



Azimuths to True North
Magnetic North: 9.11°

Magnetic Field
Strength: 53454.9snT
Dip Angle: 67.40°
Date: 3/22/2010
Model: IGRF2010

Rubicon Oil & Gas

County: Weld County
Well: Pawnee 10-67-36-1
Wellbore: Single Lateral
Design: Plan 1
Rig: Ensign 14

SITE DETAILS

Legal Location: SEC 36-T10N-R67W
Site Centre Latitude: 40° 47' 48.610 N
Longitude: 104° 50' 46.032 W
Ref. Datum: Est. RKB @ 5448.3ft (Ensign 14)
Positional Uncertainty: 0.0
Convergence: 0.42

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
7440.077	11.5	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	6962.5	0.00	0.00	6962.5	0.0	0.0	0.00	0.00	0.0	
3	7712.5	90.00	180.68	7440.0	-477.4	-5.6	12.00	180.68	477.5	
4	11474.5	90.00	180.68	7440.0	-4239.1	-50.0	0.00	0.00	4239.4	PBHL - Pawnee 10-67-36-1

