

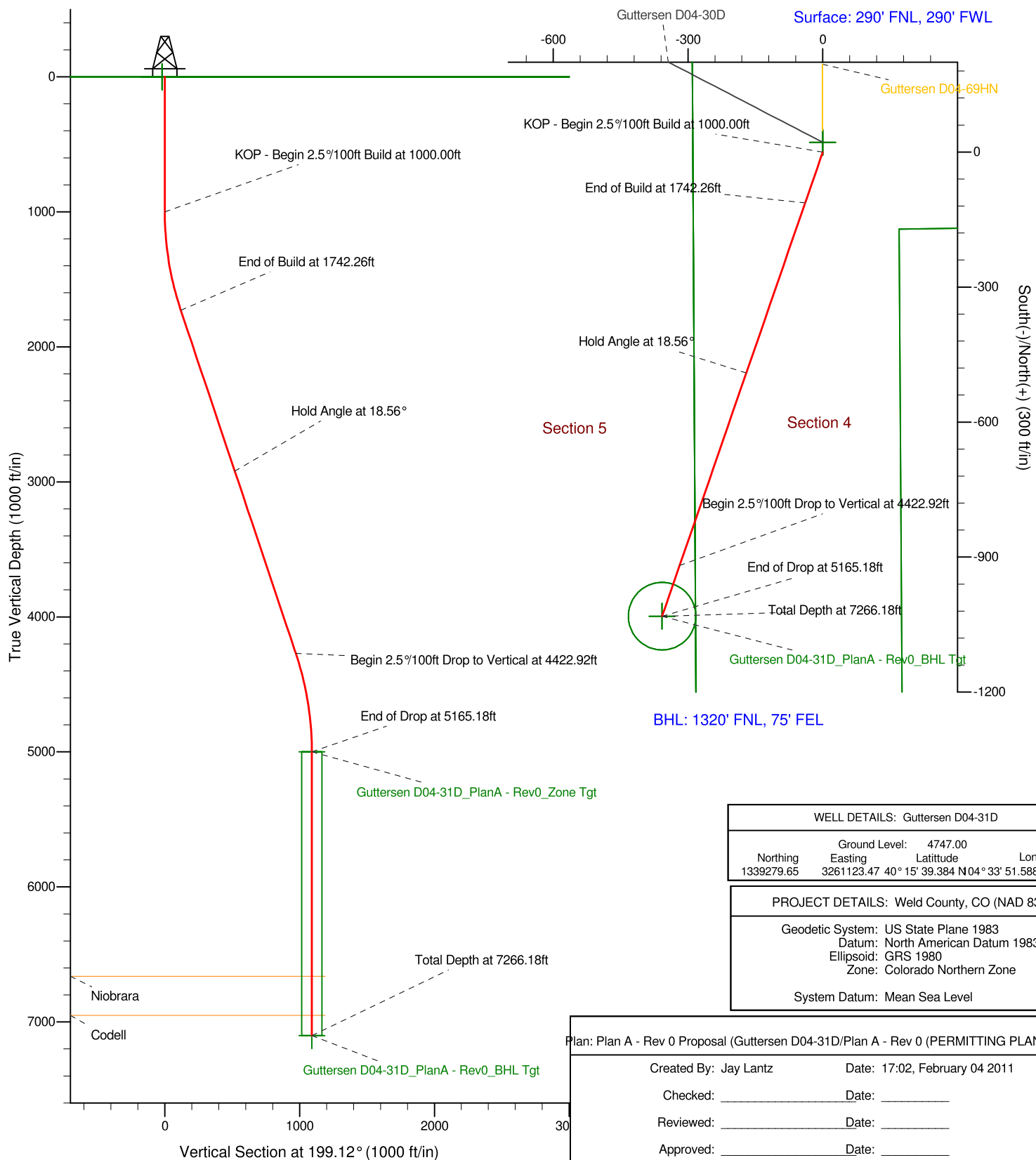
Project: Weld County, CO (NAD 83)
Site: Sec. 4-T3N-R64W (Guttersen 04 PAD)
Well: Guttersen D04-31D
Wellbore: Plan A - Rev 0 (PERMITTING PLAN ONLY)
Plan: Plan A - Rev 0 Proposal

Noble Energy

HALLIBURTON
Sperry Drilling

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	1000.00	0.00	0.00	1000.00	0.00	0.00	0.00	0.00	0.00	
3	1742.26	18.56	199.12	1729.35	-112.58	-39.04	2.50	199.12	119.15	
4	4422.92	18.56	199.12	4270.65	-918.59	-318.52	0.00	0.00	972.24	
5	5165.18	0.00	0.00	5000.00	-1031.16	-357.56	2.50	180.00	1091.39	Guttersen D04-31D_PlanA - Rev0_Zone Tgt
6	7266.18	0.00	0.00	7101.00	-1031.16	-357.56	0.00	0.00	1091.39	Guttersen D04-31D_PlanA - Rev0_BHL Tgt



WELL DETAILS: Guttersen D04-31D

Ground Level:	4747.00	
Northing	Easting	Latitude
1339279.65	3261123.47	40° 15' 39.384 N 04° 33' 51.588 W

PROJECT DETAILS: Weld County, CO (NAD 83)

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Northern Zone

System Datum: Mean Sea Level

Plan: Plan A - Rev 0 Proposal (Guttersen D04-31D/Plan A - Rev 0 (PERMITTING PLAN ONLY))

Created By: Jay Lantz Date: 17:02, February 04 2011

Checked: _____ Date: _____

Reviewed: _____ Date: _____

Approved: _____ Date: _____