



Project: Eddy County
Site: Haracz "AMO" Federal
Well: #9H
Wellbore: OH
Plan: Plan #2 (#9H/OH)



Azimuths to Grid North
True North: -0.31°
Magnetic North: 7.55°

Magnetic Field
Strength: 48792.5nT
Dip Angle: 60.19°
Date: 08/15/2009
Model: IGRF200510

PATHFINDER

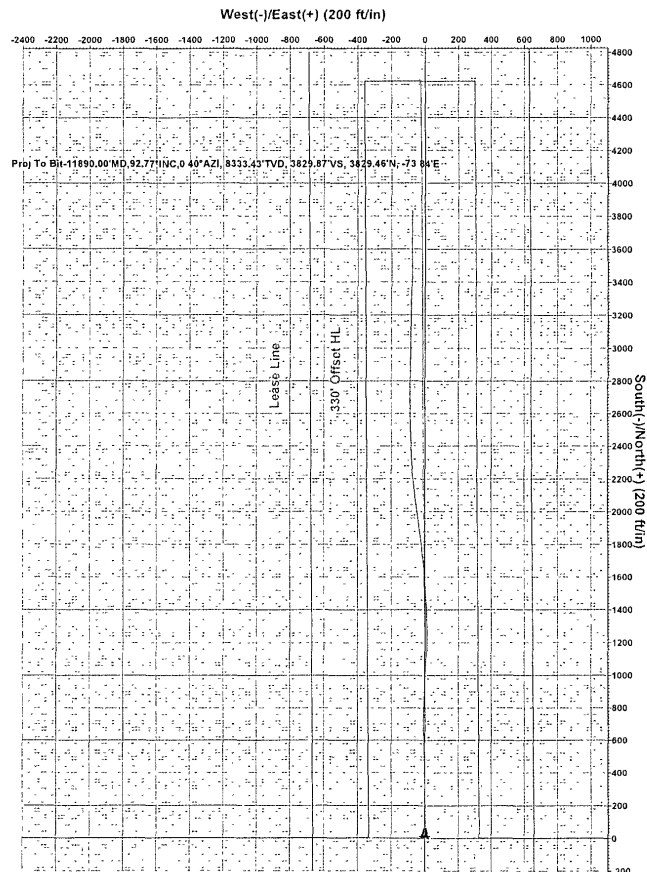
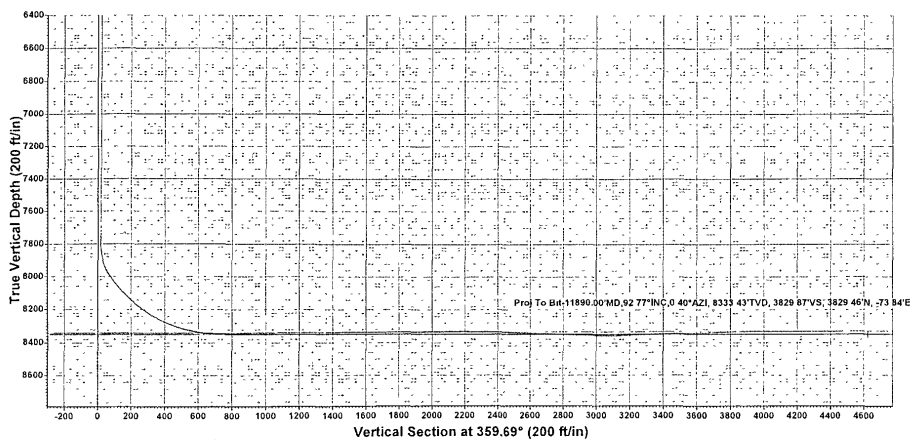
PROJECT DETAILS: Eddy County
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level
Local North: Grid

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec	Target
1	8349.00	57.68	0.35	8231.59	316.38	1.24	0.00	0.00	316.37	
2	8780.45	90.00	359.62	8350.00	725.30	0.91	7.48	-1.37	725.29	
3	12677.94	90.00	359.62	8350.00	4622.71	-24.94	0.00	0.00	4622.78	PBHL(HZ#9H)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)					
Name	TVD	+N-S	+E-W	Northing	Eastings
PBHL(HZ#9H)	8350.00	4622.68	-30.88	440290.289	724165.890

WELL DETAILS #9H						
Ground Elevation		3549.00				
RKB Elevation		WELL @ 3567.00R (18' KB Silver Oak #10)				
Rig Name		18' KB Silver Oak #10				
+N-S	+E-W	Northing	Eastings	Latitude	Longitude	Slot
0.00	0.00	435667.509	724196.772	32° 11' 46.845 N	103° 44' 31.860 W	

EOC TGT Window 20' Below Plan Line
10' Above Plan Line
TOE TGT Window 20' Below Plan Line
20' Above Plan Line



Plan Plan #2 (#9H/OH)	
Created By: Nate Bingham	Date: 19 30, September 15 2009
Checked: _____	Date: _____