



Project: WELD COUNTY, CO  
Site: Hester Farms PAD  
Well: Hester Farms D-36HN  
Wellbore: Hester Farms D-36HN  
Design: Hester Farms D-36HN  
Latitude: 40° 32' 0.589 N  
Longitude: 104° 49' 52.968 W  
GL: 4915.00  
KB: New KB @ 4943.00ft (Cyclone 37)



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

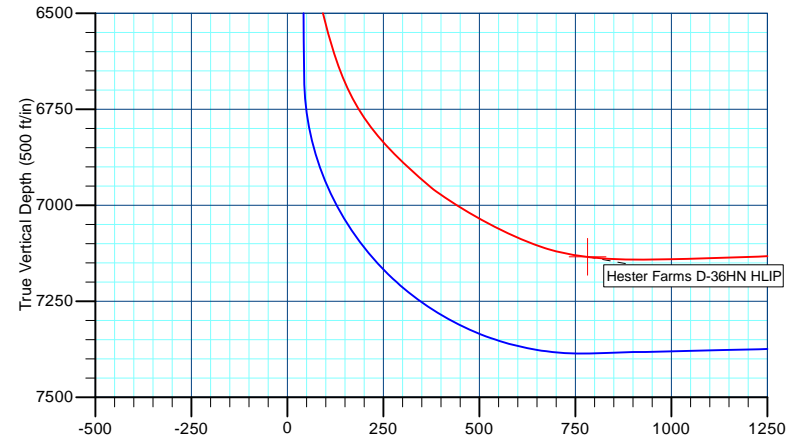
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PBHL Hester Farms D-36HN	7281.00	785.62	-4980.20	1438642.37	3180863.16	40° 32' 8.347 N	104° 50' 57.471 W

#### WELL DETAILS: Hester Farms D-36HN

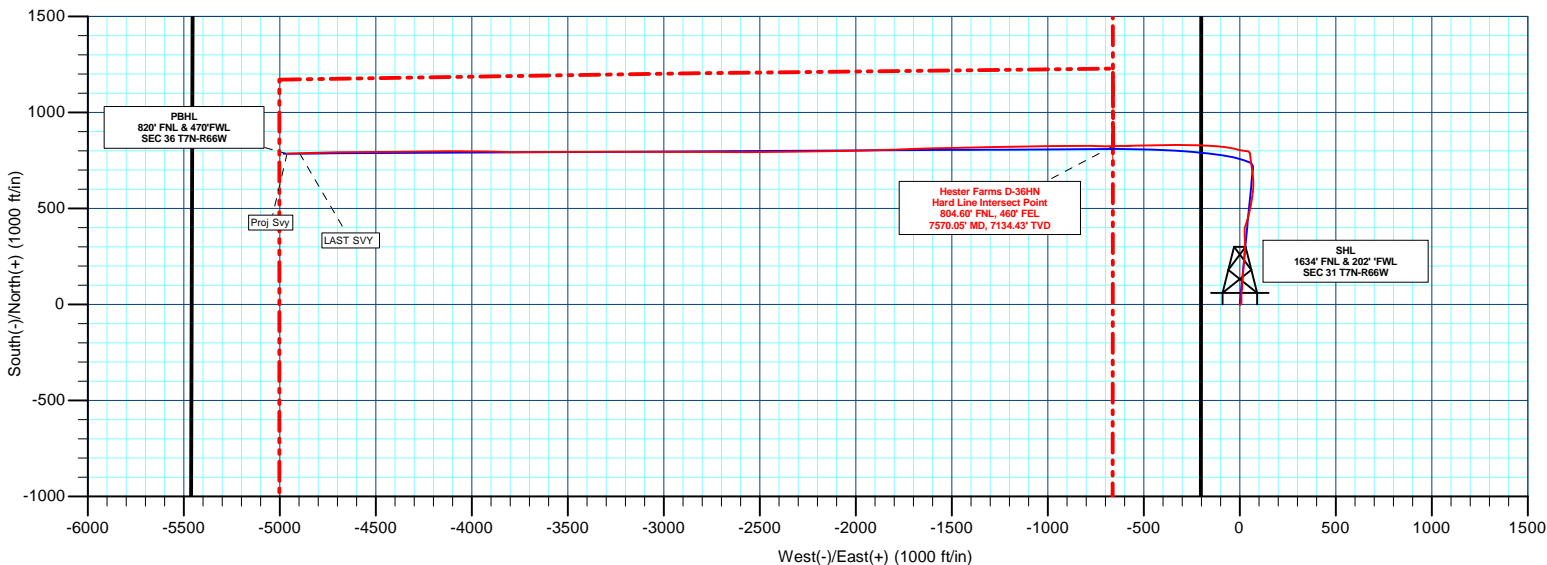
+N/-S	+E/-W	Northing	Ground Level: Easting	Latitude	Longitude	Slot
0.00	0.00	1437894.33	4915.00 3185849.13	40° 32' 0.589 N	104° 49' 52.968 W	

#### SECTION DETAILS

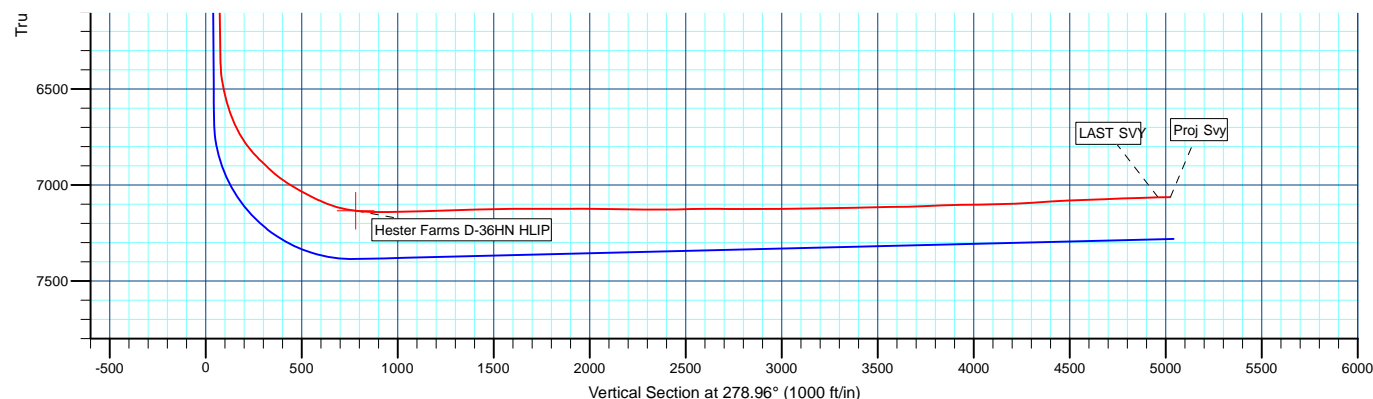
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation
17.00	0.00	0.00	17.00	0.00	0.00	0.00	0.00	0.00	
817.00	0.00	0.00	817.00	0.00	0.00	0.00	0.00	0.00	
1567.00	7.50	5.50	1564.86	48.79	4.70	1.00	5.50	2.96	
6713.14	7.50	5.50	6666.97	717.41	69.08	0.00	0.00	43.55	
7864.90	91.39	269.68	7386.00	809.83	-664.86	8.00	-95.59	782.93	
12181.59	91.39	269.68	7281.00	785.62	-4980.20	0.00	0.00	5041.78	



Vertical Section at 278.96° (500 ft/in)



West(-)/East(+) (1000 ft/in)



Vertical Section at 278.96° (1000 ft/in)



Azimuths to True North  
Magnetic North: 8.32°

Magnetic Field  
Strength: 52524.7 nT  
Dip Angle: 66.97°  
Date: 11/02/2016  
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

Survey: Survey #1 (Hester Farms D-36HN/Hester Farms D-36HN)

Created By: TRACY WILLIAMS Date: 13:35, January 18 2017