



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

Extraction Oil & Gas
Project: Weld County, CO (NAD83)
Site: Sec 28-T1N-R68W Coyote Trails
Well: Coyote Trails 33S-20-3N
Wellbore: Wellbore #1
Design: Wellbore #1 (Coyote Trails 33S-20-3N/Wellbore #1)

WELL DETAILS: Coyote Trails 33S-20-3N

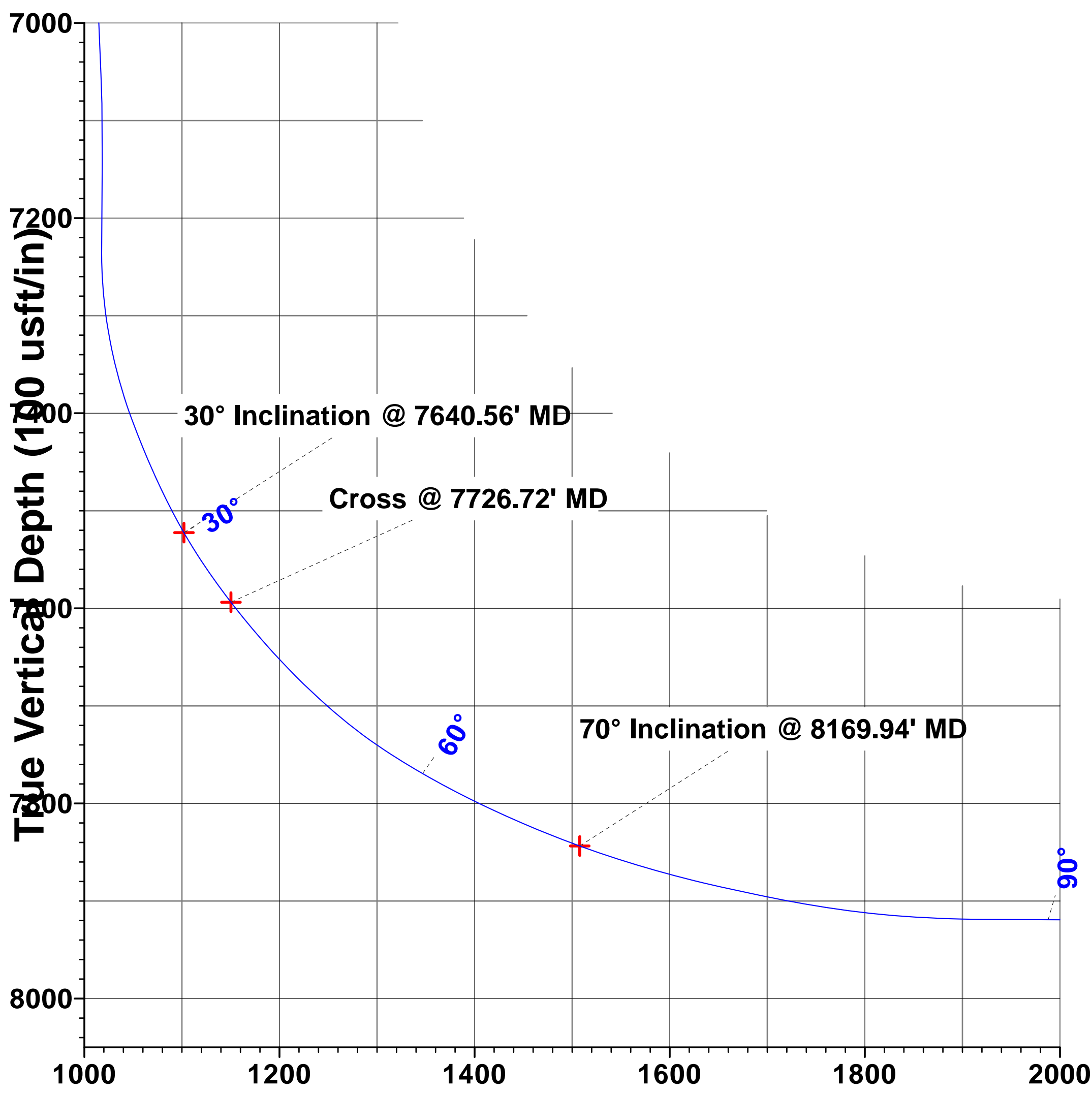
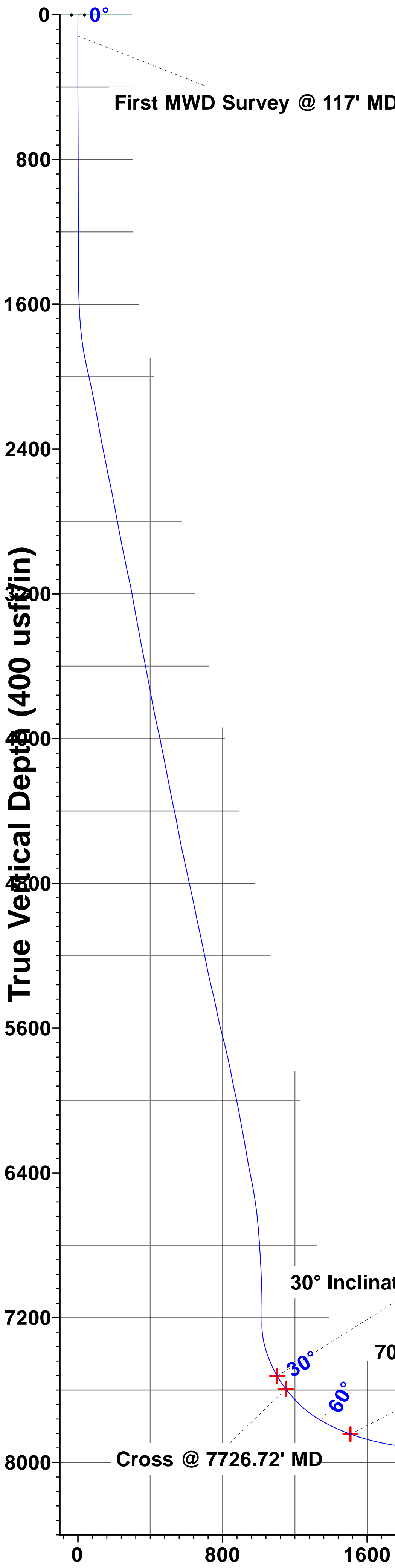
Ground Elevation:: 5272.00
RKB Elevation: kb @ 5300.00usft
Rig Name:

Northing	Easting	Latitude	Longitude
1249778.61	3138035.75	40.01798	-105.00715

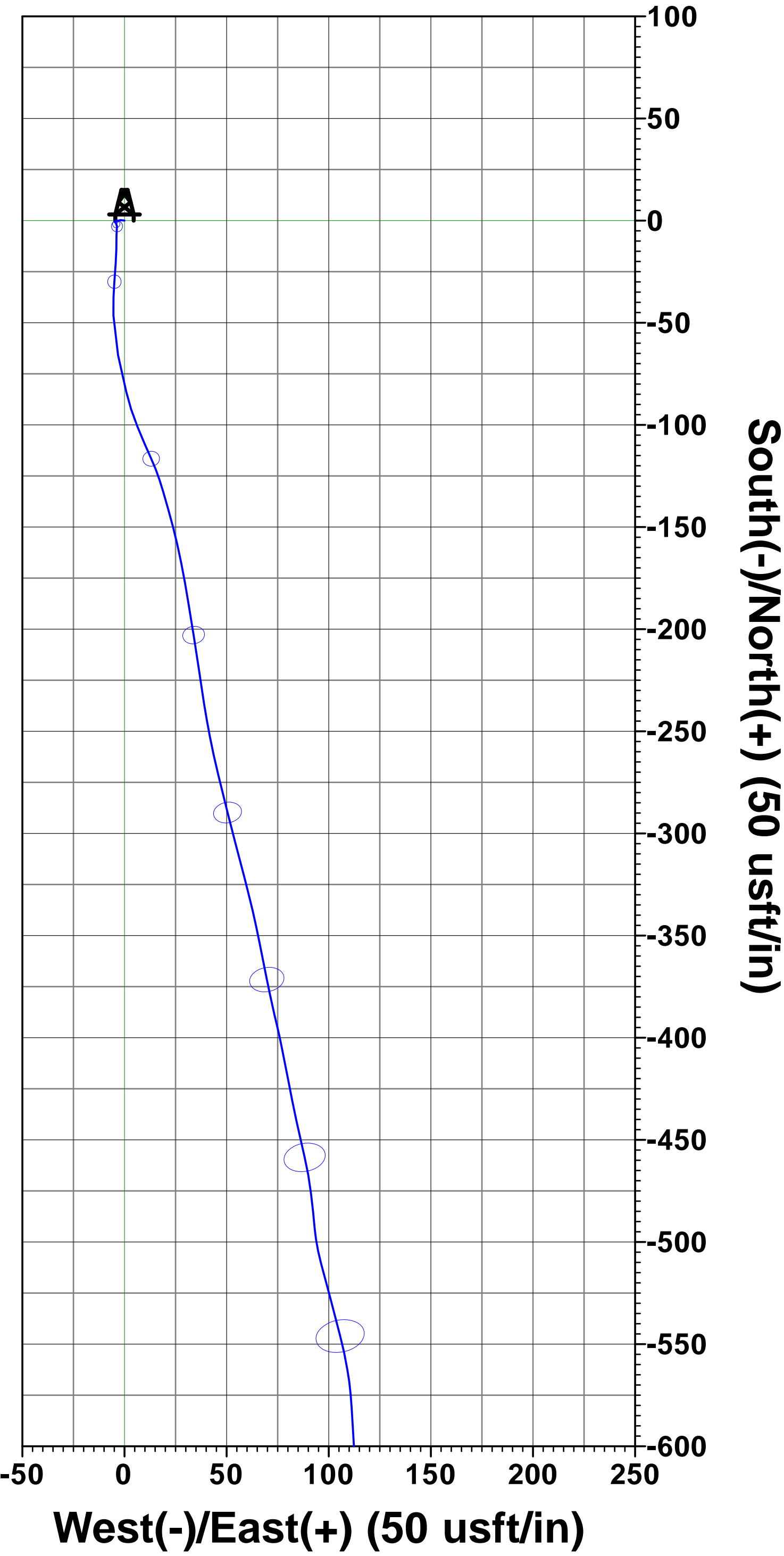


ANNOTATIONS

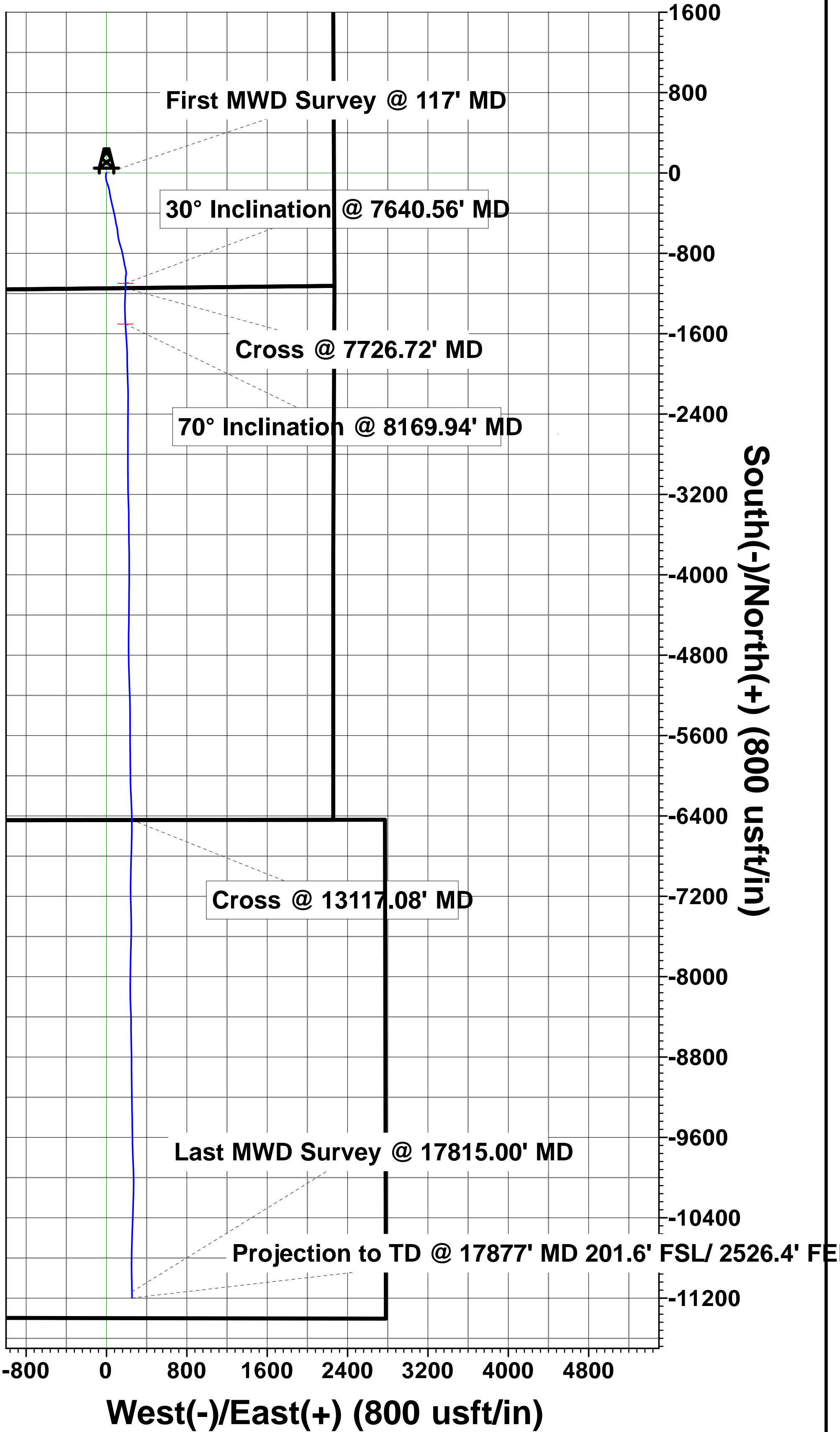
TVD	MD	Inc	Azi	+N/-S	+E/-W	V/Sect	Departure	Annotation
117.00	117.00	0.48	282.74	0.11	-0.48	-0.12	0.49	First MWD Survey @ 117' MD
7522.47	7640.56	29.99	180.80	-1097.74	191.05	1102.15	1133.28	30° Inclination @ 7640.56' MD
7593.74	7726.72	37.64	182.03	-1146.00	189.28	1150.35	1180.99	Cross @ 7726.72' MD
7843.66	8169.94	70.00	176.56	-1503.64	189.01	1507.87	1538.30	70° Inclination @ 8169.94' MD
7910.56	13117.08	90.04	179.65	-6440.00	252.29	6444.28	6475.77	Cross @ 13117.08' MD
7937.27	17815.00	90.63	178.82	-11135.97	253.91	11138.84	11172.86	Last MWD Survey @ 17815.00' MD
7936.58	17877.00	90.63	178.82	-11197.95	255.19	11200.84	11234.86	Projection to TD @ 17877' MD 201.6' FSL/ 2526.4' FEL



Vertical Section at 178.58° (100 usft/in)



South(-)/North(+) (50 usft/in)



West(-)/East(+) (800 usft/in)

Vertical Section at 178.58° (400 usft/in)

Job # 00141EX-CO

Mazimuths to True North
Magnetic North: 8.32°
Magnetic Field
Strength: 51918.8snT
Dip Angle: 66.35°
Date: 12/31/2018
Model: HDGM