



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

WELL DETAILS: Coyote Trails 33W-15-4N

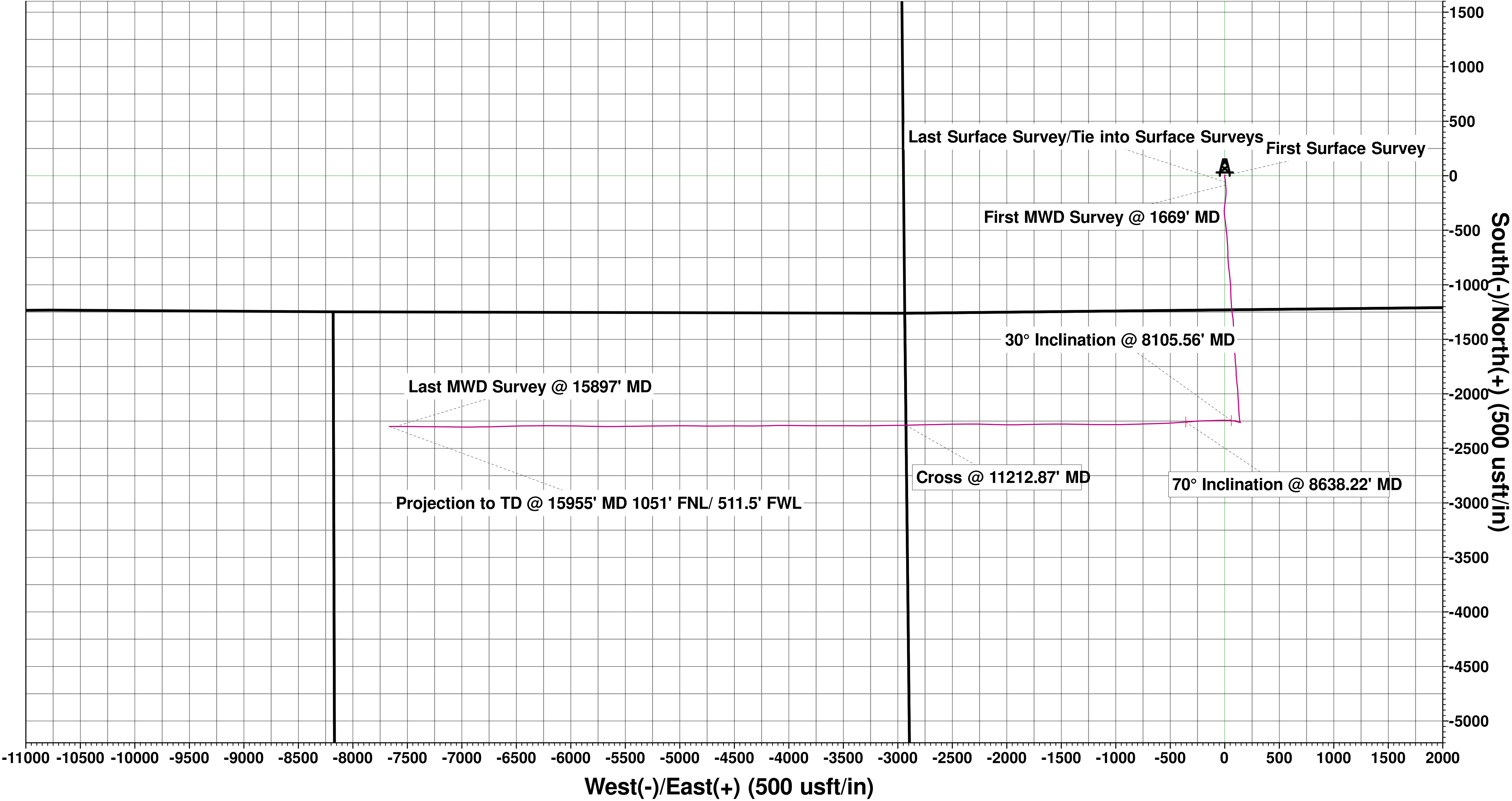
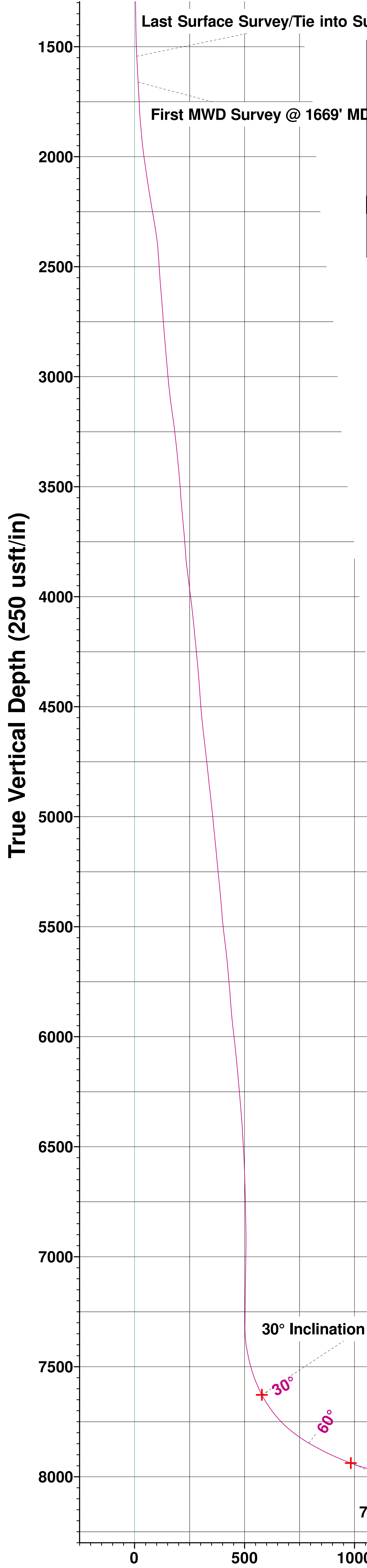
Ground Elevation:: 5273.00  
RKB Elevation: KB @ 5301.00usft (Ensign 147)  
Rig Name: Ensign 147



Northing	Easting	Latitude	Longitude
1249858.73	3137900.87	40.018198	-105.007633

Extraction Oil & Gas  
Project: Weld County, CO (NAD83)  
Site: Sec 28-T1N-R68W Coyote Trails  
Well: Coyote Trails 33W-15-4N  
Wellbore: Wellbore #1  
Design: Wellbore #1 (Coyote Trails 33W-15-4N/Wellbore #1)  
Ensign 147

ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation	
114.00	0.38	64.91	114.00	0.16	0.34	-0.37	0.38	First Surface Survey	
1548.00	12.78	176.84	1543.34	-57.35	6.50	10.02	72.17	Last Surface Survey/Tie into Surface Surveys	
1669.00	13.04	176.41	1661.28	-84.34	8.10	16.14	99.21	First MWD Survey @ 1669' MD	
8105.56	29.94	276.30	7627.85	-2244.63	59.83	578.86	2379.39	30° Inclination @ 8105.56' MD	
8638.22	70.00	265.83	7937.95	-2258.05	-357.99	983.35	2796.86	70° Inclination @ 8638.22' MD	
11212.87	88.34	268.93	8009.94	-2287.81	-2925.00	3453.51	5364.47	Cross @ 11212.87' MD	
15897.00	90.99	269.40	8042.04	-2299.37	-7607.89	7947.62	10047.85	Last MWD Survey @ 15897' MD	
15955.00	90.99	269.40	8041.04	-2299.98	-7665.87	8003.40	10105.84	Projection to TD @ 15955' MD 1051' FNL/ 511.5' FWL	



Vertical Section at 253.53° (250 usft/in)

T

↑

↗

⊙

Mazimuths to True North

Magnetic North: 8.12°

Magnetic Field Strength: 51923.5nT

Dip Angle: 66.47°

Date: 3/22/2019

Model: IGRF2015