



Extraction Oil & Gas
Project: Weld County, CO (NAD83)
Site: Sec 10-T01S-R68W Interchange Pad
Well: Interchange B N35-20-9N
Wellbore: Wellbore #1
Design: Wellbore #1 (Interchange B N35-20-9N/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

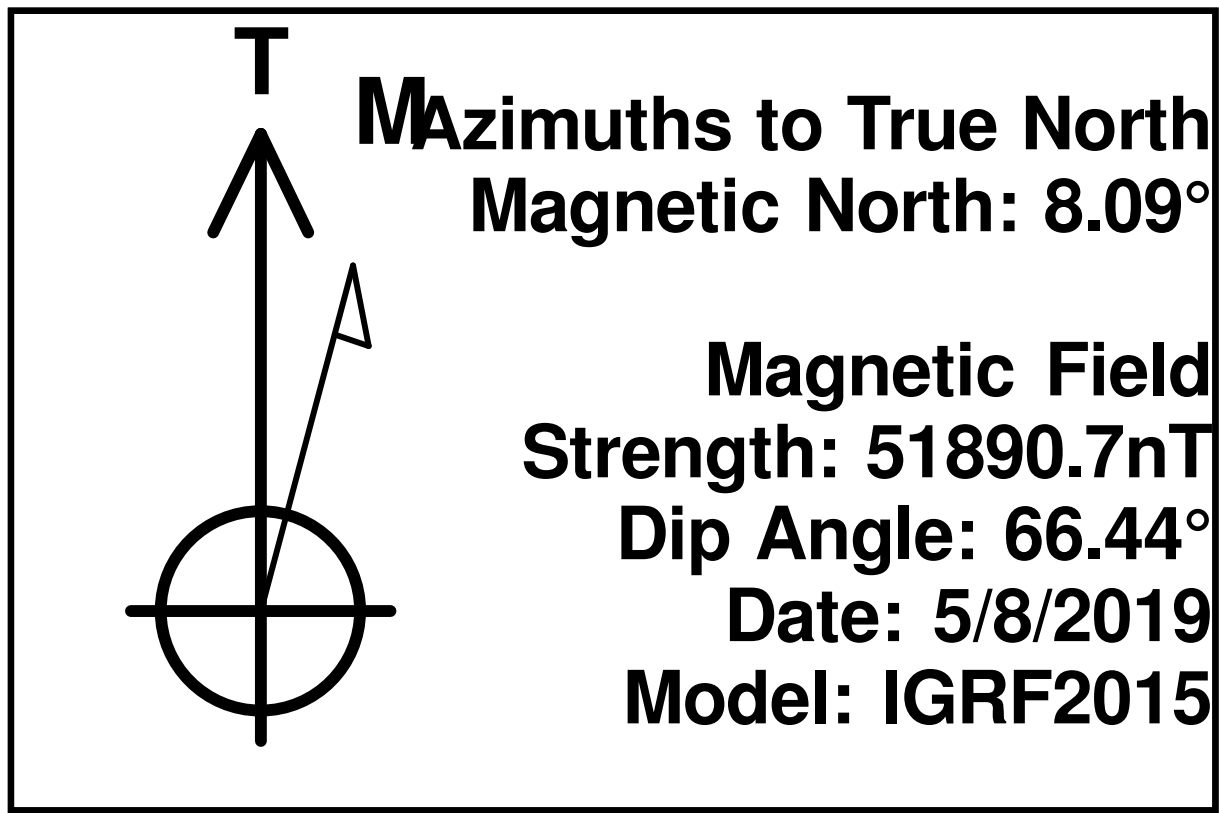


WELL DETAILS: Interchange B N35-20-9N
Ground Elevation:: 5213.00
RKB Elevation: KB @ 5241.00usft (Patterson 901)
Rig Name: Patterson 901

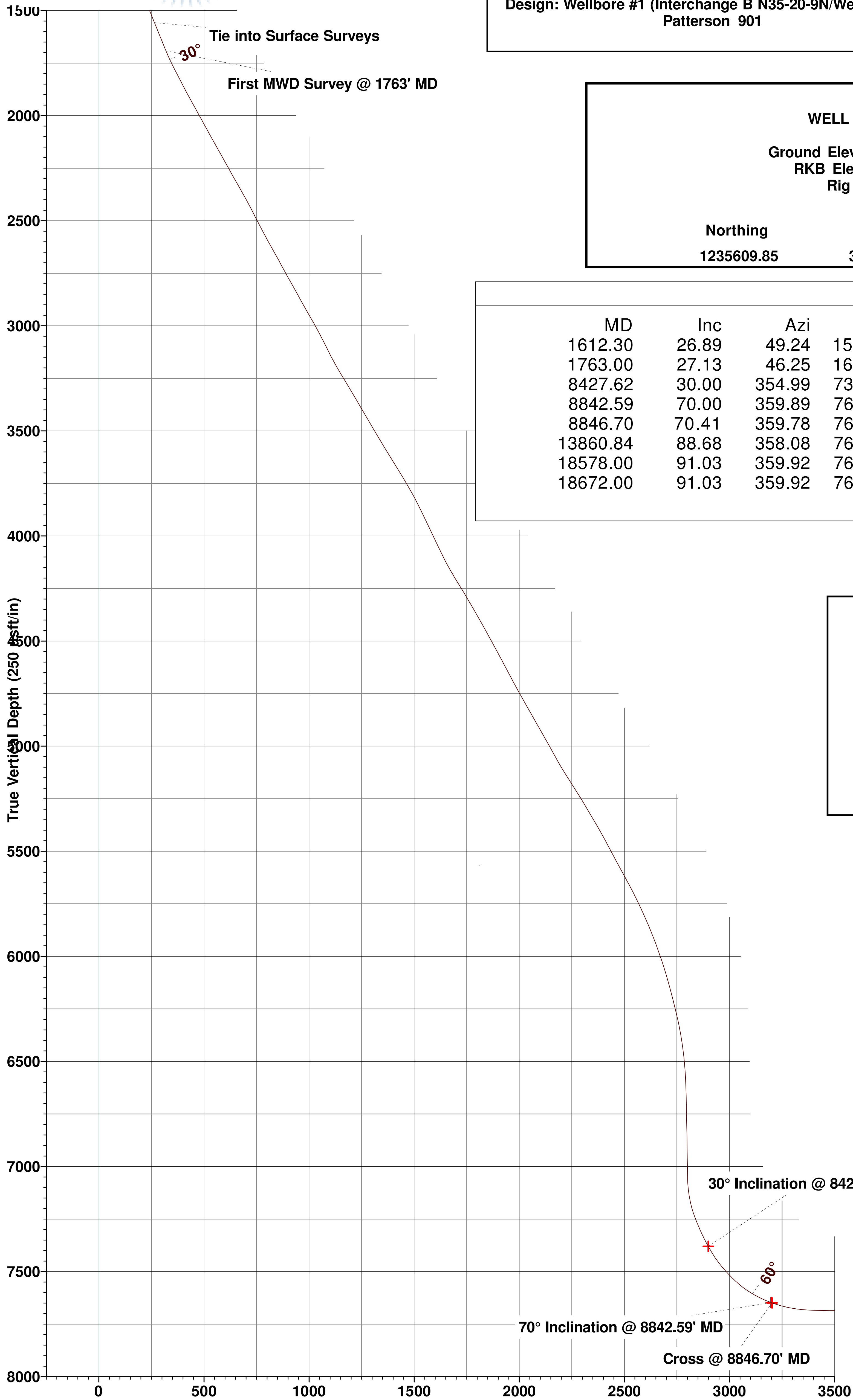
Northing	Easting	Latittude	Longitude
1235609.85	3142597.57	39.979010	-104.991156

ANNOTATIONS

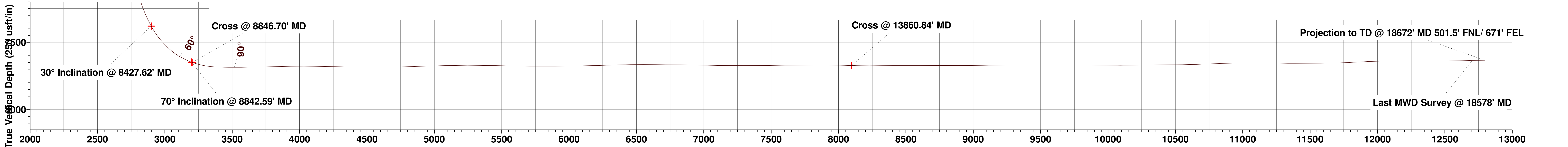
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation
1612.30	26.89	49.24	1557.62	221.37	249.82	264.35	335.88	Tie into Surface Surveys
1763.00	27.13	46.25	1691.89	267.38	300.46	319.05	404.32	First MWD Survey @ 1763' MD
8427.62	30.00	354.99	7380.22	2445.59	2646.34	2899.11	3651.32	30° Inclination @ 8427.62' MD
8842.59	70.00	359.89	7647.64	2751.13	2642.50	3198.49	3956.14	70° Inclination @ 8842.59' MD
8846.70	70.41	359.78	7649.03	2755.00	2642.49	3202.28	3960.08	Cross @ 8846.70' MD
13860.84	88.68	358.08	7672.67	7762.00	2519.72	8097.12	8969.61	Cross @ 13860.84' MD
18578.00	91.03	359.92	7635.19	12474.82	2403.59	12704.25	13686.10	Last MWD Survey @ 18578' MD
18672.00	91.03	359.92	7633.50	12568.80	2403.46	12796.54	13780.09	Projection to TD @ 18672' MD 501.5' FNL/ 671' FEL



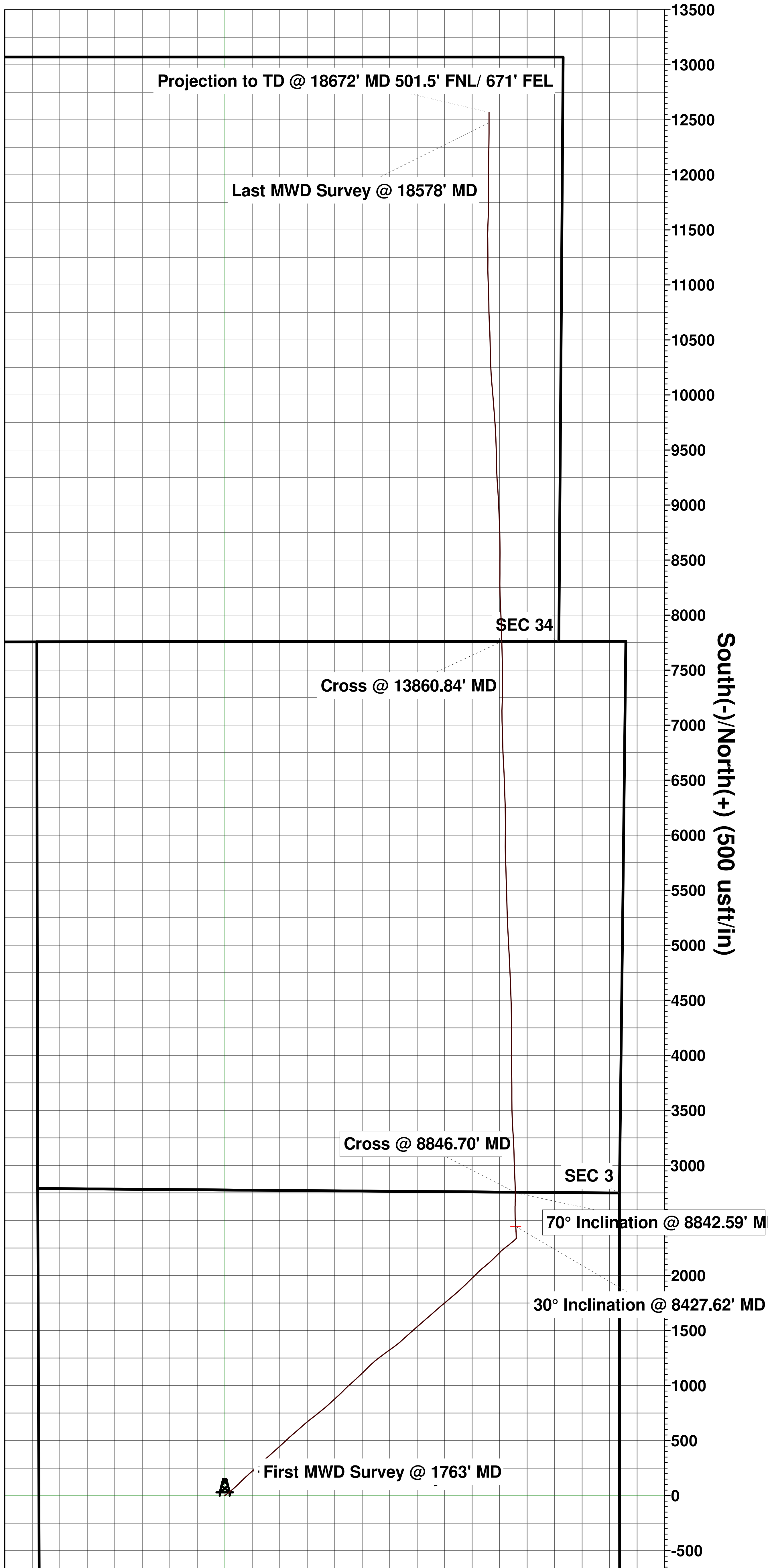
SHL/ 2509' FSL & 1690' FWL
KOP/425' FNL & 941' FEL
LP/150' FSL & 955' FEL
BHL/ 460' FNL & 472' FEL
Ground Elevation 5213'



Vertical Section at 10.83° (250 usft/in)



Vertical Section at 10.83° (250 usft/in)



Projection to TD @ 18672' MD 501.5' FNL/ 671' FEL

Last MWD Survey @ 18578' MD