

30-015-41039



Phoenix Technology Services
Phoenix Final Survey Report



Company:	Borco L P	Local Co-ordinate Reference:	Well #331H
Project:	Eddy County, NM (NAD27-NME)	TVD Reference:	KB @ 3467.00usft (McVay 5)
Site:	Poker Lake Unit	MD Reference:	KB @ 3467.00usft (McVay 5)
Well:	#331H	North Reference:	Grid
Wellbore:	Wellbore #1 / Job #1310361	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (McVay 5)	Database:	GCR DB

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V Sec (usft)	DLeg (usft)
13,958.00	93.70	127.50	7,792.79	-4,388.23	4,913.45	6,587.69	0.83
14,053.00	93.30	130.10	7,786.99	-4,447.65	4,987.34	6,682.36	2.76
14,148.00	90.70	132.10	7,783.67	-4,510.05	5,058.87	6,777.28	3.45
14,243.00	89.10	134.60	7,783.84	-4,575.26	5,127.95	6,872.24	3.12
14,338.00	89.00	137.60	7,785.41	-4,643.69	5,193.80	6,966.97	3.16
14,388.00	90.20	138.30	7,785.76	-4,680.82	5,227.29	7,016.70	2.78
Phoenix Last MWD Survey							
14,453.00	90.20	138.30	7,785.53	-4,729.35	5,270.53	7,081.31	0.00
Projection to TD							

Survey Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		N/S (usft)	E/W (usft)	
6,961.51	6,960.37	-60.84	4.58	Tie-on to Gyro Survey
7,044.00	7,042.82	-63.10	5.55	Phoenix First MWD Survey
14,388.00	7,785.76	-4,680.82	5,227.29	Phoenix Last MWD Survey
14,453.00	7,785.53	-4,729.35	5,270.53	Projection to TD

Checked By: _____	Approved By: _____	Date: _____
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