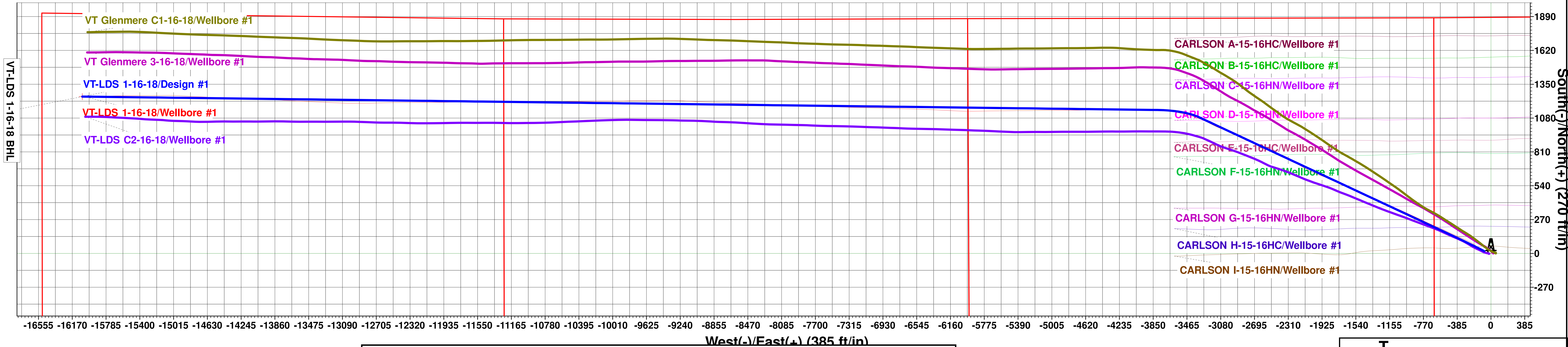




Extraction Oil & Gas  
Project: Weld County, CO (NAD83)  
Site: Vetting PAD (Sec 15-T5N-R65W)  
Well: VT-LDS 1-16-18  
Wellbore: Wellbore #1  
Plan: Design #1 (VT-LDS 1-16-18/Wellbore #1)  
Patterson #901

Planned Section Details										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	
1	1519.00	11.12	290.52	1513.67	17.49	-75.65	0.00	0.00	76.78	
2	2800.12	36.73	288.11	2675.01	182.64	-563.62	2.00	-3.33	576.10	
3	7659.50	36.73	288.11	6569.62	1085.98	-3325.78	0.00	0.00	3400.10	
4	8211.99	90.00	270.50	6809.94	1144.34	-3796.05	10.00	-21.61	3873.49	
5	20472.13	90.00	270.50	6809.94	1251.33	-16055.73	0.00	0.00	16104.42	



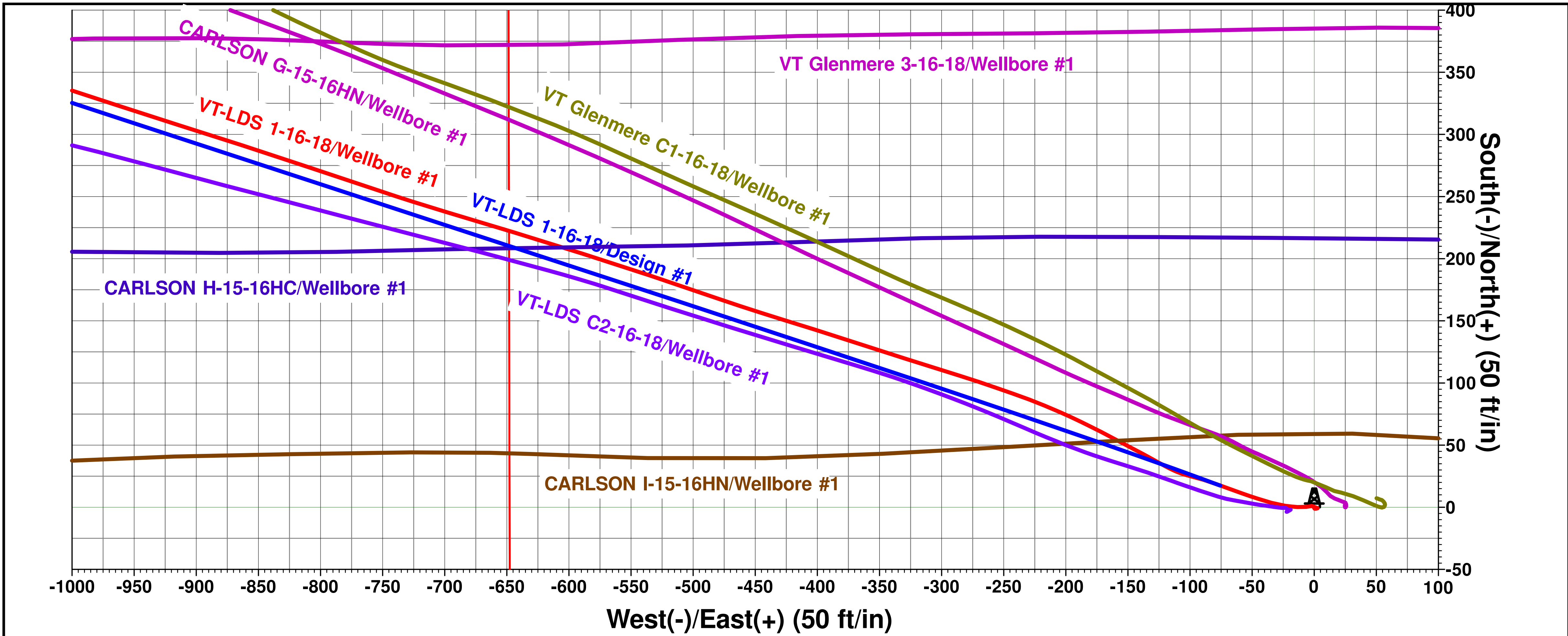
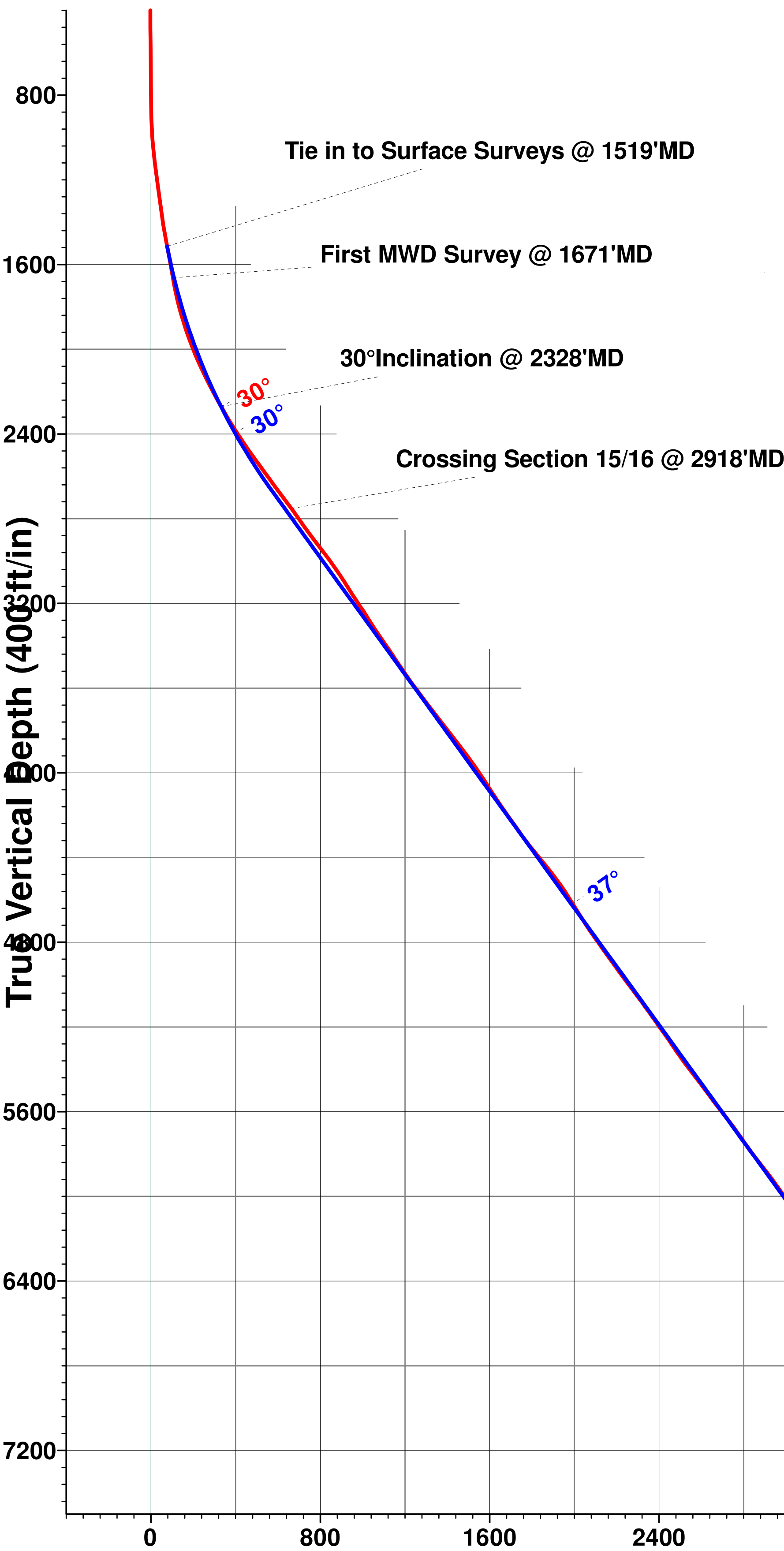
WELL DETAILS: VT-LDS 1-16-18

Ground Elevation:: 4648.00  
RKB Elevation: KB=29 @ 4677.00ft (Patterson #901)  
Rig Name: Patterson #901

Northing	Easting	Latitude	Longitude
1390158.43	3234901.44	40.401320	-104.656550

PROJECT DETAILS: Weld County, CO (NAD83)  
Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: Colorado Northern Zone  
System Datum: Ground Level  
Local North: True

↑ T M  
Azimuths to True North  
Magnetic North: 8.10°  
Magnetic Field  
Strength: 52249.1snT  
Dip Angle: 66.88°  
Date: 6/26/2018  
Model: HDGM



Vertical Section at 274.46° (400 ft/in)