



Mallard Exploration

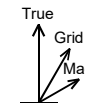


Borehole:	Well:	Field:	Structure:
Original Hole \ Rev 0	Rouen Fed 3-4HN	CO, Weld County (NAD 83 NZ)	03-08N-60W (Rouen Pad)

Gravity & Magnetic Parameters					Surface Location				NAD83 Colorado State Plane, Northern Zone, US Feet				Miscellaneous			
Model:	HDGM 2018	Dip:	67.005°	Date:	04-May-2018	Lat:	N 40 41 46.59	Northing:	1499693.11ftUS	Grid Conv:	0.9238°	Slot:	Rouen Fed 3-4HN	TVD Ref:	KB 20ft(4969ft above MSL)	
MagDec:	7.938°	FS:	52508.162nT	Gravity FS:	999.072mgn (9.80665 Based)	Lon:	W 104 4 12.72	Easting:	3396456.28ftUS	Scale Fact:	0.99998703	Plan:	Rouen Fed 3-4HN R0 smk 04May18			

Surface Location																					
Northing:		1499693.10883546		Easting:		3396456.2751867		Latitude:		N 40 41 46.59		Longitude:		W 104 4 12.72		VSec Azimuth:		264.47			
Target Description		Grid Coord																		Local Coord	
Target Name		Latitude		Longitude		Northing		Easting		TVD		VSec		N(+)/S(-)		E(+)/W(-)					
Rouen Pad Sec 3		N 40 41 47.07		W 104 4 13.17		1499740.28		3396421.40		4969.00		29.35		47.73		-34.11					
Rouen Pad Sec 3 - 600' SB		N 40 41 47.07		W 104 4 13.17		1499740.28		3396421.40		4969.00		29.35		47.73		-34.11					
Rouen Fed 3-4HN - BHL		N 40 41 43.00		W 104 5 1.53		1499268.87		3392703.31		6324.00		3776.93		-363.68		-3759.37					
Rouen Fed 3-4HN - LP		N 40 41 43.34		W 104 4 8.17		1499369.46		3396812.32		6324.00		-317.44		-329.35		350.79					

Rev 0
Proposal



True North
Tot Corr (M->T 7.938°)
Mag Dec (7.938°)
Grid Conv (0.924°)

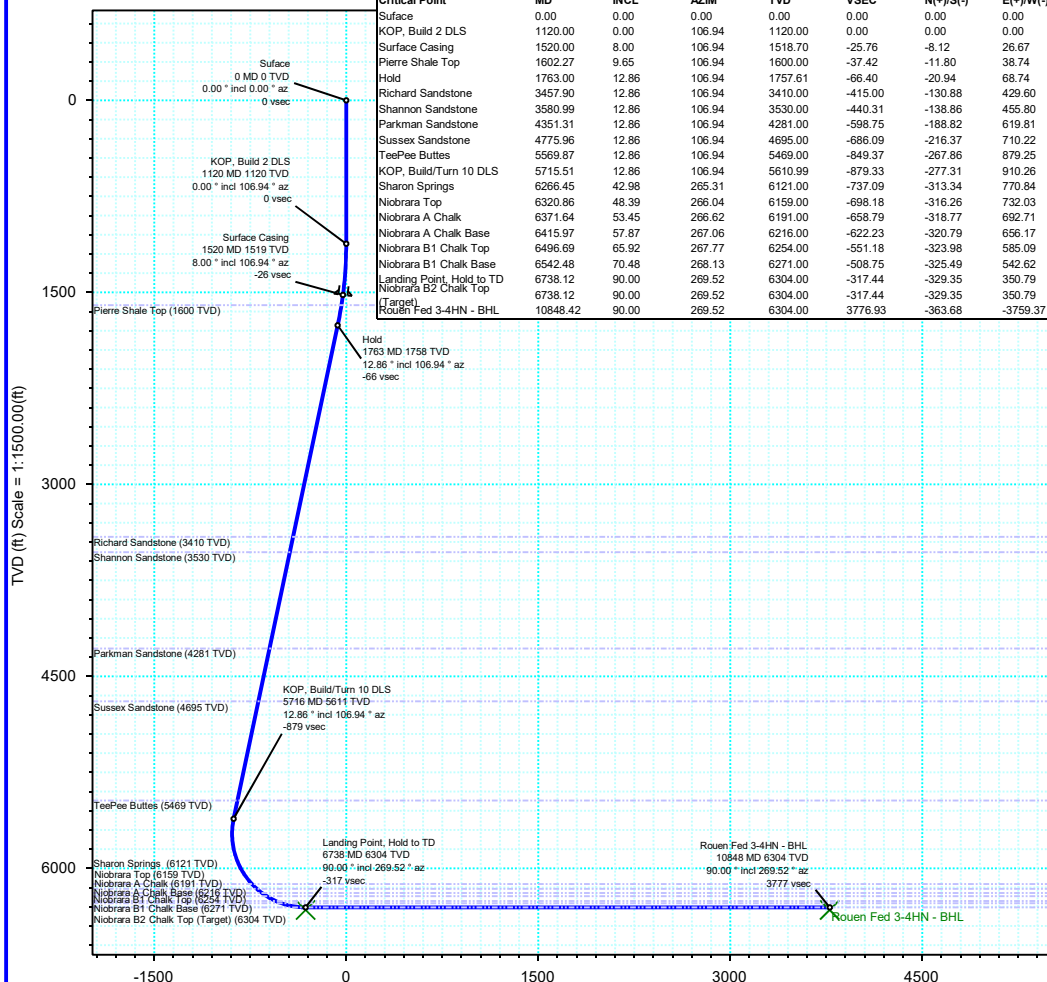
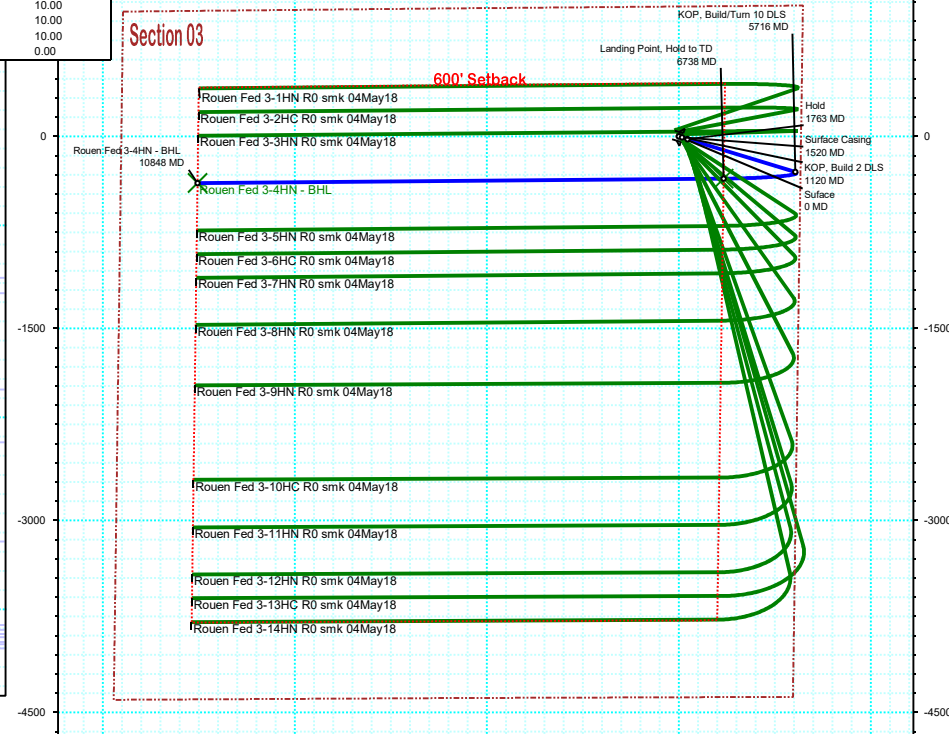
EW (ft) Scale = 1:1500.00(ft)

BHL: 1345' FNL, 600' FWL - Sec 03

SHL: 1013' FNL, 956' FEL - Sec 03

LP: 1345' FNL, 600' FEL - Sec 03

Section 03



Vertical Section (ft) Azim = 264.47° Scale = 1:1500.00(ft) Origin = 0N/-S, 0E/-W