

Wellstar Corporation
Three Rivers Unit 41-27
Jackson County, CO



Geodetic System: US State Plane 1983
Zone: Colorado Northern Zone
WELL @ 8391.6ft (Ungraded Ground Level)
Ground Level: 8391.6

Latitude: 40° 38' 29.240 N

Longitude: 106° 7' 27.820 W

Magnetic North is 9.53° East of True North (Magnetic Declination)

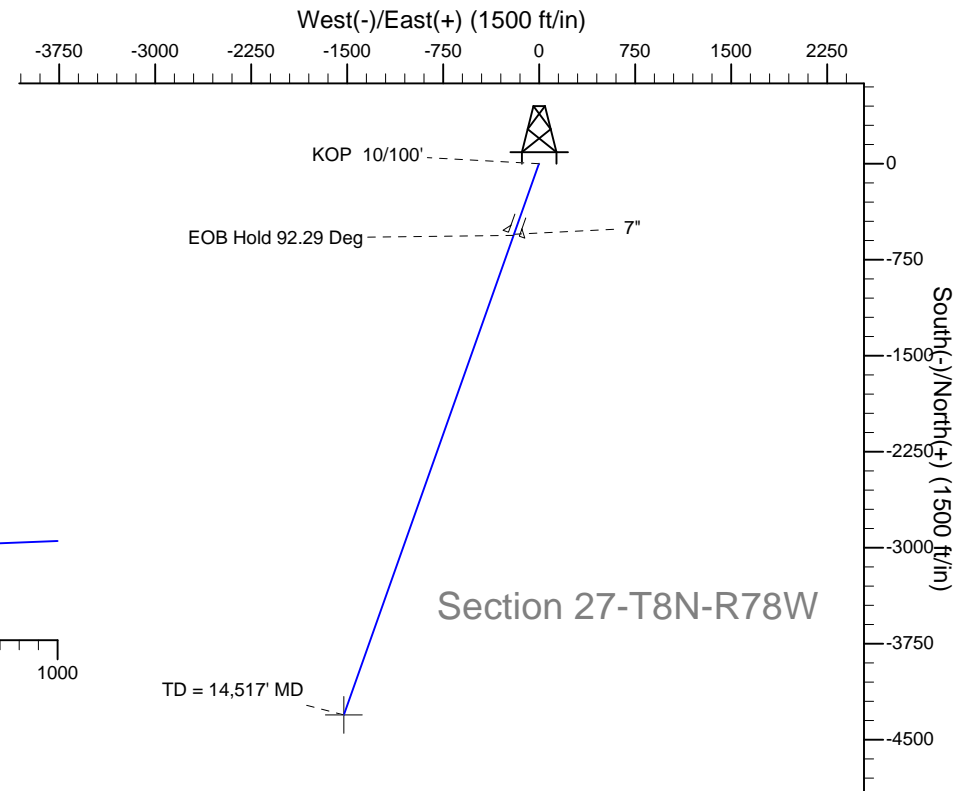
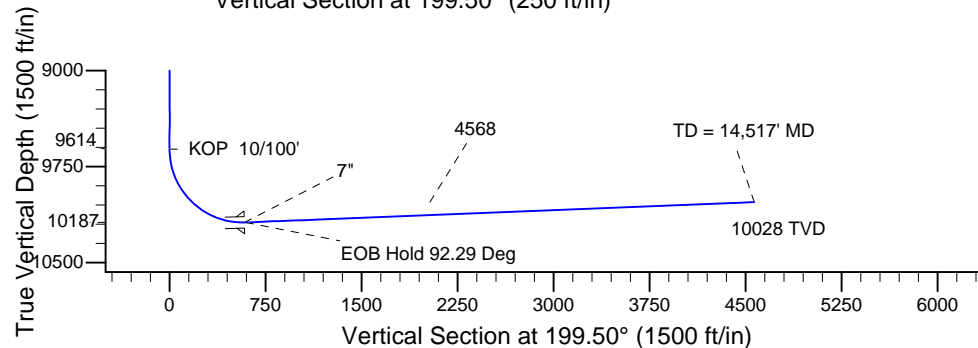
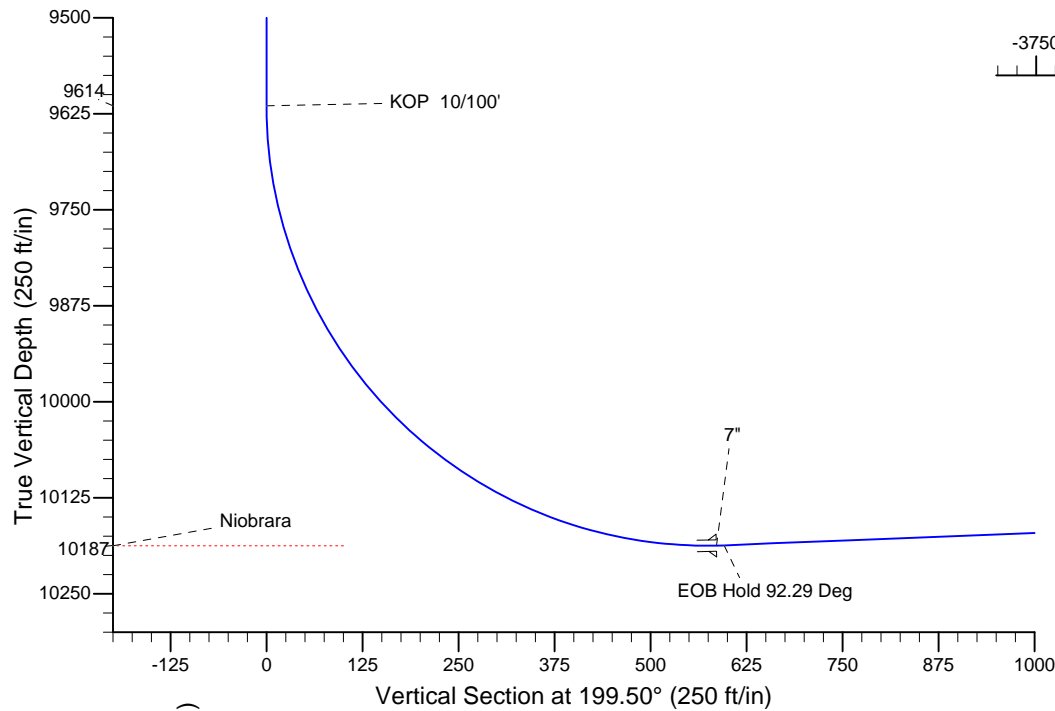


Azimuths to True North
Magnetic North: 9.53°

Magnetic Field
Strength: 53027.6nT
Dip Angle: 67.00°
Date: 12/02/2011
Model: IGRF2010

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
9614.5	0.00	0.00	9614.5	0.0	0.0	0.00	0.00	0.0	
10537.4	92.29	199.50	10187.0	-561.7	-198.9	10.00	199.50	595.9	
14513.7	92.29	199.50	10028.1	-4307.0	-1525.0	0.00	0.00	4569.0	Three Rivers PBHL



Plan: Preliminary Directional Plan for APD 12/02/11 (Three Rivers Unit 41-27/Wellbore #)

Created By: Mike Kirby Date: 9:21, December 02 2011
Checked: Date:
Reviewed: Date:
Approved: Date: