



COMPANY: Mewbourne Oil Company
WELL: Sapphire 11/12 B3MN St Com 2H
COUNTY: Eddy County, N.M. Nad (83)
DATUM: North American Datum 1983
RIG: Patterson 560

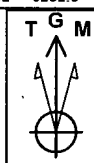


OFFICE: 936.582.7296

GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 6.89°

GEODETIC ZONE: New Mexico Eastern Zone									
3375 + 27 @ 3402.0usft (Patterson 560)									
GROUND ELEVATION: 3375.0									
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot			
0.0	0.0	608146.60	627547.20	32° 40'	17.499 N	104° 3'	11.398 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	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	1841.2	5.12	208.04	1840.7	-13.4	-7.2	1.50	208.04	-5.5	
4	8084.6	5.12	208.04	8059.3	-505.0	-269.0	0.00	0.00	-207.7	
5	8425.8	0.00	0.00	8400.0	-518.4	-276.2	1.50	180.00	-213.2	B.B. Sapphire 11 12 B3MN St Com 2H
6	8554.6	0.00	0.00	8528.8	-518.4	-276.2	0.00	0.00	-213.2	
7	9289.9	88.24	108.00	9006.0	-661.4	164.0	12.00	108.00	240.7	
8	10461.5	88.25	90.42	9042.2	-848.1	1315.4	1.50	-90.23	1406.1	
9	16685.1	88.25	90.42	9232.0	-893.5	7536.0	0.00	0.00	7588.7	PRHL Sapphire 11 12 B3MN St Com #2H



Azimuths to Grid North
True North: -0.15°
Magnetic North: 6.89°

Magnetic Field
Strength: 47992.8snT
Dip Angle: 60.38°
Date: 01/02/2019
Model: IGRF2015

SHL: 1300' FSL; 285' FWL
Section 11-19S-29E
PBHL: 450 FSL; 2538' FWL
Section 12-19S-29E

