

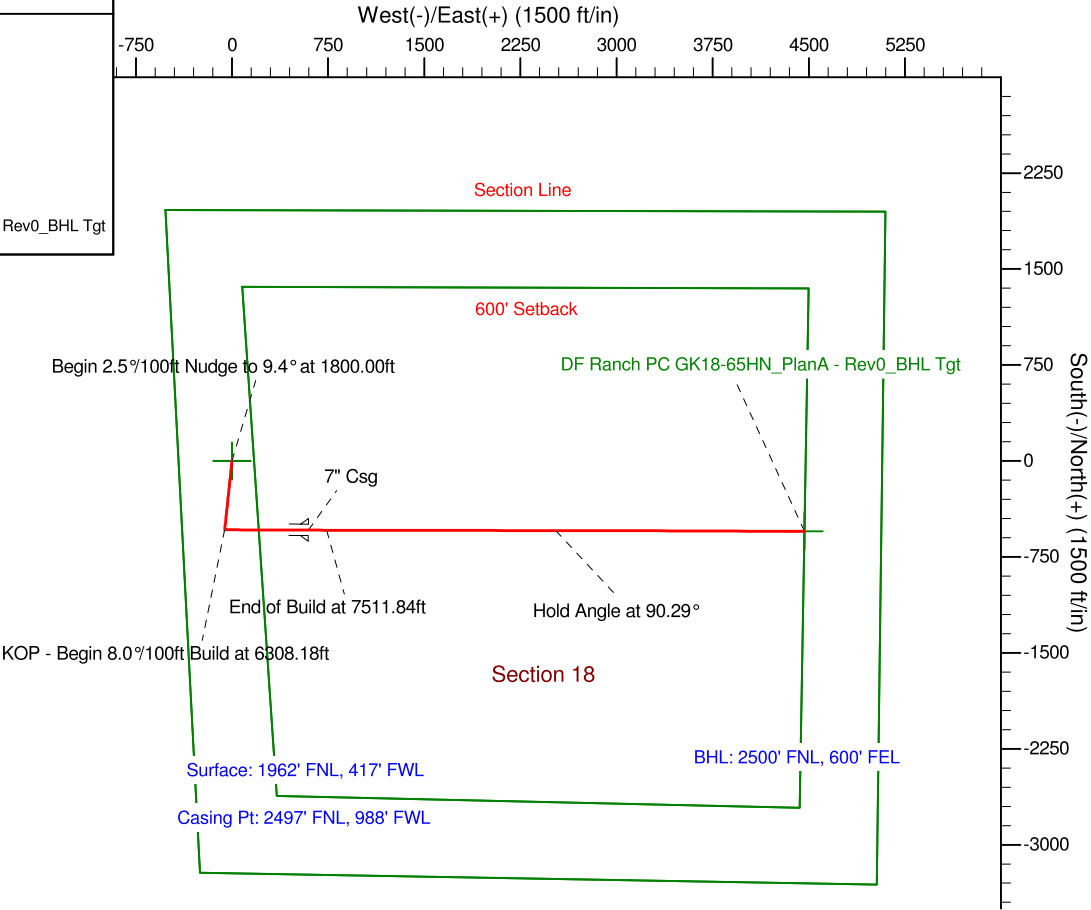
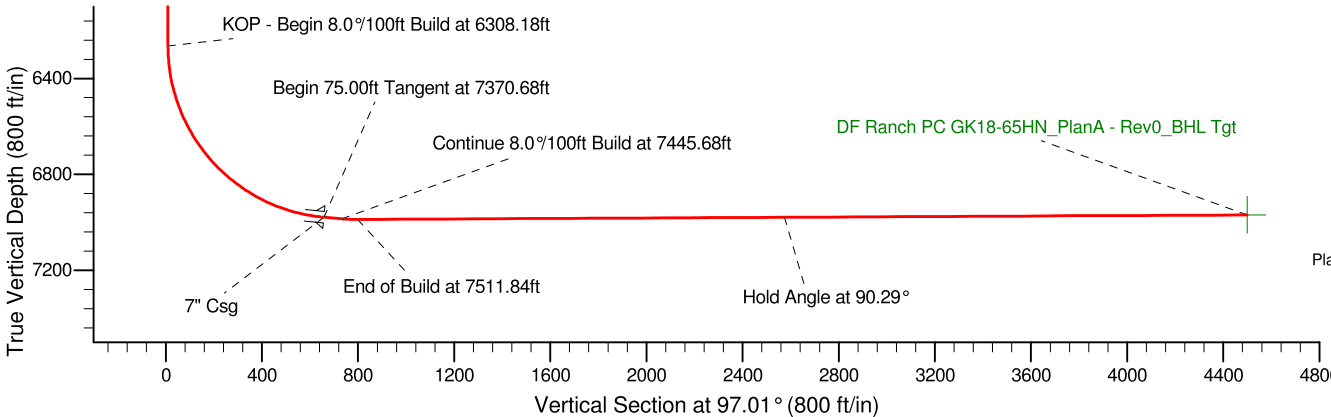
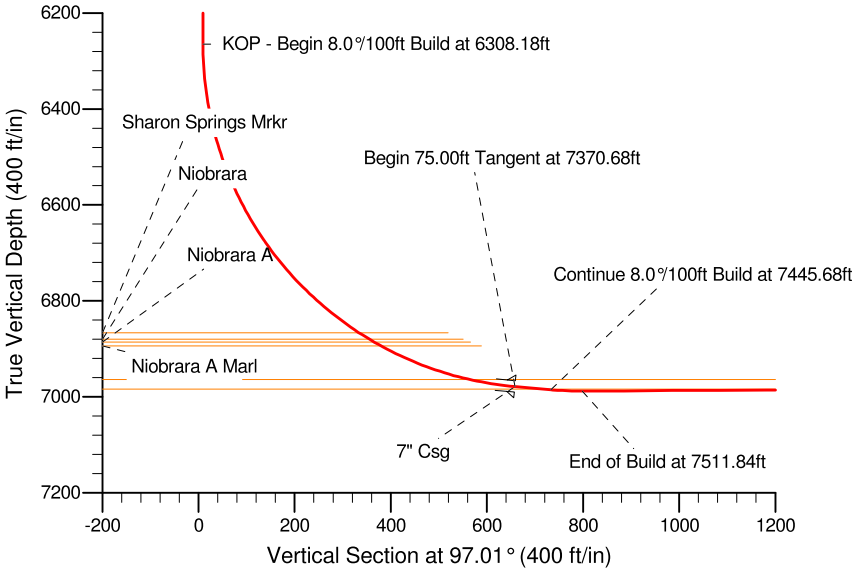
Project: Weld County, CO (NAD 83)
Site: Sec. 18-T11N-R61W
Well: DF Ranch PC GK 18-65HN
Wellbore: Plan A - Rev 0 (PERMITTING PLAN ONLY)
Design: Plan A - Rev 0 Proposal

Noble Energy



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	1800.00	0.00	0.00	1800.00	0.00	0.00	0.00	0.00	0.00	
3	2176.00	9.40	186.00	2174.32	-30.61	-3.22	2.50	186.00	0.54	
4	5116.00	9.40	186.00	5074.84	-508.15	-53.41	0.00	0.00	9.01	
5	5492.00	0.00	0.00	5449.15	-538.76	-56.63	2.50	180.00	9.56	
6	6308.18	0.00	0.00	6265.33	-538.76	-56.63	0.00	0.00	9.56	
7	7370.68	85.00	90.13	6978.81	-540.24	597.15	8.00	90.13	658.62	
8	7445.68	85.00	90.13	6985.34	-540.41	671.86	0.00	0.00	732.80	
9	7511.84	90.29	90.13	6988.06	-540.56	737.94	8.00	0.00	798.41	
10	11239.76	90.29	90.13	6969.00	-549.02	4465.80	0.00	0.00	4499.42	DF Ranch PC GK18-65HN_PlanA - Rev0_BHL Tgt



WELL DETAILS: DF Ranch PC GK 18-65HN				
Ground Level:		5164.00		
Northing	Easting	Latitude	Longitude	
1581822.90	3343297.29	40° 55' 25.932 N	104° 15' 27.864 W	

Plan: Plan A - Rev 0 Proposal (DF Ranch PC GK 18-65HN/Plan A - Rev 0 (PERMITTING PLAN ONLY))	
Created By: Jay Lantz	Date: 11:22, February 07 2011
Checked: _____	Date: _____
Reviewed: _____	Date: _____
Approved: _____	Date: _____