

**NMOCD
FORM C-101
SECTION 22**

Marathon Oil Company respectfully proposes to deepen the Lou Worthan Well No. 5 to the Blinebry formation. The existing open hole Paddock completion (5087' to 5165') will be cased off after drilling to a proposed TD of 5950'. Listed below is a summary of the proposed work. This project is expected to be commenced on or before November 1, 1995.

1. MIRU PU. NU 7 1/16" 3M hydraulic BOPE with pipe rams and annular BOPE.
2. POOH with 2 3/8" tubing. Test BOPE to 1500 psia. RIH w/ bit, collars on 2 7/8" workstring to CIBP at 5030'. Drill out plug and tag TD at 5165'.
3. Deepen well to 5950' using fresh water gel. Underream openhole section. Circulate hole clean.
4. RU electric line company and run a GR-CNL-LDT across openhole section. RD electric line company.
5. RIH and set 4" flush joint from 4965' to 5950'. Cement liner w/200 sxs. WOC.
6. RIH and dress off top of liner. POOH. RIH and pressure test liner top. Swab test liner top.
7. RU perforators and perforate Blinebry 2 JSPF, 120 degree phasing at +/- 5332' to 5788' (OA).
8. Acidize Blinebry perms w/ 6800 gals of 15% NEFE acid using ball sealers for divert.
9. Sand Frac Blinebry w/ a total of 104,000 gals of 65 Quality foam carrying 200,000 lbs of 16/30 Brady sand.
10. Flow well back until well cleans up or dies. Check for sand fill.
11. Evaluate for artificial lift if necessary.