



Extraction Oil & Gas
Project: Weld County, CO (NAD83)
Site: Sec 10-T01S-R68W Interchange Pad
Well: Interchange B S22-30-14N
Wellbore: Wellbore #1
Design: Wellbore #1 (Interchange B S22-30-14N/Wellbore #1)
Patterson 901

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



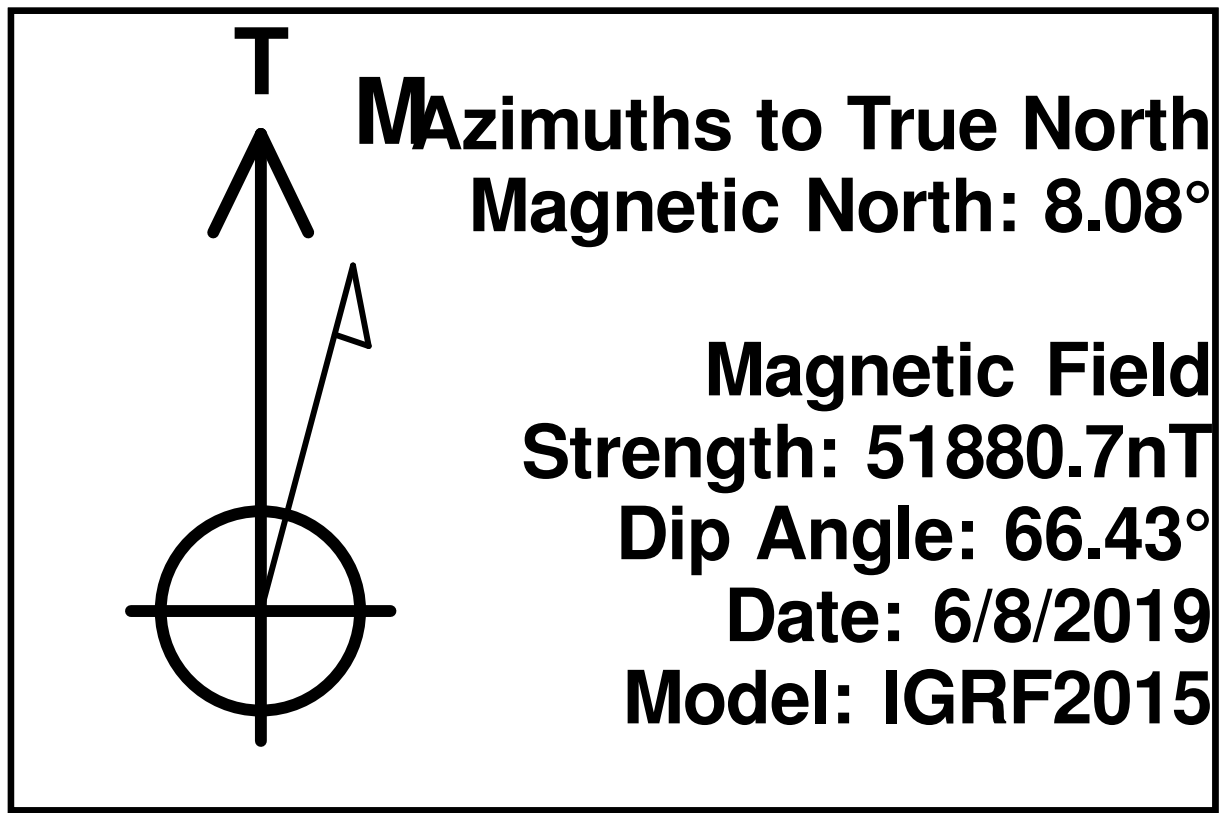
WELL DETAILS: Interchange B S22-30-14N

Ground Elevation:: 5206.20
RKB Elevation: KB @ 5235.20usft (Patterson 901)
Rig Name: Patterson 901

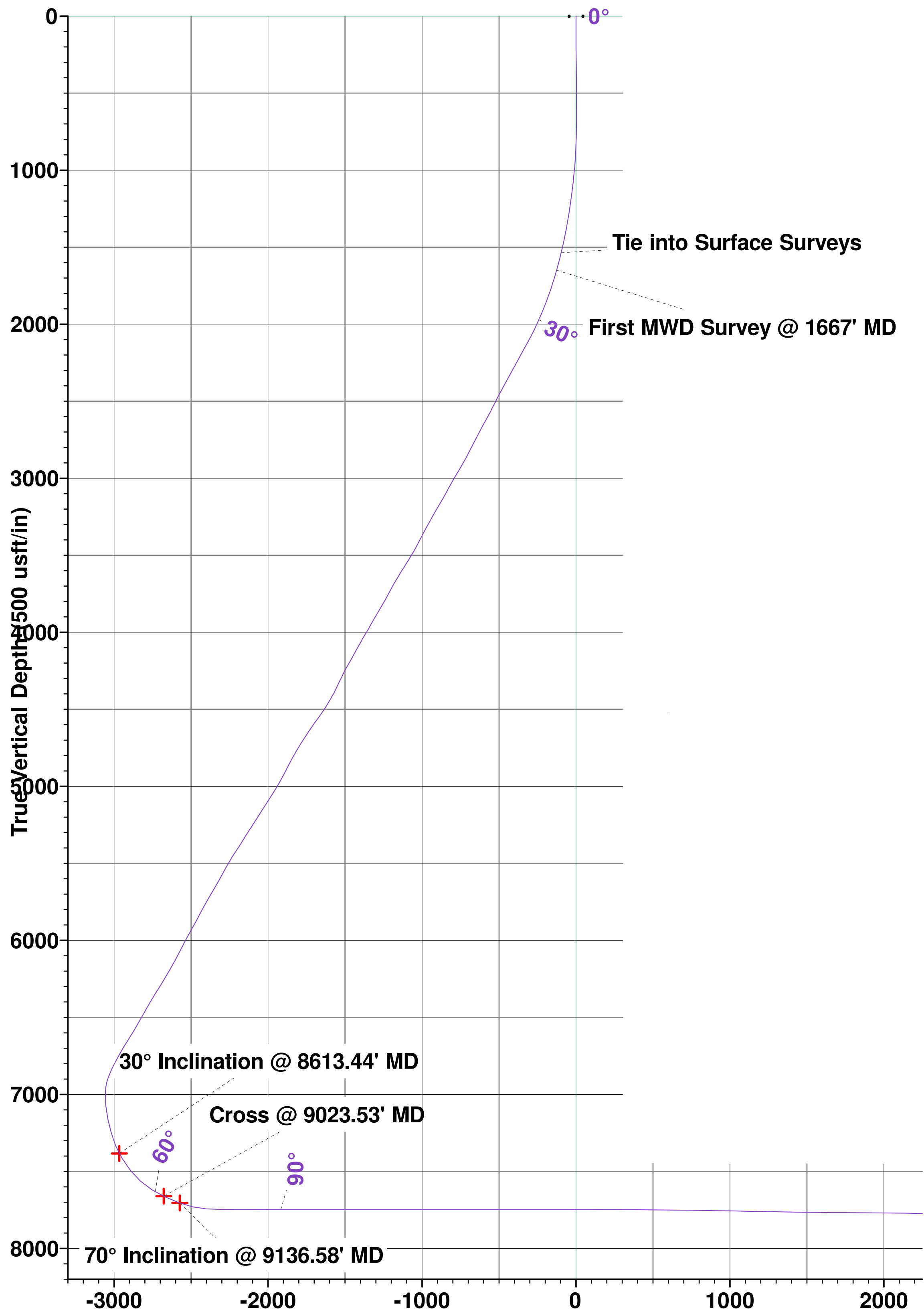
Northing	Easting	Latitude	Longitude
1235297.21	3142581.43	39.978152	-104.991220

ANNOTATIONS

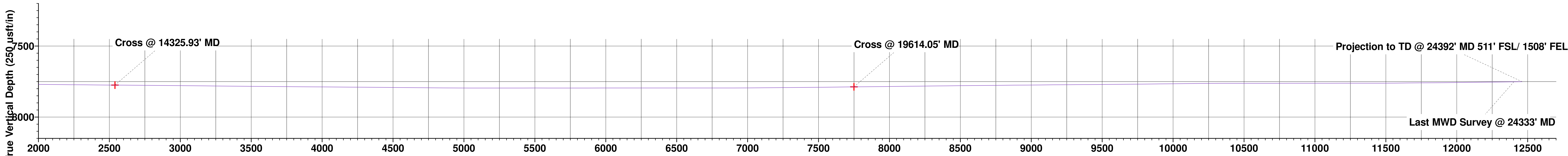
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation
1548.00	16.17	26.24	1536.33	107.01	52.80	-96.35	127.46	Tie into Surface Surveys
1667.00	19.05	24.43	1649.74	139.56	68.16	-125.78	163.46	First MWD Survey @ 1667' MD
8613.44	29.87	148.76	7384.02	3348.79	1938.81	-2966.09	4045.15	30° Inclination @ 8613.44' MD
9023.53	63.99	167.93	7660.61	3072.00	2032.11	-2677.39	4337.22	Cross @ 9023.53' MD
9136.58	69.99	174.31	7704.85	2969.34	2048.30	-2573.48	4441.15	70° Inclination @ 9136.58' MD
14325.93	89.59	178.51	7774.79	-2213.00	2091.45	2539.29	9625.21	Cross @ 14325.93' MD
19614.05	90.46	181.39	7787.25	-7500.00	2103.52	7749.82	14913.20	Cross @ 19614.05' MD
24333.00	90.68	178.05	7751.94	-12216.63	2137.87	12402.28	19631.97	Last MWD Survey @ 24333' MD
24392.00	90.68	178.05	7751.24	-12275.60	2139.87	12460.71	19690.97	Projection to TD @ 24392' MD 511' FSL/ 1508' FEL



SHL/ 2196' FSL & 1671' FWL
LP/150' FNL & 1540' FEL
BHL/ 460' FSL & 1491' FEL
Ground Elevation 5206.2'



Vertical Section at 170.11° (500 usft/in)



Vertical Section at 170.11° (250 usft/in)

