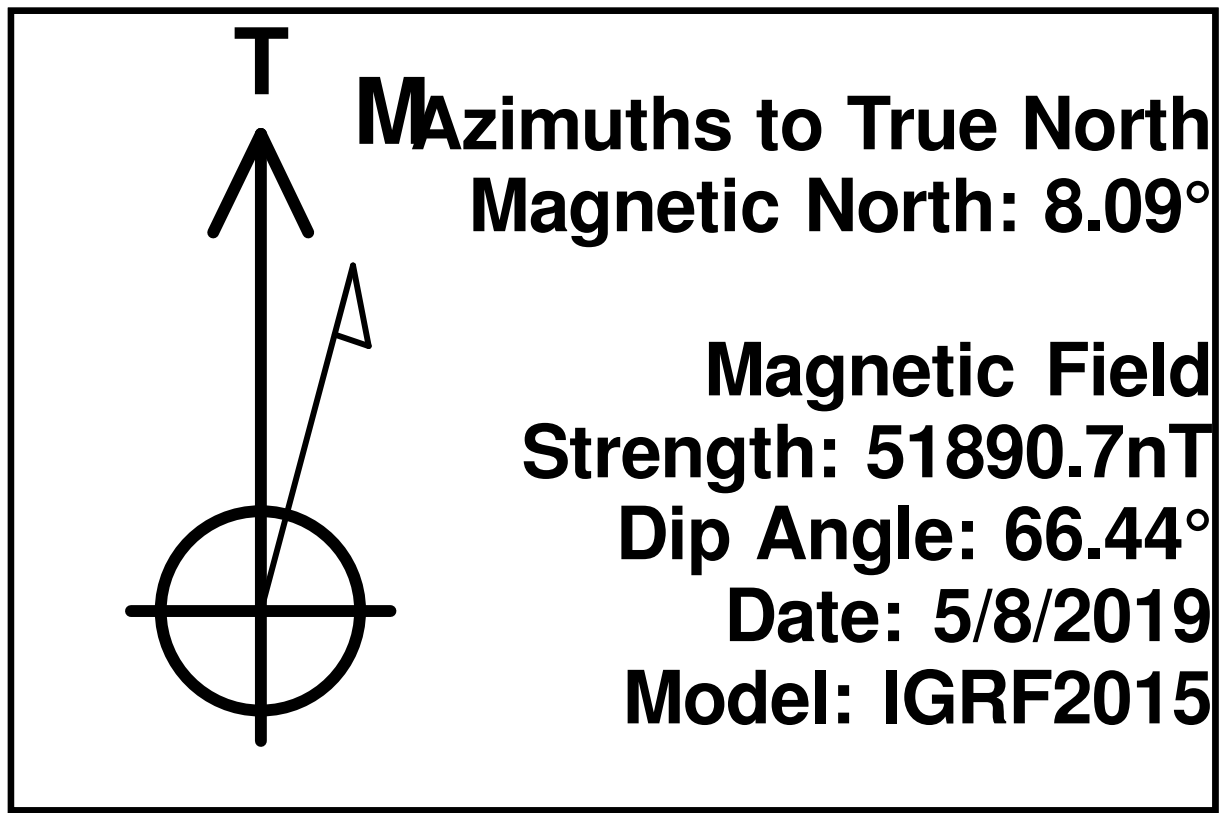
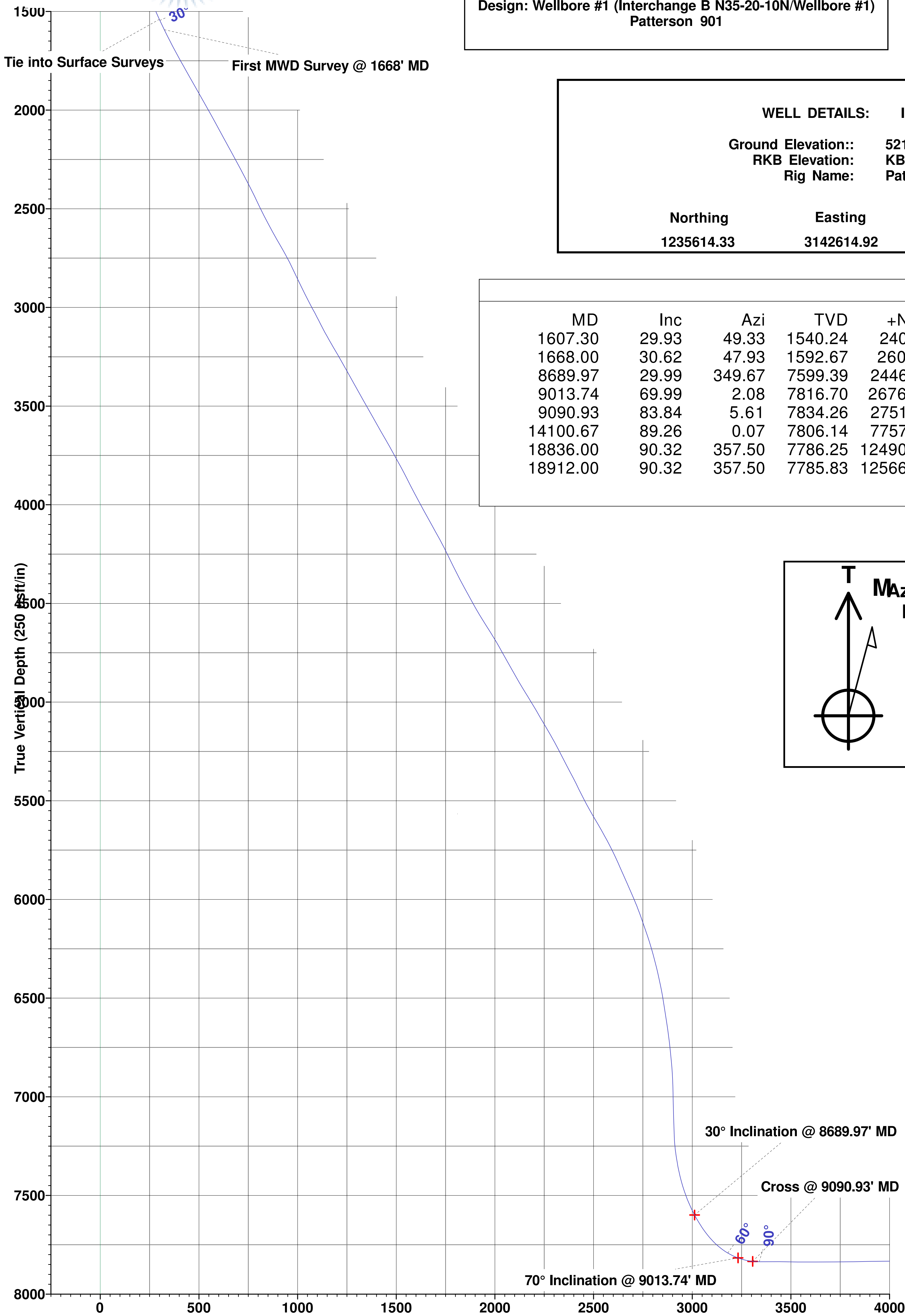




Extraction Oil & Gas  
Project: Weld County, CO (NAD83)  
Site: Sec 10-T01S-R68W Interchange Pad  
Well: Interchange B N35-20-10N  
Wellbore: Wellbore #1  
Design: Wellbore #1 (Interchange B N35-20-10N/Wellbore #1)  
Patterson 901

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/ 2513' FSL & 1707' FWL  
KOP/425' FNL & 690' FEL  
LP/150' FSL & 694' FEL  
BHL/ 460' FNL & 237' FEL  
Ground Elevation 5213'

WELL DETAILS: Interchange B N35-20-10N

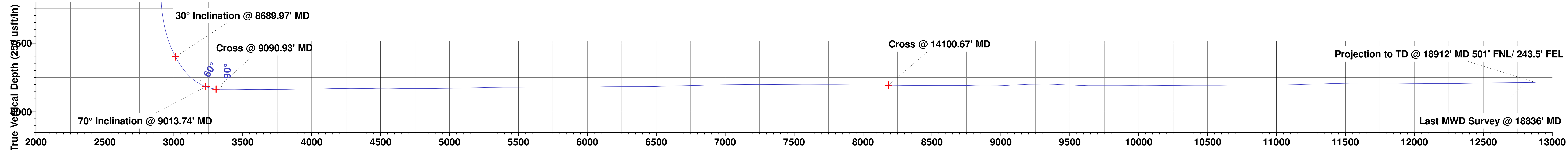
Ground Elevation:: 5213.00  
RKB Elevation: KB @ 5241.00usft (Patterson 901)  
Rig Name: Patterson 901

Northing	Easting	Latittude	Longitude
1235614.33	3142614.92	39.979022	-104.991094

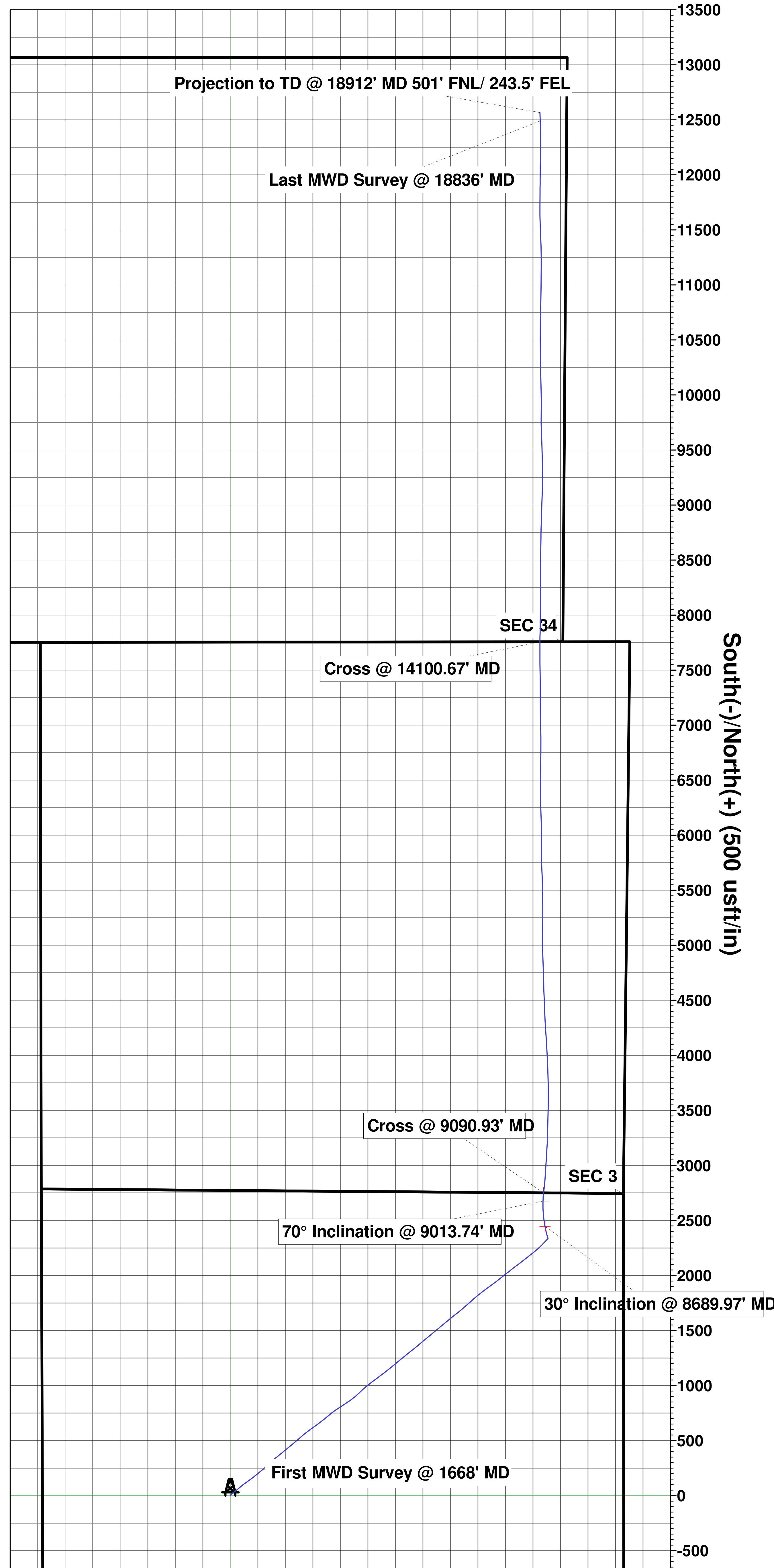
#### ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation
1607.30	29.93	49.33	1540.24	240.49	297.52	299.67	383.80	Tie into Surface Surveys
1668.00	30.62	47.93	1592.67	260.71	320.49	324.43	414.41	First MWD Survey @ 1668' MD
8689.97	29.99	349.67	7599.39	2446.53	2859.29	3012.07	3834.64	30° Inclination @ 8689.97' MD
9013.74	69.99	2.08	7816.70	2676.21	2841.52	3232.32	4065.27	70° Inclination @ 9013.74' MD
9090.93	83.84	5.61	7834.26	2751.00	2846.59	3306.41	4139.80	Cross @ 9090.93' MD
14100.67	89.26	0.07	7806.14	7757.00	2813.69	8184.32	9148.51	Cross @ 14100.67' MD
18836.00	90.32	357.50	7786.25	12490.42	2816.49	12804.01	13882.99	Last MWD Survey @ 18836' MD
18912.00	90.32	357.50	7785.83	12566.34	2813.18	12877.38	13958.99	Projection to TD @ 18912' MD 501' FNL/ 243.5' FEL

#### Vertical Section at 12.62° (250 usft/in)



#### Vertical Section at 12.62° (250 usft/in)



South(-)/North(+) (500 usft/in)