



Azimuths to True North
Magnetic North: 9.13°

Magnetic Field
Strength: 53456.7snT
Dip Angle: 67.42°
Date: 5/5/2010
Model: IGRF2010

Rubicon Oil & Gas

County: Weld County
Well: Pawnee 10-67-16-1
Wellbore: Single Lateral
Design: Plan 1
Rig: Ensign 14

SITE DETAILS

Legal Location: Sec16-T10N-R67W
Site Centre Latitude: 40° 50' 21.930 N
Longitude: 104° 54' 6.973 W
Ref. Datum: Est. RKB @ 5624.7ft (Ensign 14)
Positional Uncertainty: 0.0
Convergence: 0.39

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
7780.0 8051.5 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	7302.5	0.00	0.00	7302.5	0.0	0.0	0.00	0.00	0.0	
3	8052.5	90.00	185.66	7780.0	-475.1	-47.1	12.00	185.66	477.5	
4	11551.5	90.00	185.66	7780.0	-3957.1	-392.0	0.00	0.00	3976.5	PBHL - Pawnee 10-67-16-1

