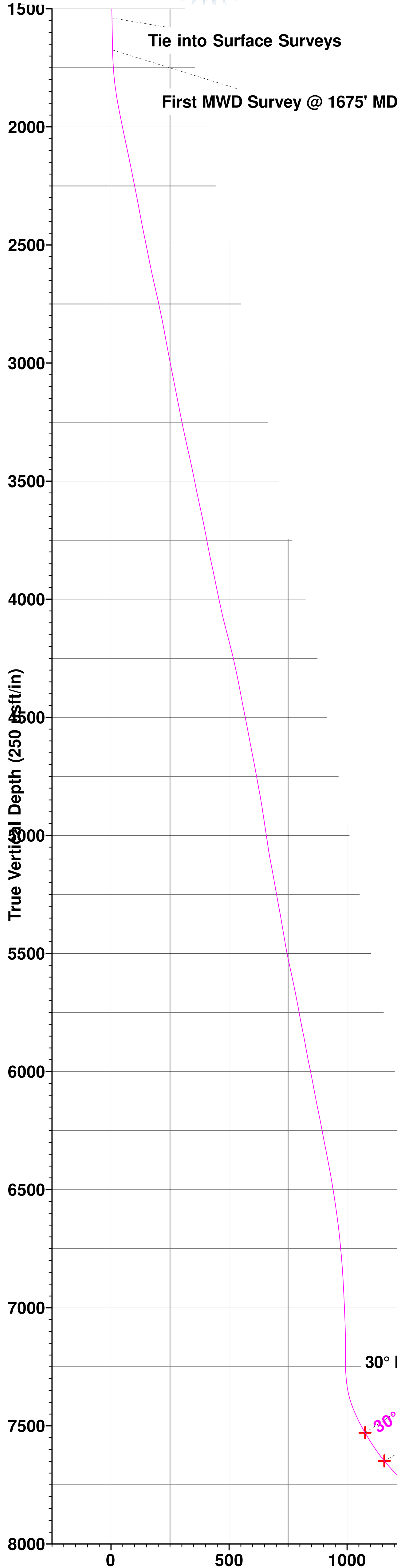


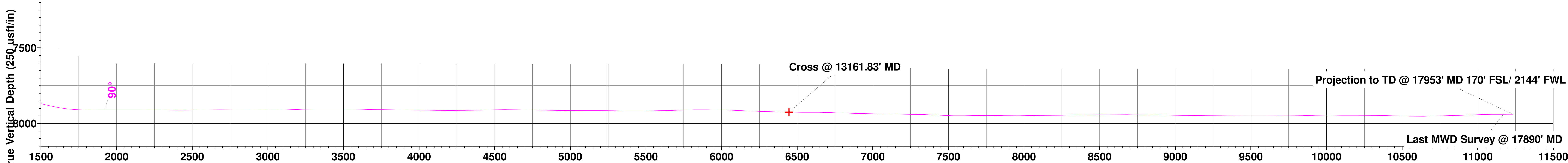


Extraction Oil & Gas  
Project: Weld County, CO (NAD83)  
Site: Sec 28-T1N-R68W Coyote Trails  
Well: Coyote Trails 33S-20-1N  
Wellbore: Wellbore #1  
Design: Wellbore #1 (Coyote Trails 33S-20-1N/Wellbore #1)  
Ensign 147

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



Vertical Section at 181.30° (250 usft/in)



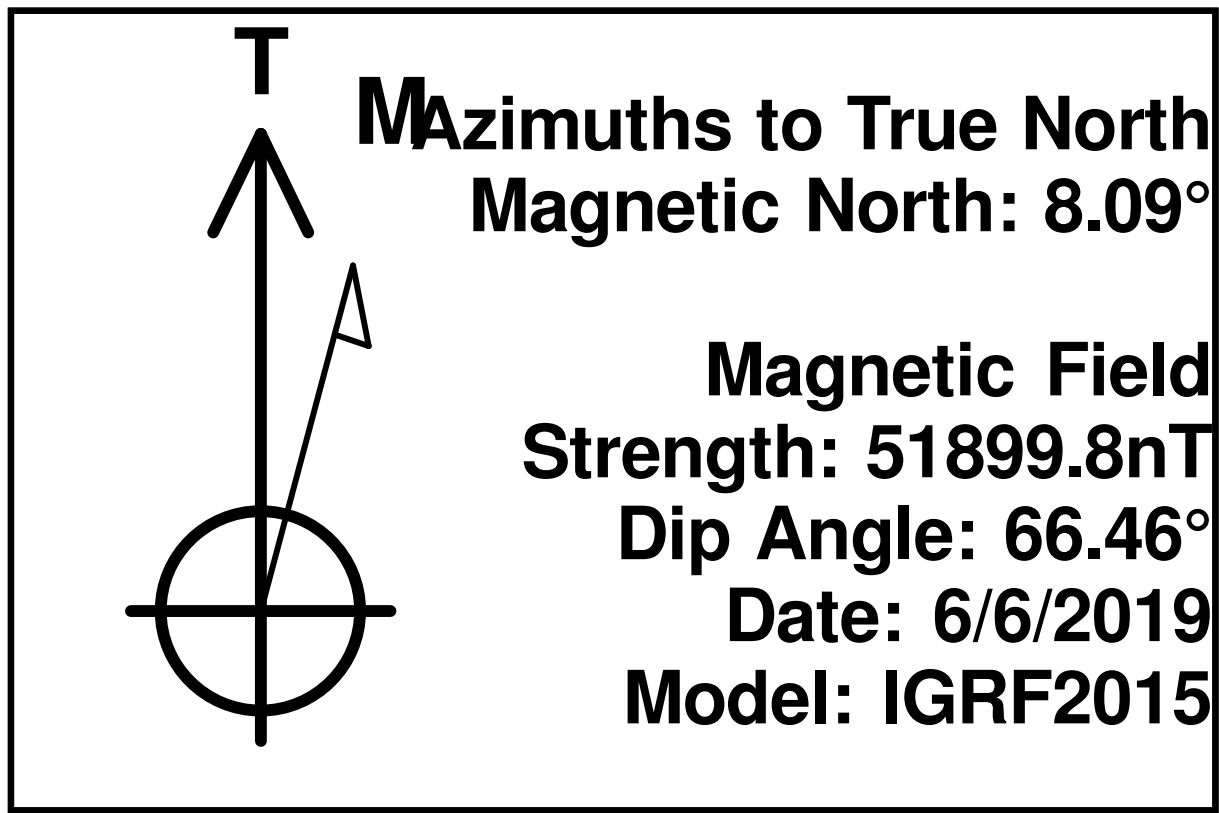
Vertical Section at 181.30° (250 usft/in)

WELL DETAILS: Coyote Trails 33S-20-1N  
Ground Elevation:: 5273.00  
RKB Elevation: KB @ 5301.00usft (Ensign 147)  
Rig Name: Ensign 147

Northing	Easting	Latitude	Longitude
1249778.78	3137999.90	40.017977	-105.007281

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation
1539.30	0.97	192.03	1539.24	-4.05	-2.68	4.11	11.83	Tie into Surface Surveys
1675.00	1.28	207.14	1674.91	-6.53	-3.61	6.61	14.49	First MWD Survey @ 1675' MD
7647.75	29.99	181.66	7529.19	-1069.46	-315.50	1076.32	1129.30	30° Inclination @ 7647.75' MD
7792.32	39.57	175.46	7648.30	-1151.00	-313.70	1157.81	1210.29	Cross @ 7792.32' MD
8128.51	70.00	179.51	7845.38	-1417.06	-294.90	1423.38	1477.39	70° Inclination @ 8128.51' MD
13161.83	88.89	178.64	7924.77	-6441.00	-288.36	6445.87	6502.33	Cross @ 13161.83' MD
17890.00	90.19	179.29	7939.09	-11166.37	-254.98	11169.28	11229.74	Last MWD Survey @ 17890' MD
17953.00	90.19	179.29	7938.88	-11229.37	-254.20	11232.24	11292.74	Projection to TD @ 17953' MD 170' FSL/ 2144' FWL



SHL/ 1149' FSL & 2301' FEL  
LP/460' FNL & 2626' FEL  
BHL/ 150' FSL & 2134' FWL  
Ground Elevation 5273'

