



Project: WELD COUNTY, CO  
Site: Burroughs South Pad  
Well: Burroughs South 10  
Wellbore: Burroughs South 10  
Design: Burroughs South 10  
Latitude: 40° 34' 27.631 N  
Longitude: 104° 37' 15.949 W  
GL: 4944.00  
KB: New KB @ 4972.00ft (Cyclone 37)



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

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PBHL Burroughs South 10	7283.00	508.48	-9957.26	1453693.66	3234188.28	40° 34' 32.636 N	104° 39' 24.990 W

#### WELL DETAILS: Burroughs South 10

+N/-S	+E/-W	Northing	Ground Level:	4944.00	Latitude	Longitude	Slot
0.00	0.00	1453283.89	Easting	3244150.07	40° 34' 27.631 N	104° 37' 15.949 W	

#### SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00
1002.50	4.05	56.30	1002.33	3.97	5.95	2.00	56.30	-5.74	Start 5689.32 hold at 1002.50 MD
6691.82	4.05	56.30	6677.44	226.92	340.25	0.00	0.00	-328.23	Start DLS 10.00 TFO -144.80
7624.94	90.00	271.43	7283.00	265.85	-230.96	10.00	-144.80	244.22	Start 9729.32 hold at 7624.94 MD
17354.26	90.00	271.43	7283.00	508.48	-9957.26	0.00	0.00	9970.23	TD at 17354.26



Azimuths to True North  
Magnetic North: 8.19°

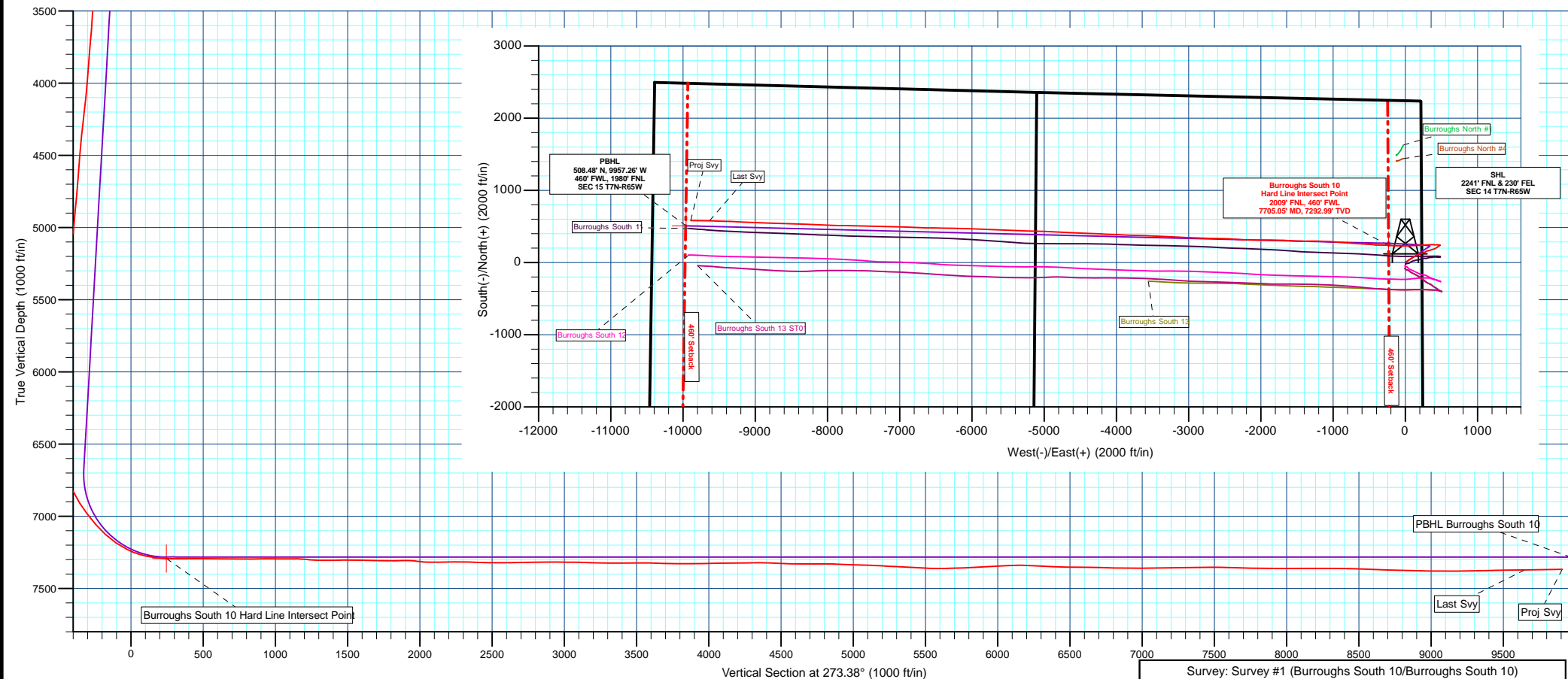
Magnetic Field  
Strength: 52541.3snT  
Dip Angle: 67.03°  
Date: 01/25/2017  
Model: IGRF2015

#### 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

#### CASING DETAILS

No casing data is available



Survey: Survey #1 (Burroughs South 10/Burroughs South 10)

Created By: TRACY WILLIAMS Date: 9:27, March 28 2017