

30-015-34272

Proposal

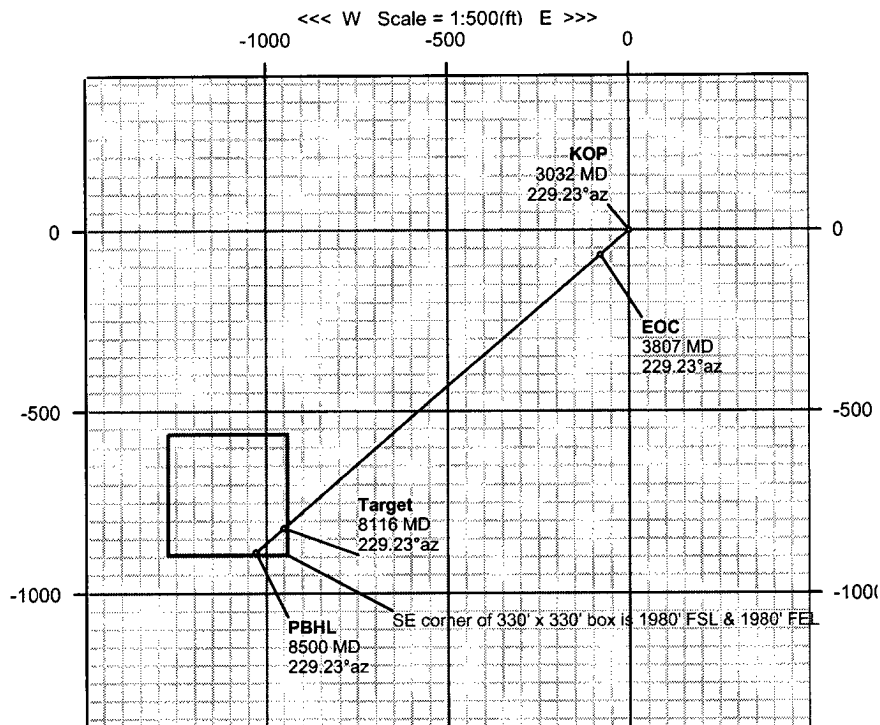
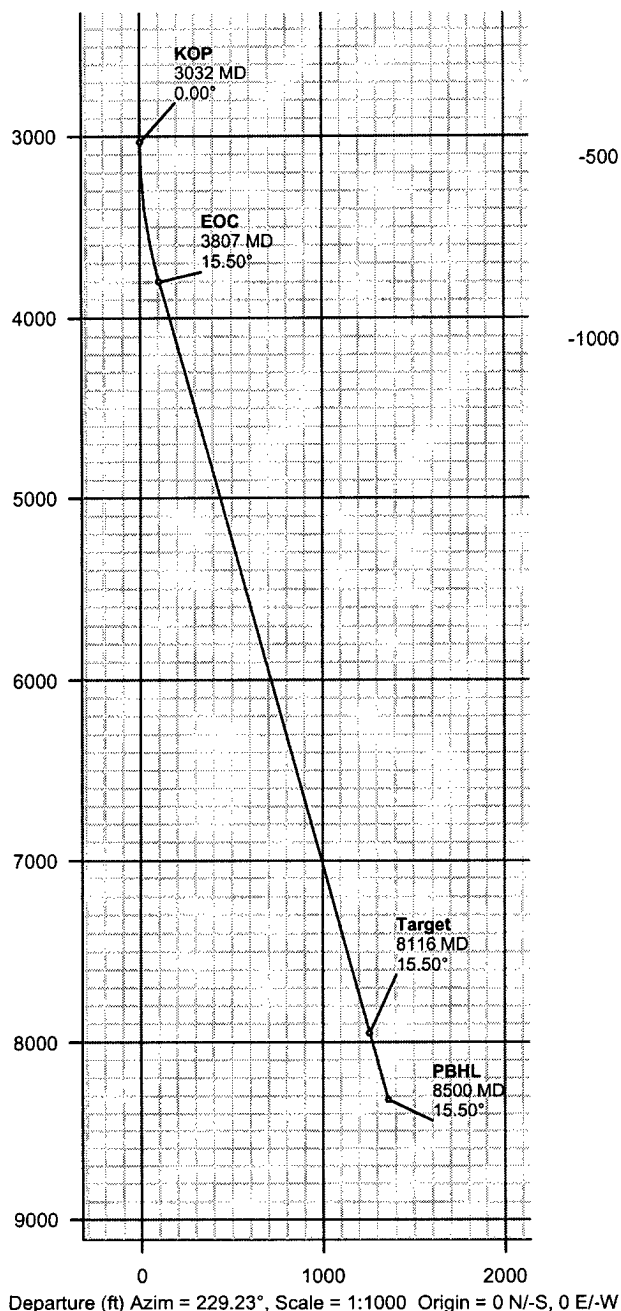


Report Date: August 23, 2005 Client: Nearburg Producing Company Field: Eddy County, NM Structure / Slot: US 13 Federal #3 / US 13 Federal #3 Well: US 13 Federal #3 Borehole: US 13 Federal #3 UWI/API#: Survey Name / Date: US 13 Fed #3_r1 / August 23, 2005 Tort / AHD / DDI / ERD ratio: 15.500° / 1358.29 ft / 4.333 / 0.163 Grid Coordinate System: NAD27 New Mexico State Planes, Eastern Zone, US Feet Location Lat/Long: N 32 23 29.558, W 104 26 46.644 Location Grid N/E Y/X: N 506176.800 ftUS, E 465133.600 ftUS Grid Convergence Angle: -0.06051125° Grid Scale Factor: 0.99991048	Survey / DLS Computation Method: Minimum Curvature / Lubinski Vertical Section Azimuth: 229.230° Vertical Section Origin: N 0.000 ft, E 0.000 ft TVD Reference Datum: RKB TVD Reference Elevation: 0.0 ft relative to Sea Bed / Ground Level Elevation: 0.000 ft relative to Magnetic Declination: 8.671° Total Field Strength: 49234.372 nT Magnetic Dip: 60.325° Declination Date: August 23, 2005 Magnetic Declination Model: IGRF 2005 North Reference: Grid North Total Corr Mag North -> Grid North: +8.732° Local Coordinates Referenced To: Well Head
---	---

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)	Tool Face (deg)
Tie-In	0.00	0.00	229.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-130.77M
KOP	3032.18	0.00	229.23	3032.18	0.00	0.00	0.00	0.00	0.00	0.00	-130.77M
	3100.00	1.36	229.23	3099.99	0.80	-0.52	-0.61	0.80	229.23	2.00	-130.77M
	3200.00	3.36	229.23	3199.90	4.91	-3.21	-3.72	4.91	229.23	2.00	-130.77M
	3300.00	5.36	229.23	3299.61	12.51	-8.17	-9.47	12.51	229.23	2.00	0.00G
	3400.00	7.36	229.23	3398.99	23.58	-15.40	-17.86	23.58	229.23	2.00	0.00G
	3500.00	9.36	229.23	3497.92	38.11	-24.89	-28.86	38.11	229.23	2.00	0.00G
	3600.00	11.36	229.23	3596.29	56.09	-36.63	-42.48	56.09	229.23	2.00	0.00G
	3700.00	13.36	229.23	3693.97	77.49	-50.60	-58.68	77.49	229.23	2.00	0.00G
	3800.00	15.36	229.23	3790.84	102.28	-66.79	-77.46	102.28	229.23	2.00	0.00G
EOC	3807.18	15.50	229.23	3797.77	104.19	-68.04	-78.91	104.19	229.23	2.00	0.00G
Target	8116.13	15.50	229.23	7950.00	1255.71	-820.00	-951.00	1255.71	229.23	0.00	0.00G
PBHL	8500.00	15.50	229.23	8319.91	1358.29	-886.99	-1028.69	1358.29	229.23	0.00	0.00G

Nearburg Producing Company

WELL	US 13 Federal #3	FIELD	Eddy County, NM	STRUCTURE	US 13 Federal #3
Magnetic Parameters		Surface Location		Miscellaneous	
Model: IGRF 2005	Dip: 60.325° Mag Dec: +8.671°	Date: August 23, 2005 FS: 49234.4 nT	NAD27 New Mexico State Planes, Eastern Zone, US Feet Lat: N32 23 29.558 Lon: W104 26 46.644	Northing: 506176.80 RUS Easting: 456133.60 RUS Grid Conv: -0.0005122° Scale Fact: 0.9999104832	Sit: US 13 Federal #3 Plan: US 13 Fed #3_r1 TVD Ref: RKB (0.00 ft above) Srvy Date: Tue 09:52 AM August 23, 2005



INTREPID
Directional Drilling Specialists

