



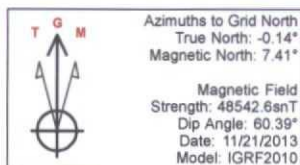
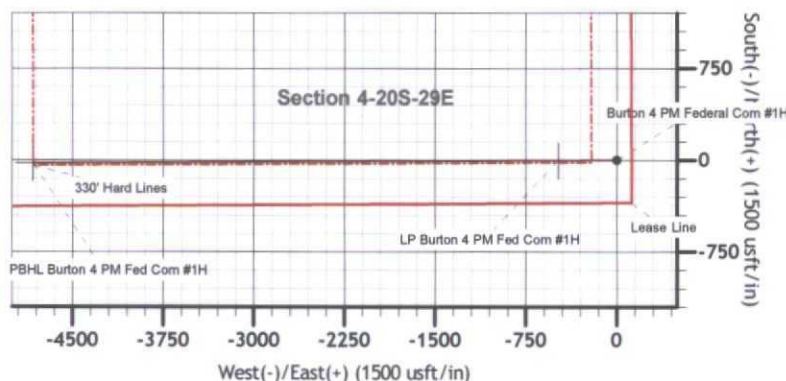
COMPANY: Mewbourne Oil Company
 WELL: Burton 4 PM Federal Com #1H
 COUNTY: Eddy County, New Mexico
 DATUM: NAD 1927 (NADCON CONUS)
 RIG: Patterson 41



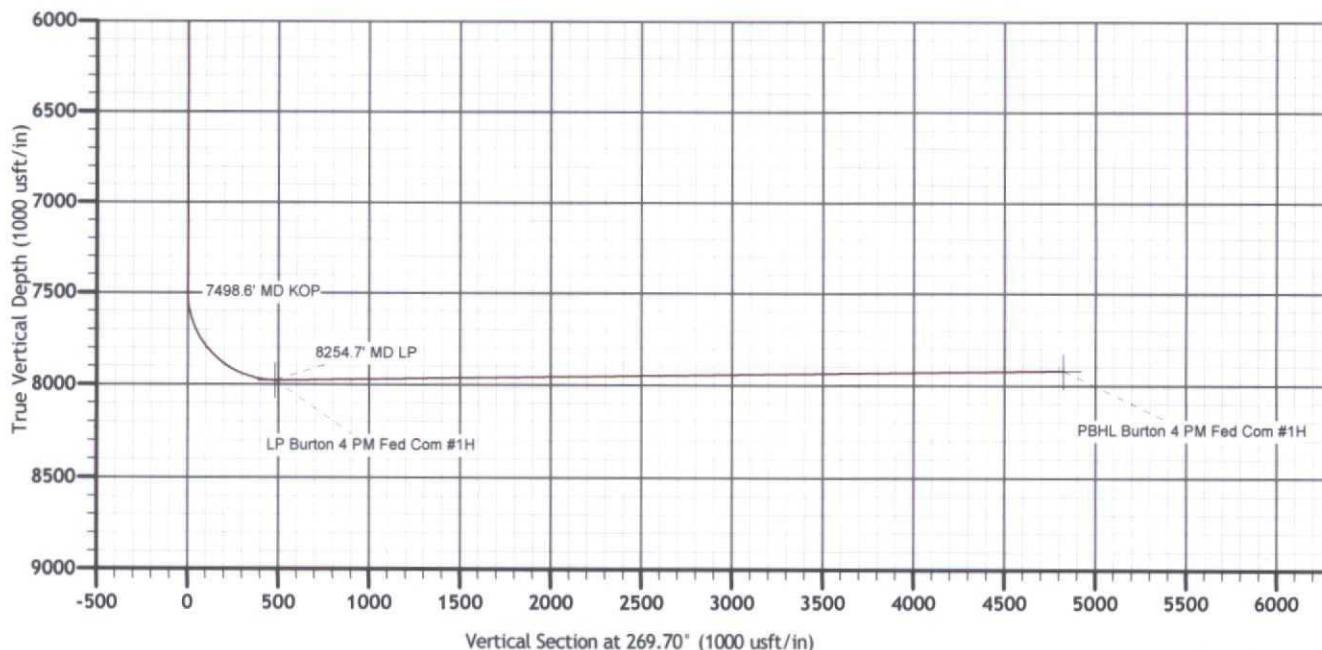
GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 7.40°

GEODETTIC ZONE: New Mexico East 3001					
GL3306 + 20 @ 3326.0usft (Patterson 41)					
GROUND ELEVATION: 3306.0					
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	580674.16	580685.63	32° 35' 45.980 N	104° 4' 16.838 W

PLAN SECTIONS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSeet	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	7498.6	0.00	0.00	7498.6	0.0	0.0	0.00	0.00	0.0	
3	8254.7	90.73	269.70	7976.0	-2.5	-483.5	12.00	269.70	483.5	
4	12597.1	90.73	269.70	7921.0	-25.2	-4825.6	0.00	0.00	4825.6	PBHL Burton 4 PM Fed Com #1H



Oil Conservation Division
 Case No. _____
 Exhibit No. 6



Survey Calculation Program

Mewbourne, Burton 4 PM Federal Com #1H

4-20S-29E

Eddy County, New Mexico

MD	Incl.	Azim.	TVD (ft)	N-S (ft)	E-W (ft)	VS (ft)	DLS (°/100ft)
7525.00	3.17	269.70	7524.99	0.00	-0.73	0.73	12.00
7550.00	6.17	269.70	7549.90	-0.01	-2.76	2.76	12.00
7575.00	9.17	269.70	7574.67	-0.03	-6.10	6.10	12.00
7600.00	12.17	269.70	7599.24	-0.06	-10.73	10.73	12.00
7625.00	15.17	269.70	7623.53	-0.09	-16.63	16.63	12.00
7650.00	18.17	269.70	7647.48	-0.12	-23.80	23.80	12.00
7675.00	21.17	269.70	7671.01	-0.17	-32.22	32.22	12.00
7700.00	24.17	269.70	7694.08	-0.22	-41.85	41.85	12.00
7725.00	27.17	269.70	7716.61	-0.28	-52.68	52.68	12.00
7750.00	30.17	269.70	7738.54	-0.34	-64.67	64.67	12.00
7775.00	33.17	269.70	7759.82	-0.41	-77.79	77.79	12.00
7800.00	36.17	269.70	7780.38	-0.48	-92.01	92.01	12.00
7825.00	39.17	269.70	7800.17	-0.56	-107.29	107.29	12.00
7850.00	42.17	269.70	7819.13	-0.65	-123.58	123.58	12.00
7875.00	45.17	269.70	7837.21	-0.74	-140.84	140.84	12.00
7900.00	48.17	269.70	7854.36	-0.83	-159.02	159.02	12.00
7925.00	51.17	269.70	7870.54	-0.93	-178.07	178.08	12.00
7950.00	54.17	269.70	7885.70	-1.04	-197.95	197.95	12.00
7975.00	57.17	269.70	7899.80	-1.14	-218.59	218.59	12.00
8000.00	60.17	269.70	7912.79	-1.25	-239.94	239.95	12.00
8025.00	63.17	269.70	7924.66	-1.37	-261.95	261.95	12.00
8050.00	66.17	269.70	7935.35	-1.49	-284.54	284.54	12.00
8075.00	69.17	269.70	7944.85	-1.61	-307.66	307.66	12.00
8100.00	72.17	269.70	7953.13	-1.73	-331.25	331.25	12.00
8125.00	75.17	269.70	7960.16	-1.86	-355.24	355.24	12.00
8150.00	78.17	269.70	7965.92	-1.98	-379.56	379.56	12.00

8175.00	81.17	269.70	7970.40	-2.11	-404.15	404.16	12.00
8200.00	84.17	269.70	7973.59	-2.24	-428.94	428.95	12.00
8225.00	87.17	269.70	7975.48	-2.37	-453.87	453.87	12.00
8250.00	90.17	269.70	7976.06	-2.50	-478.86	478.86	12.00
8254.65	90.73	269.70	7976.03	-2.53	-483.51	483.52	12.00
8300.00	90.73	269.70	7975.45	-2.77	-528.85	528.86	0.00
8400.00	90.73	269.70	7974.18	-3.29	-628.84	628.85	0.00
8500.00	90.73	269.70	7972.92	-3.81	-728.84	728.84	0.00
8600.00	90.73	269.70	7971.65	-4.33	-828.83	828.84	0.00
8700.00	90.73	269.70	7970.38	-4.86	-928.82	928.83	0.00
8800.00	90.73	269.70	7969.12	-5.38	-1028.81	1028.82	0.00
8900.00	90.73	269.70	7967.85	-5.90	-1128.80	1128.81	0.00
9000.00	90.73	269.70	7966.58	-6.43	-1228.79	1228.80	0.00
9100.00	90.73	269.70	7965.31	-6.95	-1328.78	1328.80	0.00
9200.00	90.73	269.70	7964.05	-7.47	-1428.77	1428.79	0.00
9300.00	90.73	269.70	7962.78	-7.99	-1528.76	1528.78	0.00
9400.00	90.73	269.70	7961.51	-8.52	-1628.75	1628.77	0.00
9500.00	90.73	269.70	7960.25	-9.04	-1728.74	1728.76	0.00
9600.00	90.73	269.70	7958.98	-9.56	-1828.73	1828.76	0.00
9700.00	90.73	269.70	7957.71	-10.09	-1928.72	1928.75	0.00
9800.00	90.73	269.70	7956.44	-10.61	-2028.71	2028.74	0.00
9900.00	90.73	269.70	7955.18	-11.13	-2128.70	2128.73	0.00
10000.00	90.73	269.70	7953.91	-11.65	-2228.69	2228.72	0.00
10100.00	90.73	269.70	7952.64	-12.18	-2328.68	2328.72	0.00
10200.00	90.73	269.70	7951.38	-12.70	-2428.68	2428.71	0.00
10300.00	90.73	269.70	7950.11	-13.22	-2528.67	2528.70	0.00
10400.00	90.73	269.70	7948.84	-13.75	-2628.66	2628.69	0.00
10500.00	90.73	269.70	7947.57	-14.27	-2728.65	2728.68	0.00
10600.00	90.73	269.70	7946.31	-14.79	-2828.64	2828.68	0.00
10700.00	90.73	269.70	7945.04	-15.31	-2928.63	2928.67	0.00
10800.00	90.73	269.70	7943.77	-15.84	-3028.62	3028.66	0.00
10900.00	90.73	269.70	7942.51	-16.36	-3128.61	3128.65	0.00
11000.00	90.73	269.70	7941.24	-16.88	-3228.60	3228.64	0.00
11100.00	90.73	269.70	7939.97	-17.41	-3328.59	3328.64	0.00

11200.00	90.73	269.70	7938.70	-17.93	-3428.58	3428.63	0.00
11300.00	90.73	269.70	7937.44	-18.45	-3528.57	3528.62	0.00
11400.00	90.73	269.70	7936.17	-18.97	-3628.56	3628.61	0.00
11500.00	90.73	269.70	7934.90	-19.50	-3728.55	3728.60	0.00
11600.00	90.73	269.70	7933.64	-20.02	-3828.54	3828.60	0.00
11700.00	90.73	269.70	7932.37	-20.54	-3928.53	3928.59	0.00
11800.00	90.73	269.70	7931.10	-21.07	-4028.52	4028.58	0.00
11900.00	90.73	269.70	7929.83	-21.59	-4128.52	4128.57	0.00
12000.00	90.73	269.70	7928.57	-22.11	-4228.51	4228.56	0.00
12100.00	90.73	269.70	7927.30	-22.63	-4328.50	4328.56	0.00
12200.00	90.73	269.70	7926.03	-23.16	-4428.49	4428.55	0.00
12300.00	90.73	269.70	7924.76	-23.68	-4528.48	4528.54	0.00
12400.00	90.73	269.70	7923.50	-24.20	-4628.47	4628.53	0.00
12500.00	90.73	269.70	7922.23	-24.73	-4728.46	4728.52	0.00
12597.11	90.73	269.70	7921.00	-25.23	-4825.56	4825.63	0.00