



Extraction Oil & Gas
Project: Weld County, CO (NAD83)
Site: Sec 29-T06N-R67W Merlin
Well: Merlin 29E-10-6N
Wellbore: Wellbore #1
Design: Wellbore #1 (Merlin 29E-10-6N/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: Merlin 29E-10-6N

Ground Elevation:: 4810.80
RKB Elevation: KB=29 @ 4839.80usft (Patterson 901)
Rig Name: Patterson 901

Northing	Easting	Latitude	Longitude
1410334.82	3159934.10	40.45835	-104.92525

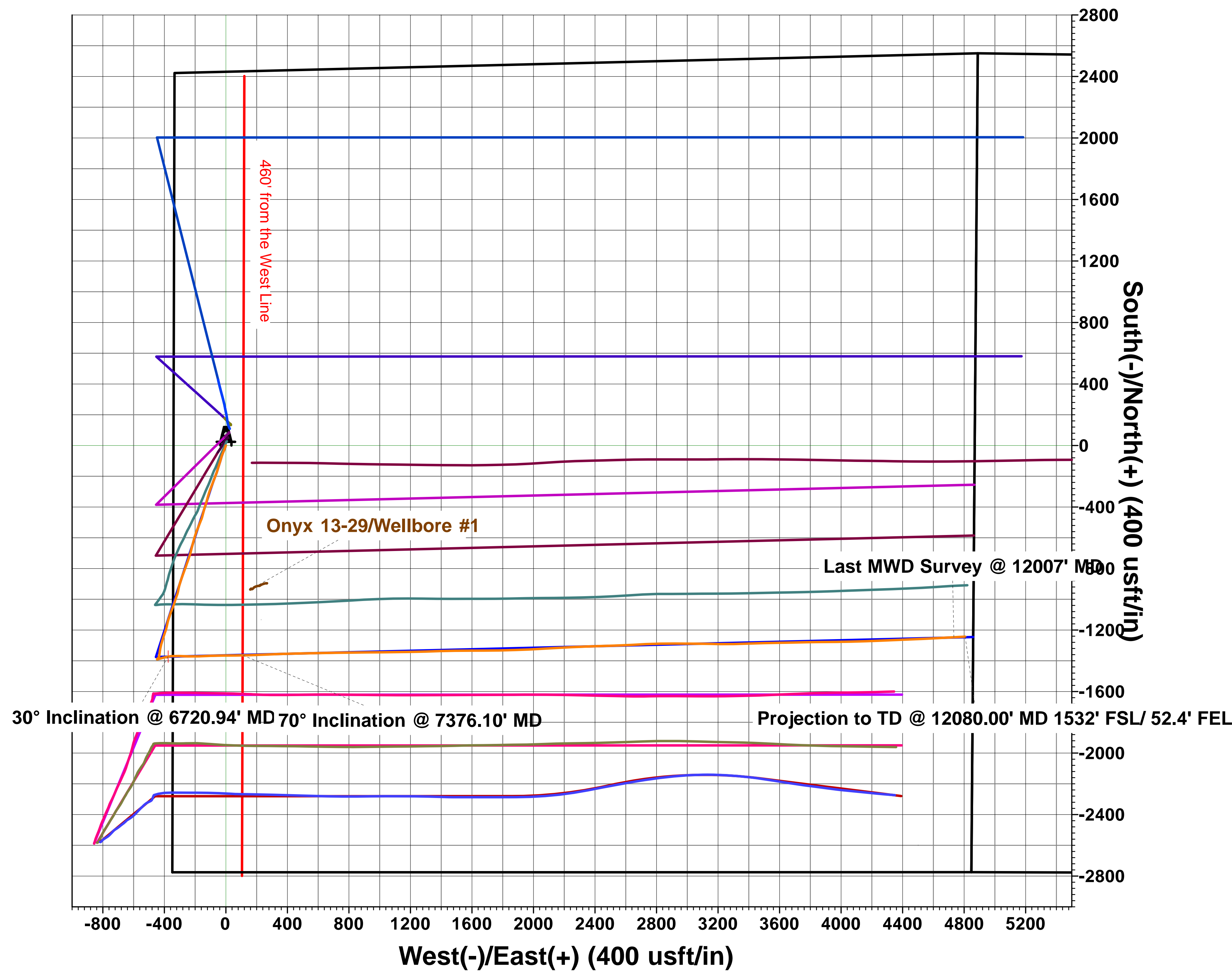
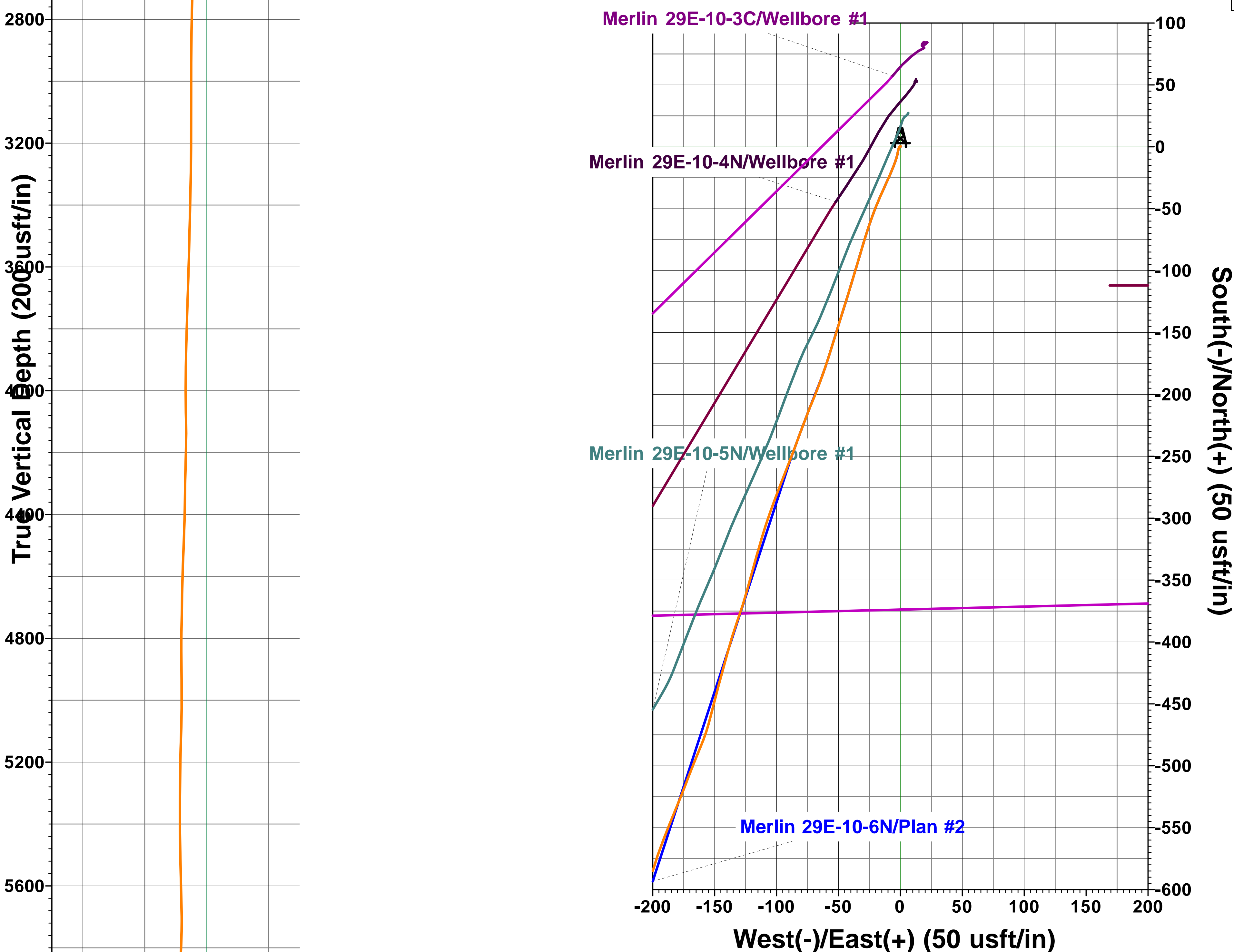


ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Departure	Annotation
128.00	128.00	0.44	50.25	0.31	0.38	0.29	0.49	First Surface Survey
1563.20	1592.00	13.40	200.54	-241.01	-84.52	-22.05	258.16	Last Surface Survey/Tie in Point
1724.74	1759.00	15.95	201.54	-280.48	-99.74	-27.00	300.47	First MWD Survey @ 1759' MD
6509.56	6720.94	30.00	80.04	-1372.00	-375.38	-23.06	1542.91	30° Inclination @ 6720.94' MD
6927.33	7376.10	70.00	88.75	-1364.39	111.09	446.29	2030.04	70° Inclination @ 7376.10' MD
6999.52	12007.00	89.13	86.79	-1246.59	4733.56	4894.85	6654.03	Last MWD Survey @ 12007' MD
7000.63	12080.00	89.13	86.79	-1242.50	4806.44	4964.43	6727.02	Projection to TD @ 12080.00' MD 1532' FSL/ 52.4' FEL

Last Surface Survey/Tie

First MWD Survey @ 1759' MD



30° Inclination @ 6720.94' MD

70° Inclination @ 7376.10' MD

Last MWD Survey @ 12007' MD

Projection to TD @ 12080.00' MD 1532' FSL/ 52.4' FEL

