

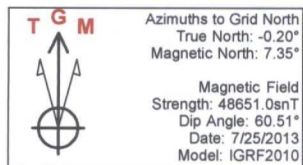


COMPANY: Mewbourne Oil Company .
WELL: Dorado 34 EH Fed Com #1H Section 34
COUNTY: Eddy County, New Mexico
DATUM: NAD 1927 (NADCON CONUS)
RIG: Patterson 41



GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 7.35°

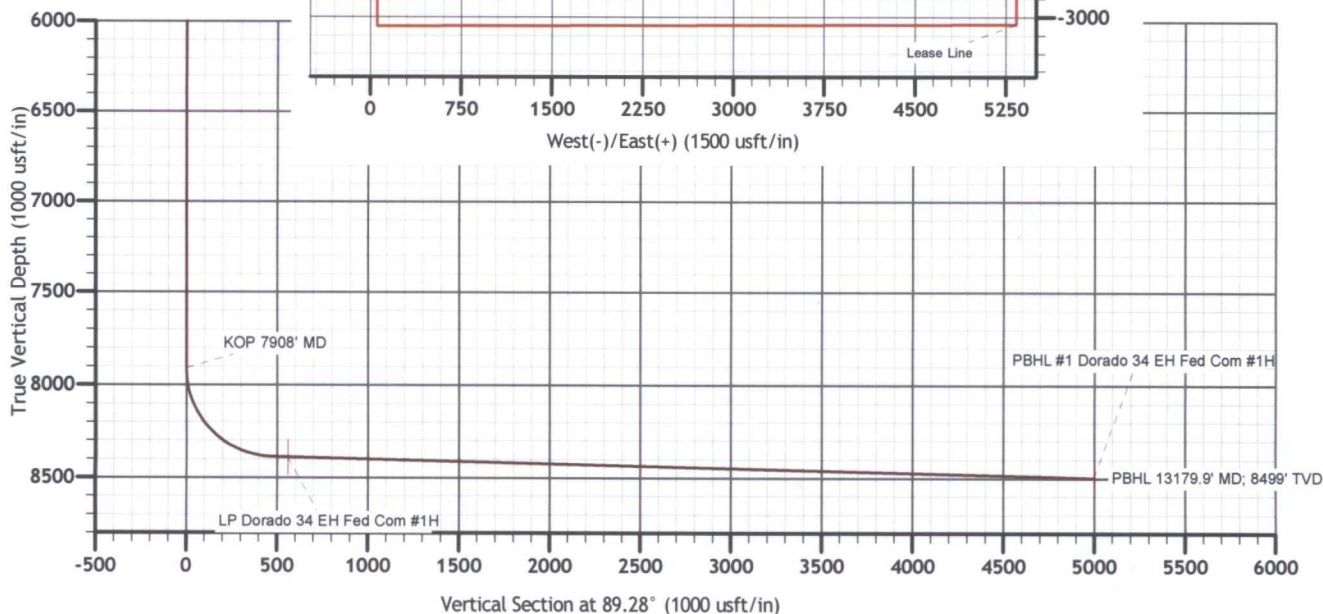
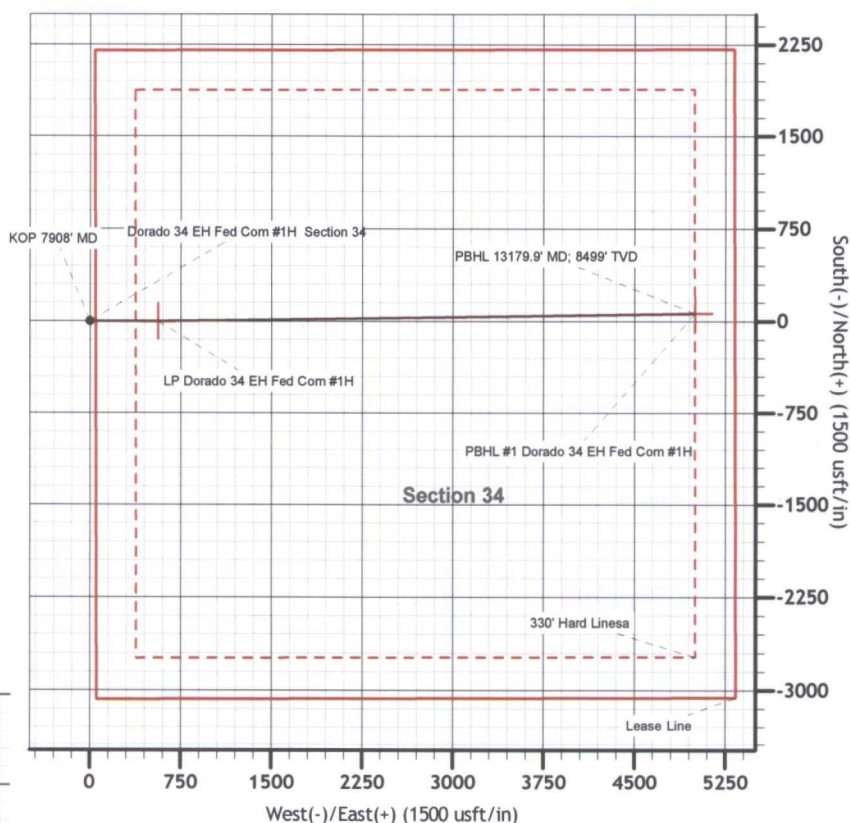
OFFICE: 936.582.7296



GEODETIC ZONE: New Mexico East 3001							
GL 3434 + 20 @ 3454.0usft (Patterson 41)							
GROUND ELEVATION: 3434.0							
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot	
0.0	0.0	620385.38	612367.27	32° 42' 18.018 N	103° 58' 4.910 W		

PLAN SECTIONS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	7909.4	0.00	0.00	7909.4	0.0	0.0	0.00	0.00	0.0	
3	8647.6	88.58	90.05	8386.7	-0.4	465.7	12.00	90.05	465.6	
4	8740.8	88.58	90.05	8389.0	-0.5	558.9	0.00	0.00	558.8	LP Dorado 34 EH Fed Com #1H
5	8829.0	88.58	89.17	8391.2	0.1	647.0	1.00	-90.16	647.0	
6	13181.3	88.58	89.17	8499.0	63.1	4997.6	0.00	0.00	4998.0	PBHL #1 Dorado 34 EH Fed Com #1H

Oil Conservation Division
Case No. 5
Exhibit No. 5



Survey Calculation Program

Mewbourne, Dorado 34 EH Fed Com #1H

34-18S-30E

Eddy County, New Mexico

MD (ft)	Incl.	Azim.	TVD (ft)	N-S (ft)	E-W (ft)	VS (ft)	DLS (°/100ft)
7925.00	1.88	90.05	7925.00	0.00	0.26	0.26	12.00
7950.00	4.88	90.05	7949.95	0.00	1.73	1.73	12.00
7975.00	7.88	90.05	7974.79	0.00	4.50	4.50	12.00
8000.00	10.88	90.05	7999.46	-0.01	8.57	8.57	12.00
8025.00	13.88	90.05	8023.87	-0.01	13.93	13.93	12.00
8050.00	16.88	90.05	8047.98	-0.02	20.56	20.56	12.00
8075.00	19.88	90.05	8071.70	-0.03	28.44	28.44	12.00
8100.00	22.88	90.05	8094.98	-0.03	37.55	37.55	12.00
8125.00	25.88	90.05	8117.75	-0.04	47.87	47.86	12.00
8150.00	28.88	90.05	8139.94	-0.05	59.36	59.36	12.00
8175.00	31.88	90.05	8161.51	-0.07	72.00	71.99	12.00
8200.00	34.88	90.05	8182.38	-0.08	85.75	85.74	12.00
8225.00	37.88	90.05	8202.51	-0.09	100.58	100.57	12.00
8250.00	40.88	90.05	8221.83	-0.11	116.43	116.42	12.00
8275.00	43.88	90.05	8240.30	-0.12	133.28	133.27	12.00
8300.00	46.88	90.05	8257.86	-0.14	151.07	151.06	12.00
8325.00	49.88	90.05	8274.46	-0.15	169.76	169.74	12.00
8350.00	52.88	90.05	8290.07	-0.17	189.29	189.27	12.00
8375.00	55.88	90.05	8304.63	-0.19	209.61	209.59	12.00
8400.00	58.88	90.05	8318.10	-0.21	230.66	230.64	12.00
8425.00	61.88	90.05	8330.46	-0.23	252.39	252.37	12.00
8450.00	64.88	90.05	8341.66	-0.25	274.74	274.71	12.00
8475.00	67.88	90.05	8351.68	-0.27	297.64	297.61	12.00
8500.00	70.88	90.05	8360.49	-0.29	321.03	321.00	12.00
8525.00	73.88	90.05	8368.06	-0.31	344.86	344.83	12.00
8550.00	76.88	90.05	8374.37	-0.33	369.04	369.01	12.00

8575.00	79.88	90.05	8379.40	-0.36	393.53	393.49	12.00
8600.00	82.88	90.05	8383.15	-0.38	418.24	418.20	12.00
8625.00	85.88	90.05	8385.60	-0.40	443.12	443.08	12.00
8647.57	88.58	90.05	8386.69	-0.42	465.66	465.61	12.00
8700.00	88.58	90.05	8387.99	-0.47	518.07	518.03	0.00
8740.82	88.58	90.05	8389.00	-0.51	558.88	558.83	0.00
8800.00	88.58	89.46	8390.46	-0.25	618.04	617.99	1.00
8828.99	88.58	89.17	8391.18	0.09	647.02	646.97	1.00
8900.00	88.58	89.17	8392.94	1.12	718.00	717.96	0.00
9000.00	88.58	89.17	8395.42	2.57	817.96	817.93	0.00
9100.00	88.58	89.17	8397.90	4.02	917.92	917.90	0.00
9200.00	88.58	89.17	8400.37	5.47	1017.88	1017.87	0.00
9300.00	88.58	89.17	8402.85	6.92	1117.84	1117.84	0.00
9400.00	88.58	89.17	8405.33	8.36	1217.80	1217.81	0.00
9500.00	88.58	89.17	8407.81	9.81	1317.76	1317.77	0.00
9600.00	88.58	89.17	8410.28	11.26	1417.71	1417.74	0.00
9700.00	88.58	89.17	8412.76	12.71	1517.67	1517.71	0.00
9800.00	88.58	89.17	8415.24	14.16	1617.63	1617.68	0.00
9900.00	88.58	89.17	8417.71	15.61	1717.59	1717.65	0.00
10000.00	88.58	89.17	8420.19	17.05	1817.55	1817.62	0.00
10100.00	88.58	89.17	8422.67	18.50	1917.51	1917.59	0.00
10200.00	88.58	89.17	8425.15	19.95	2017.47	2017.56	0.00
10300.00	88.58	89.17	8427.62	21.40	2117.43	2117.53	0.00
10400.00	88.58	89.17	8430.10	22.85	2217.39	2217.50	0.00
10500.00	88.58	89.17	8432.58	24.30	2317.34	2317.47	0.00
10600.00	88.58	89.17	8435.05	25.74	2417.30	2417.44	0.00
10700.00	88.58	89.17	8437.53	27.19	2517.26	2517.40	0.00
10800.00	88.58	89.17	8440.01	28.64	2617.22	2617.37	0.00
10900.00	88.58	89.17	8442.49	30.09	2717.18	2717.34	0.00
11000.00	88.58	89.17	8444.96	31.54	2817.14	2817.31	0.00
11100.00	88.58	89.17	8447.44	32.99	2917.10	2917.28	0.00
11200.00	88.58	89.17	8449.92	34.43	3017.06	3017.25	0.00
11300.00	88.58	89.17	8452.40	35.88	3117.01	3117.22	0.00
11400.00	88.58	89.17	8454.87	37.33	3216.97	3217.19	0.00

DORADO 34 EH FED COM 1H

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11500.00	88.58	89.17	8457.35	38.78	3316.93	3317.16	0.00
11600.00	88.58	89.17	8459.83	40.23	3416.89	3417.13	0.00
11700.00	88.58	89.17	8462.30	41.68	3516.85	3517.10	0.00
11800.00	88.58	89.17	8464.78	43.12	3616.81	3617.07	0.00
11900.00	88.58	89.17	8467.26	44.57	3716.77	3717.03	0.00
12000.00	88.58	89.17	8469.74	46.02	3816.73	3817.00	0.00
12100.00	88.58	89.17	8472.21	47.47	3916.69	3916.97	0.00
12200.00	88.58	89.17	8474.69	48.92	4016.64	4016.94	0.00
12300.00	88.58	89.17	8477.17	50.37	4116.60	4116.91	0.00
12400.00	88.58	89.17	8479.64	51.82	4216.56	4216.88	0.00
12500.00	88.58	89.17	8482.12	53.26	4316.52	4316.85	0.00
12600.00	88.58	89.17	8484.60	54.71	4416.48	4416.82	0.00
12700.00	88.58	89.17	8487.08	56.16	4516.44	4516.79	0.00
12800.00	88.58	89.17	8489.55	57.61	4616.40	4616.76	0.00
12900.00	88.58	89.17	8492.03	59.06	4716.36	4716.73	0.00
13000.00	88.58	89.17	8494.51	60.51	4816.31	4816.69	0.00
13100.00	88.58	89.17	8496.99	61.95	4916.27	4916.66	0.00
13181.33	88.58	89.17	8499.00	63.13	4997.57	4997.97	0.00