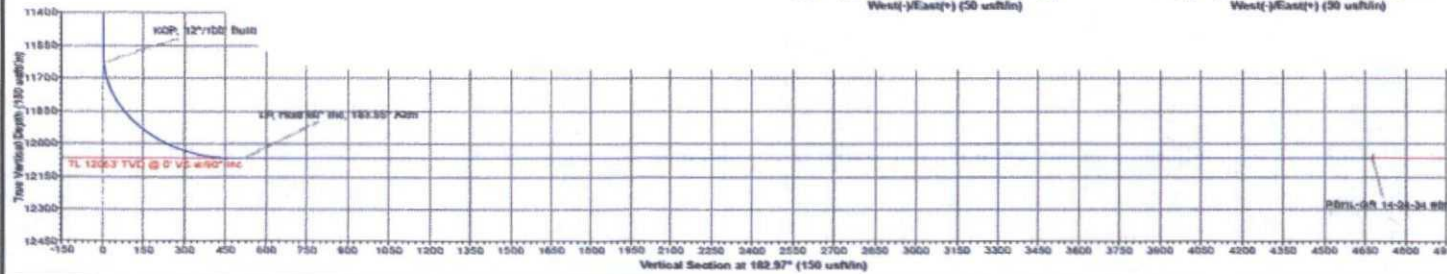
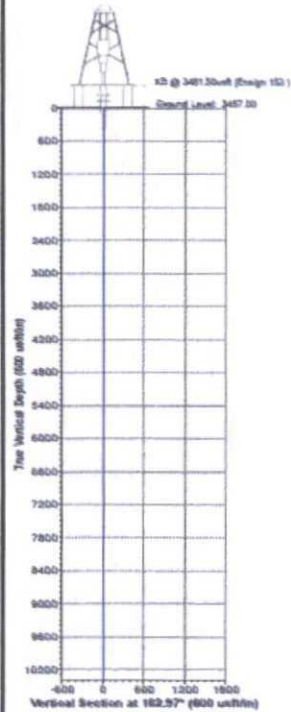


# Gamma Ridge 8H: API 30-025-42060



Project: Lea County NM (NAD27 NME)  
 Site: Gamma Ridge 14-24-34  
 Well: #8H  
 Wellbore: WB1  
 Design: Plan #1 07-25-14  
 Rig: Ensign 153

Azimuths to Grid North  
 True North: -0.48°  
 Magnetic North: 5.67°  
 Magnetic Pole  
 Strength: 48327.5anT  
 Dip Angle: 66.13°  
 Date: 08/24/2014  
 Model: IGRF2010\_14

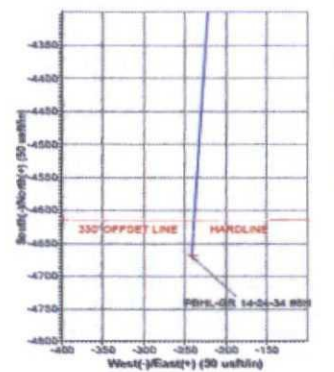
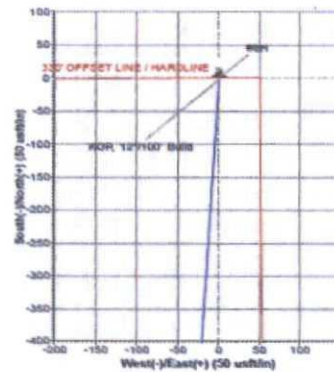


WELL DETAILS					
-N/+S	-E/+W	Northng	Ground Level	Latitude	Longitude
0.00	0.00	446283.00	778437.20	32° 13' 25.47118 N	103° 38' 58.64493 W

SECTION DETAILS										
Sec	MD	Inc	Azi	TVd	-N/+S	-E/+W	Dipg	TFace	VStat	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	11885.54	0.00	0.00	11885.54	0.00	0.00	0.00	0.00	0.00	
3	13336.94	90.00	182.97	12063.00	-476.92	-24.71	12.00	182.97	477.46	
4	16533.34	90.00	182.97	12063.00	-4668.00	-342.00	0.00	0.00	4676.27	PBR1-GR 14-24-34 #8H

DESIGN TARGET DETAILS									
Name	TVd	-N/+S	-E/+W	Northng	Eastng	Latitude	Longitude	Shape	
PBR1-GR 14-24-34 #8H	12063.00	-4668.00	-342.00	446164.00	778195.00	32° 12' 38.29069 N	103° 38' 1.91671 W	Point	

**LEGEND**  
 — Plan #1 07-25-14



Map System: US State Plane 1927 (Exact solution)  
 Datum: NAD 1927 (NADCON CONUS)  
 Ellipsoid: Clarke 1866  
 Zone Name: New Mexico East 3001  
 Local Origin: West #8H, Grid North  
 Latitude: 32° 13' 25.47118 N  
 Longitude: 103° 38' 58.64493 W  
 Grid East: 778437.20  
 Grid North: 446283.00  
 Scale Factor: 1.000  
 Geomagnetic Model: IGRF2010\_14  
 Sample Date: 24-Jun-14  
 Magnetic Declination: 7.15°  
 Dip Angle from Horizontal: 66.13°  
 Magnetic Field Strength: 48328

To convert a Magnetic Direction to a Grid Direction, Add 6.67°  
 To convert a Magnetic Direction to a True Direction, Add 7.15° East  
 To convert a True Direction to a Grid Direction, Subtract 0.48°

FORMATION TOP DETAILS					
TVdPath	MDPath	Formation	DipAngle	DipDir	
12063.00	12335.94	TL 12063 TVd @ 0° VP w/90° Inc	0.00	182.97	

