



Project: Eddy County, NM (NAD27 NME)
Site: Pium 15 Fee
Well: #1H
Wellbore: WB1
Design: Plan #5 03-30-15
Rig: Silver Oak 3



Altimeter to Grid North
True North: 0.03°
Magnetic North: 7.88°
Magnetic Field
Strength: 48491.8nT
Dip Angle: 66.45°
Date: 12/16/2014
Model: IGRF2010_14

WELL DETAILS									
	+N-S	+E-W	North	East	Latitude	Longitude			
	0.00	0.00	635620.10	489901.80	32° 44' 50.6970 N	104° 22' 45.07921 W			

SECTION DETAILS									
Sec	MD	Inc	Act	TVD	+N-S	+E-W	Mag	TFace	VFace
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	2340.00	0.00	0.00	2340.00	0.00	0.00	0.00	0.00	0.00
3	3082.73	90.50	103.49	2790.85	-122.37	510.82	11.00	103.49	514.80
4	3182.73	90.50	103.49	2790.85	-140.89	608.16	0.00	0.00	612.89
5	3618.97	90.50	89.86	2795.99	-188.58	1058.24	3.00	-89.84	1064.54
6	7931.61	90.50	89.86	2718.28	-188.35	5372.70	0.00	0.00	5376.00

Annotation: KOP, Start 11°10' Build
LP, Begin 3°10' Turn
Hold 90.5° inc, 103.49° Azm
Begin Hold 90.5° inc, 89.86° Azm
TO at 7931.61 MD

DESIGN TARGET DETAILS									
Name	TVD	+N-S	+E-W	North	East	Latitude	Longitude	Shape	
BHL-Pium 15 Fee #1H v5	2718.28	-188.35	5372.70	635431.90	491274.30	32° 44' 48.8199 N	104° 22' 42.16929 W	Point	
PP-Pium 15 Fee #1H v5	2758.67	-175.08	755.00	635445.02	489956.00	32° 44' 48.93028 N	104° 22' 36.23802 W	Point	

Annotation: -plan info target center
-plan info target center

FORMATION TOP DETAILS					
TVDPath	MDPath	Formation	DipAngle	DipDir	
2780.87	3043.75	TL 2785 TVD @ 0.1VZ 90.5° inc	-0.50	91.88	

LEGEND	
Plan #5 03-30-15	

Map System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONJUS)
Ellipsoid: Clarke 1866
Zone Name: New Mexico East 3001
Local Origin: Well #1H, Grid North
Latitude: 32° 44' 50.6970 N
Longitude: 104° 22' 45.07921 W
Grid East: 489901.80
Grid North: 635620.10
Scale Factor: 1.000
Geomagnetic Model: IGRF2010_14
Sample Date: 16-Dec-14
Magnetic Declination: 7.57°
Dip Angle from Horizontal: 60.45°
Magnetic Field Strength: 48492
To convert a Magnetic Direction to a Grid Direction, Add 7.59°
To convert a Magnetic Direction to a True Direction, Add 7.57° East
To convert a True Direction to a Grid Direction, Add 0.02°

