



# Verdad Resources LLC



Rev 0

Borehole:	Well:	Field:	Structure:
Original Hole	Safi 1224 02H	CO, Weld County (NAD 83 NZ) - 2019	Verdad Resources 12-01N-65W (Safi 1224 Pad)

Gravity & Magnetic Parameters	Surface Location	NAD83 Colorado State Plane, Northern Zone, US Feet	Miscellaneous
Model: HDGM 2019 Dip: 66.379° Date: 09-Dec-2019	Lat: N 40 3 53.23 Northing: 1267694.75ftUS Grid Conv: 0.5746°		Slot: Safi 1224 02H TVD Ref: KB 21ft(4991ft above MSL)
MagDec: 8.034° FS: 51937.97nT Gravity FS: 999mgn (9.80665 Based)	Lon: W 104 36 38.64 Easting: 3248890.5ftUS Scale Fact: 0.99996209		Plan: Safi 1224 02H R0 mdv 09Dec19

Northing: 1267694.75356745 Easting: 3248890.50154327 Latitude: N 40 3 53.23 Longitude: W 104 36 38.64 VSec Azimuth: 191.96	Surface Location	NAD83 Colorado State Plane, Northern Zone, US Feet
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 0.00	0.00 0.00
Safi 1224 Pad Sec 13-24 - CL	N 40 3 53.23 W 104 36 38.64 1267694.75 3248890.50 4991.00 0.00	0.00 0.00
Safi 1224 Pad Sec 12-13-24	N 40 3 53.23 W 104 36 38.64 1267694.75 3248890.50 4991.00 0.00	0.00 0.00
Safi 1224 Pad Sec 13-24 - Setback	N 40 3 53.23 W 104 36 38.64 1267694.75 3248890.50 4991.00 0.00	0.00 0.00
Safi 1224 02H LP	N 40 3 31.44 W 104 37 11.61 1265464.58 3246349.39 7056.00 2687.89	-2204.66 -2563.46
Safi 1224 02H BHL	N 40 1 50.87 W 104 37 12.34 1255288.00 3246393.01 7061.00 12656.13	-12381.58 -2621.89

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	0.00
KOP, Build 2 DLS	200.00	0.00	235.41	200.00	0.00	0.00	0.00	0.00
Hold	1470.41	25.41	235.41	1429.17	201.15	-157.31	-228.12	2.00
9 5/8" Casing Point	1770.23	25.41	235.41	1700.00	294.54	-230.34	-334.02	0.00
KOP, Build/Turn 8 DLS	7165.39	25.41	235.41	6573.31	1974.94	-1544.46	-2239.72	0.00
Safi 1224 02H LP	8083.21	89.97	187.00	7056.00	2673.39	-2204.66	-2493.46	8.00
End of Hold, Turn 2 DLS	8283.21	89.97	187.00	7056.10	2872.64	-2403.17	-2517.83	0.00
Hold to TD	8608.64	89.97	180.49	7056.26	3194.56	-2727.73	-2539.08	2.00
Safi 1224 02H BHL	18262.85	89.97	180.49	7061.00	12656.13	-12381.58	-2621.89	0.00

