Carlsbad. New Mexico

FORM APPROVED Form 3160-5 UNITED STATES Budget Bureau No. 1004-0135 (June 1990) DEPARTMENT OF THE INTERIOR Expires: March 31, 1993 **BUREAU OF LAND MANAGEMENT** 5. Lease Designation and Serial No. NM 43556 SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals N/A 7. If Unit or CA, Agreement Designation THE CEIBLE SUBMIT IN TRIPLICATE 1. Type of Well MAY 1 4 1991 X Oil Well Gas Well 8. Well Name and No. Other 2. Name of Operator O. C. D. Unocal AHU Federal #1 YATES PETROLEUM CORPORATION ARTESIA, OFFICE 9. API Well No. 3. Address and Telephone No. 30-015-26698 105 South 4th St., Artesia, NM 88210 (505) 748-1471 10. Fjeld and Pool, or Exploratory Arca Undes. 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Livingston Ridge Delaware
II. County or Parish, State 660' FNL & 1980' FEL, Sec. 1-T22S-R31E Eddy, NM CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Abandonment Change of Plans Recompletion New Construction Subsequent Report Plugging Back Non-Routine Fracturing Casing Repair Water Shut-Off Final Abandonment Notice Altering Casing Conversion to Injection $|X|_{Other}$ Production Casing, Dispose Water (Note: Report results of multiple completion on Well Perforate, Treat Completion or Recompletion Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* TD 8500'. Reached TD 4-22-91. Ran 197 joints 5-1/2" casing as follows: 40 jts 17# J-55 LT&C, 134 jts 15.5# J-55 LT&C, 23 jts 17# J-55 LT&C, casing set 8500'. Cemented stage I -315 sx "H" w/5#/sx CSE, 10#/sx Gilsonite, .7% CF-14 (yield 1.46, wt 14.5). PD 1:43 PM 4-23-91. Circulated thru DV tool 3 hrs. Stage II - 415 sx Super "H" w/5#/sx CSE, 10#/sx Gilsonite, .7% CF-14 (yield 1.46, wt 14.5). Tail in w/510 sx "H" w/5#/sx CSE, 10#/sx Gislonte, .7% CF-14 (yield 1.46, wt 14.5). PD 5:35 PM 4-23-91. Circulated 54 sx on bottoms up after opening DV tool. Bumped plug to 3500 psi for 15 minutes, OK. WOC 24 hrs. 4-26-91. Drill out 3' of cement and DV tool @ 7445'. Perforated 8353-8359' w/8 - .42" holes as follows: 8353, 54, 55 and 8359' (2 SPF). Acidized perfs 8353-59' w/1000 gals $7\frac{1}{2}\%$ NEFE acid. 5-1-91. Perforated 7069-7149' w/22 - .42" holes as follows: 7069, 76, 79, 85, 89, 92, 98, 7129, 34, 45 and 7149' (2 SPF). Acidized perfs 7069-98' w/2000 gals 7½% NEFE acid. Perfs communicated with upper set. Acidized perfs 7069-7149' w/1000 gals 7½% NEFE acid. Frac'd perfs 7069-7149' (via 2-7/8" tubing) with 15000 gals X-link gel and 41000# 20/40 sand. 14. I hereby certify that the foregoing is true and correct Production Supervisor Lodlett Date _5-2-91 (This space for Federal or State office use) **ACCEPTED FOR REC**ORD Approved by Title Conditions of approval, if any: 3 199 Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United S false, fictitions or fraudulent s

*See Instruction on Reverse Side

or representations as to any matter within its jurisdiction