

Extraction Oil & Gas  
Project: Weld County, CO (NAD83)  
Site: Sec 26-T07N-R67W  
Well: Launer 12  
Wellbore: Wellbore #1  
Plan: Plan #2 (Launer 12/Wellbore #1)  
Patterson 346

WELL DETAILS: Launer 12

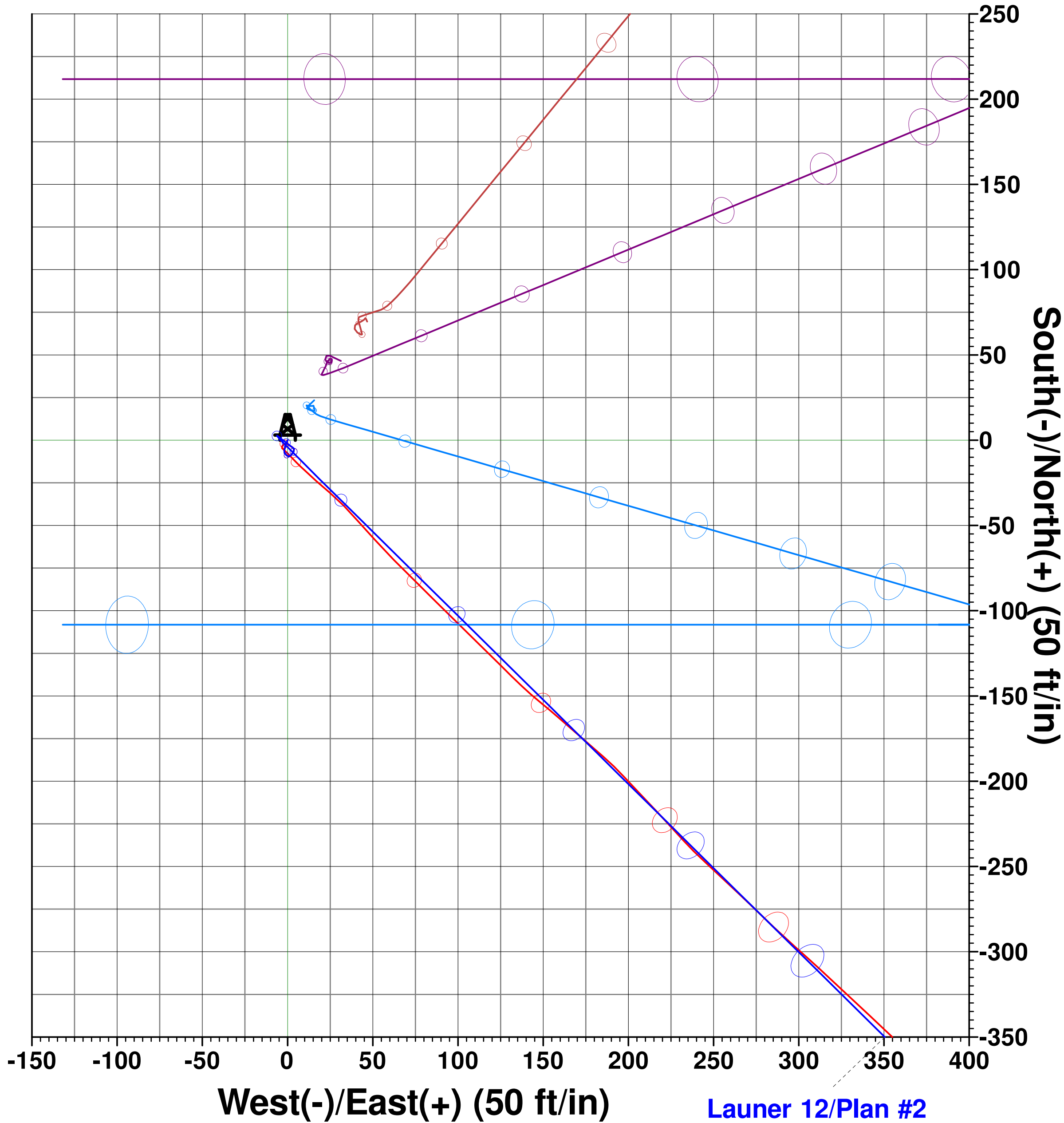
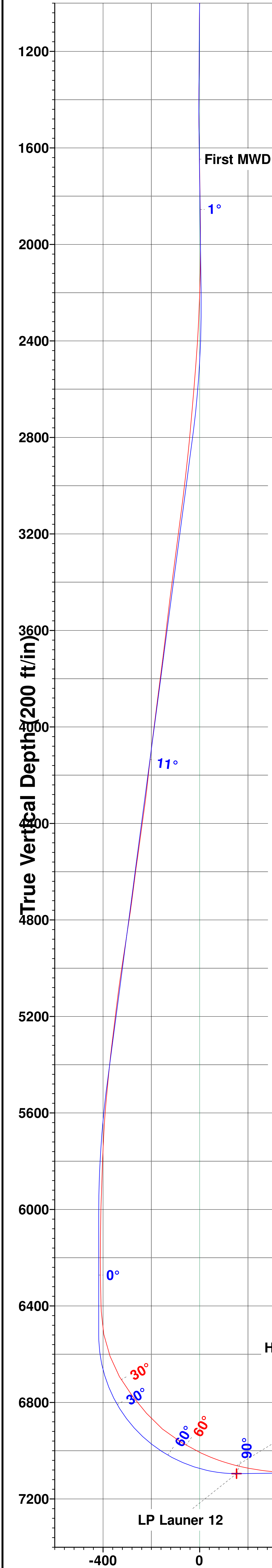
Ground Elevation:: 4926.00  
RKB Elevation: KB=25 @ 4951.00ft (Patterson 346)  
Rig Name: Patterson 346

Northing  
1440082.6244

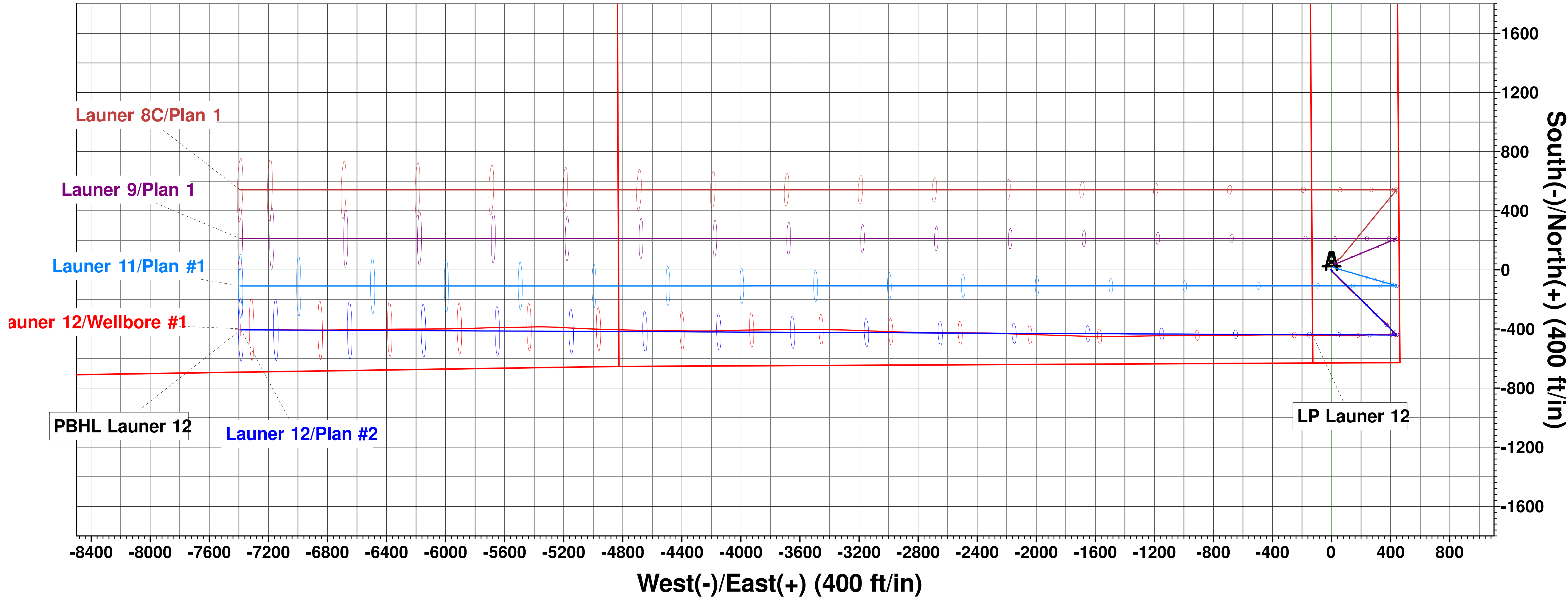
Easting  
3179932.7013

Latitude  
40.539624

Longitude  
-104.852607



Planned Section Details									
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
1	1511.00	0.97	307.41	1510.87	-4.41	3.12	0.00	0.00	-2.88
2	2200.00	0.97	307.41	2199.77	2.68	-6.14	0.00	0.00	5.99
3	2803.41	11.11	134.61	2799.71	-35.17	31.31	2.00	-173.37	-29.34
4	5524.97	11.11	134.61	5470.30	-403.30	404.50	0.00	0.00	-381.79
5	6080.23	0.00	0.00	6022.10	-440.97	442.69	2.00	-180.00	-417.86
6	6580.23	0.00	0.00	6522.10	-440.97	442.69	0.00	0.00	-417.86
7	7488.06	90.78	270.26	7095.00	-438.34	-138.09	10.00	270.26	161.90
8	14737.86	90.78	270.26	6996.00	-405.48	-7387.14	0.00	0.00	7398.26



T  
G  
M

Azimuths to Grid North  
True North: -0.42°  
Magnetic North: 7.91°

Magnetic Field  
Strength: 52389.1snT  
Dip Angle: 66.95°  
Date: 10/12/2017  
Model: HDGM

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: Grid

Vertical Section at 266.86° (200 ft/in)