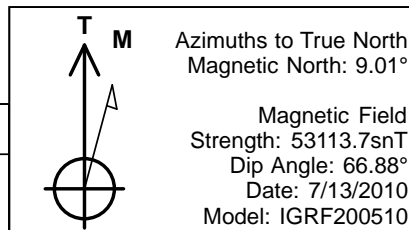




US ROCKIES REGION PLANNING

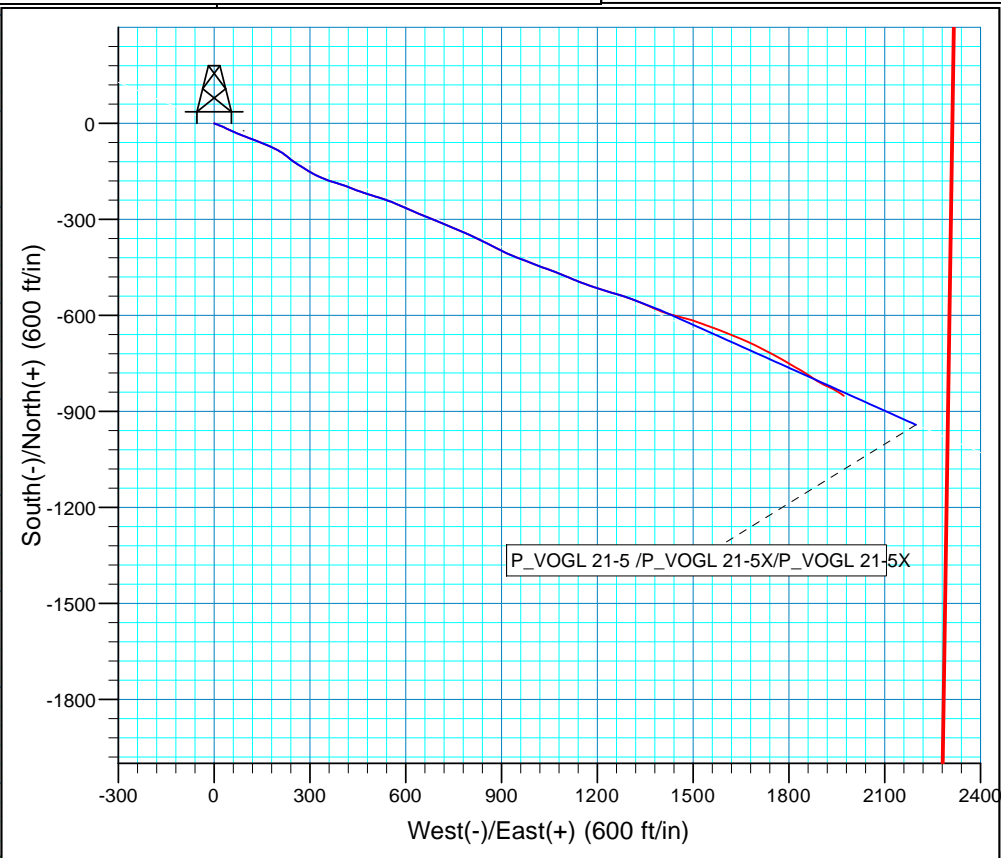
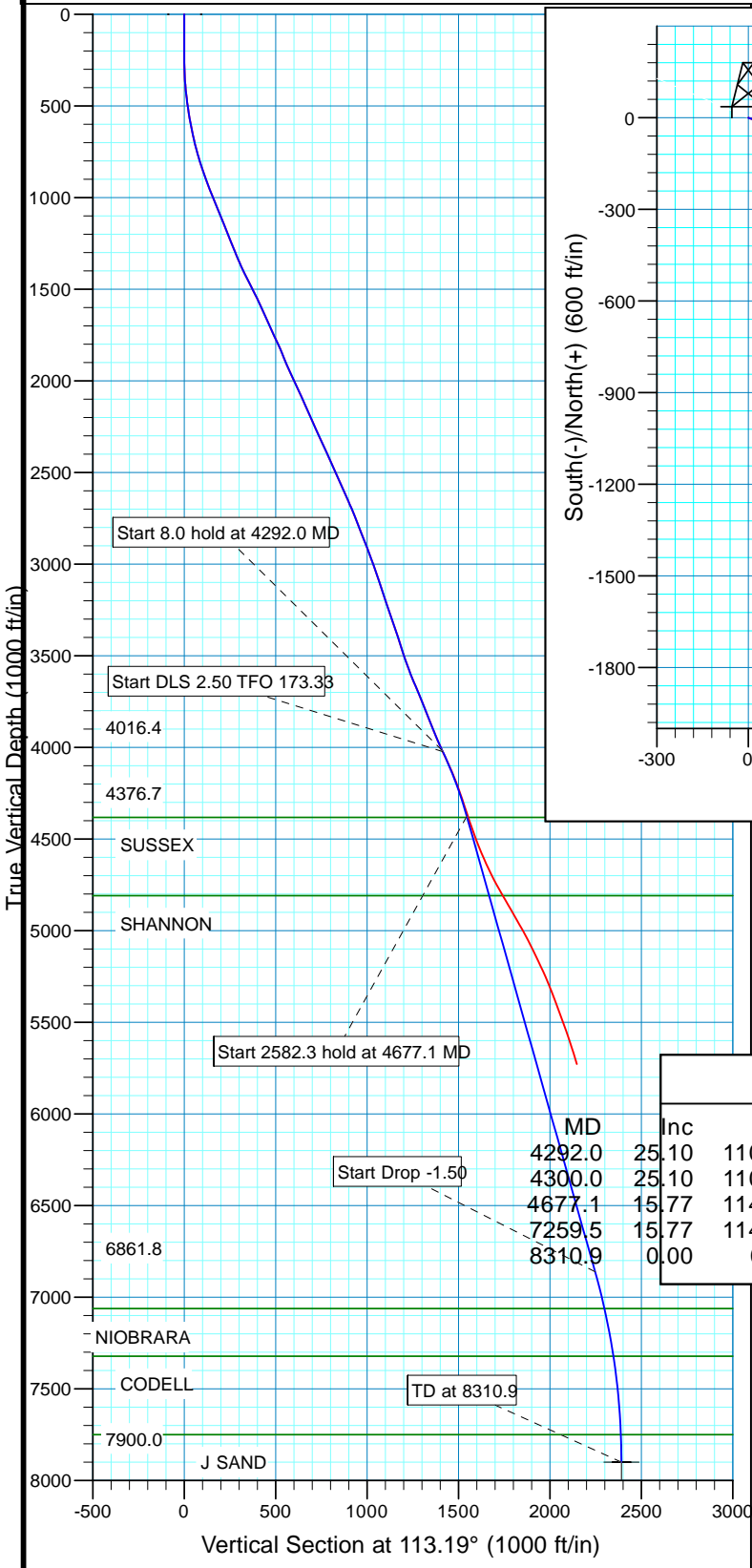
Project: COLORADO NORTHERN ZONE - 83
Site: WELD_VOGL 21-5
Well: P_VOGL 21-5
Wellbore: P_VOGL 21-5X
Design: P_VOGL 21-5X



WELL DETAILS: P_VOGL 21-5

WELL @ 4846.0ft (Original Well Elev) 4830.0

+E/-W 0.0 Northing 1306901.60 Easting 3161497.16 Latitude 40° 10' 27.82496 N Longitude 104° 55' 19.41100 W



SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
4292.0	25.10	110.10	4016.4	-546.5	1300.8	0.00	0.00	1410.9	
4300.0	25.10	110.10	4023.7	-547.7	1303.9	0.00	0.00	1414.3	
4677.1	15.77	114.12	4376.7	-596.2	1426.1	2.50	173.33	1545.7	
7259.5	15.77	114.12	6861.8	-883.0	2066.7	0.00	0.00	2247.4	
8310.9	0.00	0.00	7900.0	-941.8	2197.9	1.50	180.00	2391.2	PBHL V

PROJECT DETAILS: COLORADO NORTHERN ZONE - 83

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Northern Zone
Location: SECTION 5 T2N R67W
System Datum: Mean Sea Level
Local North: True

Plan: P_VOGL 21-5X (P_VOGL 21-5 / P_VOGL 21-5X)

Created By: Robert Scott Date: 13:58, July 13 2010