

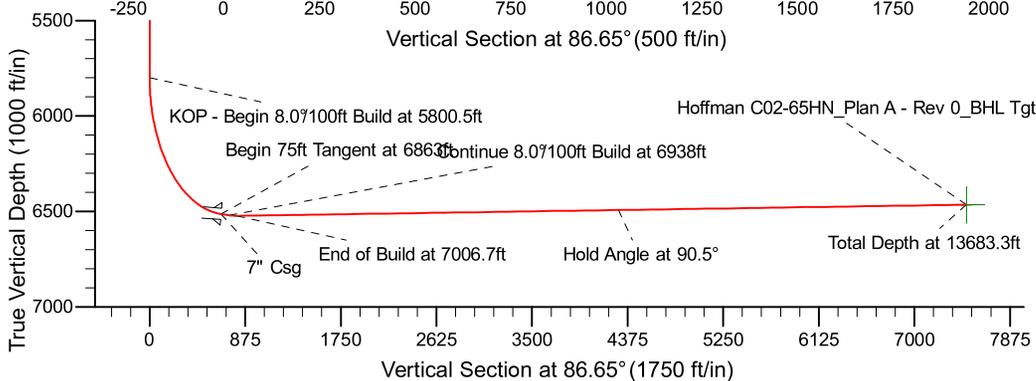
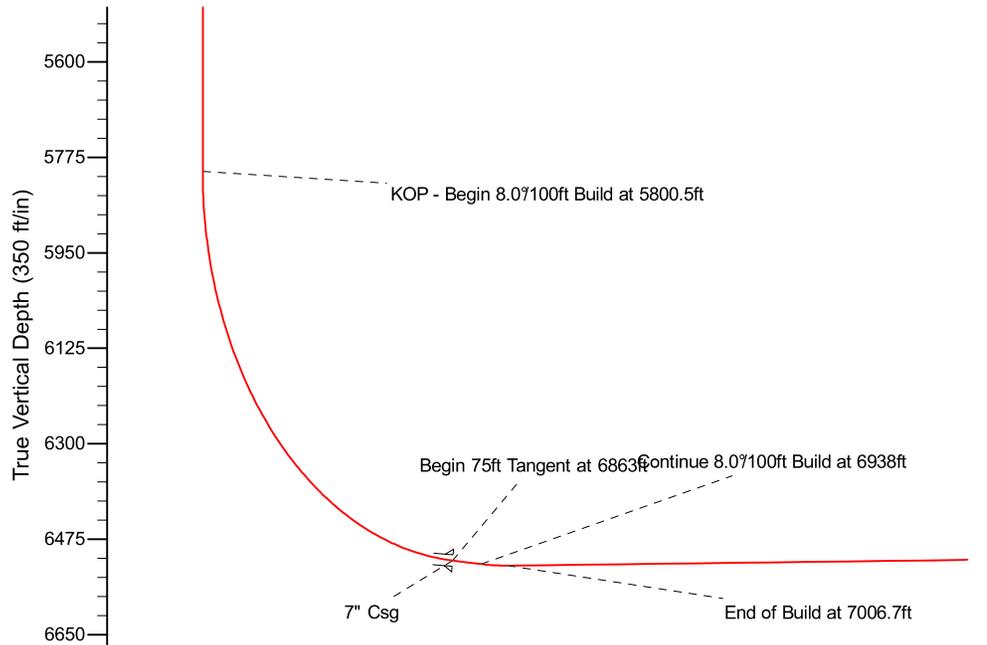
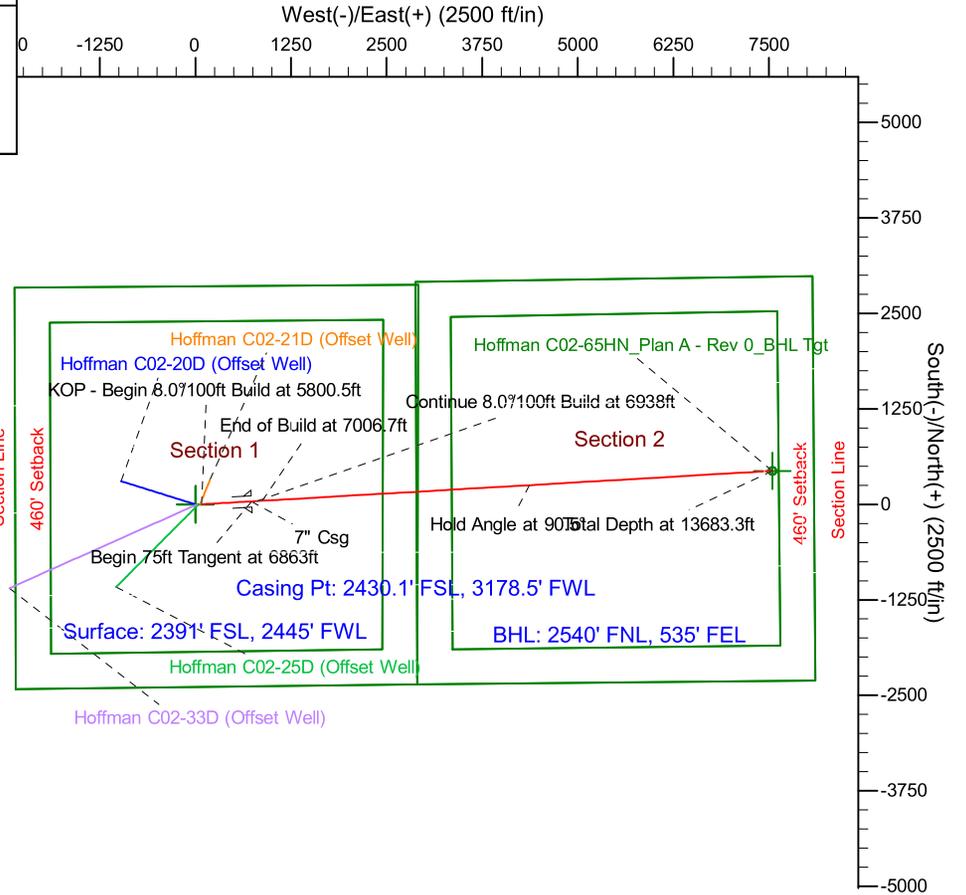
Project: Weld County, CO (NAD 83)  
 Site: Sec. 2, T4N, R64W  
 Well: Hoffman C02-65HN  
 Wellbore: Plan A - Rev 0 (PERMITTING PLAN ONLY)  
 Design: Plan A - Rev 0 Proposal

# Noble Energy



### SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.9	80.8	0.00	0.00	0.0	
2	5800.5	0.00	0.00	5800.5	0.9	80.8	0.00	0.00	0.0	
3	6863.0	85.00	86.65	6514.0	39.1	733.5	8.00	86.65	653.8	
4	6938.0	85.00	86.65	6520.5	43.5	808.1	0.00	0.00	728.5	
5	7006.7	90.50	86.65	6523.2	47.5	876.6	8.00	0.00	797.2	
6	13686.3	90.50	86.65	6465.0	438.1	7544.5	0.00	-106.19	7476.4	Hoffman C02-65HN_Plan A - Rev 0_BHL Tgt



**Magnetic Model: IGRF2010**  
 Date: 3/24/2011  
 Declination: 8.12°  
 Inclination/Dip: 67.05°  
 Field Strength: 53152.6

Grid North is 0.63° East of True North (Grid Convergence)  
 Magnetic North is 8.76° East of True North (Magnetic Declination)  
 Magnetic North is 8.12° East of Grid North (Magnetic Convergence)  
 To convert a True Direction to a Grid Direction, Subtract 0.63°  
 To convert a Magnetic Direction to a True Direction, Add 8.76° East  
 To convert a Magnetic Direction to a Grid Direction, Add 8.12°

WELL DETAILS:		Hoffman C02-65HN (NAD83 Geodetic System)		
Ground Level:	4619.0	Latitude	40°20'26.664 N	
80.8	417115.71	Longitude	104°31'5.772 W	

Plan: Plan A - Rev 0 Proposal (Hoffman C02-65HN/Plan A - Rev 0 (PERMITTING PLAN ONLY))  
 Created By: Jose Patino Date: 19:14, March 24 2011

**OK to submit with 2A as per Noble Drilling**  
**3/25/2011 14:47**