



Project: Lea Co, NM (NAD 27)
 Site: Sec 8-T10S-R33E
 Well: Angel Eyes 17 State #1H
 Wellbore: HZ [346737]
 Design: FINAL
 Gravity: 0.9985g



Azimuths to Grid North
 True North: -0.41°
 Magnetic North: 6.55°

Magnetic Field
 Strength: 48664.7 nT
 Dip Angle: 61.27°
 Date: 2/26/2018
 Model: HDGM

4204.00
 +N/-S 0.00 +E/-W 0.00 Northing 893687.10 Easting 728634.50 Latitude 33° 27' 16.10 N Longitude 103° 35' 1.41 W

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Annotation
1852.00	1.00	283.29	1851.88	-0.84	-11.97	3.68	Last Gyro Survey
4380.00	47.36	195.10	4315.99	-200.56	-40.45	204.41	Section Line Crossing
4760.00	89.90	197.67	4444.30	-530.62	-132.26	546.86	FTP - N. Hard Line Crossing
9431.00	91.30	179.40	4449.77	-5176.35	-123.38	5055.00	Last CES Survey
9475.00	91.30	179.40	4448.77	-5220.34	-122.92	5097.59	LTP - S. Hard Line Crossing
9500.00	91.30	179.40	4448.20	-5245.33	-122.66	5121.79	Actual BHL

LP TARGET LINE
 90.0° INC @ 4444' TVD @ 616' VS
 10' Up / 10' Down
 30' Left / 30' Right

Actual Bottom Hole Location
 305' FSL / 789' FEL
 X:728511.84 Y:888441.77

