



Azimuths to True North  
Magnetic North: 9.04°

Magnetic Field  
Strength: 53426.9snT  
Dip Angle: 67.34°  
Date: 2/25/2010  
Model: IGRF2010

# Rubicon Oil & Gas

County: Weld County  
Well: Pawnee 3-36-1  
Wellbore: Single Lateral  
Design: Plan 2  
Rig: Ensign 14

## SITE DETAILS

Legal Location: Sec. 36-T9N-R66W  
Site Centre Latitude: 40° 41' 48.869 N  
Longitude: 104° 43' 3.266 W  
Ref. Datum: Est. RKB @ 5116.0ft (Ensign 14)  
Positional Uncertainty: 0.0  
Convergence: 0.51

## PROJECT DETAILS

Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: Colorado Northern Zone  
System Datum: Mean Sea Level  
Local North: True

## CASING DETAILS

TVD	MD	Name	Size
7300.07571.5	Intermediate	7"	

## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	6822.5	0.00	0.00	6822.5	0.0	0.0	0.00	0.00	0.0	
3	7572.5	90.00	0.66	7300.0	477.4	5.5	12.00	0.66	477.5	
4	11434.4	90.00	0.66	7300.0	4339.1	50.0	0.00	0.00	4339.4	PBHL_Pawnee 3-36-1

