

Noble Energy

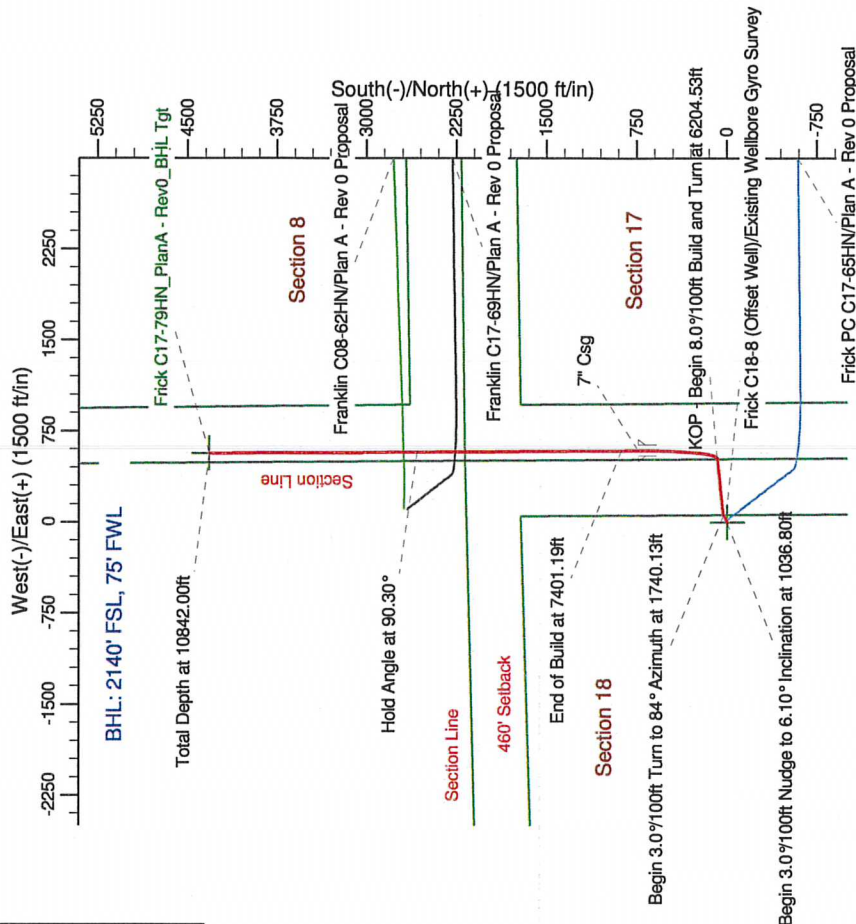
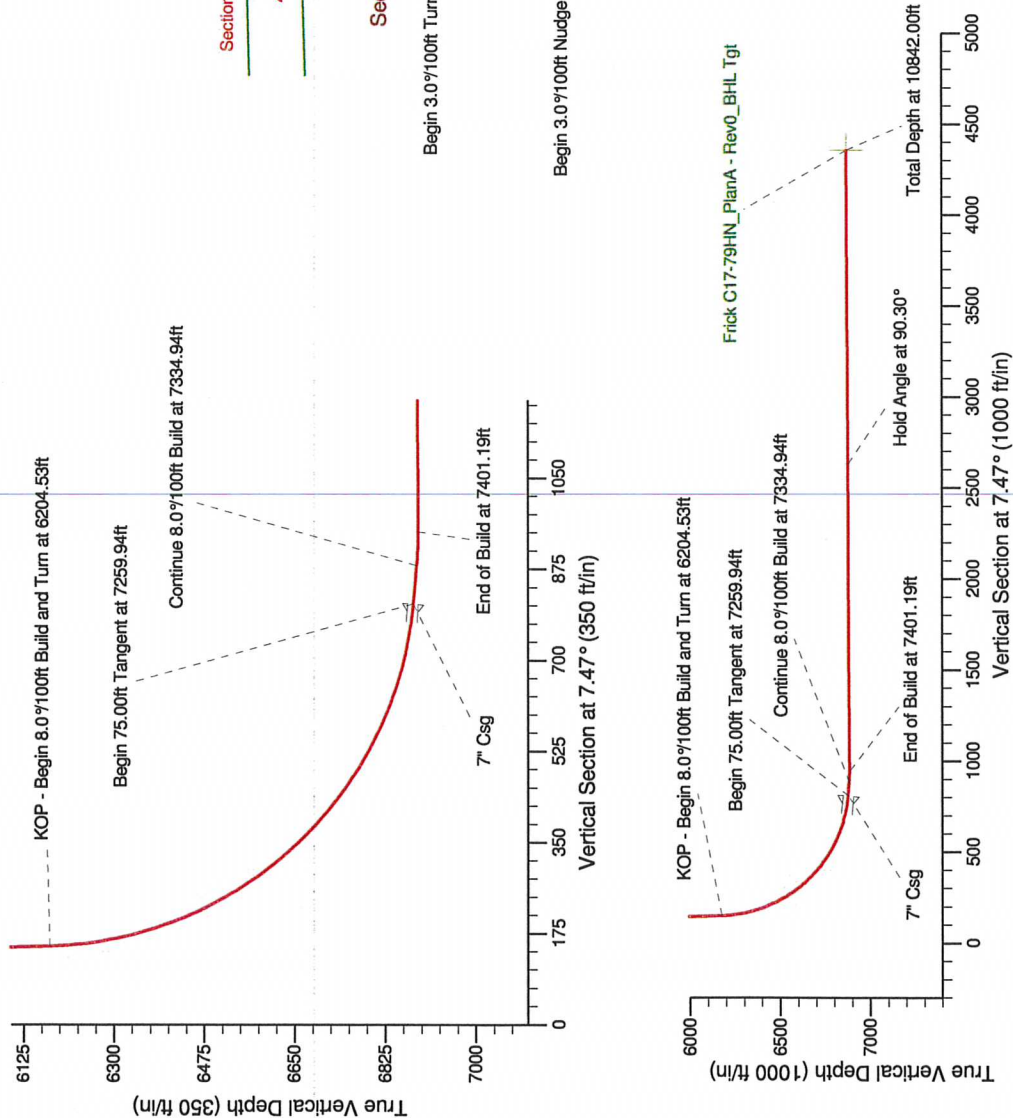
HALLIBURTON
Sperry Drilling

Project: Weld County, CO (NAD 83)
Site: Sec 18-T4N-R64W (Frick PAD)
Well: Frick C17-79HN
Wellbore: Plan A - Rev 0 (PERMITTING PLAN ONLY)
Design: Plan A - Rev 0 Proposal

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	0.00
2	1036.80	0.00	0.00	1036.80	0.00	0.00	0.00	0.00	0.00	0.00
3	1240.13	6.10	60.00	1239.75	5.41	9.36	3.00	60.00	6.58	0.00
4	1740.13	6.10	60.00	1736.92	31.97	55.38	0.00	0.00	38.90	0.00
5	1824.53	6.10	84.00	1820.85	34.68	63.72	3.00	101.93	42.67	0.00
6	6204.53	6.10	84.00	6176.05	83.34	526.61	0.00	0.00	151.06	0.00
7	7259.94	85.00	359.61	6878.79	737.85	590.87	8.00	-94.95	808.38	0.00
8	7334.94	85.00	359.61	6885.33	812.56	590.37	0.00	0.00	882.39	0.00
9	7401.19	90.30	359.61	6888.04	878.73	589.92	8.00	0.00	947.94	0.00
10	10842.00	90.30	359.61	6870.03	4319.41	566.50	0.00	0.00	4356.40	0.00

Frick C17-79HN_PlanA - Rev0_BHL Tgt



Surface: 2166' FNL, 570' FEL
Casing Pt: 1438' FNL, 74' FWL

WELL DETAILS: Frick C17-79HN

Ground Level:	4759.00
North	1359421.11
East	3254903.25
Latitude	40° 18' 49.176 N
Longitude	104° 35' 9.276 W

Plan: Plan A - Rev 0 Proposal (Frick C17-79HN/Plan A - Rev 0 (PERMITTING PLAN ONLY))

Created By: Jay Lantz Date: 15/26, January 25 2011

Checked: Date: _____

Reviewed: Date: _____

Approved: Date: _____