



Project: WELD COUNTY, CO
Site: Kiteley 21-I Pad
Well: Kiteley 4
Wellbore: Kiteley 4
Design: Kiteley 4
Latitude: 40° 12' 28.836 N
Longitude: 105° 0' 55.084 W
GL: 4991.00
KB: New KB @ 5019.00ft (Cyclone 37)



WELLBORE TARGET DETAILS (LAT/LONG)

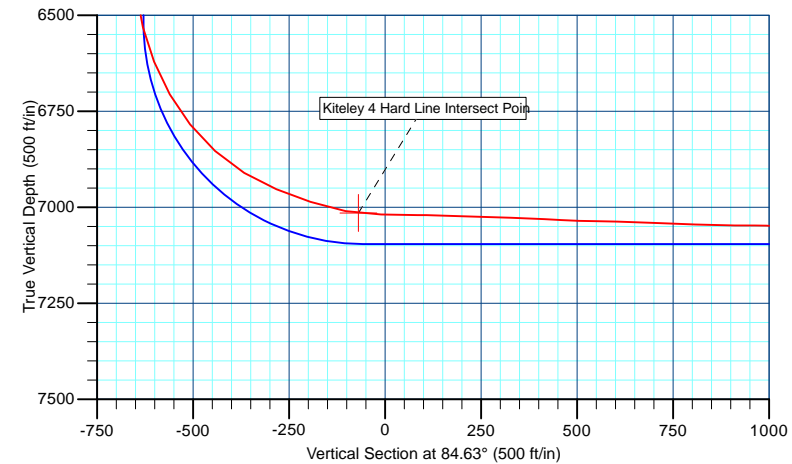
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PBHL Kiteley 4	7096.00	381.42	4262.61	1319395.06	3139635.76	40° 12' 32.602 N	105° 0' 0.140 W

WELL DETAILS: Kiteley 4

+N/-S	+E/-W	Northing	Ground Level:	Latitude	Longitude	Slot
0.00	0.00	1318990.34	4991.00 Easting 3135375.31	40° 12' 28.836 N	105° 0' 55.084 W	

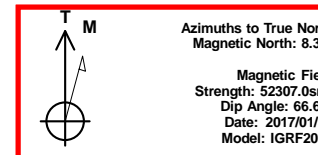
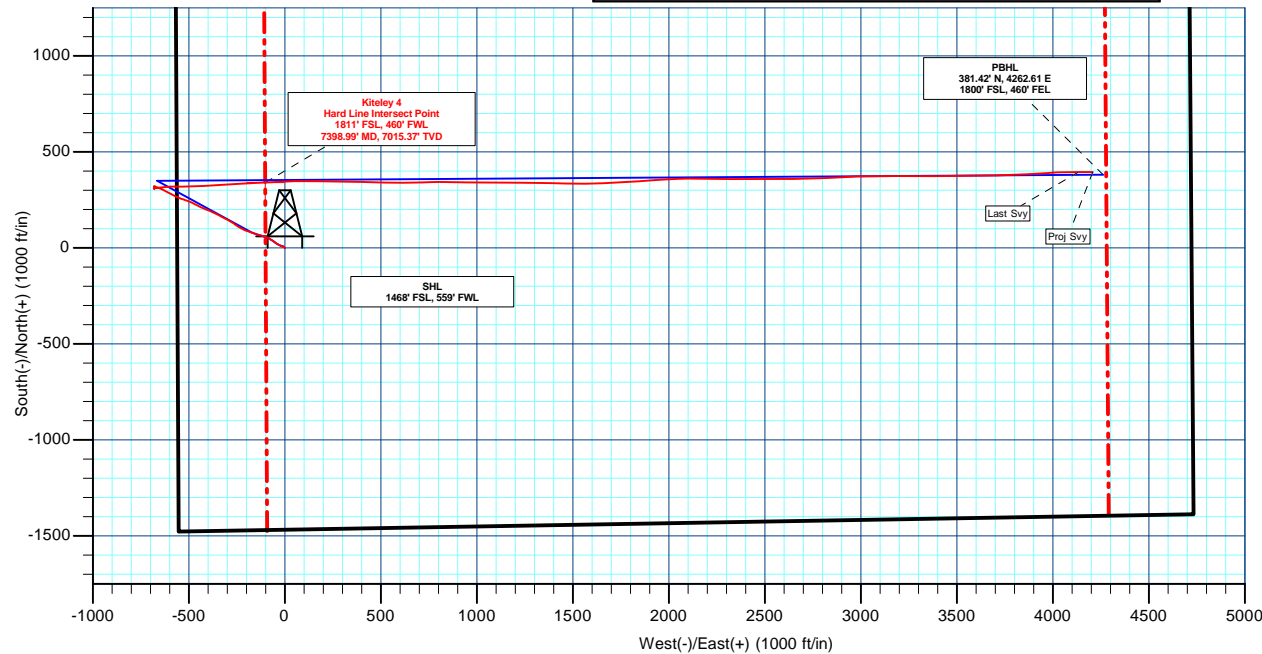
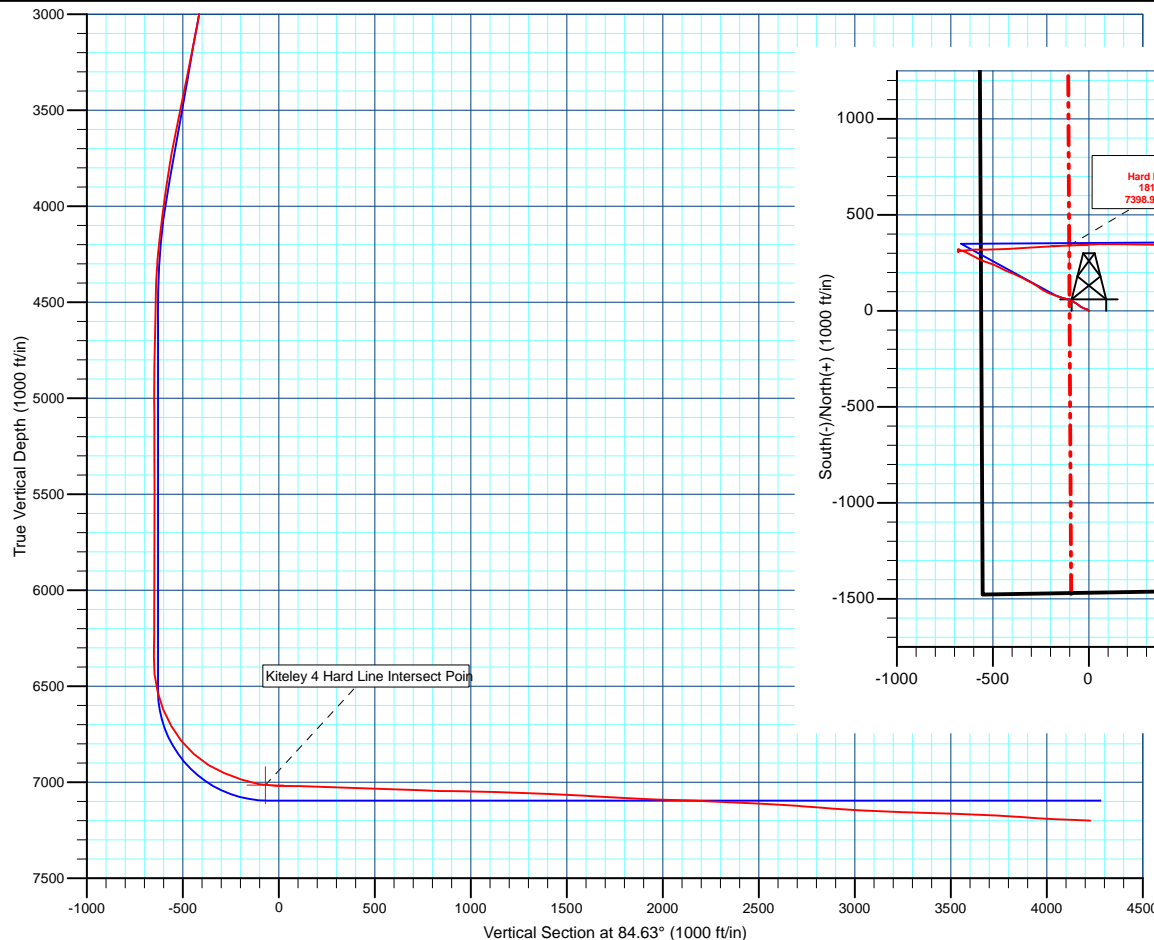
SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation
1534.00	11.80	289.10	1517.50	76.30	-161.42	0.00	0.00	-153.98	Surface Tie on 2.00' DLG
1633.37	12.00	298.70	1614.74	84.59	-180.09	2.00	88.94	-171.83	Start 2353.58 hold at 1633.37 MD
3986.95	12.00	298.70	3916.89	319.58	-609.31	0.00	0.00	-578.40	Start Drop -2.00
4586.95	0.00	0.00	4512.51	349.64	-664.22	2.00	180.00	-630.41	Start 2010.53 hold at 4586.95 MD
6597.48	0.00	0.00	6523.04	349.64	-664.22	0.00	0.00	-630.41	Start DLS 10.00 TFO 89.63
7497.48	90.00	89.63	7096.00	353.34	-91.27	10.00	89.63	-59.42	Start 4353.97 hold at 7497.48 MD
11851.45	90.00	89.63	7096.00	381.42	4262.61	0.00	0.00	4279.64	TD at 11851.45



Survey: Survey #1 (Kiteley 4/Kiteley 4)

Created By: TRACY WILLIAMS Date: 12:29, April 28 2017



Azimuths to True North
Magnetic North: 8.37°
Magnetic Field
Strength: 52307.0snT
Dip Angle: 66.67°
Date: 2017/01/31
Model: IGRF2015

PROJECT DETAILS: WELD COUNTY, CO

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Northern Zone
System Datum: Mean Sea Level