

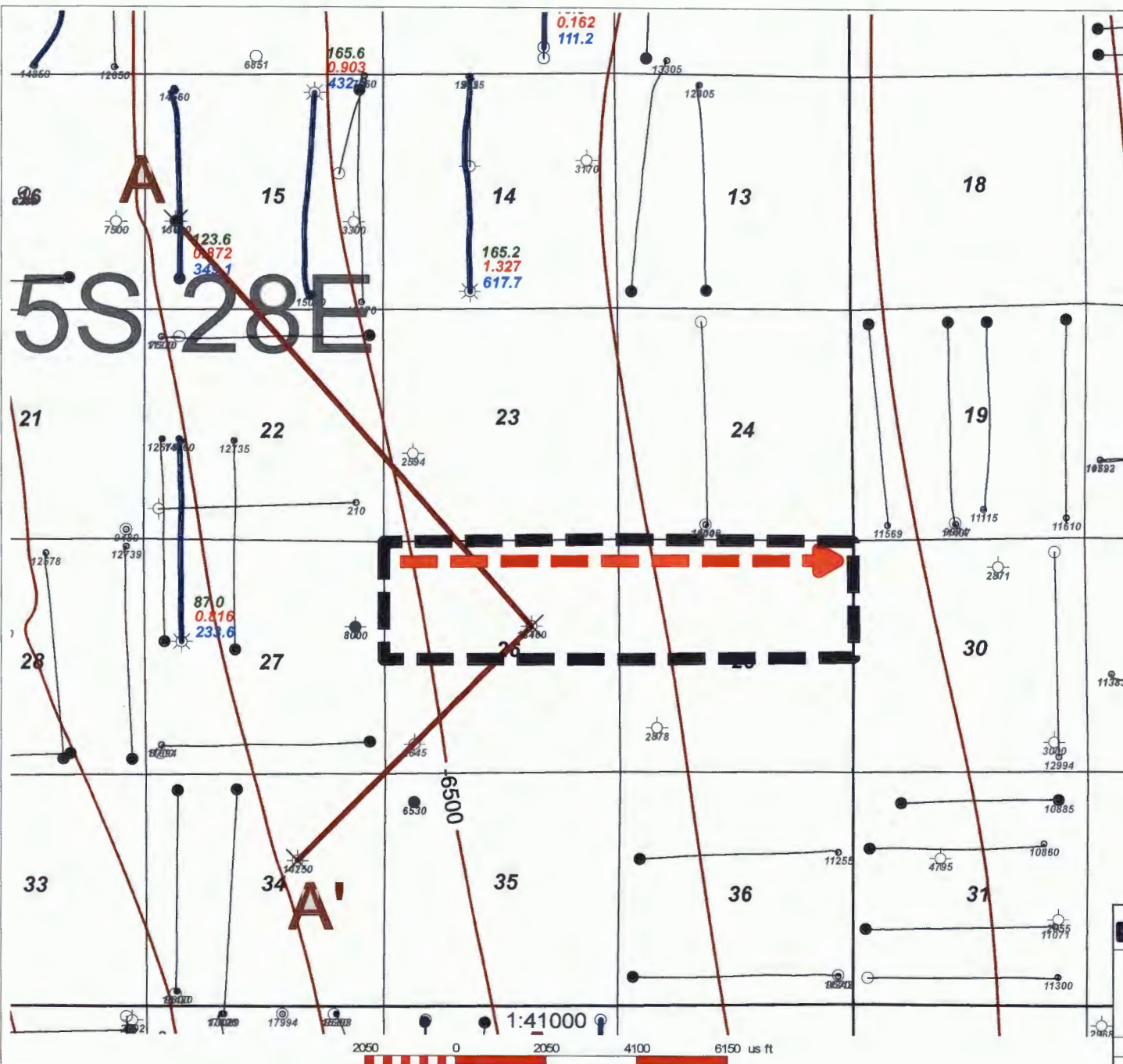


EXHIBIT 8



Oil Cum (MBO)
Gas Cum (BCF)
Water Cum (MBO)

Horizontal Activity Color Code

— Wolfcamp Sand

— Wolfcamp Shale

Mewbourne Oil Company		
Oxbow 26/25 WIDA Federal Com 2H Horizontal Activity Map Structure Top of WFMP (C.I. 100')		
2/15/17	Eddy County	New Mexico
Geol: C. Crowley		

A
N

A'
S

3001320470000
AMOCO PROD CO
STATE IGGACOM 1
Datum=2937.00
1980 FNL/1890 FVL
TWP: 25 S - Range: 28 E - Sec: 15

3001320470000
POGO PRODING CO
SAM FEDERAL 2
Datum=2937.00
1980 FNL/1890 FVL
TWP: 25 S - Range: 28 E - Sec: 26

3001320470000
MARBOB ENERGY CORP
GRAHAM CRACKER STAT 1
Datum=2937.00
1980 FNL/1890 FVL
TWP: 16 S - Range: 28 E - Sec: 35

15L

26G

34G

0 WFMP

WFMP SDs

WFMP A

WFMP B

-500

WFMP C

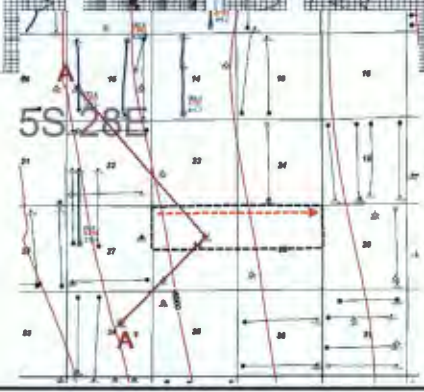
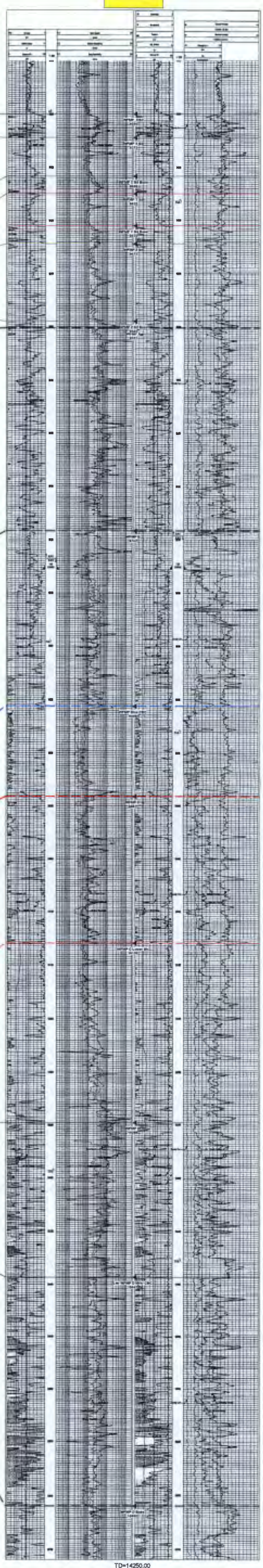
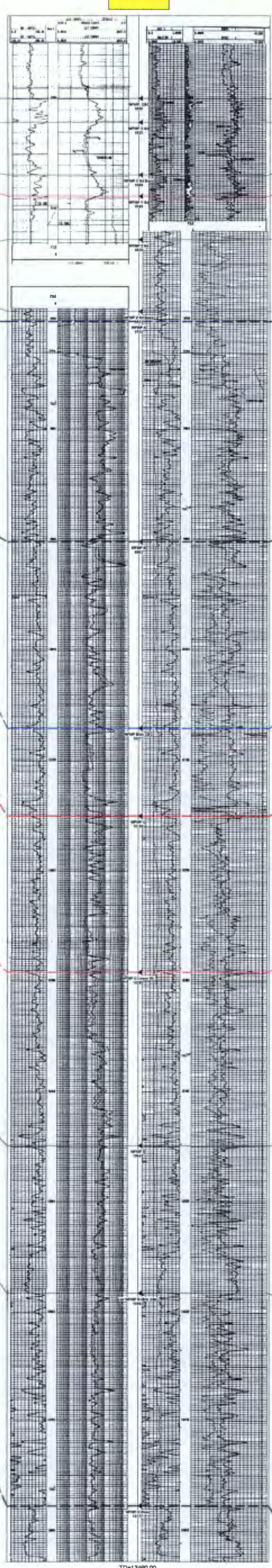
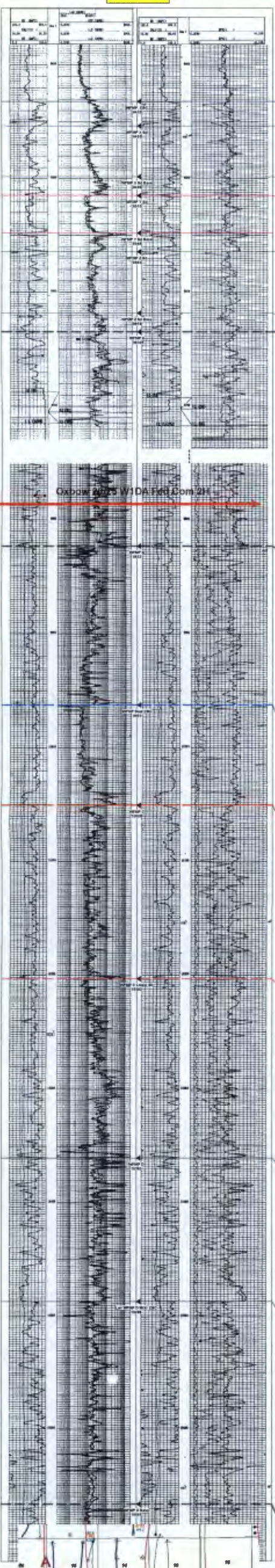
WFMP D

-1000

0

-500

-1000



TD=14250.00
Cum Oil All Zones: 63 bbls
Cum Gas All Zones: 146352 MCF
Cum Water All Zones: 3278 bbls

Oxbow 26/25 W1DA Federal Com 2H
Cross Section Exhibit (A-A')

EXHIBIT 9

Oxbow Area Wolfcamp Production Table

Well Name	Operator	API	Location	WFMP Comp Date	Cum Oil (Mbo)	Cum Gas (BCF)	Cum Water (Mbw)	NS/EW	WFMP Zone
San Lorenzo 15 DM Fee Com 1H	Mewbourne	3001540402	15DM/25S/28E	12/6/2012	123.6	0.8	349.1	NS	WFMP D Shale
San Lorenzo 15 OB Fee 1H	Mewbourne	3001540403	15OB/25S/28E	1/4/2014	165.6	0.9	432.5	NS	WFMP D Shale
San Lorenzo 22-27 LE Fee 2H	Mewbourne	3001541153	22LE/25S/28E	8/21/2013	87	0.8	233.6	NS	WFMP D Shale
San Lorenzo 9 OB Fee 1H	Mewbourne	3001541304	9OB/25S/28E	4/24/2014	181.5	1.3	506.3	NS	WFMP D Shale
Riverbend 14 Federal Com 2H	Cimarex	3001541589	14CN/25S/28E	7/22/2015	165.2	1.3	617.7	NS	WFMP D Shale
Hoss 2-11 W2BO Federal Com 1H	Mewbourne	3001544153	2BO/25S/28E	11/7/2017	55	0.4	244.5	NS	WFMP D Shale
Graham Cracker State 2H	COG	3001542282	2PA/26S/28E		Pending			NS	WFMP D Shale

EXHIBIT
10

Mewbourne Oil Company

SURVEY CALCULATION REPORT Minimum Curvature Calculations

Operator: Mewbourne Oil Company
Lease Name: Oxbow 26/25 WIDA Fed Com 1H
KOP 9251.04
SL: 440 FNL & 365 FWL Sec 26-25S-28E
BHL: 440 FNL & 330 FEL Sec 25-25S-28E

Target KBTVD: 9,824 Feet 9824.00
Target Angle: 89.00 Degrees 89.00
Section Plane: 89.79 Degrees
Declination Corrected to True North: 6.63 Degrees
Bit to Survey Offset: 44 Feet

Survey No.	Measured Depth-ft	Drift (Deg.)	Azimuth (Deg.)	Course Length	TVD (Feet)	Vertical Section	+N/-S (Feet)	+E/-W (Feet)	Closure Distance	Closure Direction	BUR	DLS	KBTVD	+Above -Below Target	DRIFT RADIANS	AZIMUTH (RADIANS)
T/I	9251.04	0.00	89.79	N/A	9251.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	9251.0	573.0	1E-12	1.57 #VALUE!
1	9340.04	8.90	89.79	88.999	9339.7	6.9	0.0	6.9	6.9	89.8	10.0	10.0	9339.6	484.4	0.15533	1.57 0.155332
2	9429.04	17.80	89.79	88.999	9426.2	27.4	0.1	27.4	27.4	89.8	10.0	10.0	9425.7	398.3	0.31066	1.57 0.155332
3	9518.04	26.70	89.79	88.999	9508.5	61.1	0.2	61.1	61.1	89.8	10.0	10.0	9507.4	316.6	0.466	1.57 0.155332
4	9607.04	35.60	89.79	88.999	9584.6	107.1	0.4	107.1	107.1	89.8	10.0	10.0	9582.7	241.3	0.62133	1.57 0.155332
5	9696.04	44.50	89.79	88.999	9652.6	164.3	0.6	164.3	164.3	89.8	10.0	10.0	9649.8	174.2	0.77666	1.57 0.155332
6	9785.03	53.40	89.79	88.999	9711.0	231.3	0.8	231.3	231.3	89.8	10.0	10.0	9707.0	117.0	0.93199	1.57 0.155332
7	9874.03	62.30	89.79	88.999	9758.3	306.6	1.1	306.6	306.6	89.8	10.0	10.0	9753.0	71.0	1.08732	1.57 0.155332
8	9963.03	71.20	89.79	88.999	9793.4	388.3	1.4	388.3	388.3	89.8	10.0	10.0	9786.6	37.4	1.24266	1.57 0.155332
9	10052.03	80.10	89.79	88.999	9815.5	474.4	1.7	474.4	474.4	89.8	10.0	10.0	9807.2	16.8	1.39799	1.57 0.155332
10	10141.03	89.00	89.79	88.999	9823.9	562.9	2.0	562.9	562.9	89.8	10.0	10.0	9814.1	9.9	1.55332	1.57 0.155332
11	10200.00	89.00	89.79	58.971	9824.9	621.9	2.3	621.9	621.9	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
12	10300.00	89.00	89.79	100	9826.7	721.9	2.6	721.9	721.9	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
13	10400.00	89.00	89.79	100	9828.4	821.9	3.0	821.9	821.9	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
14	10500.00	89.00	89.79	100	9830.2	921.9	3.3	921.9	921.9	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
15	10600.00	89.00	89.79	100	9831.9	1021.8	3.7	1021.8	1021.8	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
16	10700.00	89.00	89.79	100	9833.7	1121.8	4.1	1121.8	1121.8	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
17	10800.00	89.00	89.79	100	9835.4	1221.8	4.4	1221.8	1221.8	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
18	10900.00	89.00	89.79	100	9837.2	1321.8	4.8	1321.8	1321.8	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
19	11000.00	89.00	89.79	100	9838.9	1421.8	5.1	1421.8	1421.8	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
20	11100.00	89.00	89.79	100	9840.7	1521.8	5.5	1521.8	1521.8	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
21	11200.00	89.00	89.79	100	9842.4	1621.8	5.9	1621.7	1621.8	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
22	11300.00	89.00	89.79	100	9844.2	1721.7	6.2	1721.7	1721.7	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
23	11400.00	89.00	89.79	100	9845.9	1821.7	6.6	1821.7	1821.7	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
24	11500.00	89.00	89.79	100	9847.7	1921.7	7.0	1921.7	1921.7	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
25	11600.00	89.00	89.79	100	9849.4	2021.7	7.3	2021.7	2021.7	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
26	11700.00	89.00	89.79	100	9851.2	2121.7	7.7	2121.7	2121.7	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
27	11800.00	89.00	89.79	100	9852.9	2221.7	8.0	2221.6	2221.7	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
28	11900.00	89.00	89.79	100	9854.7	2321.6	8.4	2321.6	2321.6	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
29	12000.00	89.00	89.79	100	9856.4	2421.6	8.8	2421.6	2421.6	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
30	12100.00	89.00	89.79	100	9858.1	2521.6	9.1	2521.6	2521.6	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
31	12200.00	89.00	89.79	100	9859.9	2621.6	9.5	2621.6	2621.6	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
32	12300.00	89.00	89.79	100	9861.6	2721.6	9.8	2721.6	2721.6	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
33	12400.00	89.00	89.79	100	9863.4	2821.6	10.2	2821.6	2821.6	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
34	12500.00	89.00	89.79	100	9865.1	2921.6	10.6	2921.5	2921.6	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
35	12600.00	89.00	89.79	100	9866.9	3021.5	10.9	3021.5	3021.5	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
36	12700.00	89.00	89.79	100	9868.6	3121.5	11.3	3121.5	3121.5	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
37	12800.00	89.00	89.79	100	9870.4	3221.5	11.7	3221.5	3221.5	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
38	12900.00	89.00	89.79	100	9872.1	3321.5	12.0	3321.5	3321.5	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
39	13000.00	89.00	89.79	100	9873.9	3421.5	12.4	3421.5	3421.5	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
40	13100.00	89.00	89.79	100	9875.6	3521.5	12.7	3521.4	3521.5	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
41	13200.00	89.00	89.79	100	9877.4	3621.4	13.1	3621.4	3621.4	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
42	13300.00	89.00	89.79	100	9879.1	3721.4	13.5	3721.4	3721.4	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
43	13400.00	89.00	89.79	100	9880.9	3821.4	13.8	3821.4	3821.4	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
44	13500.00	89.00	89.79	100	9882.6	3921.4	14.2	3921.4	3921.4	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
45	13600.00	89.00	89.79	100	9884.4	4021.4	14.5	4021.4	4021.4	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
46	13700.00	89.00	89.79	100	9886.1	4121.4	14.9	4121.3	4121.4	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
47	13800.00	89.00	89.79	100	9887.9	4221.4	15.3	4221.3	4221.4	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
48	13900.00	89.00	89.79	100	9889.6	4321.3	15.6	4321.3	4321.3	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10
49	14000.00	89.00	89.79	100	9891.4	4421.3	16.0	4421.3	4421.3	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57 1E-10

EXHIBIT 11

50	14100.00	89.00	89.79	100	9893.1	4521.3	16.4	4521.3	4521.3	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
51	14200.00	89.00	89.79	100	9894.8	4621.3	16.7	4621.3	4621.3	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
52	14300.00	89.00	89.79	100	9896.6	4721.3	17.1	4721.3	4721.3	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
53	14400.00	89.00	89.79	100	9898.3	4821.3	17.4	4821.2	4821.3	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
54	14500.00	89.00	89.79	100	9900.1	4921.3	17.8	4921.2	4921.3	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
55	14600.00	89.00	89.79	100	9901.8	5021.2	18.2	5021.2	5021.2	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
56	14700.00	89.00	89.79	100	9903.6	5121.2	18.5	5121.2	5121.2	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
57	14800.00	89.00	89.79	100	9905.3	5221.2	18.9	5221.2	5221.2	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
58	14900.00	89.00	89.79	100	9907.1	5321.2	19.3	5321.2	5321.2	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
59	15000.00	89.00	89.79	100	9908.8	5421.2	19.6	5421.1	5421.2	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
60	15100.00	89.00	89.79	100	9910.6	5521.2	20.0	5521.1	5521.2	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
61	15200.00	89.00	89.79	100	9912.3	5621.1	20.3	5621.1	5621.1	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
62	15300.00	89.00	89.79	100	9914.1	5721.1	20.7	5721.1	5721.1	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
63	15400.00	89.00	89.79	100	9915.8	5821.1	21.1	5821.1	5821.1	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
64	15500.00	89.00	89.79	100	9917.6	5921.1	21.4	5921.1	5921.1	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
65	15600.00	89.00	89.79	100	9919.3	6021.1	21.8	6021.0	6021.1	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
66	15700.00	89.00	89.79	100	9921.1	6121.1	22.1	6121.0	6121.1	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
67	15800.00	89.00	89.79	100	9922.8	6221.1	22.5	6221.0	6221.1	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
68	15900.00	89.00	89.79	100	9924.6	6321.0	22.9	6321.0	6321.0	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
69	16000.00	89.00	89.79	100	9926.3	6421.0	23.2	6421.0	6421.0	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
70	16100.00	89.00	89.79	100	9928.1	6521.0	23.6	6521.0	6521.0	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
71	16200.00	89.00	89.79	100	9929.8	6621.0	24.0	6620.9	6621.0	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
72	16300.00	89.00	89.79	100	9931.5	6721.0	24.3	6720.9	6721.0	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
73	16400.00	89.00	89.79	100	9933.3	6821.0	24.7	6820.9	6821.0	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
74	16500.00	89.00	89.79	100	9935.0	6920.9	25.0	6920.9	6920.9	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
75	16600.00	89.00	89.79	100	9936.8	7020.9	25.4	7020.9	7020.9	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
76	16700.00	89.00	89.79	100	9938.5	7120.9	25.8	7120.9	7120.9	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
77	16800.00	89.00	89.79	100	9940.3	7220.9	26.1	7220.9	7220.9	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
78	16900.00	89.00	89.79	100	9942.0	7320.9	26.5	7320.8	7320.9	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
79	17000.00	89.00	89.79	100	9943.8	7420.9	26.8	7420.8	7420.9	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
80	17100.00	89.00	89.79	100	9945.5	7520.9	27.2	7520.8	7520.9	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
81	17200.00	89.00	89.79	100	9947.3	7620.8	27.6	7620.8	7620.8	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
82	17300.00	89.00	89.79	100	9949.0	7720.8	27.9	7720.8	7720.8	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
83	17400.00	89.00	89.79	100	9950.8	7820.8	28.3	7820.8	7820.8	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
84	17500.00	89.00	89.79	100	9952.5	7920.8	28.7	7920.7	7920.8	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
85	17600.00	89.00	89.79	100	9954.3	8020.8	29.0	8020.7	8020.8	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
86	17700.00	89.00	89.79	100	9956.0	8120.8	29.4	8120.7	8120.8	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
87	17800.00	89.00	89.79	100	9957.8	8220.7	29.7	8220.7	8220.7	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
88	17900.00	89.00	89.79	100	9959.5	8320.7	30.1	8320.7	8320.7	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
89	18000.00	89.00	89.79	100	9961.3	8420.7	30.5	8420.7	8420.7	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
90	18100.00	89.00	89.79	100	9963.0	8520.7	30.8	8520.6	8520.7	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
91	18200.00	89.00	89.79	100	9964.8	8620.7	31.2	8620.6	8620.7	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
92	18300.00	89.00	89.79	100	9966.5	8720.7	31.6	8720.6	8720.7	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
93	18400.00	89.00	89.79	100	9968.2	8820.7	31.9	8820.6	8820.7	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
94	18500.00	89.00	89.79	100	9970.0	8920.6	32.3	8920.6	8920.6	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
95	18600.00	89.00	89.79	100	9971.7	9020.6	32.6	9020.6	9020.6	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
96	18700.00	89.00	89.79	100	9973.5	9120.6	33.0	9120.5	9120.6	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
97	18800.00	89.00	89.79	100	9975.2	9220.6	33.4	9220.5	9220.6	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
98	18900.00	89.00	89.79	100	9977.0	9320.6	33.7	9320.5	9320.6	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
99	19000.00	89.00	89.79	100	9978.7	9420.6	34.1	9420.5	9420.6	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
100	19100.00	89.00	89.79	100	9980.5	9520.5	34.4	9520.5	9520.5	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
101	19200.00	89.00	89.79	100	9982.2	9620.5	34.8	9620.5	9620.5	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
102	19300.00	89.00	89.79	100	9984.0	9720.5	35.2	9720.5	9720.5	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
103	19400.00	89.00	89.79	100	9985.7	9820.5	35.5	9820.4	9820.5	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
104	19500.00	89.00	89.79	100	9987.5	9920.5	35.9	9920.4	9920.5	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
105	19533.84	89.00	89.79	33.839	9988.1	9954.3	36.0	9954.3	9954.3	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
106	19533.84	89.00	89.79	0	9988.1	9954.3	36.0	9954.3	9954.3	89.8	#####	#####	9814.1	9.9	1.55332	1.57	1E-10

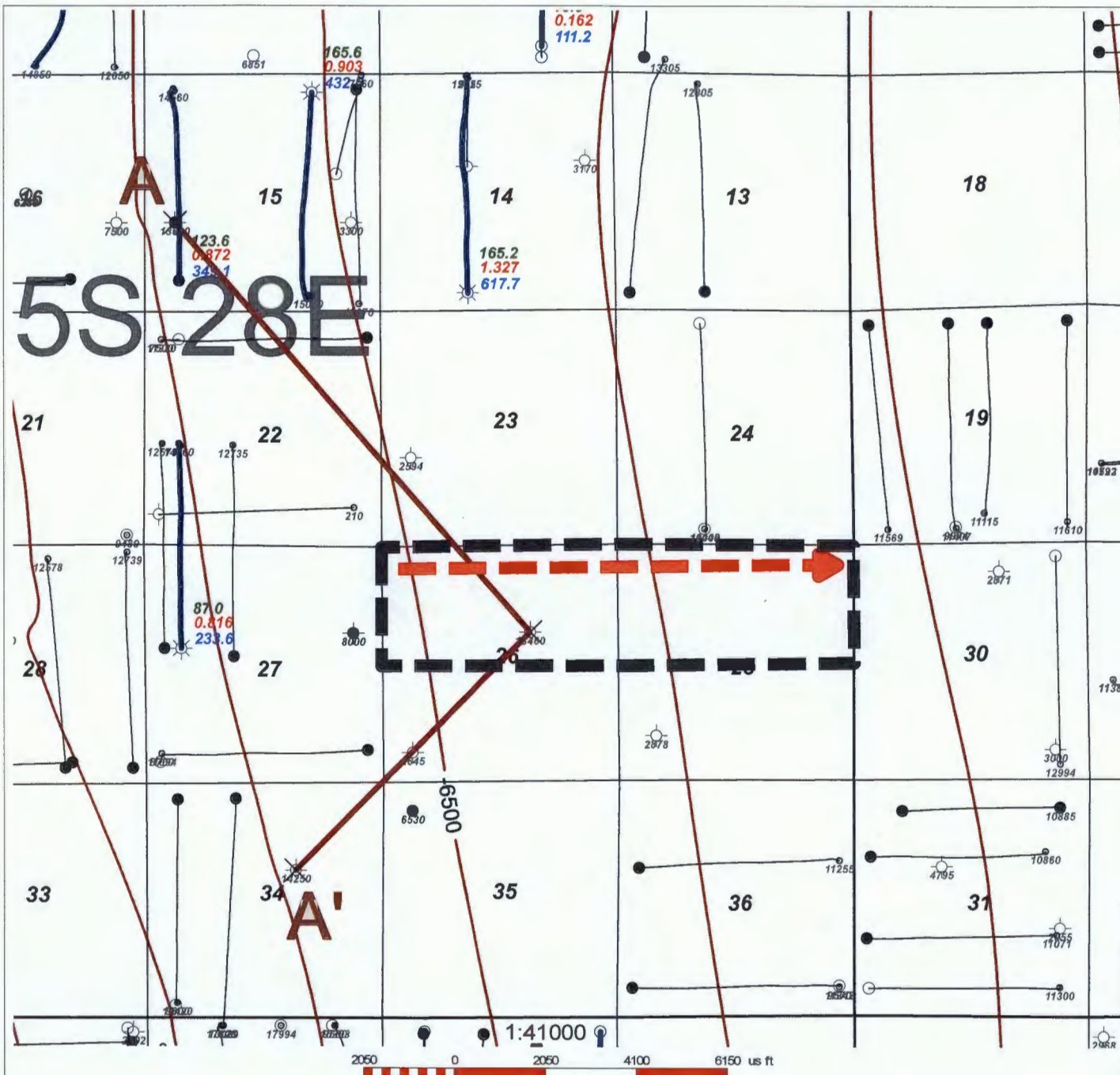


EXHIBIT 12



Horizontal Activity Color Code

- Wolfcamp Sand
- Wolfcamp Shale

Mewbourne Oil Company		
Oxbow 26/25 W2DA Federal Com 1H		
Horizontal Activity Map		
Structure Top of WFMP (C.I. 100')		
2/15/17	Eddy County	New Menton
		Geol: C. Crosby

A
N

30015230570000
AMOCO PROSD CO
STATE: IGGCOM T
Datum=3011.00
1980 FSL/660 FAL
TWP: 25 S - Range: 28 E - Sec: 15

12228 ft

30015240540000
PROSD PRODUCTIONS CO
SAM FEDERAL 2
Datum=2665.00
1980 FSL/1080 FAL
TWP: 25 S - Range: 28 E - Sec: 20

7550 ft

30015255000000
MARSH ENERGY CORP
GRAHAM CRACKER STAT 1
Datum=2637.00
1980 FSL/1080 FAL
TWP: 16 S - Range: 28 E - Sec: 20

A'
S

15L

26G

34G

0 WFMP

WFMP
SDs

WFMP A

WFMP B

-500

WFMP C

WFMP D

-1000

0

-500

-1000

Oxbow 26/25 W2DA Fed Com 1H

5S 28E

TD=13460.00

TD=14250.00
Cum Oil All Zones: 63 bbls
Cum Gas All Zones: 148352 MCF
Cum Water All Zones: 9278 bbls

Oxbow 26/25 W2DA Federal Com 1H
Cross Section Exhibit (A-A')

EXHIBIT

13

Oxbow Area Wolfcamp Production Table

Well Name	Operator	API	Location	WFMP Comp Date	Cum Oil (Mbo)	Cum Gas (BCF)	Cum Water (Mbw)	NS/EW	WFMP Zone
San Lorenzo 15 DM Fee Com 1H	Mewbourne	3001540402	15DM/25S/28E	12/6/2012	123.6	0.8	349.1	NS	WFMP D Shale
San Lorenzo 15OB Fee 1H	Mewbourne	3001540403	15OB/25S/28E	1/4/2014	165.6	0.9	432.5	NS	WFMP D Shale
San Lorenzo 22-27 LE Fee 2H	Mewbourne	3001541153	22LE/25S/28E	8/21/2013	87	0.8	233.6	NS	WFMP D Shale
San Lorenzo 9 OB Fee 1H	Mewbourne	3001541304	9OB/25S/28E	4/24/2014	181.5	1.3	506.3	NS	WFMP D Shale
Riverbend 14 Federal Com 2H	Cimarex	3001541589	14CN/25S/28E	7/22/2015	165.2	1.3	617.7	NS	WFMP D Shale
Hoss 2-11 W2BO Federal Com 1H	Mewbourne	3001544153	2BO/25S/28E	11/7/2017	55	0.4	244.5	NS	WFMP D Shale
Graham Cracker State 2H	COG	3001542282	2PA/26S/28E	Pending				NS	WFMP D Shale



53	15200.00	88.76	89.51	100	10767.9	4767.9	41.1	4767.8	4767.9	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
54	15300.00	88.76	89.51	100	10770.1	4867.9	42.0	4867.7	4867.9	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
55	15400.00	88.76	89.51	100	10772.2	4967.9	42.8	4967.7	4967.9	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
56	15500.00	88.76	89.51	100	10774.4	5067.9	43.7	5067.7	5067.9	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
57	15600.00	88.76	89.51	100	10776.5	5167.8	44.6	5167.6	5167.8	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
58	15700.00	88.76	89.51	100	10778.7	5267.8	45.4	5267.6	5267.8	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
59	15800.00	88.76	89.51	100	10780.9	5367.8	46.3	5367.6	5367.8	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
60	15900.00	88.76	89.51	100	10783.0	5467.8	47.2	5467.6	5467.8	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
61	16000.00	88.76	89.51	100	10785.2	5567.7	48.0	5567.5	5567.7	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
62	16100.00	88.76	89.51	100	10787.4	5667.7	48.9	5667.5	5667.7	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
63	16200.00	88.76	89.51	100	10789.5	5767.7	49.7	5767.5	5767.7	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
64	16300.00	88.76	89.51	100	10791.7	5867.7	50.6	5867.5	5867.7	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
65	16400.00	88.76	89.51	100	10793.9	5967.7	51.5	5967.4	5967.7	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
66	16500.00	88.76	89.51	100	10796.0	6067.6	52.3	6067.4	6067.6	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
67	16600.00	88.76	89.51	100	10798.2	6167.6	53.2	6167.4	6167.6	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
68	16700.00	88.76	89.51	100	10800.3	6267.6	54.1	6267.3	6267.6	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
69	16800.00	88.76	89.51	100	10802.5	6367.6	54.9	6367.3	6367.6	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
70	16900.00	88.76	89.51	100	10804.7	6467.5	55.8	6467.3	6467.5	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
71	17000.00	88.76	89.51	100	10806.8	6567.5	56.6	6567.3	6567.5	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
72	17100.00	88.76	89.51	100	10809.0	6667.5	57.5	6667.2	6667.5	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
73	17200.00	88.76	89.51	100	10811.2	6767.5	58.4	6767.2	6767.5	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
74	17300.00	88.76	89.51	100	10813.3	6867.4	59.2	6867.2	6867.4	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
75	17400.00	88.76	89.51	100	10815.5	6967.4	60.1	6967.2	6967.4	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
76	17500.00	88.76	89.51	100	10817.6	7067.4	61.0	7067.1	7067.4	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
77	17600.00	88.76	89.51	100	10819.8	7167.4	61.8	7167.1	7167.4	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
78	17700.00	88.76	89.51	100	10822.0	7267.3	62.7	7267.1	7267.3	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
79	17800.00	88.76	89.51	100	10824.1	7367.3	63.5	7367.0	7367.3	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
80	17900.00	88.76	89.51	100	10826.3	7467.3	64.4	7467.0	7467.3	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
81	18000.00	88.76	89.51	100	10828.5	7567.3	65.3	7567.0	7567.3	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
82	18100.00	88.76	89.51	100	10830.6	7667.3	66.1	7667.0	7667.3	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
83	18200.00	88.76	89.51	100	10832.8	7767.2	67.0	7766.9	7767.2	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
84	18300.00	88.76	89.51	100	10834.9	7867.2	67.8	7866.9	7867.2	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
85	18400.00	88.76	89.51	100	10837.1	7967.2	68.7	7966.9	7967.2	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
86	18500.00	88.76	89.51	100	10839.3	8067.2	69.6	8066.9	8067.2	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
87	18600.00	88.76	89.51	100	10841.4	8167.1	70.4	8166.8	8167.1	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
88	18700.00	88.76	89.51	100	10843.6	8267.1	71.3	8266.8	8267.1	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
89	18800.00	88.76	89.51	100	10845.8	8367.1	72.2	8366.8	8367.1	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
90	18900.00	88.76	89.51	100	10847.9	8467.1	73.0	8466.8	8467.1	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
91	19000.00	88.76	89.51	100	10850.1	8567.0	73.9	8566.7	8567.0	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
92	19100.00	88.76	89.51	100	10852.3	8667.0	74.7	8666.7	8667.0	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
93	19200.00	88.76	89.51	100	10854.4	8767.0	75.6	8766.7	8767.0	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
94	19300.00	88.76	89.51	100	10856.6	8867.0	76.5	8866.6	8867.0	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
95	19400.00	88.76	89.51	100	10858.7	8966.9	77.3	8966.6	8966.9	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
96	19500.00	88.76	89.51	100	10860.9	9066.9	78.2	9066.6	9066.9	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
97	19600.00	88.76	89.51	100	10863.1	9166.9	79.1	9166.6	9166.9	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
98	19700.00	88.76	89.51	100	10865.2	9266.9	79.9	9266.5	9266.9	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
99	19800.00	88.76	89.51	100	10867.4	9366.9	80.8	9366.5	9366.9	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
100	19900.00	88.76	89.51	100	10869.6	9466.8	81.6	9466.5	9466.8	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
101	20000.00	88.76	89.51	100	10871.7	9566.8	82.5	9566.5	9566.8	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
102	20100.00	88.76	89.51	100	10873.9	9666.8	83.4	9666.4	9666.8	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
103	20200.00	88.76	89.51	100	10876.0	9766.8	84.2	9766.4	9766.8	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
104	20300.00	88.76	89.51	100	10878.2	9866.7	85.1	9866.4	9866.7	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
105	20386.83	88.76	89.51	86.834	10880.1	9953.6	85.8	9953.2	9953.6	89.5	0.0	0.0	10664.7	12.3	1.5491644	1.56	1E-10
106	20386.83	88.76	89.51	0	10880.1	9953.6	85.8	9953.2	9953.6	89.5	#####	#####	10664.7	12.3	1.5491644	1.56	1E-10

50	14100.00	89.00	89.79	100	9893.1	4521.3	16.4	4521.3	4521.3	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
51	14200.00	89.00	89.79	100	9894.8	4621.3	16.7	4621.3	4621.3	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
52	14300.00	89.00	89.79	100	9896.6	4721.3	17.1	4721.3	4721.3	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
53	14400.00	89.00	89.79	100	9898.3	4821.3	17.4	4821.2	4821.3	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
54	14500.00	89.00	89.79	100	9900.1	4921.3	17.8	4921.2	4921.3	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
55	14600.00	89.00	89.79	100	9901.8	5021.2	18.2	5021.2	5021.2	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
56	14700.00	89.00	89.79	100	9903.6	5121.2	18.5	5121.2	5121.2	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
57	14800.00	89.00	89.79	100	9905.3	5221.2	18.9	5221.2	5221.2	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
58	14900.00	89.00	89.79	100	9907.1	5321.2	19.3	5321.2	5321.2	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
59	15000.00	89.00	89.79	100	9908.8	5421.2	19.6	5421.1	5421.2	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
60	15100.00	89.00	89.79	100	9910.6	5521.2	20.0	5521.1	5521.2	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
61	15200.00	89.00	89.79	100	9912.3	5621.1	20.3	5621.1	5621.1	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
62	15300.00	89.00	89.79	100	9914.1	5721.1	20.7	5721.1	5721.1	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
63	15400.00	89.00	89.79	100	9915.8	5821.1	21.1	5821.1	5821.1	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
64	15500.00	89.00	89.79	100	9917.6	5921.1	21.4	5921.1	5921.1	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
65	15600.00	89.00	89.79	100	9919.3	6021.1	21.8	6021.0	6021.1	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
66	15700.00	89.00	89.79	100	9921.1	6121.1	22.1	6121.0	6121.1	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
67	15800.00	89.00	89.79	100	9922.8	6221.1	22.5	6221.0	6221.1	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
68	15900.00	89.00	89.79	100	9924.6	6321.0	22.9	6321.0	6321.0	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
69	16000.00	89.00	89.79	100	9926.3	6421.0	23.2	6421.0	6421.0	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
70	16100.00	89.00	89.79	100	9928.1	6521.0	23.6	6521.0	6521.0	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
71	16200.00	89.00	89.79	100	9929.8	6621.0	24.0	6620.9	6621.0	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
72	16300.00	89.00	89.79	100	9931.5	6721.0	24.3	6720.9	6721.0	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
73	16400.00	89.00	89.79	100	9933.3	6821.0	24.7	6820.9	6821.0	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
74	16500.00	89.00	89.79	100	9935.0	6920.9	25.0	6920.9	6920.9	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
75	16600.00	89.00	89.79	100	9936.8	7020.9	25.4	7020.9	7020.9	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
76	16700.00	89.00	89.79	100	9938.5	7120.9	25.8	7120.9	7120.9	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
77	16800.00	89.00	89.79	100	9940.3	7220.9	26.1	7220.9	7220.9	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
78	16900.00	89.00	89.79	100	9942.0	7320.9	26.5	7320.8	7320.9	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
79	17000.00	89.00	89.79	100	9943.8	7420.9	26.8	7420.8	7420.9	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
80	17100.00	89.00	89.79	100	9945.5	7520.9	27.2	7520.8	7520.9	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
81	17200.00	89.00	89.79	100	9947.3	7620.8	27.6	7620.8	7620.8	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
82	17300.00	89.00	89.79	100	9949.0	7720.8	27.9	7720.8	7720.8	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
83	17400.00	89.00	89.79	100	9950.8	7820.8	28.3	7820.8	7820.8	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
84	17500.00	89.00	89.79	100	9952.5	7920.8	28.7	7920.7	7920.8	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
85	17600.00	89.00	89.79	100	9954.3	8020.8	29.0	8020.7	8020.8	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
86	17700.00	89.00	89.79	100	9956.0	8120.8	29.4	8120.7	8120.8	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
87	17800.00	89.00	89.79	100	9957.8	8220.7	29.7	8220.7	8220.7	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
88	17900.00	89.00	89.79	100	9959.5	8320.7	30.1	8320.7	8320.7	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
89	18000.00	89.00	89.79	100	9961.3	8420.7	30.5	8420.7	8420.7	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
90	18100.00	89.00	89.79	100	9963.0	8520.7	30.8	8520.6	8520.7	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
91	18200.00	89.00	89.79	100	9964.8	8620.7	31.2	8620.6	8620.7	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
92	18300.00	89.00	89.79	100	9966.5	8720.7	31.6	8720.6	8720.7	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
93	18400.00	89.00	89.79	100	9968.2	8820.7	31.9	8820.6	8820.7	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
94	18500.00	89.00	89.79	100	9970.0	8920.6	32.3	8920.6	8920.6	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
95	18600.00	89.00	89.79	100	9971.7	9020.6	32.6	9020.6	9020.6	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
96	18700.00	89.00	89.79	100	9973.5	9120.6	33.0	9120.5	9120.6	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
97	18800.00	89.00	89.79	100	9975.2	9220.6	33.4	9220.5	9220.6	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
98	18900.00	89.00	89.79	100	9977.0	9320.6	33.7	9320.5	9320.6	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
99	19000.00	89.00	89.79	100	9978.7	9420.6	34.1	9420.5	9420.6	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
100	19100.00	89.00	89.79	100	9980.5	9520.5	34.4	9520.5	9520.5	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
101	19200.00	89.00	89.79	100	9982.2	9620.5	34.8	9620.5	9620.5	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
102	19300.00	89.00	89.79	100	9984.0	9720.5	35.2	9720.5	9720.5	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
103	19400.00	89.00	89.79	100	9985.7	9820.5	35.5	9820.4	9820.5	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
104	19500.00	89.00	89.79	100	9987.5	9920.5	35.9	9920.4	9920.5	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
105	19533.84	89.00	89.79	33.839	9988.1	9954.3	36.0	9954.3	9954.3	89.8	0.0	0.0	9814.1	9.9	1.55332	1.57	1E-10
106	19533.84	89.00	89.79	0	9988.1	9954.3	36.0	9954.3	9954.3	89.8	#####	#####	9814.1	9.9	1.55332	1.57	1E-10