



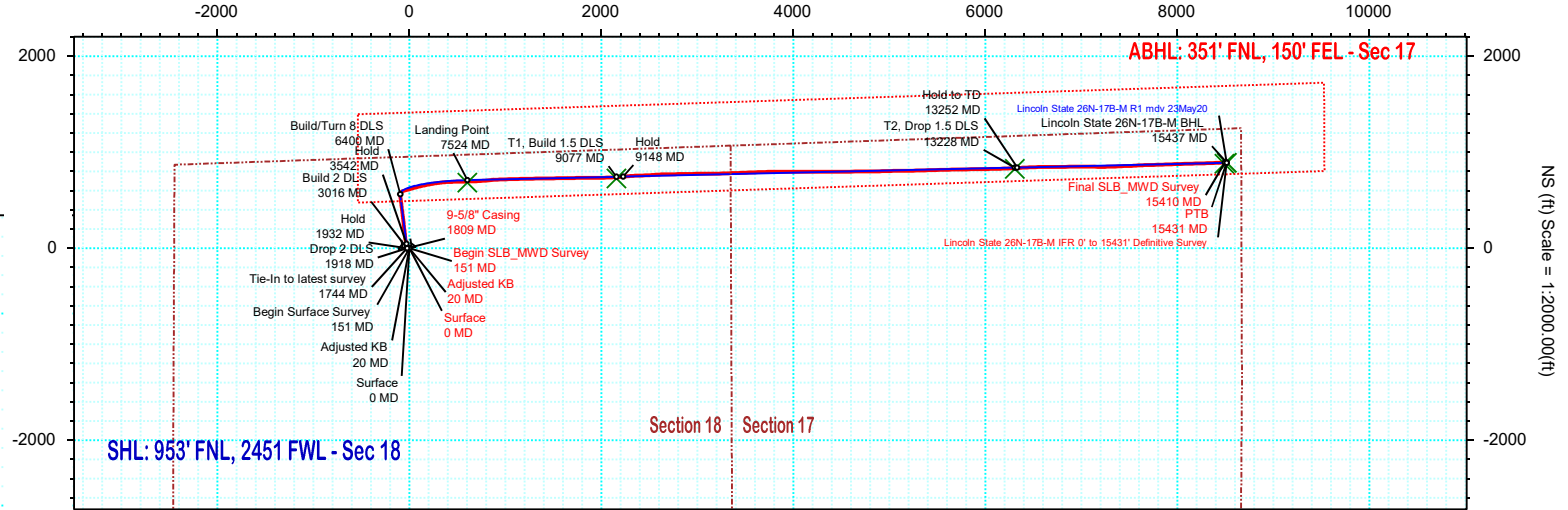
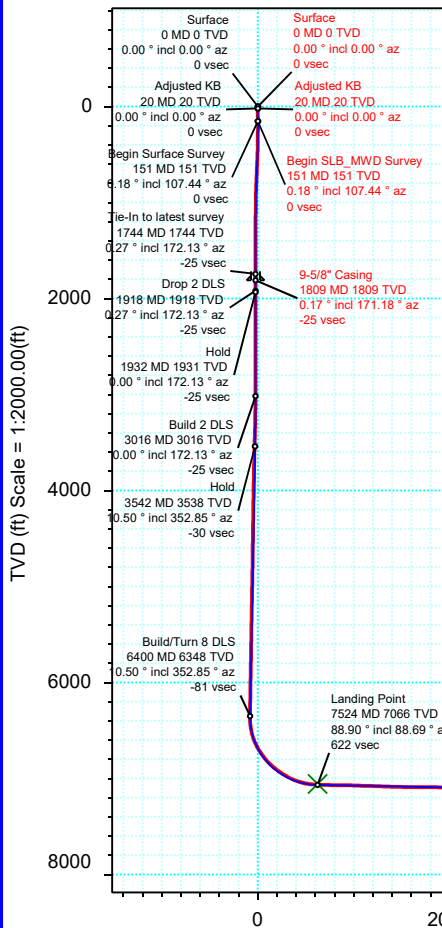
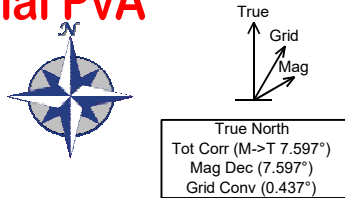
PDC Energy



Borehole: Original Hole		Well: Lincoln State 26N-17B-M	Field: CO, Weld County (NAD 83 NZ) - 2019	Structure: PDC Energy 18-06N-66W (Lincoln State 3-18 Pad DSU 59)
Gravity & Magnetic Parameters Model: Magvar IFR Dip: 66.78° Date: 27-Mar-2020 MagDec: 7.597° FS: 52302NT Gravity FS: 999.042mgn (9.80665 Based)		Surface Location NAD83 Colorado State Plane, Northern Zone, US Feet Lat: N 40 29 31.14 Northing: 1422787.46ftUS Grid Conv: 0.4371° Lon: W 104 49 24.81 Easting: 3188138.93ftUS Scale Fact: 0.99996569		Miscellaneous Slot: Lincoln State 26N-17B-M TVD Ref: KB 20ft(4871ft above MSL) Plan: Lincoln State 26N-17B-M IFR 0' to 15431' Definitive Survey

Final PvA

EW (ft) Scale = 1:2000.00(ft)



Target Description		Surface Location							Local Coord	
		Latitude	Longitude	Northing	Easting	TVD	VSec	N(+)/S(-)	E(+)/W(-)	
Lincoln State 3-18 Pad Sec 18-17		N 40 29 30.75	W 104 49 24.81	1422747.75	3188138.96	4871.00	-1.32	-39.71	-0.28	
Lincoln State 3-18 Pad Sec 18-17 - 26C/26N HL		N 40 29 31.14	W 104 49 24.81	1422787.46	3188138.93	4871.00	0.00	0.00	0.00	
Lincoln State 26N-17B-M TOP		N 40 29 37.89	W 104 49 16.99	1423474.76	3188737.52	7056.00	621.61	682.74	603.83	
Lincoln State 26N-17B-M - T1		N 40 29 38.31	W 104 48 56.90	14706671.29	1691626.98	7096.00	2174.43	726.22	2156.04	
Lincoln State 26N-17B-M - T2		N 40 29 39.30	W 104 48 3.19	14706780.32	1695774.65	7099.30	6325.18	826.99	6305.57	
Lincoln State 26N-17B-M BHL		N 40 29 39.92	W 104 47 34.60	1423742.39	3196645.78	7114.70	8534.69	890.04	8514.19	
Lincoln State 26N-17B-M - T3		N 40 29 39.82	W 104 47 34.91	14706837.72	1697958.21	7114.70	8510.36	880.05	8490.11	

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	
Adjusted KB	20.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00
Begin SLB_MWD Survey	151.00	0.18	107.44	151.00	0.19	-0.06	0.20	0.14
9-5/8" Casing	1809.00	0.17	171.18	1808.59	-24.94	-1.12	-24.92	0.16
Last SLB_MWD Survey	15410.00	89.49	88.72	7117.70	8513.26	891.78	8492.70	1.59
Projection to Bit	15431.00	89.49	88.72	7117.88	8534.25	892.25	8513.70	0.00

Vertical Section (ft) Azim = 88.49° Scale = 1:2000.00(ft) Origin = 0N/-S, 0E/-W