

CASE NO. 24573

**APPLICATION OF MEWBOURNE OIL COMPANY
FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO**

EXHIBIT LIST

PART II

3. Geologist's Affidavit
 - 3-A: Structure Map
 - 3-B: Cross-Section
 - 3-C: Horizontal Drilling Plan
4. Affidavit of Mailing
 - 4-A: Notice Letter
 - 4-B: Certified Notice Spreadsheet
5. Affidavit of Publication
6. Application and Proposed Notice

Wolfcamp Sand in this area. The target zone in the sand is continuous and uniformly thick across the well unit.

5. I conclude from the maps that:


- (a) The horizontal spacing units are justified from a geologic standpoint.
- (b) The target zone is continuous and of relatively uniform thickness across the well units.
- (c) Each quarter-quarter section in a well unit will contribute more or less equally to production.
- (d) There is no faulting or other geologic impediment in the area which will affect the drilling of the subject wells.

6. Exhibit 3-A showthat the Wolfcamp Sand wells nearest the proposed wells are overwhelmingly laydown wells. Mewbourne believes laydown well units are reasonable.

7. Exhibit 3-C contains Survey Calculation Reports for the proposed wells. The producing intervals of the wells will be orthodox.

I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 7 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

6/19/24
Date


Charles Crosby

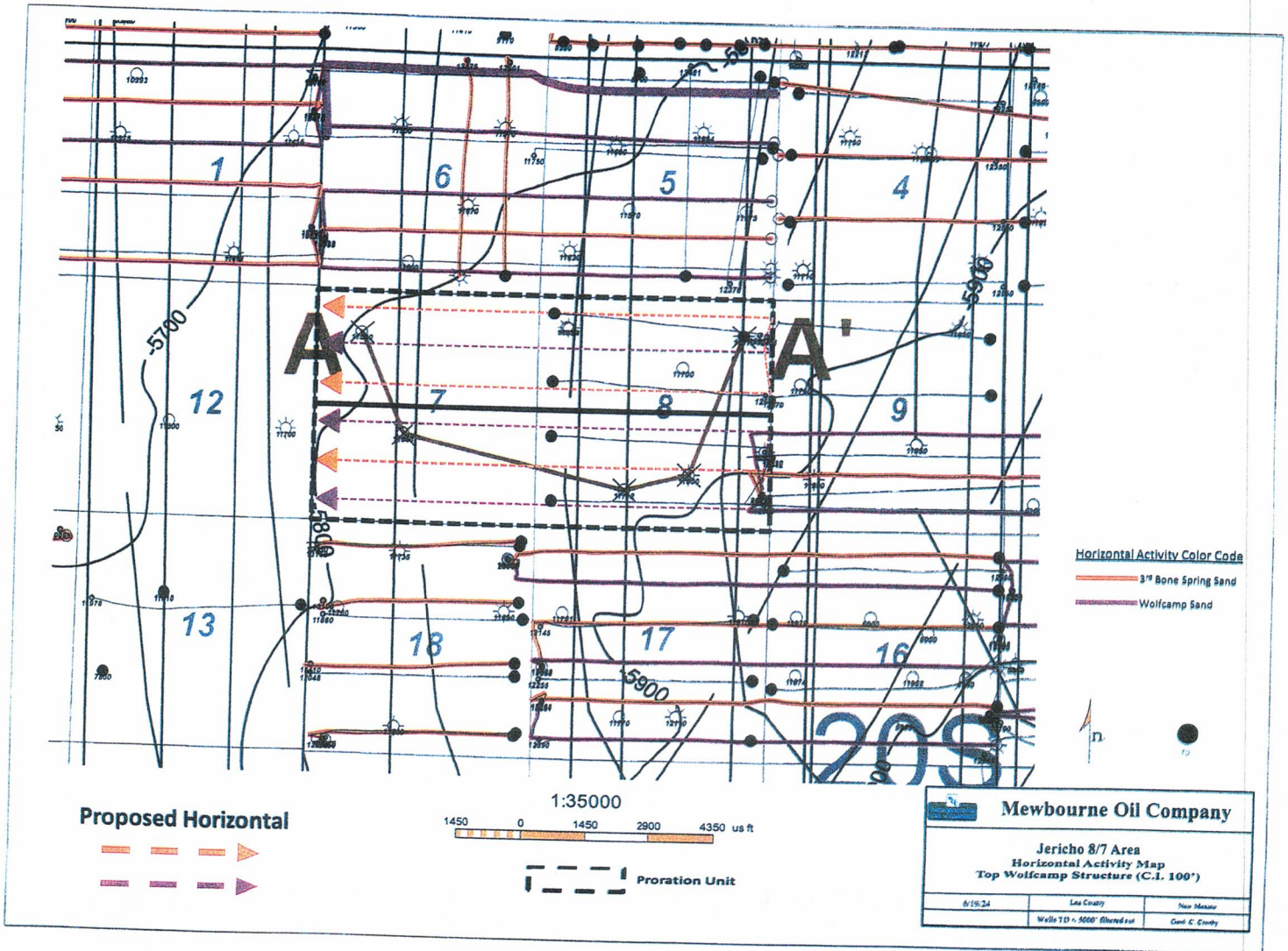


EXHIBIT 3-A

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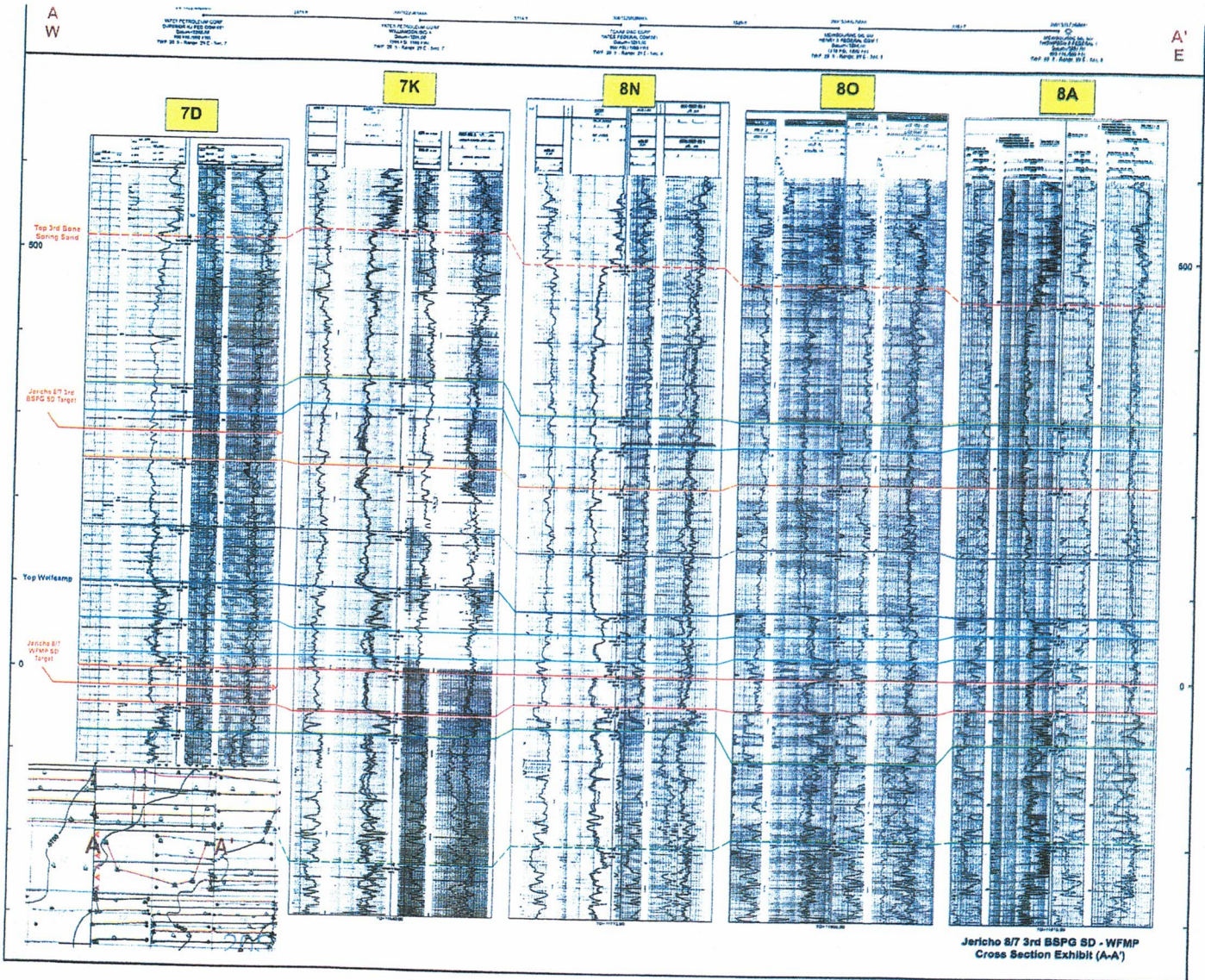


EXHIBIT 3.B

5

Mewbourne Oil Company

SURVEY CALCULATION REPORT
Minimum Curvature Calculations

Operator: Mewbourne Oil Company
Lease Name: Jericho 8/7 Fed Com 712H
KOP 8723.04
SL: 1140 FNL & 210 FEL; Sec 8A/20S/29E
PBHL: 1310 FNL & 100 FWL; Sec 7C/20S/29E

Target KBTVD: 9,296 Feet 9296.00
Target Angle: 90.39 Degrees 90.39
Section Plane: 269.02 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		AZIMUTH (RADIAN)
														-Below Target	DRIFT (RADIAN)	
T/I	8723.04	0.00	269.02	N/A	8723.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	8723.0	573.0	1E-12	4.70 #VALUE!
1	8813.43	9.04	269.02	90.391	8813.1	7.1	-0.1	-7.1	7.1	269.0	10.0	10.0	8813.1	482.9	0.1577625	4.70 0.1577625
2	8903.82	18.08	269.02	90.391	8900.8	28.3	-0.5	-28.3	28.3	269.0	10.0	10.0	8901.0	395.0	0.3155251	4.70 0.1577625
3	8994.22	27.12	269.02	90.391	8984.2	63.0	-1.1	-63.0	63.0	269.0	10.0	10.0	8984.6	311.4	0.4732876	4.70 0.1577625
4	9084.61	36.16	269.02	90.391	9061.1	110.3	-1.9	-110.3	110.3	269.0	10.0	10.0	9061.8	234.2	0.6310502	4.70 0.1577625
5	9175.00	45.20	269.02	90.391	9129.6	169.2	-2.9	-169.2	169.2	269.0	10.0	10.0	9130.7	165.3	0.7888127	4.70 0.1577625
6	9265.39	54.23	269.02	90.391	9188.0	238.1	-4.1	-238.0	238.1	269.0	10.0	10.0	9189.6	106.4	0.9465752	4.70 0.1577625
7	9355.78	63.27	269.02	90.391	9234.8	315.3	-5.4	-315.2	315.3	269.0	10.0	10.0	9236.9	59.1	1.1043378	4.70 0.1577625
8	9446.17	72.31	269.02	90.391	9268.9	398.9	-6.8	-398.8	398.9	269.0	10.0	10.0	9271.6	24.4	1.2621003	4.70 0.1577625
9	9536.56	81.35	269.02	90.391	9289.5	486.8	-8.3	-486.7	486.8	269.0	10.0	10.0	9292.8	3.2	1.4198628	4.70 0.1577625
10	9626.95	90.39	269.02	90.391	9296.0	576.9	-9.8	-576.8	576.9	269.0	10.0	10.0	9299.9	-3.9	1.5776254	4.70 0.1577625
11	9700.00	90.39	269.02	73.045	9295.5	649.9	-11.1	-649.8	649.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
12	9800.00	90.39	269.02	100	9294.8	749.9	-12.8	-749.8	749.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
13	9900.00	90.39	269.02	100	9294.1	849.9	-14.5	-849.8	849.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
14	10000.00	90.39	269.02	100	9293.4	949.9	-16.2	-949.8	949.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
15	10100.00	90.39	269.02	100	9292.8	1049.9	-17.9	-1049.8	1049.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
16	10200.00	90.39	269.02	100	9292.1	1149.9	-19.6	-1149.7	1149.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
17	10300.00	90.39	269.02	100	9291.4	1249.9	-21.3	-1249.7	1249.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
18	10400.00	90.39	269.02	100	9290.7	1349.9	-23.0	-1349.7	1349.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
19	10500.00	90.39	269.02	100	9290.0	1449.9	-24.7	-1449.7	1449.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
20	10600.00	90.39	269.02	100	9289.3	1549.9	-26.4	-1549.7	1549.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
21	10700.00	90.39	269.02	100	9288.7	1649.9	-28.1	-1649.7	1649.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
22	10800.00	90.39	269.02	100	9288.0	1749.9	-29.8	-1749.6	1749.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
23	10900.00	90.39	269.02	100	9287.3	1849.9	-31.5	-1849.6	1849.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
24	11000.00	90.39	269.02	100	9286.6	1949.9	-33.2	-1949.6	1949.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
25	11100.00	90.39	269.02	100	9285.9	2049.9	-34.9	-2049.6	2049.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
26	11200.00	90.39	269.02	100	9285.2	2149.9	-36.7	-2149.6	2149.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
27	11300.00	90.39	269.02	100	9284.6	2249.9	-38.4	-2249.5	2249.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
28	11400.00	90.39	269.02	100	9283.9	2349.9	-40.1	-2349.5	2349.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
29	11500.00	90.39	269.02	100	9283.2	2449.9	-41.8	-2449.5	2449.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
30	11600.00	90.39	269.02	100	9282.5	2549.9	-43.5	-2549.5	2549.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
31	11700.00	90.39	269.02	100	9281.8	2649.9	-45.2	-2649.5	2649.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
32	11800.00	90.39	269.02	100	9281.1	2749.9	-46.9	-2749.5	2749.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
33	11900.00	90.39	269.02	100	9280.5	2849.9	-48.6	-2849.4	2849.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
34	12000.00	90.39	269.02	100	9279.8	2949.9	-50.3	-2949.4	2949.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
35	12100.00	90.39	269.02	100	9279.1	3049.9	-52.0	-3049.4	3049.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
36	12200.00	90.39	269.02	100	9278.4	3149.9	-53.7	-3149.4	3149.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
37	12300.00	90.39	269.02	100	9277.7	3249.9	-55.4	-3249.4	3249.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
38	12400.00	90.39	269.02	100	9277.0	3349.9	-57.1	-3349.4	3349.9	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
39	12500.00	90.39	269.02	100	9276.4	3449.8	-58.8	-3449.3	3449.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
40	12600.00	90.39	269.02	100	9275.7	3549.8	-60.5	-3549.3	3549.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
41	12700.00	90.39	269.02	100	9275.0	3649.8	-62.2	-3649.3	3649.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
42	12800.00	90.39	269.02	100	9274.3	3749.8	-63.9	-3749.3	3749.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
43	12900.00	90.39	269.02	100	9273.6	3849.8	-65.6	-3849.3	3849.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
44	13000.00	90.39	269.02	100	9273.0	3949.8	-67.3	-3949.3	3949.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
45	13100.00	90.39	269.02	100	9272.3	4049.8	-69.0	-4049.2	4049.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
46	13200.00	90.39	269.02	100	9271.6	4149.8	-70.7	-4149.2	4149.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
47	13300.00	90.39	269.02	100	9270.9	4249.8	-72.5	-4249.2	4249.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
48	13400.00	90.39	269.02	100	9270.2	4349.8	-74.2	-4349.2	4349.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
49	13500.00	90.39	269.02	100	9269.5	4449.8	-75.9	-4449.2	4449.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
50	13600.00	90.39	269.02	100	9268.9	4549.8	-77.6	-4549.2	4549.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
51	13700.00	90.39	269.02	100	9268.2	4649.8	-79.3	-4649.1	4649.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
52	13800.00	90.39	269.02	100	9267.5	4749.8	-81.0	-4749.1	4749.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
53	13900.00	90.39	269.02	100	9266.8	4849.8	-82.7	-4849.1	4849.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
54	14000.00	90.39	269.02	100	9266.1	4949.8	-84.4	-4949.1	4949.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
55	14100.00	90.39	269.02	100	9265.4	5049.8	-86.1	-5049.1	5049.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10
56	14200.00	90.39	269.02	100	9264.8	5149.8	-87.8	-5149.1	5149.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70 1E-10

EXHIBIT 3.C

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57	14300.00	90.39	269.02	100	9264.1	5249.8	-89.5	-5249.0	5249.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
58	14400.00	90.39	269.02	100	9263.4	5349.8	-91.2	-5349.0	5349.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
59	14500.00	90.39	269.02	100	9262.7	5449.8	-92.9	-5449.0	5449.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
60	14600.00	90.39	269.02	100	9262.0	5549.8	-94.6	-5549.0	5549.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
61	14700.00	90.39	269.02	100	9261.3	5649.8	-96.3	-5649.0	5649.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
62	14800.00	90.39	269.02	100	9260.7	5749.8	-98.0	-5749.0	5749.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
63	14900.00	90.39	269.02	100	9260.0	5849.8	-99.7	-5848.9	5849.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
64	15000.00	90.39	269.02	100	9259.3	5949.8	-101.4	-5948.9	5949.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
65	15100.00	90.39	269.02	100	9258.6	6049.8	-103.1	-6048.9	6049.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
66	15200.00	90.39	269.02	100	9257.9	6149.8	-104.8	-6148.9	6149.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
67	15300.00	90.39	269.02	100	9257.2	6249.8	-106.5	-6248.9	6249.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
68	15400.00	90.39	269.02	100	9256.6	6349.8	-108.3	-6348.9	6349.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
69	15500.00	90.39	269.02	100	9255.9	6449.8	-110.0	-6448.8	6449.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
70	15600.00	90.39	269.02	100	9255.2	6549.8	-111.7	-6548.8	6549.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
71	15700.00	90.39	269.02	100	9254.5	6649.8	-113.4	-6648.8	6649.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
72	15800.00	90.39	269.02	100	9253.8	6749.8	-115.1	-6748.8	6749.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
73	15900.00	90.39	269.02	100	9253.1	6849.8	-116.8	-6848.8	6849.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
74	16000.00	90.39	269.02	100	9252.5	6949.8	-118.5	-6948.8	6949.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
75	16100.00	90.39	269.02	100	9251.8	7049.8	-120.2	-7048.7	7049.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
76	16200.00	90.39	269.02	100	9251.1	7149.8	-121.9	-7148.7	7149.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
77	16300.00	90.39	269.02	100	9250.4	7249.8	-123.6	-7248.7	7249.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
78	16400.00	90.39	269.02	100	9249.7	7349.8	-125.3	-7348.7	7349.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
79	16500.00	90.39	269.02	100	9249.1	7449.8	-127.0	-7448.7	7449.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
80	16600.00	90.39	269.02	100	9248.4	7549.8	-128.7	-7548.7	7549.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
81	16700.00	90.39	269.02	100	9247.7	7649.8	-130.4	-7648.6	7649.8	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
82	16800.00	90.39	269.02	100	9247.0	7749.7	-132.1	-7748.6	7749.7	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
83	16900.00	90.39	269.02	100	9246.3	7849.7	-133.8	-7848.6	7849.7	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
84	17000.00	90.39	269.02	100	9245.6	7949.7	-135.5	-7948.6	7949.7	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
85	17100.00	90.39	269.02	100	9245.0	8049.7	-137.2	-8048.6	8049.7	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
86	17200.00	90.39	269.02	100	9244.3	8149.7	-138.9	-8148.6	8149.7	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
87	17300.00	90.39	269.02	100	9243.6	8249.7	-140.6	-8248.5	8249.7	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
88	17400.00	90.39	269.02	100	9242.9	8349.7	-142.4	-8348.5	8349.7	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
89	17500.00	90.39	269.02	100	9242.2	8449.7	-144.1	-8448.5	8449.7	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
90	17600.00	90.39	269.02	100	9241.5	8549.7	-145.8	-8548.5	8549.7	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
91	17700.00	90.39	269.02	100	9240.9	8649.7	-147.5	-8648.5	8649.7	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
92	17800.00	90.39	269.02	100	9240.2	8749.7	-149.2	-8748.5	8749.7	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
93	17900.00	90.39	269.02	100	9239.5	8849.7	-150.9	-8848.4	8849.7	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
94	18000.00	90.39	269.02	100	9238.8	8949.7	-152.6	-8948.4	8949.7	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
95	18100.00	90.39	269.02	100	9238.1	9049.7	-154.3	-9048.4	9049.7	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
96	18200.00	90.39	269.02	100	9237.4	9149.7	-156.0	-9148.4	9149.7	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
97	18300.00	90.39	269.02	100	9236.8	9249.7	-157.7	-9248.4	9249.7	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
98	18400.00	90.39	269.02	100	9236.1	9349.7	-159.4	-9348.4	9349.7	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
99	18500.00	90.39	269.02	100	9235.4	9449.7	-161.1	-9448.3	9449.7	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
100	18600.00	90.39	269.02	100	9234.7	9549.7	-162.8	-9548.3	9549.7	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
101	18700.00	90.39	269.02	100	9234.0	9649.7	-164.5	-9648.3	9649.7	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
102	18800.00	90.39	269.02	100	9233.3	9749.7	-166.2	-9748.3	9749.7	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
103	18900.00	90.39	269.02	100	9232.7	9849.7	-167.9	-9848.3	9849.7	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
104	18994.61	90.39	269.02	94.61	9232.0	9944.3	-169.5	-9942.9	9944.3	269.0	0.0	0.0	9299.9	-3.9	1.5776254	4.70	1E-10
105	18994.61	90.39	269.02	0	9232.0	9944.3	-169.5	-9942.9	9944.3	269.0	#####	#####	9299.9	-3.9	1.5776254	4.70	1E-10
106	18994.61	90.39	269.02	0	9232.0	9944.3	-169.5	-9942.9	9944.3	269.0	#####	#####	9299.9	-3.9	1.5776254	4.70	1E-10

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Mewbourne Oil Company

SURVEY CALCULATION REPORT
Minimum Curvature Calculations

Operator: Mewbourne Oil Company
Lease Name: Jericho 8/7 Fed Com 715H
KOP 8721.04
SL: 1050 FSL & 210 FEL; Sec 8P/20S/29E
PBHL: 2200 FSL & 100 FWL; Sec 7L/20S/29E

Target KBTVD: 9,294 Feet 9294.00
Target Angle: 90.35 Degrees 90.35
Section Plane: 276.80 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		AZIMUTH (RADIAN)
														-Below Target	DRIFT (RADIAN)	
T/I	8721.04	0.00	276.80	N/A	8721.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	8721.0	573.0	1E-12	4.83 #VALUE!
1	8811.39	9.04	276.80	90.351	8811.0	7.1	0.8	-7.1	7.1	276.8	10.0	10.0	8811.1	482.9	0.1576926	4.83 0.1576926
2	8901.74	18.07	276.80	90.351	8898.8	28.3	3.3	-28.1	28.3	276.8	10.0	10.0	8898.9	395.1	0.3153851	4.83 0.1576926
3	8992.10	27.11	276.80	90.351	8982.1	62.9	7.4	-62.5	62.9	276.8	10.0	10.0	8982.5	311.5	0.4730777	4.83 0.1576926
4	9082.45	36.14	276.80	90.351	9059.0	110.3	13.1	-109.5	110.3	276.8	10.0	10.0	9059.6	234.4	0.6307702	4.83 0.1576926
5	9172.80	45.18	276.80	90.351	9127.4	169.1	20.0	-167.9	169.1	276.8	10.0	10.0	9128.5	165.5	0.7884628	4.83 0.1576926
6	9263.15	54.21	276.80	90.351	9185.8	237.9	28.2	-236.2	237.9	276.8	10.0	10.0	9187.3	106.7	0.9461553	4.83 0.1576926
7	9353.50	63.25	276.80	90.351	9232.7	315.0	37.3	-312.8	315.0	276.8	10.0	10.0	9234.6	59.4	1.1038479	4.83 0.1576926
8	9443.85	72.28	276.80	90.351	9266.8	398.6	47.2	-395.8	398.6	276.8	10.0	10.0	9269.3	24.7	1.2615404	4.83 0.1576926
9	9534.20	81.32	276.80	90.351	9287.4	486.5	57.6	-483.0	486.5	276.8	10.0	10.0	9290.4	3.6	1.419233	4.83 0.1576926
10	9624.55	90.35	276.80	90.351	9294.0	576.5	68.2	-572.4	576.5	276.8	10.0	10.0	9297.5	-3.5	1.5769255	4.83 0.1576926
11	9700.00	90.35	276.80	75.446	9293.5	651.9	77.2	-647.3	651.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
12	9800.00	90.35	276.80	100	9292.9	751.9	89.0	-746.6	751.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
13	9900.00	90.35	276.80	100	9292.3	851.9	100.8	-845.9	851.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
14	10000.00	90.35	276.80	100	9291.7	951.9	112.7	-945.2	951.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
15	10100.00	90.35	276.80	100	9291.1	1051.9	124.5	-1044.5	1051.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
16	10200.00	90.35	276.80	100	9290.5	1151.9	136.3	-1143.8	1151.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
17	10300.00	90.35	276.80	100	9289.8	1251.9	148.2	-1243.1	1251.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
18	10400.00	90.35	276.80	100	9289.2	1351.9	160.0	-1342.4	1351.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
19	10500.00	90.35	276.80	100	9288.6	1451.9	171.9	-1441.7	1451.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
20	10600.00	90.35	276.80	100	9288.0	1551.9	183.7	-1541.0	1551.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
21	10700.00	90.35	276.80	100	9287.4	1651.9	195.5	-1640.3	1651.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
22	10800.00	90.35	276.80	100	9286.8	1751.9	207.4	-1739.6	1751.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
23	10900.00	90.35	276.80	100	9286.2	1851.9	219.2	-1838.9	1851.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
24	11000.00	90.35	276.80	100	9285.6	1951.9	231.0	-1938.2	1951.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
25	11100.00	90.35	276.80	100	9284.9	2051.9	242.9	-2037.5	2051.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
26	11200.00	90.35	276.80	100	9284.3	2151.9	254.7	-2136.8	2151.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
27	11300.00	90.35	276.80	100	9283.7	2251.9	266.5	-2236.1	2251.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
28	11400.00	90.35	276.80	100	9283.1	2351.9	278.4	-2335.3	2351.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
29	11500.00	90.35	276.80	100	9282.5	2451.9	290.2	-2434.6	2451.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
30	11600.00	90.35	276.80	100	9281.9	2551.9	302.1	-2533.9	2551.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
31	11700.00	90.35	276.80	100	9281.3	2651.9	313.9	-2633.2	2651.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
32	11800.00	90.35	276.80	100	9280.7	2751.9	325.7	-2732.5	2751.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
33	11900.00	90.35	276.80	100	9280.0	2851.9	337.6	-2831.8	2851.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
34	12000.00	90.35	276.80	100	9279.4	2951.9	349.4	-2931.1	2951.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
35	12100.00	90.35	276.80	100	9278.8	3051.9	361.2	-3030.4	3051.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
36	12200.00	90.35	276.80	100	9278.2	3151.9	373.1	-3129.7	3151.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
37	12300.00	90.35	276.80	100	9277.6	3251.9	384.9	-3229.0	3251.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
38	12400.00	90.35	276.80	100	9277.0	3351.9	396.7	-3328.3	3351.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
39	12500.00	90.35	276.80	100	9276.4	3451.9	408.6	-3427.6	3451.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
40	12600.00	90.35	276.80	100	9275.8	3551.9	420.4	-3526.9	3551.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
41	12700.00	90.35	276.80	100	9275.1	3651.9	432.3	-3626.2	3651.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
42	12800.00	90.35	276.80	100	9274.5	3751.9	444.1	-3725.5	3751.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
43	12900.00	90.35	276.80	100	9273.9	3851.9	455.9	-3824.8	3851.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
44	13000.00	90.35	276.80	100	9273.3	3951.9	467.8	-3924.1	3951.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
45	13100.00	90.35	276.80	100	9272.7	4051.9	479.6	-4023.4	4051.9	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
46	13200.00	90.35	276.80	100	9272.1	4151.8	491.4	-4122.7	4151.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
47	13300.00	90.35	276.80	100	9271.5	4251.8	503.3	-4222.0	4251.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
48	13400.00	90.35	276.80	100	9270.8	4351.8	515.1	-4321.3	4351.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
49	13500.00	90.35	276.80	100	9270.2	4451.8	526.9	-4420.5	4451.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
50	13600.00	90.35	276.80	100	9269.6	4551.8	538.8	-4519.8	4551.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
51	13700.00	90.35	276.80	100	9269.0	4651.8	550.6	-4619.1	4651.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
52	13800.00	90.35	276.80	100	9268.4	4751.8	562.5	-4718.4	4751.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
53	13900.00	90.35	276.80	100	9267.8	4851.8	574.3	-4817.7	4851.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
54	14000.00	90.35	276.80	100	9267.2	4951.8	586.1	-4917.0	4951.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
55	14100.00	90.35	276.80	100	9266.6	5051.8	598.0	-5016.3	5051.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10
56	14200.00	90.35	276.80	100	9265.9	5151.8	609.8	-5115.6	5151.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83 1E-10

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57	14300.00	90.35	276.80	100	9265.3	5251.8	621.6	-5214.9	5251.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
58	14400.00	90.35	276.80	100	9264.7	5351.8	633.5	-5314.2	5351.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
59	14500.00	90.35	276.80	100	9264.1	5451.8	645.3	-5413.5	5451.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
60	14600.00	90.35	276.80	100	9263.5	5551.8	657.1	-5512.8	5551.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
61	14700.00	90.35	276.80	100	9262.9	5651.8	669.0	-5612.1	5651.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
62	14800.00	90.35	276.80	100	9262.3	5751.8	680.8	-5711.4	5751.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
63	14900.00	90.35	276.80	100	9261.7	5851.8	692.7	-5810.7	5851.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
64	15000.00	90.35	276.80	100	9261.0	5951.8	704.5	-5910.0	5951.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
65	15100.00	90.35	276.80	100	9260.4	6051.8	716.3	-6009.3	6051.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
66	15200.00	90.35	276.80	100	9259.8	6151.8	728.2	-6108.6	6151.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
67	15300.00	90.35	276.80	100	9259.2	6251.8	740.0	-6207.9	6251.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
68	15400.00	90.35	276.80	100	9258.6	6351.8	751.8	-6307.2	6351.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
69	15500.00	90.35	276.80	100	9258.0	6451.8	763.7	-6406.4	6451.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
70	15600.00	90.35	276.80	100	9257.4	6551.8	775.5	-6505.7	6551.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
71	15700.00	90.35	276.80	100	9256.8	6651.8	787.3	-6605.0	6651.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
72	15800.00	90.35	276.80	100	9256.1	6751.8	799.2	-6704.3	6751.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
73	15900.00	90.35	276.80	100	9255.5	6851.8	811.0	-6803.6	6851.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
74	16000.00	90.35	276.80	100	9254.9	6951.8	822.9	-6902.9	6951.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
75	16100.00	90.35	276.80	100	9254.3	7051.8	834.7	-7002.2	7051.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
76	16200.00	90.35	276.80	100	9253.7	7151.8	846.5	-7101.5	7151.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
77	16300.00	90.35	276.80	100	9253.1	7251.8	858.4	-7200.8	7251.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
78	16400.00	90.35	276.80	100	9252.5	7351.8	870.2	-7300.1	7351.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
79	16500.00	90.35	276.80	100	9251.8	7451.8	882.0	-7399.4	7451.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
80	16600.00	90.35	276.80	100	9251.2	7551.8	893.9	-7498.7	7551.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
81	16700.00	90.35	276.80	100	9250.6	7651.8	905.7	-7598.0	7651.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
82	16800.00	90.35	276.80	100	9250.0	7751.8	917.5	-7697.3	7751.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
83	16900.00	90.35	276.80	100	9249.4	7851.8	929.4	-7796.6	7851.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
84	17000.00	90.35	276.80	100	9248.8	7951.8	941.2	-7895.9	7951.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
85	17100.00	90.35	276.80	100	9248.2	8051.8	953.1	-7995.2	8051.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
86	17200.00	90.35	276.80	100	9247.6	8151.8	964.9	-8094.5	8151.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
87	17300.00	90.35	276.80	100	9246.9	8251.8	976.7	-8193.8	8251.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
88	17400.00	90.35	276.80	100	9246.3	8351.8	988.6	-8293.1	8351.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
89	17500.00	90.35	276.80	100	9245.7	8451.8	1000.4	-8392.4	8451.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
90	17600.00	90.35	276.80	100	9245.1	8551.8	1012.2	-8491.6	8551.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
91	17700.00	90.35	276.80	100	9244.5	8651.8	1024.1	-8590.9	8651.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
92	17800.00	90.35	276.80	100	9243.9	8751.8	1035.9	-8690.2	8751.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
93	17900.00	90.35	276.80	100	9243.3	8851.8	1047.7	-8789.5	8851.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
94	18000.00	90.35	276.80	100	9242.7	8951.8	1059.6	-8888.8	8951.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
95	18100.00	90.35	276.80	100	9242.0	9051.8	1071.4	-8988.1	9051.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
96	18200.00	90.35	276.80	100	9241.4	9151.8	1083.3	-9087.4	9151.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
97	18300.00	90.35	276.80	100	9240.8	9251.8	1095.1	-9186.7	9251.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
98	18400.00	90.35	276.80	100	9240.2	9351.8	1106.9	-9286.0	9351.8	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
99	18500.00	90.35	276.80	100	9239.6	9451.7	1118.8	-9385.3	9451.7	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
100	18600.00	90.35	276.80	100	9239.0	9551.7	1130.6	-9484.6	9551.7	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
101	18700.00	90.35	276.80	100	9238.4	9651.7	1142.4	-9583.9	9651.7	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
102	18800.00	90.35	276.80	100	9237.8	9751.7	1154.3	-9683.2	9751.7	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
103	18900.00	90.35	276.80	100	9237.1	9851.7	1166.1	-9782.5	9851.7	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
104	19000.00	90.35	276.80	100	9236.5	9951.7	1177.9	-9881.8	9951.7	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
105	19083.81	90.35	276.80	83.805	9236.0	10035.5	1187.9	-9965.0	10035.5	276.8	0.0	0.0	9297.5	-3.5	1.5769255	4.83	1E-10
106	19083.81	90.35	276.80	0	9236.0	10035.5	1187.9	-9965.0	10035.5	276.8	#####	#####	9297.5	-3.5	1.5769255	4.83	1E-10
107	19083.81	90.35	276.80	0	9236.0	10035.5	1187.9	-9965.0	10035.5	276.8	#####	#####	9297.5	-3.5	1.5769255	4.83	1E-10

9

Mewbourne Oil Company

SURVEY CALCULATION REPORT
Minimum Curvature Calculations

Operator: Mewbourne Oil Company
Lease Name: Jericho 8/7 Fed Com 718H
KOP 8732.04
SL: 1010 FSL & 210 FEL; Sec 8P/20S/29E
PBHL: 440 FSL & 100 FWL; Sec 7M/20S/29E

Target KBTVD: 9,305 Feet 9305.00
Target Angle: 90.39 Degrees 90.39
Section Plane: 266.95 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		DRIFT (RADIANS)	AZIMUTH (RADIANS)
														-Below Target	DRIFT (RADIANS)		
T/I	8732.04	0.00	266.95	N/A	8732.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	8732.0	573.0	1E-12	4.66	#VALUE!
1	8822.44	9.04	266.95	90.395	8822.1	7.1	-0.4	-7.1	7.1	267.0	10.0	10.0	8822.1	482.9	0.157769	4.66	0.157769
2	8912.83	18.08	266.95	90.395	8909.8	28.3	-1.5	-28.2	28.3	267.0	10.0	10.0	8910.0	395.0	0.315538	4.66	0.157769
3	9003.23	27.12	266.95	90.395	8993.2	63.0	-3.3	-62.9	63.0	267.0	10.0	10.0	8993.6	311.4	0.4733069	4.66	0.157769
4	9093.62	36.16	266.95	90.395	9070.1	110.4	-5.9	-110.2	110.4	267.0	10.0	10.0	9070.9	234.1	0.6310759	4.66	0.157769
5	9184.02	45.20	266.95	90.395	9138.6	169.2	-9.0	-169.0	169.2	267.0	10.0	10.0	9139.7	165.3	0.7888449	4.66	0.157769
6	9274.41	54.24	266.95	90.395	9197.0	238.1	-12.7	-237.8	238.1	267.0	10.0	10.0	9198.6	106.4	0.9466139	4.66	0.157769
7	9364.81	63.28	266.95	90.395	9243.8	315.3	-16.8	-314.9	315.3	267.0	10.0	10.0	9246.0	59.0	1.1043828	4.66	0.157769
8	9455.20	72.32	266.95	90.395	9277.9	398.9	-21.2	-398.3	398.9	267.0	10.0	10.0	9280.7	24.3	1.2621518	4.66	0.157769
9	9545.60	81.36	266.95	90.395	9298.5	486.8	-25.9	-486.2	486.8	267.0	10.0	10.0	9301.8	3.2	1.4199208	4.66	0.157769
10	9635.99	90.39	266.95	90.395	9305.0	576.9	-30.7	-576.1	576.9	267.0	10.0	10.0	9309.0	-4.0	1.5776898	4.66	0.157769
11	9700.00	90.39	266.95	64.008	9304.5	640.9	-34.1	-640.0	640.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
12	9800.00	90.39	266.95	100	9303.9	740.9	-39.4	-739.9	740.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
13	9900.00	90.39	266.95	100	9303.2	840.9	-44.7	-839.7	840.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
14	10000.00	90.39	266.95	100	9302.5	940.9	-50.0	-939.6	940.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
15	10100.00	90.39	266.95	100	9301.8	1040.9	-55.4	-1039.4	1040.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
16	10200.00	90.39	266.95	100	9301.1	1140.9	-60.7	-1139.3	1140.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
17	10300.00	90.39	266.95	100	9300.4	1240.9	-66.0	-1239.1	1240.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
18	10400.00	90.39	266.95	100	9299.7	1340.9	-71.3	-1339.0	1340.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
19	10500.00	90.39	266.95	100	9299.0	1440.9	-76.6	-1438.9	1440.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
20	10600.00	90.39	266.95	100	9298.3	1540.9	-81.9	-1538.7	1540.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
21	10700.00	90.39	266.95	100	9297.7	1640.9	-87.3	-1638.6	1640.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
22	10800.00	90.39	266.95	100	9297.0	1740.9	-92.6	-1738.4	1740.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
23	10900.00	90.39	266.95	100	9296.3	1840.9	-97.9	-1838.3	1840.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
24	11000.00	90.39	266.95	100	9295.6	1940.9	-103.2	-1938.1	1940.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
25	11100.00	90.39	266.95	100	9294.9	2040.9	-108.5	-2038.0	2040.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
26	11200.00	90.39	266.95	100	9294.2	2140.9	-113.9	-2137.8	2140.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
27	11300.00	90.39	266.95	100	9293.5	2240.9	-119.2	-2237.7	2240.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
28	11400.00	90.39	266.95	100	9292.8	2340.9	-124.5	-2337.6	2340.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
29	11500.00	90.39	266.95	100	9292.1	2440.9	-129.8	-2437.4	2440.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
30	11600.00	90.39	266.95	100	9291.4	2540.9	-135.1	-2537.3	2540.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
31	11700.00	90.39	266.95	100	9290.8	2640.9	-140.4	-2637.1	2640.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
32	11800.00	90.39	266.95	100	9290.1	2740.9	-145.8	-2737.0	2740.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
33	11900.00	90.39	266.95	100	9289.4	2840.9	-151.1	-2836.8	2840.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
34	12000.00	90.39	266.95	100	9288.7	2940.9	-156.4	-2936.7	2940.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
35	12100.00	90.39	266.95	100	9288.0	3040.9	-161.7	-3036.6	3040.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
36	12200.00	90.39	266.95	100	9287.3	3140.9	-167.0	-3136.4	3140.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
37	12300.00	90.39	266.95	100	9286.6	3240.9	-172.3	-3236.3	3240.9	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
38	12400.00	90.39	266.95	100	9285.9	3340.8	-177.7	-3336.1	3340.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
39	12500.00	90.39	266.95	100	9285.2	3440.8	-183.0	-3436.0	3440.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
40	12600.00	90.39	266.95	100	9284.6	3540.8	-188.3	-3535.8	3540.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
41	12700.00	90.39	266.95	100	9283.9	3640.8	-193.6	-3635.7	3640.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
42	12800.00	90.39	266.95	100	9283.2	3740.8	-198.9	-3735.5	3740.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
43	12900.00	90.39	266.95	100	9282.5	3840.8	-204.3	-3835.4	3840.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
44	13000.00	90.39	266.95	100	9281.8	3940.8	-209.6	-3935.3	3940.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
45	13100.00	90.39	266.95	100	9281.1	4040.8	-214.9	-4035.1	4040.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
46	13200.00	90.39	266.95	100	9280.4	4140.8	-220.2	-4135.0	4140.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
47	13300.00	90.39	266.95	100	9279.7	4240.8	-225.5	-4234.8	4240.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
48	13400.00	90.39	266.95	100	9279.0	4340.8	-230.8	-4334.7	4340.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
49	13500.00	90.39	266.95	100	9278.4	4440.8	-236.2	-4434.5	4440.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
50	13600.00	90.39	266.95	100	9277.7	4540.8	-241.5	-4534.4	4540.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
51	13700.00	90.39	266.95	100	9277.0	4640.8	-246.8	-4634.3	4640.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
52	13800.00	90.39	266.95	100	9276.3	4740.8	-252.1	-4734.1	4740.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
53	13900.00	90.39	266.95	100	9275.6	4840.8	-257.4	-4834.0	4840.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
54	14000.00	90.39	266.95	100	9274.9	4940.8	-262.8	-4933.8	4940.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
55	14100.00	90.39	266.95	100	9274.2	5040.8	-268.1	-5033.7	5040.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
56	14200.00	90.39	266.95	100	9273.5	5140.8	-273.4	-5133.5	5140.8	267.0	0.0						

57	14300.00	90.39	266.95	100	9272.8	5240.8	-278.7	-5233.4	5240.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
58	14400.00	90.39	266.95	100	9272.1	5340.8	-284.0	-5333.2	5340.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
59	14500.00	90.39	266.95	100	9271.5	5440.8	-289.3	-5433.1	5440.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
60	14600.00	90.39	266.95	100	9270.8	5540.8	-294.7	-5533.0	5540.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
61	14700.00	90.39	266.95	100	9270.1	5640.8	-300.0	-5632.8	5640.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
62	14800.00	90.39	266.95	100	9269.4	5740.8	-305.3	-5732.7	5740.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
63	14900.00	90.39	266.95	100	9268.7	5840.8	-310.6	-5832.5	5840.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
64	15000.00	90.39	266.95	100	9268.0	5940.8	-315.9	-5932.4	5940.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
65	15100.00	90.39	266.95	100	9267.3	6040.8	-321.2	-6032.2	6040.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
66	15200.00	90.39	266.95	100	9266.6	6140.8	-326.6	-6132.1	6140.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
67	15300.00	90.39	266.95	100	9265.9	6240.8	-331.9	-6231.9	6240.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
68	15400.00	90.39	266.95	100	9265.3	6340.8	-337.2	-6331.8	6340.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
69	15500.00	90.39	266.95	100	9264.6	6440.8	-342.5	-6431.7	6440.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
70	15600.00	90.39	266.95	100	9263.9	6540.8	-347.8	-6531.5	6540.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
71	15700.00	90.39	266.95	100	9263.2	6640.8	-353.2	-6631.4	6640.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
72	15800.00	90.39	266.95	100	9262.5	6740.8	-358.5	-6731.2	6740.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
73	15900.00	90.39	266.95	100	9261.8	6840.8	-363.8	-6831.1	6840.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
74	16000.00	90.39	266.95	100	9261.1	6940.8	-369.1	-6930.9	6940.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
75	16100.00	90.39	266.95	100	9260.4	7040.8	-374.4	-7030.8	7040.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
76	16200.00	90.39	266.95	100	9259.7	7140.8	-379.7	-7130.7	7140.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
77	16300.00	90.39	266.95	100	9259.0	7240.8	-385.1	-7230.5	7240.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
78	16400.00	90.39	266.95	100	9258.4	7340.8	-390.4	-7330.4	7340.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
79	16500.00	90.39	266.95	100	9257.7	7440.8	-395.7	-7430.2	7440.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
80	16600.00	90.39	266.95	100	9257.0	7540.8	-401.0	-7530.1	7540.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
81	16700.00	90.39	266.95	100	9256.3	7640.7	-406.3	-7629.9	7640.7	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
82	16800.00	90.39	266.95	100	9255.6	7740.7	-411.7	-7729.8	7740.7	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
83	16900.00	90.39	266.95	100	9254.9	7840.7	-417.0	-7829.6	7840.7	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
84	17000.00	90.39	266.95	100	9254.2	7940.7	-422.3	-7929.5	7940.7	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
85	17100.00	90.39	266.95	100	9253.5	8040.7	-427.6	-8029.4	8040.7	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
86	17200.00	90.39	266.95	100	9252.8	8140.7	-432.9	-8129.2	8140.7	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
87	17300.00	90.39	266.95	100	9252.2	8240.7	-438.2	-8229.1	8240.7	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
88	17400.00	90.39	266.95	100	9251.5	8340.7	-443.6	-8328.9	8340.7	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
89	17500.00	90.39	266.95	100	9250.8	8440.7	-448.9	-8428.8	8440.7	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
90	17600.00	90.39	266.95	100	9250.1	8540.7	-454.2	-8528.6	8540.7	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
91	17700.00	90.39	266.95	100	9249.4	8640.7	-459.5	-8628.5	8640.7	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
92	17800.00	90.39	266.95	100	9248.7	8740.7	-464.8	-8728.4	8740.7	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
93	17900.00	90.39	266.95	100	9248.0	8840.7	-470.2	-8828.2	8840.7	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
94	18000.00	90.39	266.95	100	9247.3	8940.7	-475.5	-8928.1	8940.7	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
95	18100.00	90.39	266.95	100	9246.6	9040.7	-480.8	-9027.9	9040.7	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
96	18200.00	90.39	266.95	100	9246.0	9140.7	-486.1	-9127.8	9140.7	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
97	18300.00	90.39	266.95	100	9245.3	9240.7	-491.4	-9227.6	9240.7	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
98	18400.00	90.39	266.95	100	9244.6	9340.7	-496.7	-9327.5	9340.7	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
99	18500.00	90.39	266.95	100	9243.9	9440.7	-502.1	-9427.3	9440.7	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
100	18600.00	90.39	266.95	100	9243.2	9540.7	-507.4	-9527.2	9540.7	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
101	18700.00	90.39	266.95	100	9242.5	9640.7	-512.7	-9627.1	9640.7	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
102	18800.00	90.39	266.95	100	9241.8	9740.7	-518.0	-9726.9	9740.7	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
103	18900.00	90.39	266.95	100	9241.1	9840.7	-523.3	-9826.8	9840.7	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
104	19000.00	90.39	266.95	100	9240.4	9940.7	-528.6	-9926.6	9940.7	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
105	19061.13	90.39	266.95	61.128	9240.0	10001.8	-531.9	-9987.7	10001.8	267.0	0.0	0.0	9309.0	-4.0	1.5776898	4.66	1E-10
106	19061.13	90.39	266.95	0	9240.0	10001.8	-531.9	-9987.7	10001.8	267.0	#####	#####	9309.0	-4.0	1.5776898	4.66	1E-10

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JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruc@aol.com

June 5, 2024

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

To: Persons on Exhibit A

EXHIBIT 4-A

Ladies and gentlemen:

Mewbourne Oil Company has filed six applications with the Oil Conservation Division seeking the following relief:

Case No. 24556: Mewbourne Oil Company seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the N/2N/2 of Section 8 and the N/2N/2 of Section 7, Township 20 South, Range 29 East, N.M.P.M., Eddy County, New Mexico (containing 320 acres). The unit will be dedicated to the Jericho 8/7 Fed. Com. Well No. 611H.

Case No. 24557: Mewbourne Oil Company seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the S/2N/2 of Section 8 and the S/2N/2 of Section 7, Township 20 South, Range 29 East, N.M.P.M., Eddy County, New Mexico (containing 320 acres). The unit will be dedicated to the Jericho 8/7 Fed. Com. Well No. 614H.

Case No. 24558: Mewbourne Oil Company seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a proximity tract horizontal spacing unit comprised of the S/2 of Section 8 and the S/2 of Section 7, Township 20 South, Range 29 East, N.M.P.M., Eddy County, New Mexico (containing 640 acres). The unit will be dedicated to the Jericho 8/7 Fed. Com. Well No. 617H.

Case No. 24571: Mewbourne Oil Company seeks an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying a proximity tract horizontal spacing unit comprised of the N/2 of Section 8 and the N/2 of Section 7, Township 20 South, Range 29 East, N.M.P.M., Eddy County, New Mexico (containing 640 acres). The unit will be dedicated to the Jericho 8/7 Fed. Com. Well No. 712H.

13

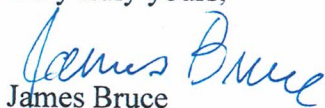
Case No. 24572: Mewbourne Oil Company seeks an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying a horizontal spacing unit comprised of the N/2S/2 of Section 8 and the N/2S/2 of Section 7, Township 20 South, Range 29 East, N.M.P.M., Eddy County, New Mexico (containing 320 acres). The unit will be dedicated to the Jericho 8/7 Fed. Com. Well No. 715H.

Case No. 24573: Mewbourne Oil Company seeks an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying a horizontal spacing unit comprised of the S/2S/2 of Section 8 and the S/2S/2 of Section 7, Township 20 South, Range 29 East, N.M.P.M., Eddy County, New Mexico (containing 320 acres). The unit will be dedicated to the Jericho 8/7 Fed. Com. Well No. 718H.

Also to be considered will be the cost of drilling, completing, testing, and equipping the wells and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells, and a 200% charge for the risk involved in drilling, completing, testing and equipping the wells.

This matter is scheduled for hearing at 8:30 a.m. on Thursday, June 27, 2024. The hearing may be attended (a) in person in Pecos Hall of the Wendell Chino Building, 1st Floor, 1220 South St. Francis Drive, Santa Fe New Mexico 87505, or (b) via the WebEx virtual meeting platform. To view the hearing docket and to determine how to participate in an electronic hearing, go to <https://www.emnrd.nm.gov/ocd/hearing-info/>, or contact Freya Tschantz at freya.tschantz@emnrd.nm.gov. You are not required to attend this hearing, but as an owner of an interest who may be affected by the applications, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting these matters at a later date. A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than five business days before the hearing date. This statement may be filed online with the Division at ocd.hearings@emnrd.nm.gov, and should include: The name of the party and his or her attorney; a concise statement of the case; the name(s) of the witness(es) the party will call to testify at the hearing; the approximate time the party will need to present his or her case; and identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to the attorney for applicant, James Bruce, P.O. Box 1056, Santa Fe, New Mexico 87504, jamesbruc@aol.com.

Very truly yours,


James Bruce

Attorney for Mewbourne Oil Company

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EXHIBIT A

EOG Resources, Inc.
Modland Division – Land Dept.
P.O. Box 2267
Midland, TX 79702

Davoil, Inc.
No. 1208
6300 Ridglea Place
Fort Worth, TX 76116

Devon Energy Production Company, L.P.
333 West Sheridan Ave.
Oklahoma City, OK 73102

Magnum Hunter Resources, Inc.
Suite 300N
6001 Deauville Boulevard
Midland, TX 79706

Estate of Howard C. Warden
Suite 3100 161 North Clark Street
Chicago, IL 60601

WPX Energy Permian, LLC
333 West Sheridan Ave.
Oklahoma City, OK 73102

Estate of E.J. Rousuck
Address unknown

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com

OFFICIAL USE

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To
 Magnus Hunter Resources, Inc.
 Suite 300N
 6001 Deauville Boulevard
 Midland, TX 79706

Street and Apt. No.
 City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7020 0090 0000 0864 5476

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 X *[Signature]* Agent Addressee

B. Received by (Printed Name) *A. C. [Signature]* Date of Delivery *7/31/20*

D. Is delivery address different from item 1? Yes No
 If YES, enter delivery address below:

3. Service Type

Priority Mail Express®

Registered Mail™

Registered Mail Restricted Delivery

Certified Mail®

Certified Mail Restricted Delivery

Collect on Delivery

Signature Confirmation™

Signature Confirmation Restricted Delivery

1. Article Addressed to: *M-JER*

2. Article Number (Transfer from reverse, if any)
 7020 0090 0000 0864 5452

PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

7020 0090 0000 0864 5476

Complete items 1, 2, and 3.

Print your name and address on the reverse so that we can return the card to you.

Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

WPX Energy Permian, LLC
 333 West Sheridan Ave.
 Oklahoma City, OK 73102

2. Article Number (Transfer from reverse, if any)
 7020 0090 0000 0864 5452

PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

7020 0090 0000 0864 5476

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com

OFFICIAL USE

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To
 WPX Energy Permian, LLC
 333 West Sheridan Ave.
 Oklahoma City, OK 73102

Street and Apt. No., or City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7020 0090 0000 0864 5476

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 X *[Signature]* Agent Addressee

B. Received by (Printed Name) _____ Date of Delivery _____

D. Is delivery address different from item 1? Yes No
 If YES, enter delivery address below:

1. Article Addressed to:
 Magnus Hunter Resources, Inc.
 Suite 300N
 6001 Deauville Boulevard
 Midland, TX 79706

2. Article Number (Transfer from reverse, if any)
 7020 0090 0000 0864 5476

PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 X *[Signature]* Agent Addressee

B. Received by (Printed Name) _____ Date of Delivery _____

D. Is delivery address different from item 1? Yes No
 If YES, enter delivery address below:

3. Service Type

Priority Mail Express®

Registered Mail™

Registered Mail Restricted Delivery

Certified Mail®

Certified Mail Restricted Delivery

Collect on Delivery

Signature Confirmation™

Signature Confirmation Restricted Delivery

1. Article Addressed to:
 Magnus Hunter Resources, Inc.
 Suite 300N
 6001 Deauville Boulevard
 Midland, TX 79706

2. Article Number (Transfer from reverse, if any)
 7020 0090 0000 0864 5476

PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

7020 0090 0000 0864 5476

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.
 ■ Print your name and address on the reverse so that we can return the card to you.
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Devon Energy Production Company
 333 West Sheridan Ave.
 Oklahoma City, OK 73102

9590 9402 8411 3156 6444 69

2. Article Number *Transfer from envelope label*
 7020 0090 0000 0864 5483

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature *Quinn Carnell* Agent Addressee

B. Received by (Printed Name) _____ C. Date of Delivery _____

D. Is delivery address different from item 1? Yes No
 If YES, enter delivery address below:

3. Service Type
 Adult Signature
 Adult Signature Restricted Delivery
 Certified Mail®
 Certified Mail Restricted Delivery
 Collect on Delivery
 Collect on Delivery Restricted Delivery
 Priority Mail Express®
 Registered Mail™
 Registered Mail Restricted Delivery
 Signature Confirmation™
 Signature Confirmation Restricted Delivery

Devon, Inc.
 No. 1208
 6300 Ridgela Place
 Fort Worth, TX 76116

PS Form 3800, April 2015 PSN 7530-02-000-9047

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com.

OFFICIAL USE

Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)
 Return Receipt (hardcopy) \$ _____
 Return Receipt (electronic) \$ _____
 Certified Mail Restricted Delivery \$ _____
 Adult Signature Required \$ _____
 Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total Postage and Fees \$ _____

Sent To _____
 Devon, Inc.
 No. 1208
 6300 Ridgela Place
 Fort Worth, TX 76116

Street and Apt. No., or PO Box
 City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

1245 4980 0000 0600 0202

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com.

OFFICIAL USE

Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)
 Return Receipt (hardcopy) \$ _____
 Return Receipt (electronic) \$ _____
 Certified Mail Restricted Delivery \$ _____
 Adult Signature Required \$ _____
 Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total Postage and Fees \$ _____

Sent To _____
 Devon Energy Production Company, L.P.
 333 West Sheridan Ave.
 Oklahoma City, OK 73102

Street and Apt. No., or
 City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

5845 4980 0000 0600 0202

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.
 ■ Print your name and address on the reverse so that we can return the card to you.
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Devon, Inc.
 No. 1208
 6300 Ridgela Place
 Fort Worth, TX 76116

9590 9402 8411 3156 6442 16

2. Article
 7020 0090 0000 0864 5421

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature *Kurt y m* Agent Addressee

B. Received by (Printed Name) *Kathleen Nunez* C. Date of Delivery *6-17-24*

D. Is delivery address different from item 1? Yes No
 If YES, enter delivery address below:

3. Service Type
 Priority Mail Express®
 Registered Mail™
 Registered Mail Restricted Delivery
 Certified Mail®
 Certified Mail Restricted Delivery
 Collect on Delivery
 Collect on Delivery Restricted Delivery
 Priority Mail Express®
 Registered Mail™
 Registered Mail Restricted Delivery
 Signature Confirmation™
 Signature Confirmation Restricted Delivery

PS Form 3800, April 2015 PSN 7530-02-000-9047

M - JER

Domestic Return Receipt

7020 0090 0000 0864 5438

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only *MOC Jevichs*

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee \$	Postmark Here
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To EOG Resources, Inc. Modland Division - Land Dept. P.O. Box 2267 Street and Apt. No., or P.O. Box No. Midland, TX 79702	
City, State, ZIP+4® _____	

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7020 0090 0000 0864 5469

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only *MOC Jev*

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee \$	Postmark Here
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To Estate of Howard C. Warden Suite 3100 161 North Clark Street Street and Apt. No., or P.O. Box No. Chicago, IL 60601	
City, State, ZIP+4® _____	

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

CASE NOS. 24556-24558 & 24571-24573

STATUS OF CERTIFIED NOTICE

<u>INTEREST OWNER</u>	<u>MAILING DATE</u>	<u>RECEIPT DATE</u>	<u>CARD RETURNED</u>
EIG RESOURCES, INC.	June 5, 2024	Unknown	No
DAVOIL, INC.	June 5, 2024	June 11, 2024	Yes
DEVON ENERGY COMPANY, L.P.	June 5, 2024	June 11, 2024	Yes
MAGNUM HUNTER REOURCES, INC.	June 5, 2024	Unknown	Yes
ESTATE OF HOWARD C. WARDEN	June 5, 2024	unknown	No
WPX ENERGY PERMIAN, LLC	June 5, 2024	June 11, 2024	Yes
ESTATE OF E.J. ROUSACK (Address Unknown)			

EXHIBIT 4-B

19



PO Box 631667 Cincinnati, OH 45263-1667

AFFIDAVIT OF PUBLICATION

Mr James Bruce
James Bruce Attorney At Law
Pobox 1056
Santa Fe NM 87504

STATE OF WISCONSIN, COUNTY OF BROWN

The Carlsbad Current Argus, a newspaper published in the city of Carlsbad, Eddy County, State of New Mexico, and personal knowledge of the facts herein state and that the notice hereto annexed was Published in said newspapers in the issue:

06/12/2024

and that the fees charged are legal.
Sworn to and subscribed before on 06/12/2024

[Handwritten Signature]

Legal Clerk

[Handwritten Signature]

Notary, State of WI, County of Brown

My commission expires

1-1-25

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EXHIBIT 5

THIS IS NOT AN INVOICE!

Please do not use this form for payment remittance.

KATHLEEN ALLEN
Notary Public
State of Wisconsin

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To: EOG Resources, Inc., Davoil, Inc., Devon Energy Production Company, L.P., Magnum Hunter Resources, Inc., Howard C. Warden, WPX Energy Permian, LLC, and E.J. Rousuck, or your heirs, devisees, successors, or assigns. Mewbourne Oil Company has filed six applications with the New Mexico Oil Conservation Division requesting the following relief:

Case No. 24556: Mewbourne Oil Company seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the N/2N/2 of Section 8 and the N/2N/2 of Section 7, Township 20 South, Range 29 East, N.M.P.M., Eddy County, New Mexico (containing 320 acres). The unit will be dedicated to the Jericho 8/7 Fed. Com. Well No. 611H, with a first take point in the NE/4NE/4 of Section 8 and a last take point in the NW/4NW/4 of Section 7.

Case No. 24557: Mewbourne Oil Company seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the S/2N/2 of Section 8 and the S/2N/2 of Section 7, Township 20 South, Range 29 East, N.M.P.M., Eddy County, New Mexico (containing 320 acres). The unit will be dedicated to the Jericho 8/7 Fed. Com. Well No. 614H, with a first take point in the SE/4NE/4 of Section 8 and a last take point in the SW/4NW/4 of Section 7.

Case No. 24558: Mewbourne Oil Company seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a proximity tract horizontal spacing unit comprised of the S/2 of Section 8 and the S/2 of Section 7, Township 20 South, Range 29 East, N.M.P.M., Eddy County, New Mexico (containing 640 acres). The unit will be dedicated to the Jericho 8/7 Fed. Com. Well No. 617H, with a first take point in the SE/4SE/4 of Section 8 and a last take point in the SW/4SW/4 of Section 7.

Case No. 24571: Mewbourne Oil Company seeks an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying a proximity tract horizontal spacing unit comprised of the N/2 of Section 8 and the N/2 of Section 7, Township 20 South, Range 29 East, N.M.P.M., Eddy County, New Mexico (containing 640 acres). The unit will be dedicated to the Jericho 8/7 Fed. Com. Well No. 712H, with a first take point in the NE/4NE/4 of Section 8 and a last take point in the NW/4NW/4 of Section 7.

Case No. 24572: Mewbourne Oil Company seeks an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying a horizontal spacing unit comprised of the N/2S/2 of Section 8 and the N/2S/2 of Section 7, Township 20 South, Range 29 East, N.M.P.M., Eddy County, New Mexico (containing 320 acres). The unit will be dedicated to the Jericho 8/7 Fed. Com. Well No. 715H, with a first take point in the NE/4SE/4 of Section 8 and a last take point in the NW/4SW/4 of Section 7.

Case No. 24573: Mewbourne Oil Company seeks an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying a horizontal spacing unit comprised of the S/2S/2 of Section 8 and the S/2S/2 of Section 7, Township 20 South, Range 29 East, N.M.P.M., Eddy County, New Mexico (containing 320 acres). The unit will be dedicated to the Jericho 8/7 Fed. Com. Well No. 718H, with a first take point in the SE/4SE/4 of Section 8 and a last take point in the SW/4SW/4 of Section 7.

Also to be considered will be the cost of drilling, completing, testing, and equipping the well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a 200% charge for the risk involved in drilling, completing, testing, and equipping the well.

These matters are scheduled for hearing at 8:30 a.m. on Thursday, June 27, 2024. The hearing may be attended (a) in person in Pecos Hall of the Wendell Chino Building, 1st Floor, 1220 South St. Francis Drive, Santa Fe New Mexico 87505, or (b) via the WebEx virtual meeting platform. To view the hearing docket and to determine how to participate in an electronic hearing, go to <https://www.emnrd.nm.gov/ocd/hearing-info/>, or contact Freya Tschantz at freya_tschantz@emnrd.nm.gov. You are not required to attend this hearing, but as an owner of an interest who may be affected by the applications, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting these matters at a later date. A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than five business days before the hearing date. This statement may be filed online with the Division at ocd.hearings@emnrd.nm.gov, and should include: The name of the party and his or her attorney; a concise statement of the case; the name(s) of the witness(es) the party will call to testify at the hearing; the approximate time the party will need to present his or her case; and identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to the attorney for applicant, James Bruce, P.O. Box 1056, Santa Fe, New Mexico 87504, jamesbruc@aol.com. The units are located approximately 18-1/2 miles east of Seven Rivers, New Mexico.

June 12, 2024 #

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

**APPLICATION OF MEWBOURNE OIL COMPANY
FOR COMPULSORY POOLING, EDDY COUNTY,
NEW MEXICO.**

Case No. 24573

APPLICATION

Mewbourne Oil Company applies for an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying a horizontal spacing unit comprised of the S/2S/2 of Section 8 and the S/2S/2 of Section 7, Township 20 South, Range 29 East, N.M.P.M., Eddy County, New Mexico, and in support thereof, states:

1. Applicant is an interest owner in the S/2S/2 of Section 8 and the S/2S/2 of Section 7 (containing 320 acres), and has the right to drill a well or wells thereon.

2. Applicant proposes to drill the Jericho 8/7 Fed. Com. Well No. 718H, with a first take point in the SE/4SE/4 of Section 8 and a last take point in the SW/4SW/4 of Section 7, to a depth sufficient to test the Wolfcamp formation.

3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the S/2S/2 of Section 8 and the S/2S/2 of Section 7 for the purposes set forth herein.

4. Although applicant attempted to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the well or to otherwise commit their interests to the well, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying the S/2S/2 of Section 8 and the S/2S/2 of Section 7, pursuant to NMSA 1978 §70-2-17.

EXHIBIT 6

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5. The pooling of all uncommitted mineral interest owners in the Wolfcamp formation underlying the S/2S/2 of Section 8 and the S/2S/2 of Section 7 will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

WHEREFORE, applicant requests that, after notice and hearing, the Division enter its order:

- A. Pooling all uncommitted mineral interest owners in the Wolfcamp formation (Burton Flat; Upper Wolfcamp, East/Pool Code 98315) underlying the S/2S/2 of Section 8 and the S/2S/2 of Section 7;
- B. Designating applicant as operator of the well;
- C. Considering the cost of drilling, completing, equipping, and testing the well, and allocating the cost among the well's working interest owners;
- D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- E. Setting a 200% charge for the risk involved in drilling, completing, equipping, and testing the well in the event a working interest owner elects not to participate in the well.

Respectfully submitted,



James Bruce
Post Office Box 1056
Santa Fe, New Mexico 87504
(505) 982-2043

Attorney for Mewbourne Oil Company

Application of Mewbourne Oil Company for compulsory pooling, Eddy County, New Mexico.

Mewbourne Oil Company seeks an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying a horizontal spacing unit comprised of the S/2S/2 of Section 8 and the S/2S/2 of Section 7, Township 20 South, Range 29 East, N.M.P.M., Eddy County, New Mexico (containing 320 acres). The unit will be dedicated to the Jericho 8/7 Fed. Com. Well No. 718H, with a first take point in the SE/4SE/4 of Section 8 and a last take point in the SW/4SW/4 of Section 7. Also to be considered will be the cost of drilling, completing, equipping, and testing the well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a 200% charge for the risk involved in drilling, completing, equipping, and testing the well. The unit is located approximately 18-1/2 miles east of Seven Rivers, New Mexico.