



Azimuths to True North
Magnetic North: 9.06°

Magnetic Field
Strength: 53493.9snT
Dip Angle: 67.47°
Date: 4/19/2010
Model: IGRF2010

Rubicon Oil & Gas

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

SITE DETAILS

Legal Location: Gov. Lot 4 - Sec. 2 - T10N - R66W
Site Centre Latitude: 40° 52' 6.272 N
Longitude: 104° 44' 58.985 W
Ref. Datum: Est. RKB @ 5506.0ft (Ensign 14)
Positional Uncertainty: 0.0
Convergence: 0.48

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
7375.07646.5 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	6897.5	0.00	0.00	6897.5	0.0	0.0	0.00	0.00	0.0	
3	7647.5	90.00	185.08	7375.0	-475.6	-42.3	12.00	185.08	477.5	
4	11135.6	90.00	185.08	7375.0	-3949.9	-351.0	0.00	0.00	3965.5	PBHL - Pawnee 1-2-1

