



Project: WELD COUNTY, CO  
Site: Kiteley 21-I Pad  
Well: Kiteley 1  
Wellbore: Kiteley 1  
Design: Kiteley 1  
Latitude: 40° 12' 29.416 N  
Longitude: 105° 0' 55.688 W  
GL: 4991.00  
KB: New KB @ 5019.00ft (Cyclone 37)



#### WELLBORE TARGET DETAILS (LAT/LONG)

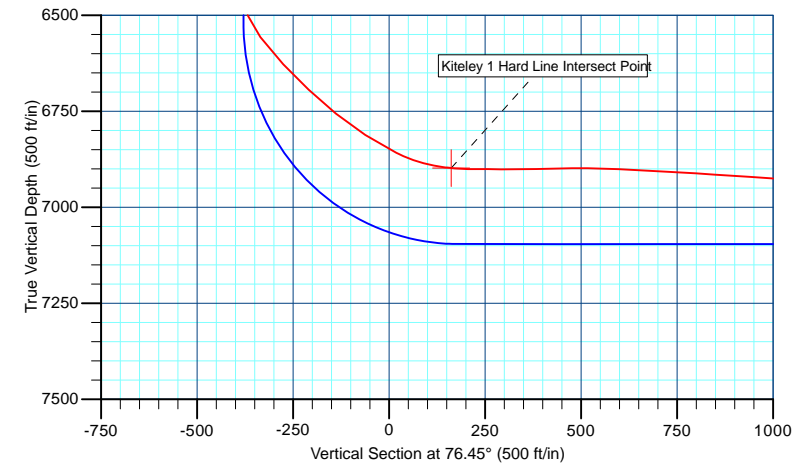
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PBHL Kiteley 1	7096.00	1022.92	4308.01	1320095.19	3139630.42	40° 12' 39.521 N	105° 0' 0.158 W

#### WELL DETAILS: Kiteley 1

+N/-S	+E/-W	Northing	Ground Level: Easting	4991.00 Latitude	105° 0' 55.688 W Longitude	Slot
0.00	0.00	1319048.75	3135328.07	40° 12' 29.416 N		

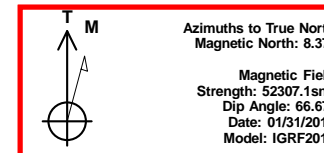
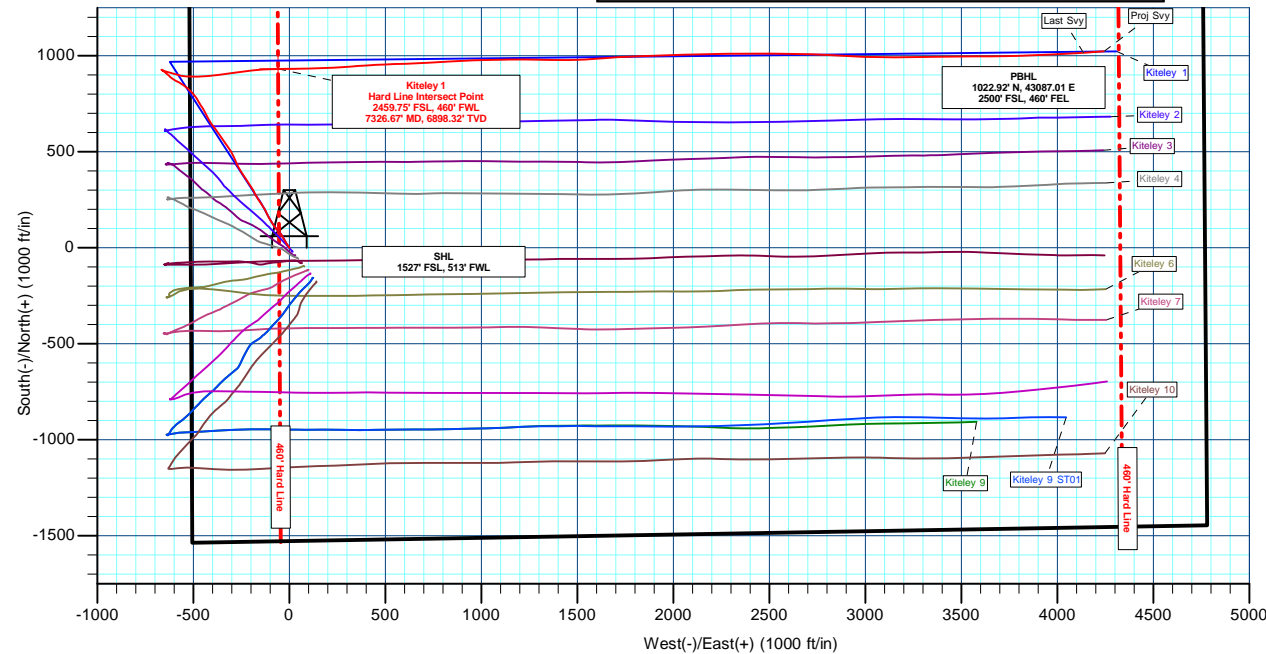
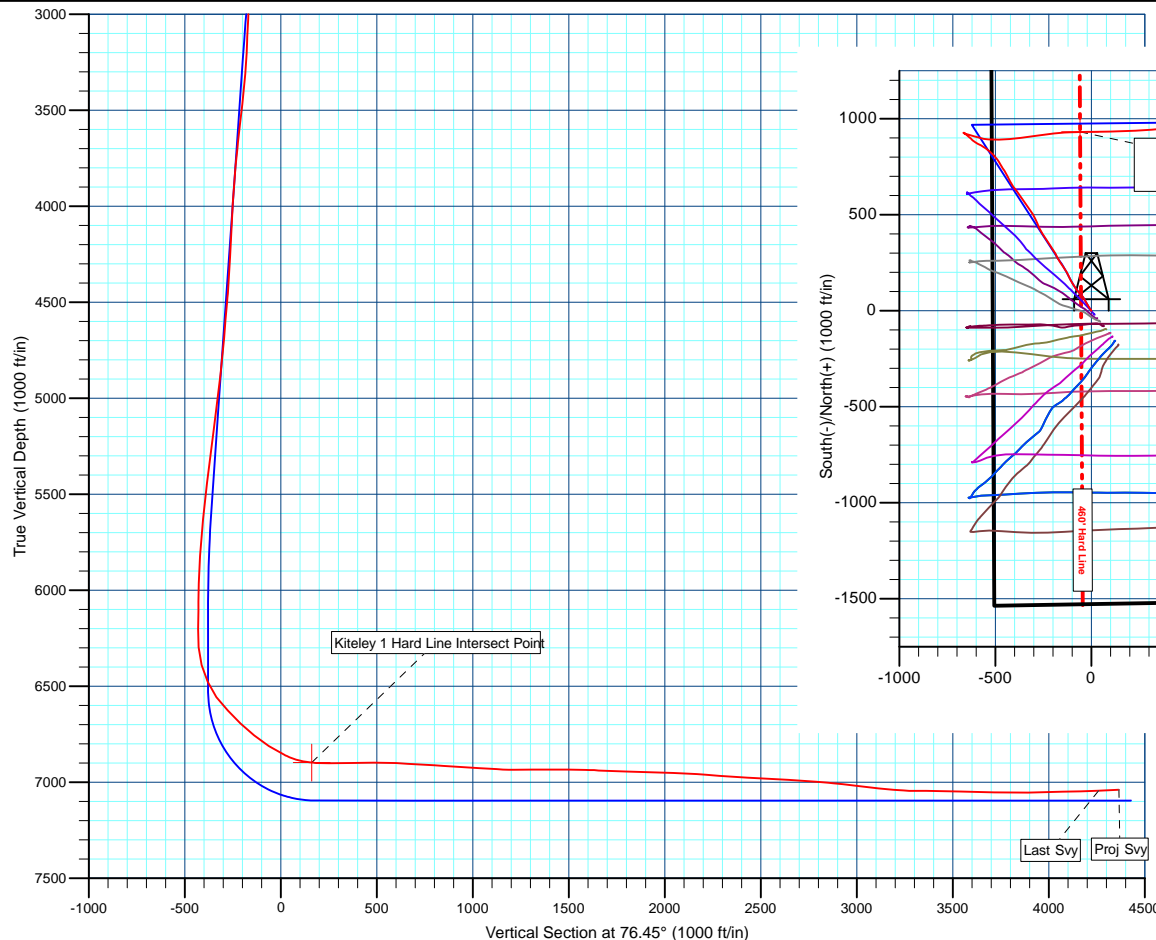
#### SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSeet	Annotation
1539.00	13.10	331.20	1515.63	197.13	-126.60	0.00	0.00	-77.64	Surface Tie on 2.00° DLG
1609.07	12.00	327.20	1584.02	210.21	-134.37	2.00	-143.63	-82.18	Start 4035.92 hold at 1609.07 MD
5644.99	12.00	327.20	5531.75	915.54	-588.93	0.00	0.00	-361.49	Start Drop -2.00
6244.99	0.00	0.00	6127.37	968.17	-622.84	2.00	180.00	-382.32	Start 395.67 hold at 6244.99 MD
6640.66	0.00	0.00	6523.04	968.17	-622.84	0.00	0.00	-382.32	Start DLS 10.00 TFO 89.36
7540.66	90.00	89.36	7096.00	974.53	-49.92	10.00	89.36	176.57	Start 4358.20 hold at 7540.66 MD
11898.86	90.00	89.36	7096.00	1022.92	4308.01	0.00	0.00	4427.79	TD at 11898.86



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

Created By: TRACY WILLIAMS Date: 7:40, March 08 2017



#### 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