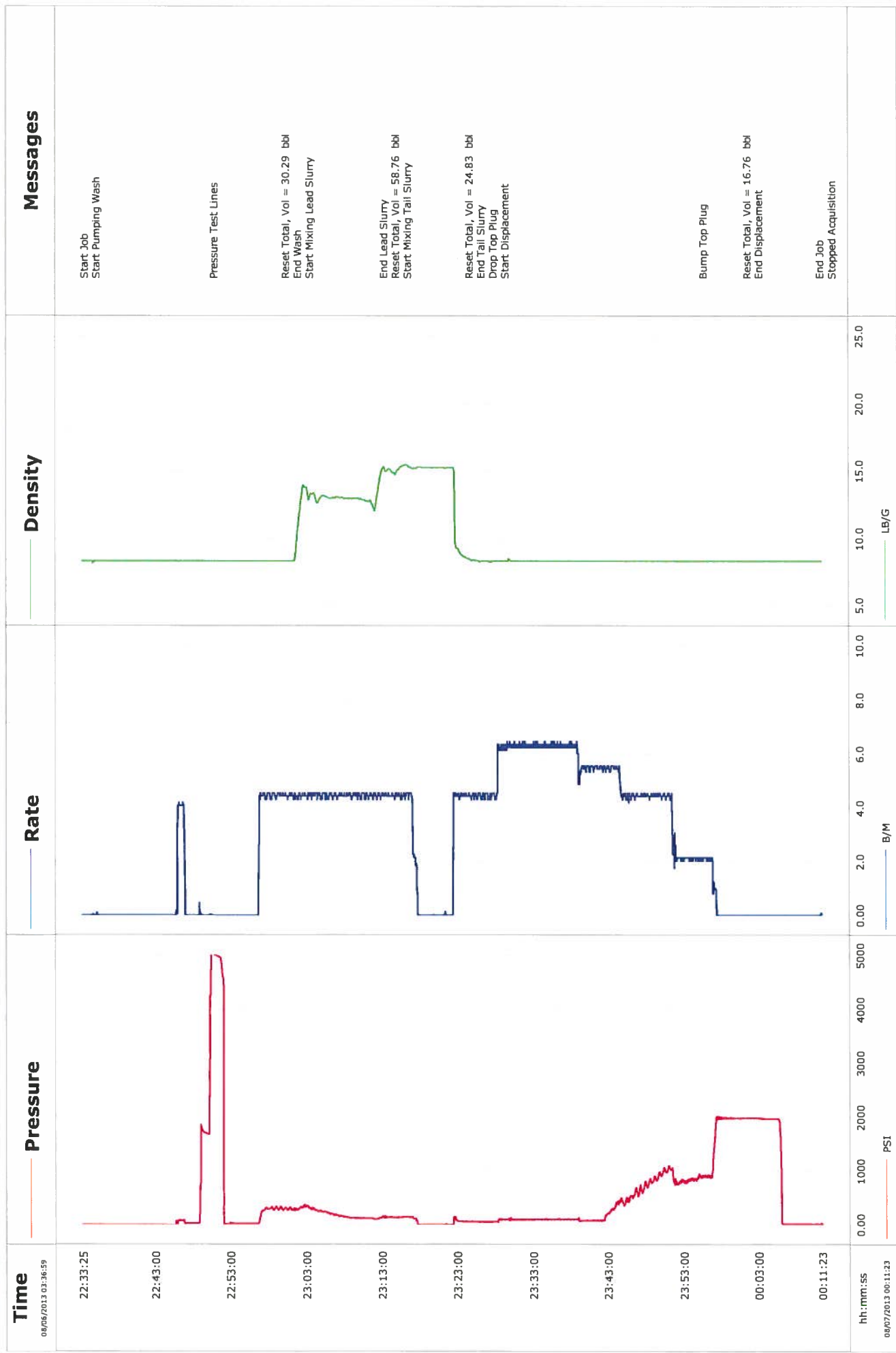
Well		Field	Job Start	Customer	Job Number
MOORE			Aug/07/2013	SOURCE	
Date	Time 24-hr clock	Message			
08/06/2013	23:47:26				
08/06/2013	23:50:16				
08/06/2013	23:53:06				
08/06/2013	23:55:56				
08/06/2013	23:58:46				
08/07/2013	00:01:36				
08/07/2013	00:04:26				
08/07/2013	00:07:16				
08/07/2013	00:10:06				
08/06/2013	21:17:16				
08/06/2013	21:20:06				
08/06/2013	21:22:56				
08/06/2013	21:25:46				
08/06/2013	21:28:36				
08/06/2013	21:31:26				
08/06/2013	21:34:16				
08/06/2013	21:37:06				
08/06/2013	21:39:56				
08/06/2013	21:42:46				
08/06/2013	21:45:36				
08/06/2013	21:48:26				
08/06/2013	21:51:16				
08/06/2013	21:54:06				
08/06/2013	21:56:56				
08/06/2013	21:59:46				
08/06/2013	22:02:36				
08/06/2013	22:05:26				
08/06/2013	22:08:16				
08/06/2013	22:11:06				
08/06/2013	22:13:56				
08/06/2013	22:16:46				
08/06/2013	22:19:36				
08/06/2013	22:22:26				
08/06/2013	22:25:16				
08/06/2013	22:28:06				
08/06/2013	22:30:56				
08/06/2013	22:33:46				
08/06/2013	22:36:36				
08/06/2013	22:39:26				
08/06/2013	22:42:16				
08/06/2013	22:45:06				
08/06/2013	22:47:56				
08/06/2013	22:50:46				
08/06/2013	22:53:36				
08/06/2013	22:56:26				
08/06/2013	22:59:16				
08/06/2013	23:02:06				
08/06/2013	23:04:56				
08/06/2013	23:07:46				
08/06/2013	23:10:36				
08/06/2013	23:13:26				
08/06/2013	23:16:16				
08/06/2013	23:19:06				
08/06/2013	23:21:56				

Well		Field	Job Start	Customer	Job Number
MOORE			Aug/07/2013	SOURCE	
Date	Time 24-hr clock	Message			
08/06/2013	23:27:36				
08/06/2013	23:30:26				
08/06/2013	23:33:16				
08/06/2013	23:36:06				
08/06/2013	23:38:56				
08/06/2013	23:41:46				
08/06/2013	23:44:36				
08/06/2013	23:47:26				
08/06/2013	23:50:16				
08/06/2013	23:53:06				
08/06/2013	23:55:56				
08/06/2013	23:58:46				
08/07/2013	00:01:36				
08/07/2013	00:04:26				
08/07/2013	00:07:16				

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
3.5			8.4	0.0	0.0	0.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
5125	11	406				bbl	lb/gal
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume	
%	54 0.0 bbl		0.0 bbl	degF	<input type="checkbox"/>	bbl	
Customer or Authorized Representative			Schlumberger Supervisor		Washed Thru Perfs	To	
DALE BOUGH			John Beseda II		<input type="checkbox"/>	ft	
				Circulation Lost	<input type="checkbox"/>	Job Completed	
				-	<input type="checkbox"/>	- <input checked="" type="checkbox"/>	

Well	MOORE	Client	SOURCE
Field	John Beseda II	SIR No.	7 INTERMEDIATE
Engineer	United States	Job Type	08-07-2013
Country		Job Date	



				Customer		Job Number	
				SOURCE ENERGY MIDCON		1016085	
Well		Location (legal)		Schlumberger Location		Job Start	
MOORE 31-31-6				EL RENO		Aug/25/2013	
Field		Formation Name/Type		Deviation	Bit Size	Well MD	Well TVD
				deg	6.1 in	10694.0 ft	3664.0 ft
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient
SUMMER		Oklahoma		psi	124 degF	124 degF	lb/gal
Well Master		API/UWI					
Rig Name		Drilled For	Service Via	Casing/Liner			
		Oil & Gas	Land	Depth, ft	Size, in	Weight, lb/ft	Grade
Offshore Zone		Well Class	Well Type	10694.0	4.5	11.6	N80
		New	Development	0.0	0.0	0.0	
Drilling Fluid Type		Max. Density	Plastic Viscosity	Tubing/Drill Pipe			
		lb/gal	cP	T/D	Depth, ft	Size, in	Weight, lb/ft
Service Line		Job Type		D	4308.0	4.0	14.0
Cementing		LINER			0.0	0.0	0.0
Max. Allowed Tub. Press		Max. Allowed Ann. Press	WH Connection	Perforations/Open Hole			
psi		psi	Single Cement head	Top, ft	Bottom, ft	shot/ft	No. of Shots
				ft	ft		Total Interval
Service Instructions				ft	ft		ft
500 SACKS, 40% Pozzolan				ft	ft		Diameter
60% CLASS H CEMENT				ft	ft		in
Density = 13.50 #/gal.				Treat Down	Displacement	Packer Type	Packer Depth
				Drill Pipe	131.5 bbl		ft
				Tubing Vol.	Casing Vol.	Annular Vol.	Openhole Vol.
				bbl	bbl	bbl	bbl
Casing/Tubing Secured		<input type="checkbox"/>	1 Hole Vol. Circulated prior to Cement	<input checked="" type="checkbox"/>		Casing Tools	
Lift Pressure		600 psi	Shoe Type	Guide	Squeeze Type		
Pipe Rotated		<input type="checkbox"/>	Pipe Reciprocated	<input type="checkbox"/>	Shoe Depth	10694.0 ft	Tool Type
No. Centralizers		Top Plugs	1	Bottom Plugs	Stage Tool Type	Tool Depth	ft
Cement Head Type		Single		Stage Tool Depth	ft	Tail Pipe Size	in
Job Scheduled For		Arrived on Location	Leave Location	Collar Type	Float	Tail Pipe Depth	ft
Aug/25/2013		Aug/25/2013	Aug/25/2013	Collar Depth	10655.0 ft	Sqz. Total Vol.	bbl
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
08/25/2013	09:47:42	-20	0.2	8.58	0.0	Started Acquisition	
08/25/2013	09:50:42	-20	0.1	8.54	0.0		
08/25/2013	09:53:42	787	0.2	8.53	0.0		
08/25/2013	09:56:42	4769	0.1	8.53	0.0		
08/25/2013	09:59:42	4492	0.0	8.53	0.0		
08/25/2013	10:02:42	23	0.2	8.53	0.0		
08/25/2013	10:05:42	569	4.4	8.52	0.0		
08/25/2013	10:07:37	617	4.3	8.52	0.0	Start Job	
08/25/2013	10:07:49	578	4.4	8.52	0.0	Pressure Test Lines	
08/25/2013	10:08:09	583	4.4	8.52	0.0	DROP BALL	
08/25/2013	10:08:26	594	4.4	8.52	0.0	START PUMPING BALL DOWN	
08/25/2013	10:08:42	592	4.3	8.52	0.0		
08/25/2013	10:11:42	581	4.3	8.53	0.0		
08/25/2013	10:14:42	584	4.3	8.53	0.0		
08/25/2013	10:17:42	620	4.4	8.53	0.0		
08/25/2013	10:20:42	627	4.4	8.53	0.0		
08/25/2013	10:23:42	596	4.3	8.53	0.0		
08/25/2013	10:26:42	568	4.3	8.53	0.0		
08/25/2013	10:29:42	309	3.1	8.53	0.0		
08/25/2013	10:32:42	304	2.9	8.53	0.0		
08/25/2013	10:35:42	313	3.1	8.53	0.0		

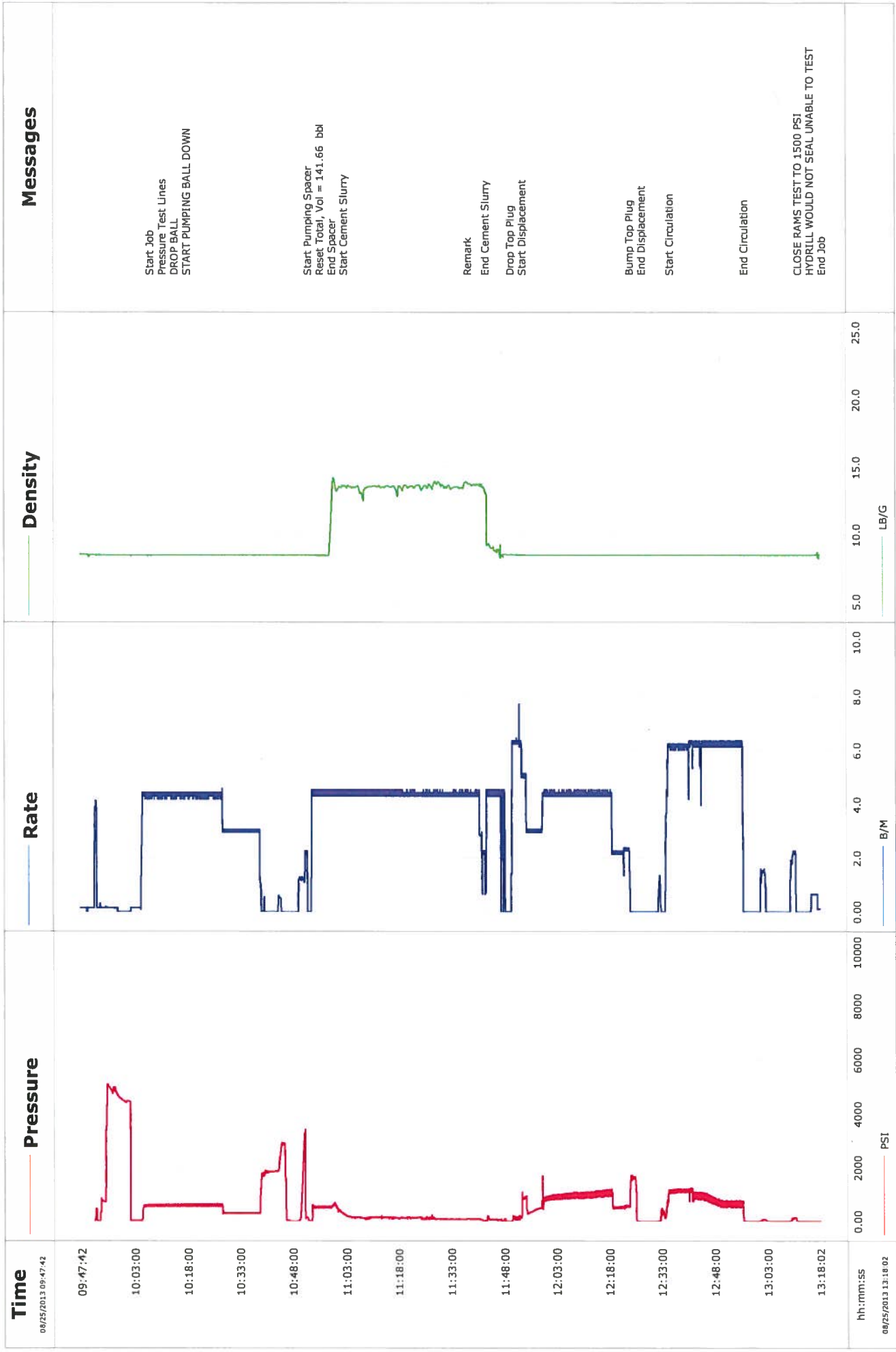
Well		Field		Job Start		Customer		Job Number	
MOORE 31-31-6				Aug/25/2013		SOURCE ENERGY MIDCON		1016085	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
08/25/2013	10:41:42	1832	0.0	8.53	0.0				
08/25/2013	10:44:42	2766	0.5	8.53	0.0				
08/25/2013	10:47:42	13	0.0	8.53	0.0				
08/25/2013	10:50:42	1357	1.3	8.53	0.0				
08/25/2013	10:52:28	34	0.0	8.53	0.0	Start Pumping Spacer			
08/25/2013	10:52:36	24	0.0	8.52	0.0	Reset Total, Vol = 141.66 bbl			
08/25/2013	10:53:42	584	4.5	8.52	0.0				
08/25/2013	10:56:42	548	4.4	8.49	0.0				
08/25/2013	10:57:25	556	4.3	8.50	0.0	End Spacer			
08/25/2013	10:57:28	535	4.5	8.50	0.0	Start Cement Slurry			
08/25/2013	10:59:42	573	4.4	14.25	0.0				
08/25/2013	11:02:42	263	4.3	13.62	0.0				
08/25/2013	11:05:42	147	4.4	13.52	0.0				
08/25/2013	11:08:42	118	4.3	13.40	0.0				
08/25/2013	11:11:42	145	4.5	13.63	0.0				
08/25/2013	11:14:42	151	4.5	13.60	0.0				
08/25/2013	11:17:42	123	4.3	13.20	0.0				
08/25/2013	11:20:42	156	4.4	13.58	0.0				
08/25/2013	11:23:42	139	4.4	13.70	0.0				
08/25/2013	11:26:42	118	4.3	13.63	0.0				
08/25/2013	11:29:42	92	4.4	13.91	0.0				
08/25/2013	11:32:42	86	4.4	13.60	0.0				
08/25/2013	11:35:42	89	4.3	13.51	0.0				
08/25/2013	11:38:07	95	4.3	13.80	0.0	Remark			
08/25/2013	11:38:42	95	4.4	13.75	0.0				
08/25/2013	11:41:42	72	2.9	13.75	0.0				
08/25/2013	11:43:00	19	1.1	13.18	0.0	End Cement Slurry			
08/25/2013	11:44:42	61	4.3	9.03	0.0				
08/25/2013	11:47:42	22	4.5	8.51	0.0				
08/25/2013	11:50:02	7	0.0	8.54	0.0	Drop Top Plug			
08/25/2013	11:50:05	7	0.0	8.54	0.0	Start Displacement			
08/25/2013	11:50:42	186	6.4	8.54	0.0				
08/25/2013	11:53:42	872	5.0	8.53	0.0				
08/25/2013	11:56:42	428	3.1	8.53	0.0				
08/25/2013	11:59:42	773	4.3	8.53	0.0				
08/25/2013	12:02:42	965	4.3	8.53	0.0				
08/25/2013	12:05:42	957	4.4	8.53	0.0				
08/25/2013	12:08:42	967	4.4	8.53	0.0				
08/25/2013	12:11:42	1044	4.3	8.53	0.0				
08/25/2013	12:14:42	1143	4.3	8.53	0.0				
08/25/2013	12:17:42	984	4.4	8.53	0.0				
08/25/2013	12:20:42	535	2.2	8.53	0.0				
08/25/2013	12:23:42	545	2.3	8.53	0.0				
08/25/2013	12:24:02	1537	0.8	8.53	0.0	Bump Top Plug			
08/25/2013	12:24:05	1515	0.5	8.53	0.0	End Displacement			
08/25/2013	12:26:42	12	0.0	8.53	0.0				
08/25/2013	12:29:42	12	0.0	8.53	0.0				
08/25/2013	12:32:42	188	0.5	8.53	0.0				
08/25/2013	12:35:20	1128	6.1	8.53	0.0	Start Circulation			
08/25/2013	12:35:42	1061	6.2	8.53	0.0				
08/25/2013	12:38:42	1099	6.2	8.52	0.0				
08/25/2013	12:41:42	767	6.2	8.52	0.0				
08/25/2013	12:44:42	1056	6.4	8.52	0.0				
08/25/2013	12:47:42	815	6.2	8.52	0.0				

Well		Field		Job Start		Customer		Job Number	
MOORE 31-31-6				Aug/25/2013		SOURCE ENERGY MIDCON		1016085	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
08/25/2013	12:53:42	736	6.1	8.52	0.0				
08/25/2013	12:56:42	12	0.0	8.52	0.0				
08/25/2013	12:56:47	12	0.0	8.52	0.0	End Circulation			
08/25/2013	12:59:42	13	0.0	8.52	0.0				
08/25/2013	13:02:42	19	0.0	8.52	0.0				
08/25/2013	13:05:42	12	0.0	8.52	0.0				
08/25/2013	13:08:42	13	0.0	8.52	0.0				
08/25/2013	13:11:42	11	0.0	8.52	0.0				
08/25/2013	13:12:04	12	0.0	8.52	0.0	CLOSE RAMS TEST TO 1500 PSI			
08/25/2013	13:12:30	12	0.0	8.52	0.0	HYDRILL WOULD NOT SEAL UNABLE TO TEST			
08/25/2013	13:12:54	12	0.0	8.52	0.0	End Job			
08/25/2013	13:14:42	12	0.0	8.52	0.0				

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
3.8			7.7	133.0	0.0	20.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
5084	13	614	1600			bbl	lb/gal
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume	40.0 bbl
%	133.0 bbl	131.5 bbl	degF	Washed Thru Perfs	<input type="checkbox"/>	To	ft
Customer or Authorized Representative	Schlumberger Supervisor			Circulation Lost	<input type="checkbox"/>	Job Completed	<input checked="" type="checkbox"/>
JACKIE KENNEDY	NATHAN SMITH			-		-	

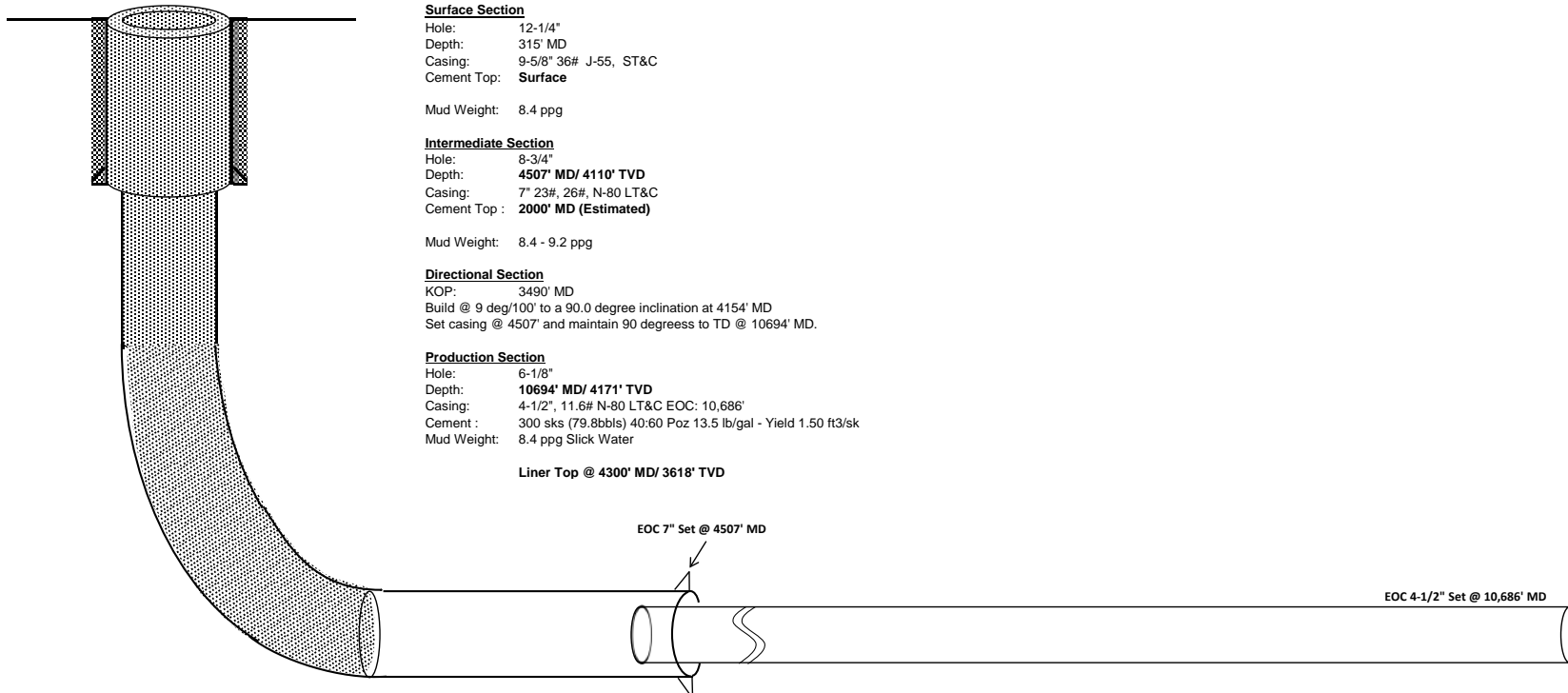
Well	MOORE 31-31-6	Client	SOURCE ENERGY MIDCON
Field		SIR No.	1016085
Engineer	NATHAN SMITH	Job Type	LINER
Country	United States	Job Date	08-25-2013



Moore 31-31-6-32H - FINAL

As Drilled Wellbore Diagram - **NOT TO SCALE**

Updated: 10/15/2013
Location: Section 31 Township 33S Range 1E, Sumner County, Kansas
Field:
API Number: 151-191-22694-01-00 Elevations: GL 1225
Target Zone: Mississippian Lime KB 1238.6
Mississippian @ 3917' / 3880' MD/TVD KB 13.6



Surface Section

Hole: 12-1/4"
Depth: 315' MD
Casing: 9-5/8" 36# J-55, ST&C
Cement Top: **Surface**

Mud Weight: 8.4 ppg

Intermediate Section

Hole: 8-3/4"
Depth: **4507' MD/ 4110' TVD**
Casing: 7" 23#, 26#, N-80 LT&C
Cement Top : **2000' MD (Estimated)**

Mud Weight: 8.4 - 9.2 ppg

Directional Section

KOP: 3490' MD
Build @ 9 deg/100' to a 90.0 degree inclination at 4154' MD
Set casing @ 4507' and maintain 90 degrees to TD @ 10694' MD.

Production Section

Hole: 6-1/8"
Depth: **10694' MD/ 4171' TVD**
Casing: 4-1/2", 11.6# N-80 LT&C EOC: 10,686'
Cement : 300 sks (79.8bbbls) 40:60 Poz 13.5 lb/gal - Yield 1.50 ft3/sk
Mud Weight: 8.4 ppg Slick Water

Liner Top @ 4300' MD/ 3618' TVD

EOC 7" Set @ 4507' MD

EOC 4-1/2" Set @ 10,686' MD