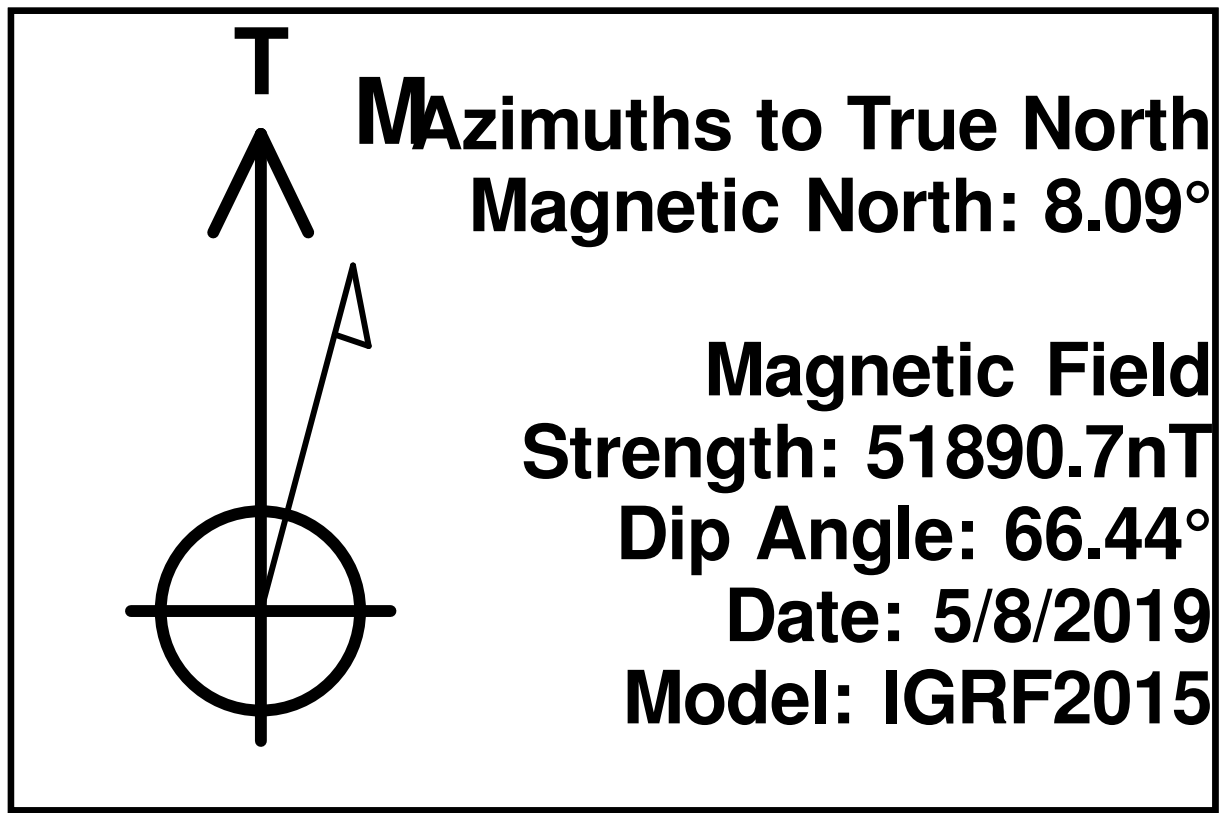
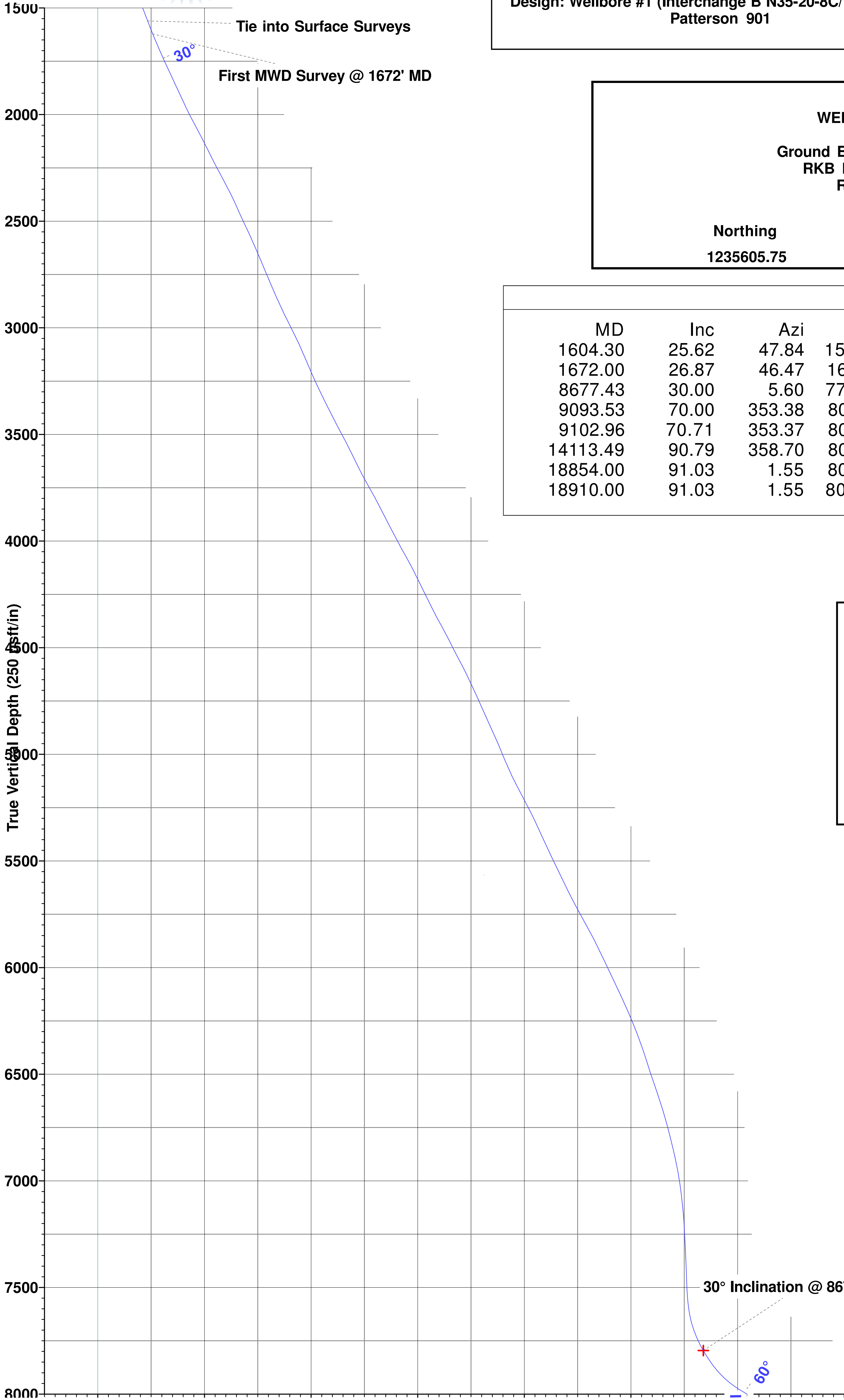




Extraction Oil & Gas
Project: Weld County, CO (NAD83)
Site: Sec 10-T01S-R68W Interchange Pad
Well: Interchange B N35-20-8C
Wellbore: Wellbore #1
Design: Wellbore #1 (Interchange B N35-20-8C/Wellbore #1)
Patterson 901

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



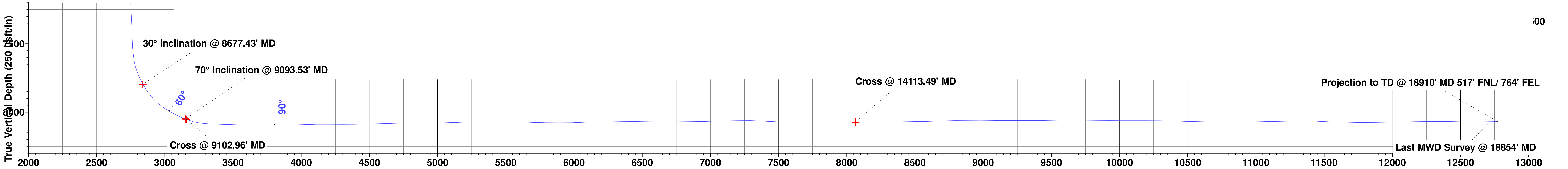
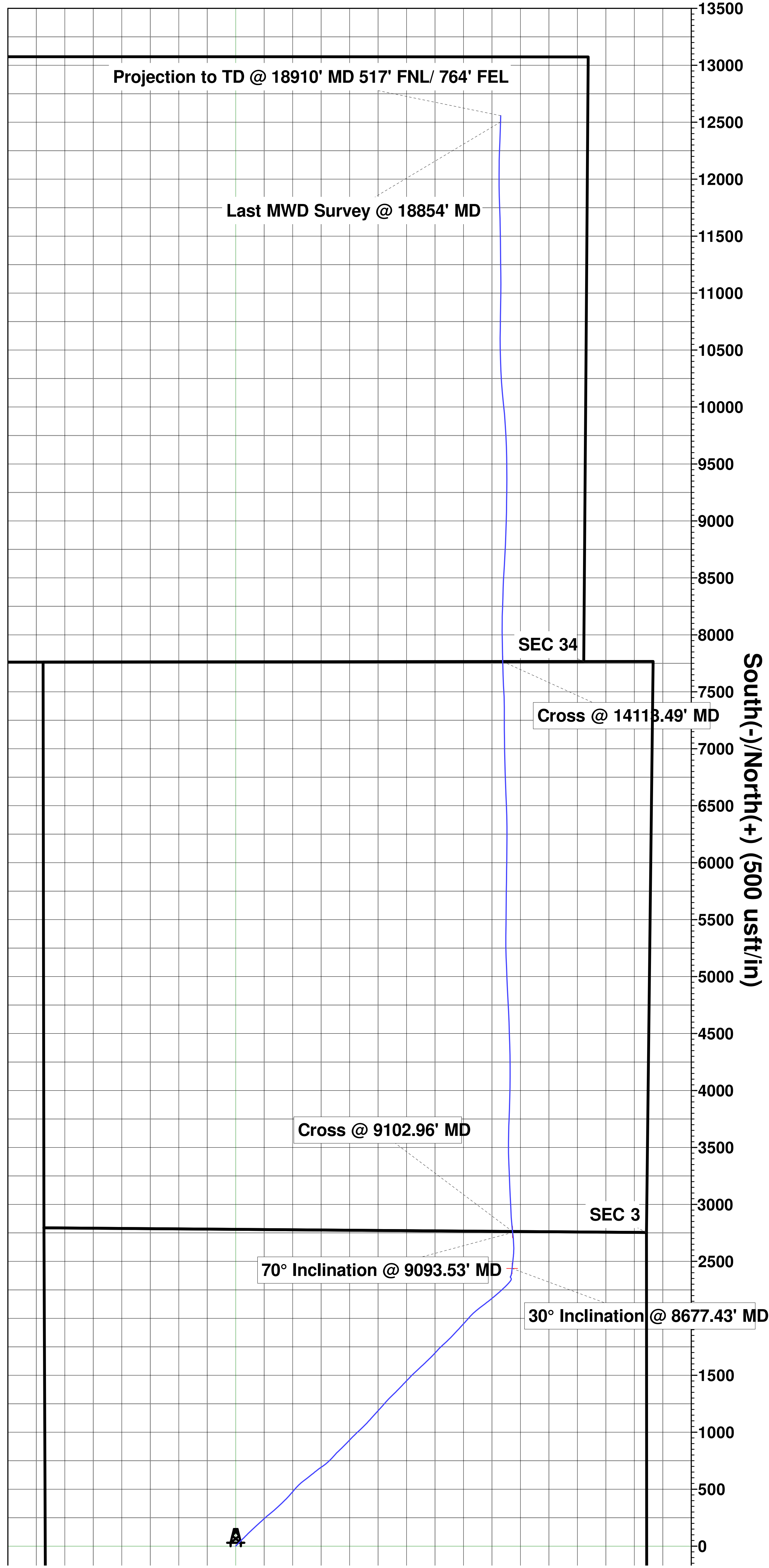
SHL/ 2500' FSL & 1672' FWL
KOP/425' FNL & 1210' FEL
LP/150' FSL & 1215' FEL
BHL/ 460' FNL & 757' FEL
Ground Elevation 5213'

WELL DETAILS: Interchange B N35-20-8C
Ground Elevation:: 5213.00
RKB Elevation: KB @ 5241.00usft (Patterson 901)
Rig Name: Patterson 901

Northing	Easting	Latittude	Longitude
1235605.75	3142580.22	39.978999	-104.991218

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation
1604.30	25.62	47.84	1561.21	199.63	204.62	233.56	286.26	Tie into Surface Surveys
1672.00	26.87	46.47	1621.93	219.99	226.56	257.58	316.20	First MWD Survey @ 1672' MD
8677.43	30.00	5.60	7795.91	2438.05	2426.77	2839.37	3477.81	30° Inclination @ 8677.43' MD
9093.53	70.00	353.38	8050.33	2753.68	2431.45	3150.57	3794.30	70° Inclination @ 9093.53' MD
9102.96	70.71	353.37	8053.50	2762.50	2430.43	3159.06	3803.13	Cross @ 9102.96' MD
14113.49	90.79	358.70	8073.19	7765.50	2344.72	8062.72	8808.46	Cross @ 14113.49' MD
18854.00	91.03	1.55	8069.42	12501.96	2325.31	12716.37	13548.34	Last MWD Survey @ 18854' MD
18910.00	91.03	1.55	8068.41	12557.94	2326.82	12771.68	13604.33	Projection to TD @ 18910' MD 517' FNL/ 764' FEL



Vertical Section at 10.50° (250 usft/in)