

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNMOCD
NM OIL CONSERVATION
ARTESIA DISTRICTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

NOV 06 2017

SUBMIT IN TRIPLICATE - Other instructions on page 2

RECEIVED

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other		5. Lease Serial No. NMNM117120
2. Name of Operator MATADOR PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name
Contact: TAMMY R LINK E-Mail: tlink@matadorresources.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 5400 LBJ FREEWAY, SUITE 1500 DALLAS, TX 75240	3b. Phone No. (include area code) Ph: 575-627-2465	8. Well Name and No. ZACH MCCORMICK FED 226H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 13 T24S R28E Mer NMP SENE 2325FNL 311FEL		9. API Well No. 30-015-44251
		10. Field and Pool or Exploratory Area PURPLE SAGE; WOLFCAMP
		11. County or Parish, State EDDY COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Drilling Operations
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

BLM BOND NO. NMB0001079
SURETY BOND NO. RLB0015172

Accepted for record - NMOCD

NM OIL CONSERVATION
ARTESIA DISTRICT

See attached casing and cement actuals along with Final MWD Surveys.

NOV 06 2017

RECEIVED

Setting depth for 17 1/2" 89-5/8"?

14. I hereby certify that the foregoing is true and correct. Electronic Submission #393334 verified by the BLM Well Information System For MATADOR PRODUCTION COMPANY, sent to the Carlsbad Committed to AFMSS for processing by JENNIFER SANCHEZ on 10/30/2017 ()	
Name (Printed/Typed) TAMMY R LINK	Title PRODUCTION ANALYST
Signature (Electronic Submission)	Date 10/27/2017
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By _____	Title _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	

(Instructions on page 2)

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **



7821 Will Rogers Blvd.
Fort Worth, Texas 76140

817.568.1038 (office)
817.568.1499 (fax)
www.msenergyservices.com

MS Energy Services Survey Data Certification

MS Energy Job Number: DDMO-170809
Survey Type: MWD
Operating Company: Matador Production Company
Well Name & Number: Zach McCormick Federal COM 226H
Location: Eddy County, NM
API Number: 30-015-44251
Tie In Depth: 600' MD
Surveyed Depths: 694' – 15,650' MD
Projected TD Survey: 15,727' MD
Dates Performed: 08/22/2017 – 09/11/2017

I certify that the data is true, correct and complete and within the limitations of the tool set forth by MS Energy Services; that I am authorized and qualified to make this report and that I have reviewed this report and find it conforms to the principles and procedures as set forth by MS Energy Services.

Tim Little

Digitally signed by:

MWD Surveyor Name: Tim Little

Date: 10-05-2017

Email: tlittle@msenergyservices.com



SURVEY CALCULATION PROGRAM

10/6/17 15:06

Company: Matador Production Company
 Well Name: Zach McCormick Federal COM 226H
 Location: Eddy County, NM
 Rig: Patterson #297
 Job Number: DDMO-170809
 API #: 30-015-44251

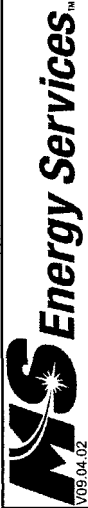
REFERENCED TO GRID NORTH

Magnetic Declination: 7.06

Vertical Section Azimuth: 90.02
 Proposed Direction: 90.02

Survey Calculation Method: Minimum Curvature

#	Depth Feet	Inc Degrees	Azm Degrees	TVD Feet	N/S	AZM	TVD Feet	EW Feet	Surface Vert Sec	Distance	Closure		DLS/ 100	BUR/ 100'
											EW	Azm		
TIE IN														
1	600	1.24	347.89	599.93	7.28		-1.86	-1.86	-1.86	7.51	345.67		0.39	0.38
2	694	1.60	344.50	693.90	9.54		-2.42	-2.43	-2.43	9.84	345.74		0.66	-0.54
3	786	1.10	359.40	785.88	11.66		-2.78	-2.78	-2.78	11.99	346.61		1.70	-0.66
4	877	0.50	146.50	876.87	12.20		-2.57	-2.57	-2.57	12.47	348.12		1.12	0.96
5	971	1.40	108.70	970.86	11.49		-1.25	-1.26	-1.26	11.56	353.78		1.66	1.29
6	1,064	2.60	79.00	1063.80	11.53		1.89	1.89	1.89	11.68	9.33		0.20	0.11
7	1,158	2.70	75.50	1157.70	12.49		6.13	6.13	6.13	13.91	26.14		0.56	0.53
8	1,252	3.20	78.80	1251.58	13.56		10.85	10.84	10.84	17.36	38.67		0.60	0.59
9	1,439	4.30	81.50	1438.17	15.61		22.90	22.90	22.90	27.71	55.73		0.54	-0.53
10	1,626	3.30	83.60	1624.76	17.24		35.18	35.18	35.18	39.18	63.89		1.84	1.81
11	1,720	5.00	79.00	1718.51	18.32		41.89	41.89	41.89	45.73	66.38		2.66	2.66
12	1,814	7.50	78.40	1811.94	20.34		51.93	51.92	51.92	55.77	68.61		0.27	-0.27
13	2,001	7.00	78.10	1997.45	25.14		75.03	75.02	75.02	79.13	71.47		0.55	-0.37
14	2,188	6.30	84.70	2183.19	28.44		96.40	96.39	96.39	100.51	73.56		0.52	0.00
15	2,375	6.30	93.50	2369.07	28.76		116.86	116.85	116.85	120.34	76.17		0.58	-0.32
16	2,562	5.70	102.10	2555.05	26.19		136.18	136.17	136.17	138.67	79.11		0.81	-0.79
17	2,713	4.50	104.50	2705.45	23.13		149.25	149.24	149.24	151.03	81.19		1.59	1.30
18	2,844	6.20	91.40	2835.87	21.67		161.29	161.29	161.29	162.74	82.35		1.78	-0.64
19	2,938	5.60	76.10	2929.38	22.65		170.82	170.81	170.81	172.32	82.45		0.15	0.00
20	3,031	5.60	77.50	3021.94	24.73		179.66	179.65	179.65	181.35	82.16		0.64	0.43
21	3,219	6.40	68.80	3208.91	30.50		198.38	198.37	198.37	200.71	81.26		0.05	0.00
22	3,406	6.40	67.90	3394.75	38.19		217.75	217.74	217.74	221.08	80.05		0.40	-0.32
23	3,593	5.80	63.70	3580.69	46.30		235.88	235.87	235.87	240.38	78.90		1.13	-0.96
24	3,780	4.00	50.40	3767.00	54.64		249.38	249.36	249.36	255.30	77.64		0.85	-0.85
25	3,968	2.40	48.50	3954.70	61.43		257.38	257.36	257.36	264.61	76.58		1.10	-0.81
26	4,154	0.90	104.60	4140.63	63.64		261.71	261.69	261.69	269.34	76.33		0.14	-0.11
27	4,342	0.70	91.60	4328.61	63.24		264.29	264.27	264.27	271.75	76.54		0.18	-0.11
28	4,529	0.50	117.00	4515.60	62.84		266.16	266.14	266.14	273.47	76.72		0.08	0.00
29	4,716	0.50	135.20	4702.59	61.89		267.46	267.44	267.44	274.53	76.97		0.20	-0.05
30	4,904	0.60	151.60	4890.58	60.44		268.51	268.48	268.48	275.22	77.31		0.43	-0.05
31	5,091	0.50	189.10	5077.58	58.77		268.84	268.82	268.82	275.19	77.67		0.13	0.11
32	5,278	0.40	62.40	5264.57	58.27		269.29	269.27	269.27	275.52	77.79		0.71	0.71
33	5,465	0.60	79.50	5451.57	58.75		270.83	270.81	270.81	277.13	77.76			
	5,652	0.80	298.80	5638.56	59.56		270.65	270.63	270.63	277.13	77.59			



SURVEY CALCULATION PROGRAM

10/6/17 15:06

Company: Matador Production Company
Well Name: Zach McCormick Federal COM 226H
Location: Eddy County, NM
Rig: Patterson #297
Job Number: DDMO-170809
API #: 30-015-44251

Magnetic Declination: 7.06

REFERENCED TO GRID NORTH

Vertical Section Azimuth: 90.02

Proposed Direction: 90.02

Survey Calculation Method: Minimum Curvature

#	Depth Feet	Inc		Azim		TVD Feet	N/S		E/W	Surface		Closure		DLS/ 100'	BUR/ 100'
		MD	Degrees	Degrees	Degrees		Feet	Feet		Feet	Vert Sec	Distance	Azm		
PTB:	15,727					INC	84.6	92.8		11021.16	15.79		5377.09		5377.09
34	5,839	0.60	282.20	282.20	5825.55	60.39	268.55	268.55	268.55	268.55	268.55	275.26	77.33	0.15	-0.11
35	6,027	0.80	254.80	254.80	6013.53	60.26	266.32	266.32	266.32	266.32	266.30	273.05	77.25	0.20	0.11
36	6,214	0.90	240.10	240.10	6200.51	59.18	263.79	263.79	263.79	263.77	263.77	270.35	77.35	0.13	0.05
37	6,401	0.30	134.20	134.20	6387.51	58.11	262.87	262.87	262.87	262.85	262.85	269.21	77.53	0.55	-0.32
38	6,588	1.50	272.40	272.40	6574.49	57.87	260.77	260.77	260.77	260.75	260.75	267.12	77.49	0.93	0.64
39	6,775	2.10	260.50	260.50	6761.39	57.41	254.95	254.95	254.95	254.93	254.93	261.33	77.31	0.38	0.32
40	6,869	0.80	255.40	255.40	6855.36	56.96	252.61	252.61	252.61	252.59	252.59	258.96	77.29	1.39	-1.38
41	7,056	0.60	320.40	320.40	7042.35	57.38	250.73	250.73	250.73	250.71	250.71	257.21	77.11	0.41	-0.11
42	7,243	1.60	268.10	268.10	7229.32	58.05	247.49	247.49	247.49	247.47	247.47	254.21	76.80	0.71	0.53
43	7,336	0.40	259.60	259.60	7322.30	57.95	245.88	245.88	245.88	245.86	245.86	252.61	76.74	1.30	-1.29
44	7,523	0.90	239.90	239.90	7509.29	57.10	243.96	243.96	243.96	243.94	243.94	250.55	76.83	0.29	0.27
45	7,711	1.70	124.30	124.30	7697.26	54.78	244.99	244.99	244.99	244.97	244.97	251.04	77.40	1.19	0.43
46	7,898	2.00	216.20	216.20	7884.20	50.59	245.35	245.35	245.35	245.34	245.34	250.51	78.35	1.43	0.16
47	7,992	1.70	227.30	227.30	7978.15	48.32	243.36	243.36	243.36	243.34	243.34	248.11	78.77	0.50	-0.32
48	8,085	0.80	257.90	257.90	8071.12	47.24	241.71	241.71	241.71	241.69	241.69	246.29	78.94	1.17	-0.97
49	8,179	0.60	274.80	274.80	8165.12	47.15	240.58	240.58	240.58	240.56	240.56	245.16	78.91	0.30	-0.21
50	8,273	0.50	16.80	16.80	8259.11	47.58	240.21	240.21	240.21	240.19	240.19	244.87	78.80	0.91	-0.11
51	8,366	0.10	356.00	356.00	8352.11	48.05	240.32	240.32	240.32	240.30	240.30	245.08	78.69	0.44	-0.43
52	8,460	0.20	282.90	282.90	8446.11	48.17	240.15	240.15	240.15	240.14	240.14	244.94	78.66	0.21	0.11
53	8,554	0.50	1.10	1.10	8540.11	48.62	240.00	240.00	240.00	239.98	239.98	244.88	78.55	0.53	0.32
54	8,647	0.40	13.80	13.80	8633.11	49.34	240.09	240.09	240.09	240.07	240.07	245.10	78.39	0.15	-0.11
55	8,834	1.10	187.20	187.20	8820.10	48.19	240.02	240.02	240.02	240.00	240.00	244.81	78.65	0.80	0.37
56	9,017	2.30	52.10	52.10	9003.06	48.70	242.70	242.70	242.70	242.68	242.68	247.53	78.65	1.74	0.66
57	9,204	1.50	49.50	49.50	9189.95	52.60	247.52	247.52	247.52	247.50	247.50	253.04	78.00	0.43	-0.43
58	9,391	0.80	40.50	40.50	9376.91	55.18	250.23	250.23	250.23	250.21	250.21	256.24	77.56	0.39	-0.37
59	9,579	0.40	45.80	45.80	9564.90	56.64	251.55	251.55	251.55	251.53	251.53	257.85	77.31	0.21	-0.21
60	9,766	0.20	49.00	49.00	9751.90	57.31	252.26	252.26	252.26	252.24	252.24	258.69	77.20	0.11	-0.11
61	9,953	0.30	179.30	179.30	9938.90	57.03	252.52	252.52	252.52	252.50	252.50	258.88	77.27	0.24	0.05
62	10,140	0.60	184.60	184.60	10125.89	55.56	252.44	252.44	252.44	252.42	252.42	258.49	77.59	0.16	0.16
63	10,215	0.90	182.80	182.80	10200.89	54.59	252.38	252.38	252.38	252.36	252.36	258.22	77.80	0.40	0.40
64	10,262	1.00	154.20	154.20	10247.88	53.85	252.54	252.54	252.54	252.52	252.52	258.22	77.96	1.02	0.21
65	10,309	4.60	111.50	111.50	10294.82	52.79	254.48	254.48	254.48	254.46	254.46	259.89	78.28	8.35	7.66
66	10,355	10.20	99.90	99.90	10340.42	51.41	260.21	260.21	260.21	260.19	260.19	265.24	78.82	12.54	12.17
67	10,402	13.10	109.30	109.30	10386.45	48.93	269.34	269.34	269.34	269.32	269.32	273.75	79.70	7.36	6.17



SURVEY CALCULATION PROGRAM

10/6/17 15:06

Company: Matador Production Company
Well Name: Zach McCormick Federal COM 226H
Location: Eddy County, NM
Rig: Patterson #297
Job Number: DDMO-170809
API #: 30-015-44251

Magnetic Declination: 7.06

REFERENCED TO GRID NORTH

Proposed Direction: 90.02

Vertical Section Azimuth: 90.02

Survey Calculation Method: Minimum Curvature

#	Depth Feet	Inc			Azim		TVD		N/S		E/W		Surface		Closure		DLS/		VS
		MD	Degrees	Degrees	Degrees	Degrees	Feet	Feet	Feet	Feet	Feet	Feet	Vert	Vert	Distance	Azm	100	100'	
PTB:	15,727						84.6	92.8	11021.16	15.79	5377.09	5377.09							5377.09
68	10,449		17.40		109.40		10431.79	44.84	281.00	280.98					284.55	80.93	9.15	9.15	
69	10,496		22.90		100.70		10475.90	40.80	296.63	296.62					299.42	82.17	13.30	11.70	
70	10,543		28.00		97.00		10518.33	37.76	316.58	316.57					318.82	83.20	11.36	10.85	
71	10,590		34.00		94.80		10558.60	35.31	340.65	340.64					342.47	84.08	12.99	12.77	
72	10,636		38.80		89.90		10595.62	34.26	367.90	367.89					369.49	84.68	12.19	10.43	
73	10,683		45.50		89.00		10630.45	34.58	399.42	399.41					400.91	85.05	14.31	14.26	
74	10,730		49.80		89.70		10662.10	34.96	434.14	434.13					435.55	85.40	9.21	9.15	
75	10,777		53.60		89.80		10691.23	35.12	471.02	471.01					472.33	85.74	8.09	8.09	
76	10,823		58.00		89.90		10717.08	35.22	509.06	509.04					510.27	86.04	9.57	9.57	
77	10,870		61.80		90.60		10740.64	35.04	549.71	549.70					550.83	86.35	8.19	8.09	
78	10,917		64.90		91.00		10761.72	34.45	591.71	591.70					592.71	86.67	6.64	6.60	
79	11,009		69.50		91.60		10797.36	32.52	676.47	676.46					677.25	87.25	5.04	5.00	
80	11,056		73.60		89.10		10812.24	32.26	721.04	721.03					721.76	87.44	10.08	8.72	
81	11,103		77.70		86.50		10823.89	34.02	766.53	766.52					767.28	87.46	10.24	8.72	
82	11,150		80.90		85.80		10832.61	37.12	812.60	812.59					813.45	87.38	6.96	6.81	
83	11,198		83.70		85.50		10839.04	40.73	860.03	860.01					860.99	87.29	5.87	5.83	
84	11,245		84.10		85.70		10844.04	44.31	906.62	906.61					907.70	87.20	0.95	0.85	
85	11,292		89.70		86.50		10846.58	47.50	953.43	953.41					954.61	87.15	12.04	11.91	
86	11,386		90.20		86.90		10846.66	52.91	1047.27	1047.25					1048.61	87.11	0.68	0.53	
87	11,481		87.90		84.80		10848.23	59.78	1142.00	1141.97					1143.56	87.00	3.28	-2.42	
88	11,575		86.60		84.10		10852.74	68.86	1235.44	1235.42					1237.36	86.81	1.57	-1.38	
89	11,669		88.00		84.30		10857.17	78.35	1328.86	1328.83					1331.17	86.63	1.50	1.49	
90	11,764		85.40		84.30		10862.64	87.77	1423.22	1423.19					1425.93	86.47	2.74	-2.74	
91	11,858		87.50		86.90		10868.46	94.97	1516.75	1516.72					1519.72	86.42	3.55	2.23	
92	11,952		90.90		90.20		10869.77	97.34	1610.69	1610.65					1613.63	86.54	5.04	3.62	
93	12,046		91.20		91.00		10868.05	96.36	1704.66	1704.63					1707.39	86.76	0.91	0.32	
94	12,141		91.10		91.00		10866.14	94.70	1799.63	1799.60					1802.12	86.99	0.11	-0.11	
95	12,235		91.00		91.90		10864.42	92.32	1893.58	1893.55					1895.83	87.21	0.96	-0.11	
96	12,329		90.20		91.20		10863.44	89.78	1987.54	1987.51					1989.57	87.41	1.13	-0.85	
97	12,423		89.60		90.60		10863.60	88.30	2081.53	2081.50					2083.40	87.57	0.90	-0.64	
98	12,518		90.00		91.30		10863.93	86.73	2176.52	2176.49					2178.24	87.72	0.85	0.42	
99	12,612		89.60		90.60		10864.26	85.17	2270.50	2270.47					2272.10	87.85	0.86	-0.43	
100	12,706		88.90		90.50		10865.49	84.27	2364.46	2364.46					2365.99	87.96	0.75	-0.74	
101	12,801		88.90		90.40		10867.32	83.52	2459.47	2459.44					2460.89	88.06	0.11	0.00	

SURVEY CALCULATION PROGRAM

10/6/17 15:06

Company:	Matador Production Company
Well Name:	Zach McCormick Federal COM 226H
Location:	Eddy County, NM
Rig:	Patterson #297
Job Number:	DDMO-170809
API #:	30-015-44251

Magnetic Declination: 7.06

REFERENCED TO GRID NORTH

Proposed Direction: 90.02

Vertical Section Azimuth: 90.02

Survey Calculation Method: Minimum Curvature

#	Depth Feet	Inc		Azim		TVD		N/S		E/W		Surface		Closure		DLS/ 100'	BUR/ 100'
		Degrees	Feet	Degrees	Feet	Feet	Feet	Feet	Feet	Feet	Feet	Vert Sec	Vert Sec	Distance	Azm		
PTB:	MD	15,727				INC	84.6	92.8									
102	12,895	89.30		90.10	10868.79			83.11	2553.46			2553.43		2554.81	88.14	0.53	0.43
103	12,988	85.90		87.60	10872.69			84.97	2646.33			2646.30		2647.70	88.16	4.54	-3.66
104	13,083	86.00		87.60	10879.40			88.94	2741.01			2740.98		2742.46	88.14	0.11	0.11
105	13,177	88.60		89.20	10883.82			91.56	2834.86			2834.83		2836.34	88.15	3.25	2.77
106	13,271	88.40		89.10	10886.28			92.96	2928.82			2928.79		2930.29	88.18	0.24	-0.21
107	13,366	89.50		90.40	10888.03			93.37	3023.80			3023.77		3025.24	88.23	1.79	1.16
108	13,460	86.90		89.10	10890.98			93.78	3117.74			3117.71		3119.15	88.28	3.09	-2.77
109	13,554	90.70		90.00	10892.95			94.52	3211.70			3211.67		3213.09	88.31	4.15	4.04
110	13,648	88.60		89.80	10893.52			94.68	3305.69			3305.66		3307.05	88.36	2.24	-2.23
111	13,742	86.00		90.90	10897.95			94.11	3399.58			3399.54		3400.88	88.41	3.00	-2.77
112	13,836	84.90		90.00	10905.40			93.37	3493.28			3493.24		3494.52	88.47	1.51	-1.17
113	13,931	91.00		92.90	10908.80			90.97	3588.13			3588.10		3589.28	88.55	7.11	6.42
114	14,025	91.70		93.50	10906.59			85.72	3681.96			3681.93		3682.95	88.67	0.98	0.74
115	14,119	87.30		92.90	10907.41			80.47	3775.78			3775.75		3776.64	88.78	4.72	-4.68
116	14,214	87.30		93.10	10911.88			75.51	3870.55			3870.52		3871.28	88.88	0.21	0.00
117	14,308	86.30		92.90	10917.13			70.60	3964.27			3964.25		3964.90	88.98	1.08	-1.06
118	14,402	89.40		94.10	10920.66			64.86	4058.02			4057.99		4058.53	89.08	3.54	3.30
119	14,496	90.80		94.10	10920.49			58.14	4151.77			4151.75		4152.18	89.20	1.49	1.49
120	14,590	88.10		92.60	10921.39			52.65	4245.60			4245.58		4245.92	89.29	3.29	-2.87
121	14,684	88.50		90.80	10924.18			49.86	4339.51			4339.49		4339.80	89.34	1.96	0.43
122	14,777	84.40		90.00	10929.94			49.21	4432.31			4432.29		4432.58	89.36	4.49	-4.41
123	14,871	84.20		89.50	10939.28			49.62	4525.84			4525.82		4526.11	89.37	0.57	-0.21
124	14,966	85.50		92.50	10947.81			47.97	4620.43			4620.41		4620.68	89.41	3.43	1.37
125	15,059	86.10		92.90	10954.62			43.60	4713.08			4713.06		4713.28	89.47	0.77	0.65
126	15,154	85.50		92.10	10961.57			39.46	4807.73			4807.72		4807.89	89.53	1.05	-0.63
127	15,248	84.30		92.40	10969.93			35.79	4901.29			4901.27		4901.42	89.58	1.32	-1.28
128	15,343	83.60		92.10	10980.36			32.08	4995.64			4995.63		4995.74	89.63	1.30	-1.26
129	15,437	83.30		92.40	10991.24			28.42	5088.93			5088.92		5089.01	89.68	0.62	0.53
130	15,531	83.30		92.10	11001.96			24.75	5182.25			5182.24		5182.31	89.73	0.45	-0.32
131	15,625	84.90		92.80	11011.63			20.75	5275.66			5275.65		5275.70	89.77	1.86	1.70
132	15,650	84.60		92.80	11013.91			19.54	5300.52			5300.52		5300.56	89.79	1.20	-1.20
PTB:	15,727	84.60		92.80	11021.16			15.79	5377.09			5377.09		5377.11	89.83	0.00	0.00

Zach McCormick #226H

DATE	STRING	FLUID TYPE (list)	WT LB/FT (decimal)	GRADE	HOLE SZ (fraction)	CSG SZ (fraction)	TOP CSG (feet)
5/24/2017	SURF	Fresh Water	54.50	J-55	17 1/2	13 3/8	0
6/5/2017	INT 1	Brine	40.00	J-55	12 1/4	9 5/8	0
6/13/2017	INT 2 TOP	Cut Brine	29.70	P-110	8 3/4	7 5/8	0
6/13/2017	INT 2 M	Cut Brine	29.70	P-110	8 3/4	7 5/8	2281
6/13/2017	INT 2 BTM	Cut Brine	29.00	P-110	8 3/4	7	10143
7/4/2017	PROD TOP	Oil-Based Mud	20.00	P-110	6 1/8	5 1/2	0
7/4/2017	PROD BTM	Oil-Based Mud	13.50	P-110	6 1/8	4 1/2	10019

Top of Prod Casing Float Collar (feet):	15621
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DEPTH SET (feet)	WAIT ON CMT (decimal hours)	PRESS HELD (psi)	LD SX	LD YIELD	TL SX	TL YIELD	TTL SX
595	22.5	1500	296	1.77	418	1.33	714
2766	12.5	2765	692	1.75	273	1.33	965
2281	18.0	2500	596	2.56	247	1.24	843
10143							
10983							
10019					536	1.17	536
15710							

HRS;MIN

CLASS (list)	TOP OF CMT (feet)	METHOD USED (list)	BBLs TO SURF (if circulated)	SX TO SURF (if circulated)	LENGTH 1" RAN (if topped out)
C	0	Circ	55	232	
C	0	Circ	85	273	
C	780	Calc	0	-	
H	10000	Calc	0		