

Mewbourne Oil Company

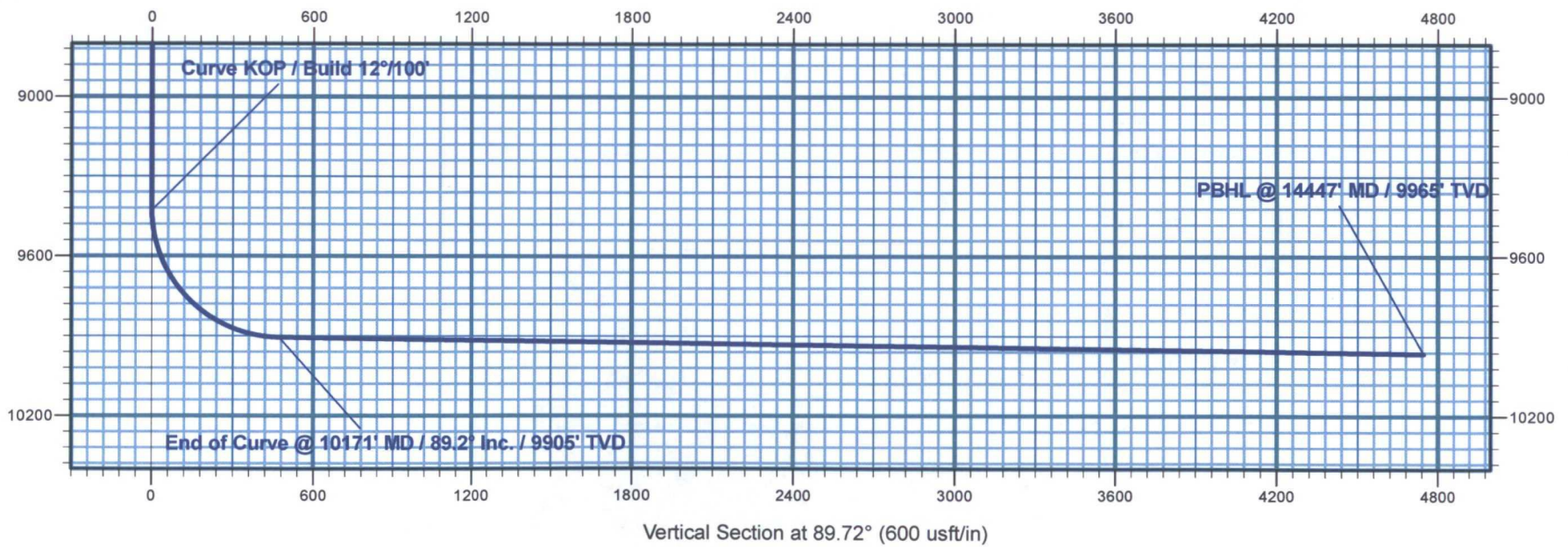
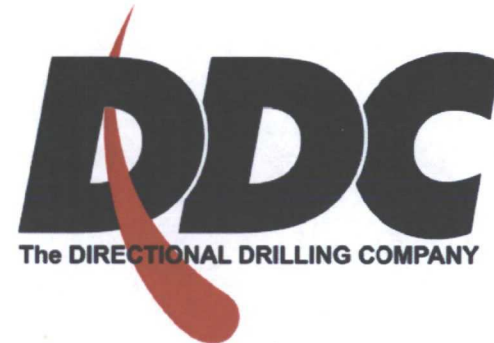
Oil Conservation Division
Case No. _____
Exhibit No. 10

Lea County, New Mexico (Nad 83)

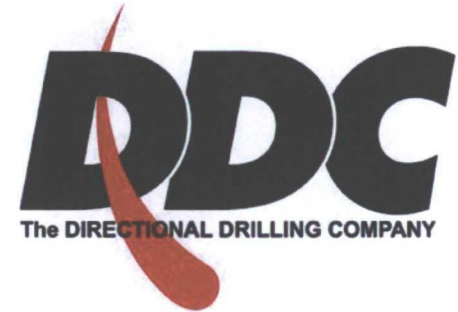
Sec 17,T19S,R33E

Excalibur 17 LI Federal Com #1H

Design #1



Mewbourne Oil Co

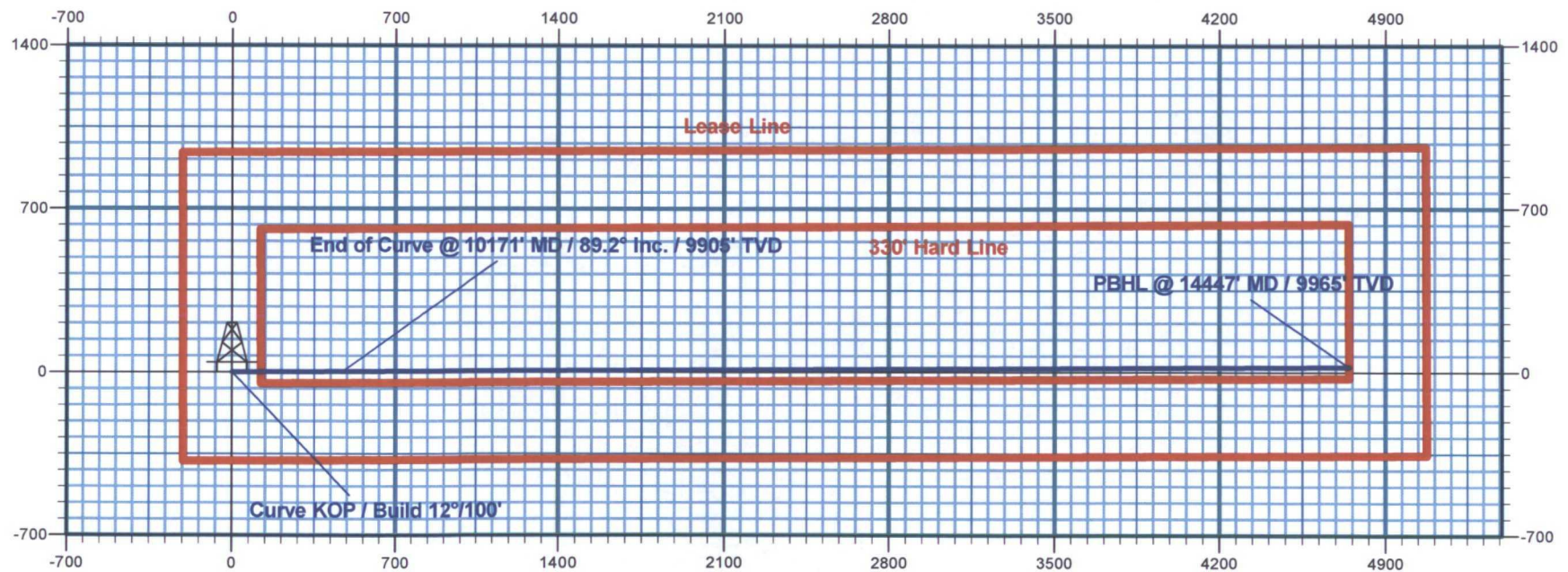


Lea County, New Mexico (Nad 83)

Sec 17,T19S,R33E

Excalibur 17 LI Federal Com #1H

Design #1



EXCALIBUR 17 LI FED COM 1H

Survey Calculation Program

Mewbourne Oil Co.

Excalibur 17 LI Fed Com 1H

17-19S-33E

Lea Co. New Mexico

MD (ft)	Incl. Deg.	Azim. Deg.	TVD (ft)	N-S (ft)	E-W (ft)	VS (ft)	Dogleg (°/100ft)
9450.00	2.69	89.73	9449.99	0.00	0.53	0.53	12.00
9475.00	5.69	89.73	9474.92	0.01	2.35	2.35	12.00
9500.00	8.69	89.73	9499.72	0.03	5.48	5.48	12.00
9525.00	11.69	89.73	9524.33	0.05	9.90	9.90	12.00
9550.00	14.69	89.73	9548.66	0.08	15.60	15.60	12.00
9575.00	17.69	89.73	9572.67	0.11	22.57	22.57	12.00
9600.00	20.69	89.73	9596.28	0.15	30.79	30.79	12.00
9625.00	23.69	89.73	9619.42	0.19	40.23	40.23	12.00
9650.00	26.69	89.73	9642.05	0.24	50.87	50.87	12.00
9675.00	29.69	89.73	9664.08	0.30	62.67	62.67	12.00
9700.00	32.69	89.73	9685.46	0.36	75.62	75.62	12.00
9725.00	35.69	89.73	9706.14	0.43	89.66	89.67	12.00
9750.00	38.69	89.73	9726.05	0.50	104.77	104.77	12.00
9775.00	41.69	89.73	9745.15	0.58	120.90	120.90	12.00
9800.00	44.69	89.73	9763.38	0.66	138.01	138.01	12.00
9825.00	47.69	89.73	9780.68	0.75	156.05	156.05	12.00
9850.00	50.69	89.73	9797.02	0.84	174.97	174.97	12.00
9875.00	53.69	89.73	9812.34	0.94	194.72	194.72	12.00
9900.00	56.69	89.73	9826.61	1.03	215.24	215.24	12.00
9925.00	59.69	89.73	9839.79	1.14	236.48	236.48	12.00
9950.00	62.69	89.73	9851.84	1.24	258.38	258.39	12.00
9975.00	65.69	89.73	9862.72	1.35	280.89	280.89	12.00
10000.00	68.69	89.73	9872.41	1.46	303.93	303.93	12.00
10025.00	71.69	89.73	9880.89	1.57	327.45	327.45	12.00
10050.00	74.69	89.73	9888.12	1.69	351.37	351.38	12.00

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10075.00	77.69	89.73	9894.08	1.81	375.65	375.65	12.00
10100.00	80.69	89.73	9898.77	1.92	400.20	400.21	12.00
10125.00	83.69	89.73	9902.17	2.04	424.97	424.97	12.00
10150.00	86.69	89.73	9904.27	2.16	449.88	449.88	12.00
10170.90	89.20	89.73	9905.02	2.26	470.76	470.77	12.00
10200.00	89.20	89.73	9905.43	2.40	499.86	499.86	0.00
10300.00	89.20	89.73	9906.83	2.88	599.85	599.85	0.00
10400.00	89.20	89.73	9908.23	3.36	699.83	699.84	0.00
10500.00	89.20	89.73	9909.64	3.84	799.82	799.83	0.00
10600.00	89.20	89.73	9911.04	4.32	899.81	899.82	0.00
10700.00	89.20	89.73	9912.44	4.80	999.80	999.81	0.00
10800.00	89.20	89.73	9913.84	5.28	1099.79	1099.80	0.00
10900.00	89.20	89.73	9915.25	5.76	1199.78	1199.79	0.00
11000.00	89.20	89.73	9916.65	6.24	1299.77	1299.78	0.00
11100.00	89.20	89.73	9918.05	6.72	1399.76	1399.77	0.00
11200.00	89.20	89.73	9919.45	7.21	1499.75	1499.76	0.00
11300.00	89.20	89.73	9920.86	7.69	1599.74	1599.75	0.00
11400.00	89.20	89.73	9922.26	8.17	1699.72	1699.74	0.00
11500.00	89.20	89.73	9923.66	8.65	1799.71	1799.73	0.00
11600.00	89.20	89.73	9925.07	9.13	1899.70	1899.72	0.00
11700.00	89.20	89.73	9926.47	9.61	1999.69	1999.71	0.00
11800.00	89.20	89.73	9927.87	10.09	2099.68	2099.70	0.00
11900.00	89.20	89.73	9929.27	10.57	2199.67	2199.69	0.00
12000.00	89.20	89.73	9930.68	11.05	2299.66	2299.69	0.00
12100.00	89.20	89.73	9932.08	11.53	2399.65	2399.68	0.00
12200.00	89.20	89.73	9933.48	12.01	2499.64	2499.67	0.00
12300.00	89.20	89.73	9934.89	12.49	2599.63	2599.66	0.00
12400.00	89.20	89.73	9936.29	12.97	2699.62	2699.65	0.00
12500.00	89.20	89.73	9937.69	13.45	2799.60	2799.64	0.00
12600.00	89.20	89.73	9939.09	13.93	2899.59	2899.63	0.00
12700.00	89.20	89.73	9940.50	14.41	2999.58	2999.62	0.00
12800.00	89.20	89.73	9941.90	14.89	3099.57	3099.61	0.00
12900.00	89.20	89.73	9943.30	15.37	3199.56	3199.60	0.00
13000.00	89.20	89.73	9944.71	15.85	3299.55	3299.59	0.00

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13100.00	89.20	89.73	9946.11	16.33	3399.54	3399.58	0.00
13200.00	89.20	89.73	9947.51	16.81	3499.53	3499.57	0.00
13300.00	89.20	89.73	9948.91	17.29	3599.52	3599.56	0.00
13400.00	89.20	89.73	9950.32	17.77	3699.51	3699.55	0.00
13500.00	89.20	89.73	9951.72	18.25	3799.49	3799.54	0.00
13600.00	89.20	89.73	9953.12	18.73	3899.48	3899.53	0.00
13700.00	89.20	89.73	9954.53	19.21	3999.47	3999.52	0.00
13800.00	89.20	89.73	9955.93	19.69	4099.46	4099.51	0.00
13900.00	89.20	89.73	9957.33	20.17	4199.45	4199.50	0.00
14000.00	89.20	89.73	9958.73	20.65	4299.44	4299.49	0.00
14100.00	89.20	89.73	9960.14	21.14	4399.43	4399.48	0.00
14200.00	89.20	89.73	9961.54	21.62	4499.42	4499.47	0.00
14300.00	89.20	89.73	9962.94	22.10	4599.41	4599.46	0.00
14400.00	89.20	89.73	9964.35	22.58	4699.40	4699.45	0.00
14446.70	89.20	89.73	9965.00	22.80	4746.09	4746.14	0.00