



Verdad Resources LLC

Schlumberger

Rev 0

Borehole:	Well:	Field:	Structure:
Original Hole	Safi 1224 14H	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: 1267695.32ftUS Grid Conv: 0.5748°	Lon: W 104 36 37.40 Easting: 3248986.47ftUS Scale Fact: 0.99996209	Slot: Safi 1224 14H TVD Ref: KB 21ft(4991ft above MSL)
MagDec: 8.034° FS: 51937.924nT Gravity FS: 999mgm (9.80665 Based)			Plan: Safi 1224 14H R0 mdv 09Dec19

Target Description	Latitude	Longitude	North	East	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	-16.19	0.40	-95.98
Safi 1224 Pad Sec 13-24 - CL	N 40 3 53.23	W 104 36 38.64	1267694.75	3248890.50	4991.00	-16.19	0.40	-95.98
Safi 1224 Pad Sec 12-13-24	N 40 3 53.23	W 104 36 38.64	1267694.75	3248890.50	4991.00	-16.19	0.40	-95.98
Safi 1224 Pad Sec 13-24 - Setback	N 40 3 53.23	W 104 36 38.64	1267694.75	3248890.50	4991.00	-16.19	0.40	-95.98
Safi 1224 14H BHL	N 40 1 50.95	W 104 36 10.86	1255343.60	3251175.25	7021.00	12544.64	-12373.54	2064.83
Safi 1224 14H LP	N 40 3 31.25	W 104 36 10.40	1265493.00	3251108.35	7031.00	2538.87	-2223.58	2099.76

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	128.38	200.00	0.00	0.00	0.00	0.00
Hold	1362.18	23.24	128.38	1330.57	172.40	-144.37	182.27	2.00
9 5/8" Casing Point	1764.25	23.24	128.38	1700.00	290.05	-242.89	306.65	0.00
KOP, Build/Turn 8 DLS	7007.88	23.24	128.38	6518.03	1824.40	-1527.76	1928.80	0.00
Safi 1224 14H LP	7957.04	90.06	180.20	7031.00	2538.87	-2223.58	2099.76	8.00
Safi 1224 14H BHL	18107.07	90.06	180.20	7021.00	12544.64	-12373.54	2064.83	0.00

