



COMPANY: Mewbourne Oil Company .
WELL: Glock 17 LI Federal #1H
COUNTY: Eddy County, New Mexico
DATUM: NAD 1927 (NADCON CONUS)
RIG: Patterson #45



GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 7.39°

OFFICE: 936.582.7296

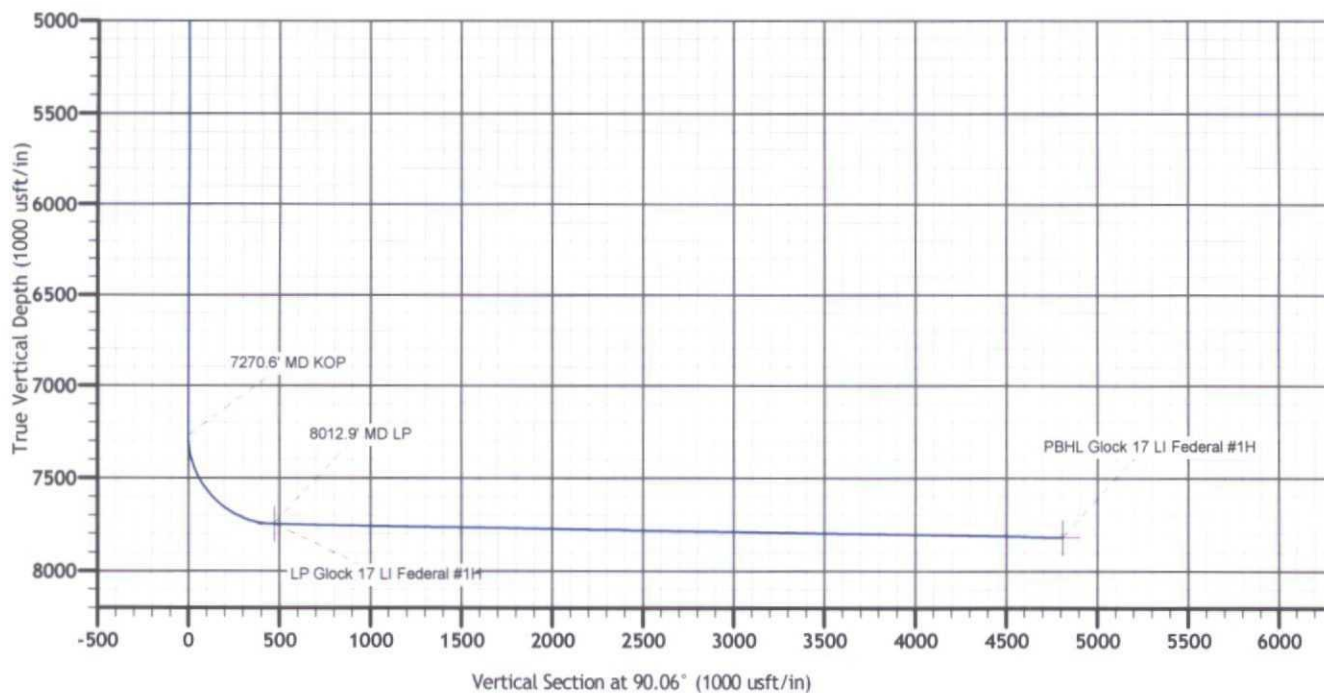
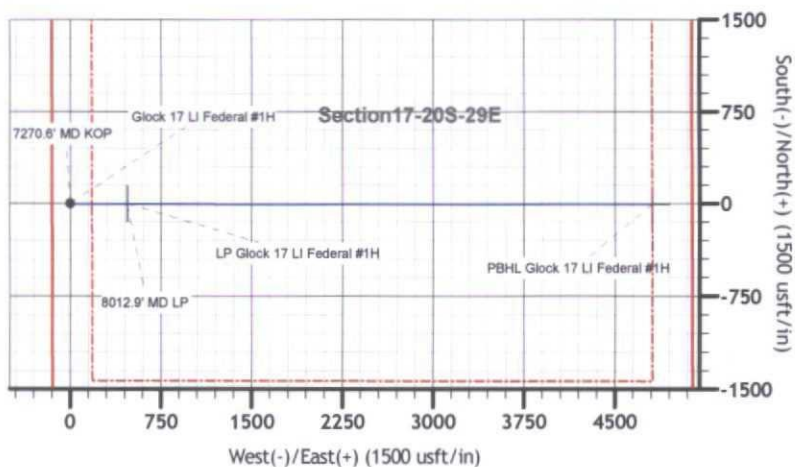
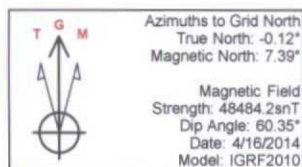
GEODETIC ZONE: New Mexico East 3001							
GL 3278 + 20 @ 3298.0usft (Patterson #45)							
GROUND ELEVATION: 3278.0							
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot	
0.0	0.0	571502.80	570403.30	32° 34' 15.457 N	104° 6' 17.261 W		

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	7270.6	0.00	0.00	7270.6	0.0	0.0	0.00	0.00	0.0	
3	8012.9	89.08	90.06	7748.0	-0.5	469.8	12.00	90.06	469.8	
4	12353.5	89.08	90.06	7818.0	-5.4	4809.8	0.00	0.00	4809.8	PBHL Glock 17 LI Federal #1H

Oil Conservation Division

Case No. 15142

Exhibit No. 11



GLOCK 17 LI FED 1H

Survey Calculation Program
Mewbourne Oil Co.
Glock 17 LI Fed 1H
Section 17-20S-29E
Eddy County, New Mexico

MD (FT)	INCL.	AZIM.	TVD (FT)	N-S (FT)	E-W (FT)	VS (FT)	DLS (* /100 FT)
7275.00	0.53	90.06	7275.00	0.00	0.02	0.02	12.00
7300.00	3.53	90.06	7299.98	0.00	0.90	0.90	12.00
7325.00	6.53	90.06	7324.88	0.00	3.10	3.10	12.00
7350.00	9.53	90.06	7349.63	-0.01	6.59	6.59	12.00
7375.00	12.53	90.06	7374.17	-0.01	11.37	11.37	12.00
7400.00	15.53	90.06	7398.42	-0.02	17.43	17.43	12.00
7425.00	18.53	90.06	7422.32	-0.03	24.75	24.75	12.00
7450.00	21.53	90.06	7445.81	-0.04	33.31	33.31	12.00
7475.00	24.53	90.06	7468.81	-0.05	43.09	43.09	12.00
7500.00	27.53	90.06	7491.28	-0.06	54.06	54.06	12.00
7525.00	30.53	90.06	7513.13	-0.07	66.19	66.19	12.00
7550.00	33.53	90.06	7534.33	-0.09	79.44	79.44	12.00
7575.00	36.53	90.06	7554.79	-0.10	93.79	93.79	12.00
7600.00	39.53	90.06	7574.48	-0.12	109.19	109.19	12.00
7625.00	42.53	90.06	7593.34	-0.14	125.60	125.60	12.00
7650.00	45.53	90.06	7611.32	-0.16	142.97	142.97	12.00
7675.00	48.53	90.06	7628.35	-0.18	161.26	161.26	12.00
7700.00	51.53	90.06	7644.41	-0.20	180.42	180.42	12.00
7725.00	54.53	90.06	7659.45	-0.22	200.39	200.39	12.00
7750.00	57.53	90.06	7673.42	-0.25	221.12	221.12	12.00
7775.00	60.53	90.06	7686.28	-0.27	242.55	242.55	12.00
7800.00	63.53	90.06	7698.00	-0.30	264.63	264.63	12.00
7825.00	66.53	90.06	7708.56	-0.32	287.29	287.29	12.00
7850.00	69.53	90.06	7717.91	-0.35	310.47	310.47	12.00
7875.00	72.53	90.06	7726.04	-0.37	334.11	334.11	12.00
7900.00	75.53	90.06	7732.91	-0.40	358.14	358.14	12.00
7925.00	78.53	90.06	7738.53	-0.43	382.50	382.50	12.00
7950.00	81.53	90.06	7742.85	-0.45	407.12	407.12	12.00
7975.00	84.53	90.06	7745.89	-0.48	431.93	431.93	12.00
8000.00	87.53	90.06	7747.62	-0.51	456.87	456.87	12.00
8012.90	89.08	90.06	7748.00	-0.52	469.76	469.77	12.00
8100.00	89.08	90.06	7749.41	-0.62	556.85	556.85	0.00
8200.00	89.08	90.06	7751.02	-0.73	656.84	656.84	0.00
8300.00	89.08	90.06	7752.63	-0.84	756.83	756.83	0.00

GLOCK 17 LI FED 1H

8400.00	89.08	90.06	7754.25	-0.96	856.81	856.81	0.00
8500.00	89.08	90.06	7755.86	-1.07	956.80	956.80	0.00
8600.00	89.08	90.06	7757.47	-1.18	1056.79	1056.79	0.00
8700.00	89.08	90.06	7759.08	-1.29	1156.78	1156.78	0.00
8800.00	89.08	90.06	7760.70	-1.40	1256.76	1256.76	0.00
8900.00	89.08	90.06	7762.31	-1.51	1356.75	1356.75	0.00
9000.00	89.08	90.06	7763.92	-1.63	1456.74	1456.74	0.00
9100.00	89.08	90.06	7765.53	-1.74	1556.72	1556.72	0.00
9200.00	89.08	90.06	7767.15	-1.85	1656.71	1656.71	0.00
9300.00	89.08	90.06	7768.76	-1.96	1756.70	1756.70	0.00
9400.00	89.08	90.06	7770.37	-2.07	1856.68	1856.68	0.00
9500.00	89.08	90.06	7771.98	-2.18	1956.67	1956.67	0.00
9600.00	89.08	90.06	7773.60	-2.30	2056.66	2056.66	0.00
9700.00	89.08	90.06	7775.21	-2.41	2156.64	2156.65	0.00
9800.00	89.08	90.06	7776.82	-2.52	2256.63	2256.63	0.00
9900.00	89.08	90.06	7778.43	-2.63	2356.62	2356.62	0.00
10000.00	89.08	90.06	7780.05	-2.74	2456.61	2456.61	0.00
10100.00	89.08	90.06	7781.66	-2.85	2556.59	2556.59	0.00
10200.00	89.08	90.06	7783.27	-2.97	2656.58	2656.58	0.00
10300.00	89.08	90.06	7784.88	-3.08	2756.57	2756.57	0.00
10400.00	89.08	90.06	7786.50	-3.19	2856.55	2856.55	0.00
10500.00	89.08	90.06	7788.11	-3.30	2956.54	2956.54	0.00
10600.00	89.08	90.06	7789.72	-3.41	3056.53	3056.53	0.00
10700.00	89.08	90.06	7791.34	-3.52	3156.51	3156.52	0.00
10800.00	89.08	90.06	7792.95	-3.64	3256.50	3256.50	0.00
10900.00	89.08	90.06	7794.56	-3.75	3356.49	3356.49	0.00
11000.00	89.08	90.06	7796.17	-3.86	3456.47	3456.48	0.00
11100.00	89.08	90.06	7797.79	-3.97	3556.46	3556.46	0.00
11200.00	89.08	90.06	7799.40	-4.08	3656.45	3656.45	0.00
11300.00	89.08	90.06	7801.01	-4.19	3756.44	3756.44	0.00
11400.00	89.08	90.06	7802.62	-4.30	3856.42	3856.42	0.00
11500.00	89.08	90.06	7804.24	-4.42	3956.41	3956.41	0.00
11600.00	89.08	90.06	7805.85	-4.53	4056.40	4056.40	0.00
11700.00	89.08	90.06	7807.46	-4.64	4156.38	4156.39	0.00
11800.00	89.08	90.06	7809.07	-4.75	4256.37	4256.37	0.00
11900.00	89.08	90.06	7810.69	-4.86	4356.36	4356.36	0.00
12000.00	89.08	90.06	7812.30	-4.97	4456.34	4456.35	0.00
12100.00	89.08	90.06	7813.91	-5.09	4556.33	4556.33	0.00
12200.00	89.08	90.06	7815.52	-5.20	4656.32	4656.32	0.00
12300.00	89.08	90.06	7817.14	-5.31	4756.30	4756.31	0.00
12353.51	89.08	90.06	7818.00	-5.37	4809.80	4809.81	0.00