Verdad Resources LLC

Rev 0

Borehole:	Well:	Field:	Structure:
Original Hole	Safi 1224 04H	CO, Weld County (NAD 83 NZ) - 2019	Verdad Resources 12-01N-65W (Safi 1224 Pad)

Gravity & Magnetic Parameters

Model:	HDGM 2019	Dip:	66.379°	Date:	09-Dec-2019		
MagDec:	8.034°	FS:	51937.962nT	Gravity FS:	999mgn (9.80665 Based)		

Surface Location NAD83 Colorado State Plane, Northern Zone, US Feet

Lat:	N 40 3 53.23	Northing:	1267694.84ftUS	Grid Conv:	0.5746°
Lon:	W 104 36 38.43	Easting:	3248906.48ftUS	Scale Fact:	0.99996209

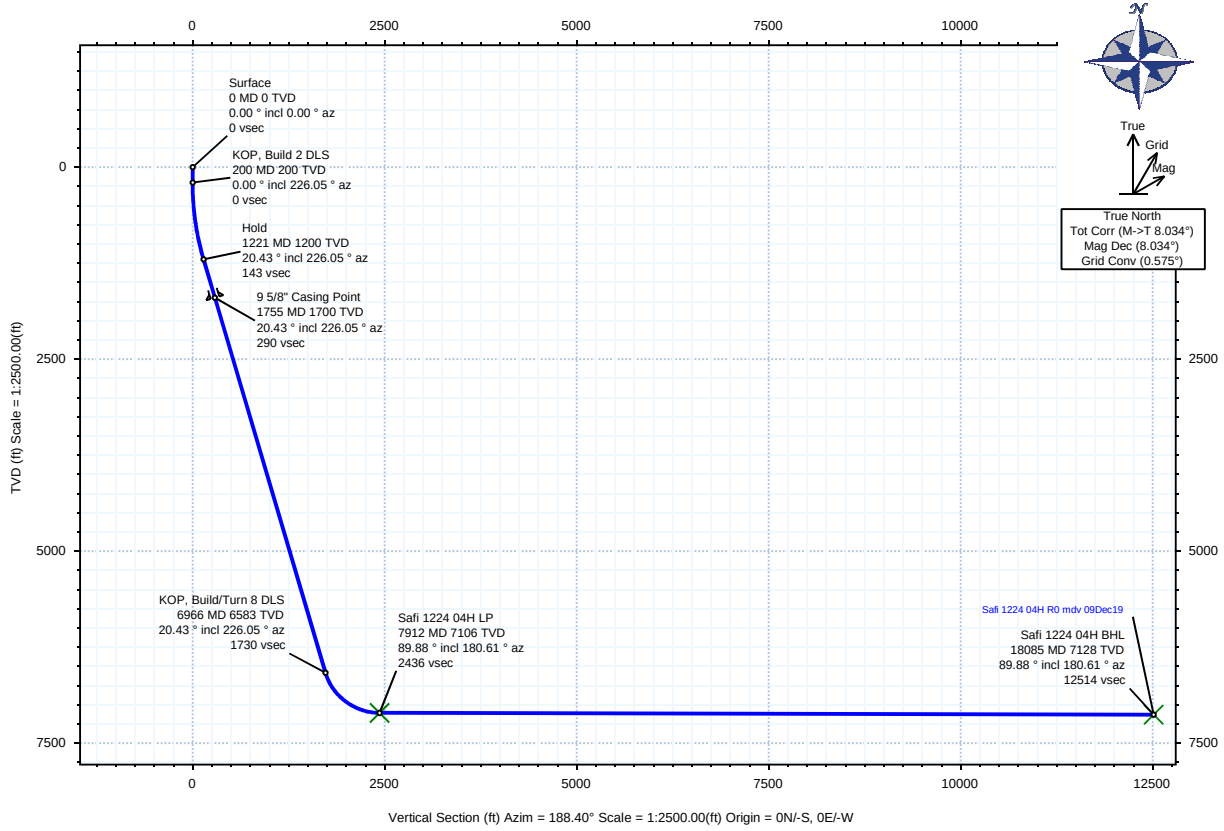
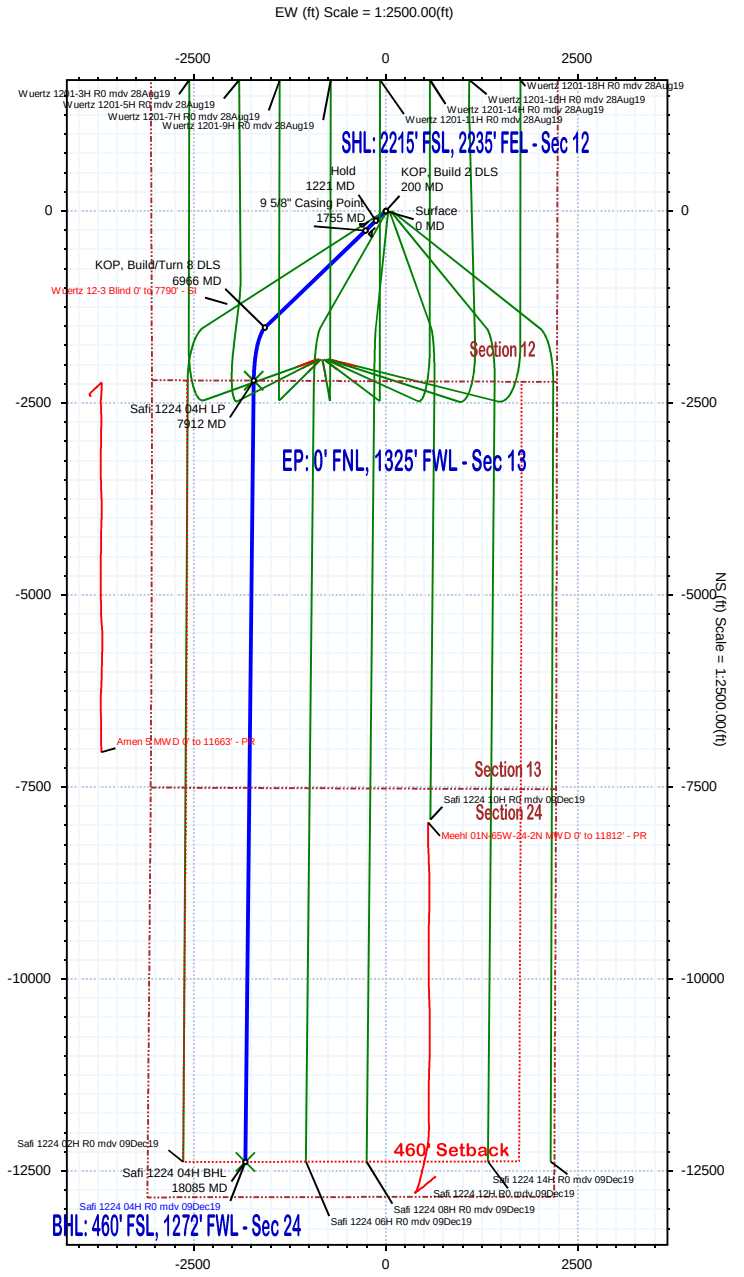
Miscellaneous

Slot:	Safi 1224 04H	TVD Ref:	Drill Floor(4991ft above MSL)
Plan:	Safi 1224 04H R0 mdv 09Dec19		

Surface Location

Northing: 1267694.84098795 Easting: 3248906.48304368 Latitude: N 40 3 53.23 Longitude: W 104 36 38.43 VSec Azimuth: 188.40

Target Description			Grid Coord				Local Coord	
Target Name	Latitude	Longitude	Northing	Easting	TVD	VSec	N(+)/S(-)	E(+)/W(-)
Safi 1224 Pad Sec 12-13 - CL	N 40 3 53.23	W 104 36 38.64	1267694.75	3248890.50	4991.00	2.26	0.07	-15.98
Safi 1224 Pad Sec 13-24 - CL	N 40 3 53.23	W 104 36 38.64	1267694.75	3248890.50	4991.00	2.26	0.07	-15.98
Safi 1224 Pad Sec 12-13-24	N 40 3 53.23	W 104 36 38.64	1267694.75	3248890.50	4991.00	2.26	0.07	-15.98
Safi 1224 Pad Sec 13-24 - Setback	N 40 3 53.23	W 104 36 38.64	1267694.75	3248890.50	4991.00	2.26	0.07	-15.98
Safi 1224 04H LP	N 40 3 31.41	W 104 37 0.54	1265469.71	3247209.60	7106.00	2435.54	-2208.09	-1719.18
Safi 1224 04H BHL	N 40 1 50.88	W 104 37 1.93	1255297.47	3247202.68	7128.00	12514.40	-12380.15	-1828.12

Critical Points

Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS
Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
KOP, Build 2 DLS	200.00	0.00	226.05	200.00	0.00	0.00	0.00	0.00
Hold	1221.48	20.43	226.05	1199.98	142.67	-125.06	-129.73	2.00
9 5/8" Casing Point	1755.07	20.43	226.05	1700.00	290.13	-254.32	-263.82	0.00
KOP, Build/Turn 8 DLS	6966.07	20.43	226.05	6583.24	1730.29	-1516.73	-1573.35	0.00
Safi 1224 04H LP	7912.35	89.88	180.61	7106.00	2435.54	-2208.09	-1719.18	8.00
Safi 1224 04H BHL	18085.02	89.88	180.61	7128.00	12514.40	-12380.15	-1828.12	0.00