

Project: Weld County, CO (NAD 83)  
Site: Sec. 23-T8N-R61W  
Well: Kummer PC LE23-99HZ  
Wellbore: Plan A (PERMITTING PLAN ONLY)  
Design: Plan A - Rev 0

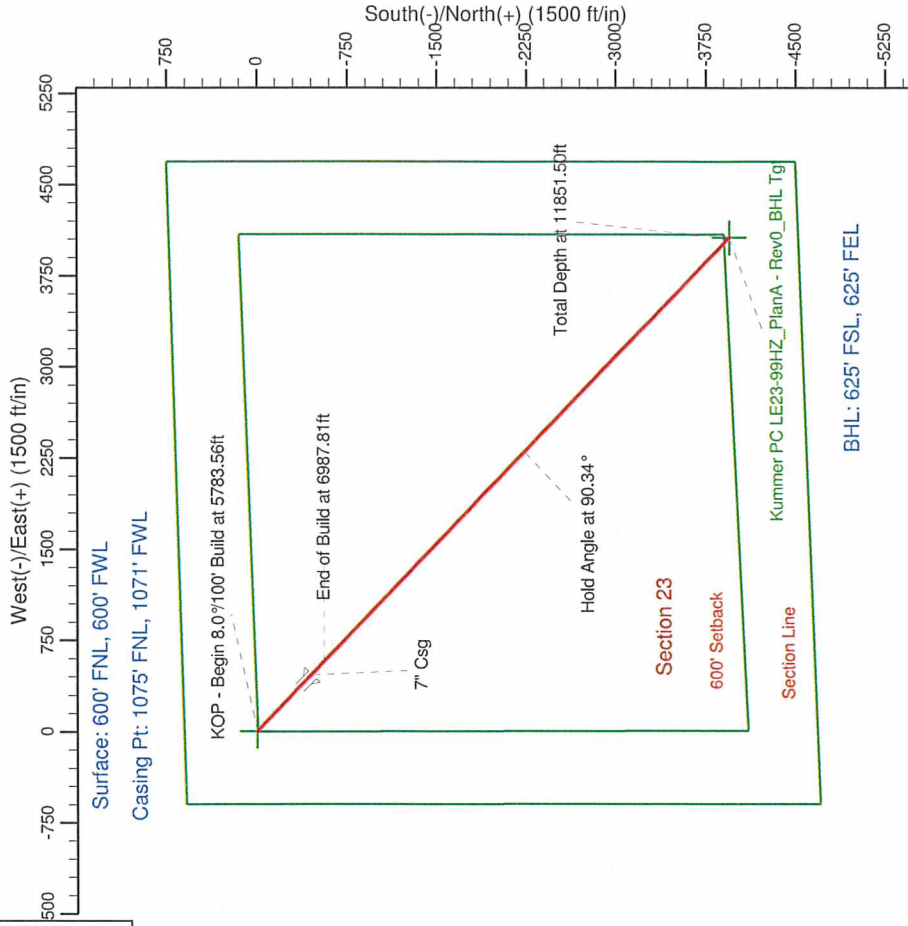
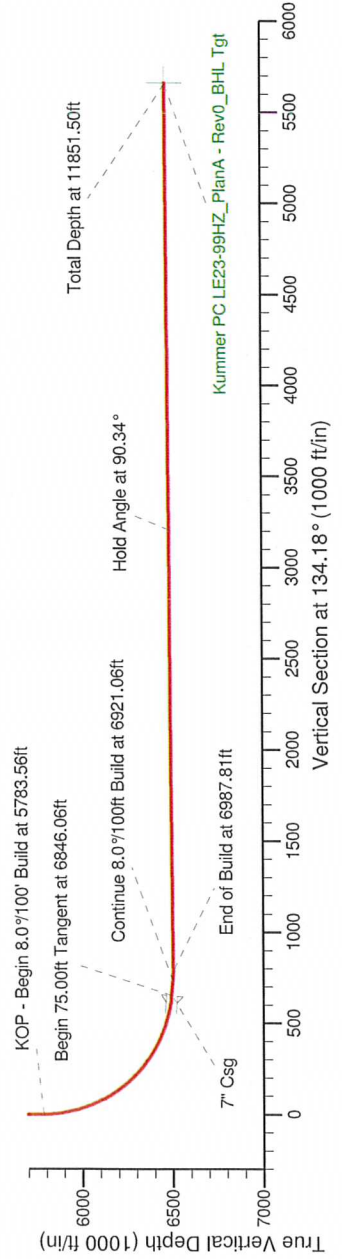
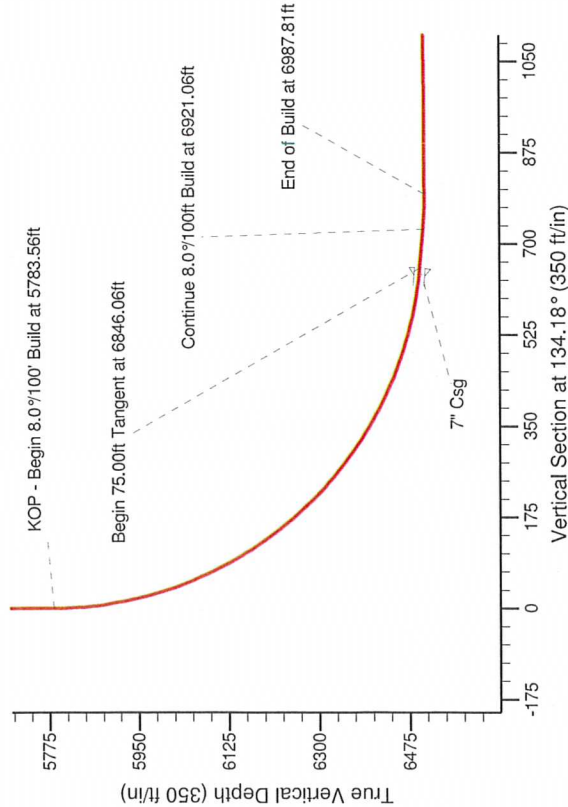
# Noble Energy



## 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	0.00
2	5783.56	0.00	0.00	5783.56	0.00	0.00	0.00	0.00	0.00	0.00
3	6846.06	85.00	134.18	6487.03	-455.63	468.86	8.00	134.18	653.78	653.78
4	6921.06	85.00	134.18	6503.57	-507.70	522.44	0.00	0.00	0.00	728.49
5	6987.81	90.34	134.18	6506.28	-554.16	570.25	8.00	0.00	795.16	795.16
6	11851.50	90.34	134.18	6477.42	-3943.68	4058.21	0.00	0.00	5658.77	5658.77

Kummer PC LE23-99HZ\_PlanA - Rev0\_BHL Tgt



BHL: 625' FSL, 625' FEL

WELL DETAILS: Kummer PC LE23-99HZ

Ground Level: 4992.00  
Northing Easting Latitude Longitude  
1483445.31 3386239.96 40° 39' 10.692 N 104° 10' 48.108 W

Plan: Plan A - Rev 0 (Kummer PC LE23-99HZ/Plan A (PERMITTING PLAN ONLY))

Created By: Jay Lantz Date: 12/10, November 17 2010

Checked: Date:

Reviewed: Date:

Approved: Date: