N.M. Oil Cons. Division

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811 S. 1st Street Artesia, NM 88210-2834 UNITED STATES DEPARTMENT OF THE INTERIOR (JUNE 1990 BUREAU OF LAND MANAGEMENT 5. Lease Designation and Serial No LC-060529 SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. 8. If Indian, Allottee or Tribe Name Use "APPLICATION FOR PERMIT -- for such proposals 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE 1. Type of Vial :tor AROC (Texas) Inc. 8. Well Name and No 2. Name of 4200 E Skelly Drive, Suite 1000 Beeson "F" Federal No. 8 918-491-1100 Tulsa, OK 74135 9. Well API No. 3. Address a 30-015-04380 10. Field and Pool, or Exploratory Area Loco Hills QN-GB-SA 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State 330' FSL & 1650' FEL, Unit O Eddy County, New Mexico Section 29, T17S, R30E CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF ACTION TYPE OF SUBMISSION Change of Plans Notice of Intent New Construction Plugging Back Subsequent Report Casing Repair Conversion to Injection Final Abandonment Notice Other 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 zone.)* 08/21/00 RIH w/6 1/4" mill tooth bit, 6 - 4 3/4" DC's, 2 7/8" tbg & tagged fill @ 3050'. 08/22/00 Drilled scale, sand & parraffin from 3050' to 3099'. Drilled new formation from 3099' to 3108'. Circulated well clean. 08/23 thru 08/29/00 Drilled new formation from 3108' to 3375' (TD). Circulated well clean. POH laying down 2 7/8" tbg & DC's in singles. 08/30/00 RIH w/4 1/2" shoe, shoe joint, float collar & 77 jts 4 1/2" 10.5 # casing. Set shoe @ 3372. Cemented w/310sx Halliburton Lite w/1/4# FloCele, 250sx C w/2# Calcium Chloride. Circulated 81sx to pit. 08/31/00 RU Black Warrior Wireline. Ran Gamma Ray CCL Compensated Neutron Log & Cement Bond Log. RU reverse unit. RIH w/3 7/8" mill tooth bit, 4 - 3 1/2" DC's, 2 3/8" tbg & tagged @ 3336'. Drilled float collar & shoe joint to 3372'. 09/01/00 Ran Gamma Ray, Compensated Neutron Log from 3336' to TD. Perforated 2829, 47', 58', 59', 2927', 37', 71', 88', 89', 3000', 12', 17', 75', 95', 97', 99', 3101', 39', 60', 86', 89', 3221', 89', 322<u>1', 89', 95', 3354', 56', 58', 60</u> ACCEPITED FEDER RECORD (28 holes - Grayburg & San Andres) 14. I hereby certify that the Date 09/08/00 Signed Thailia Marshall (THIS SPACE FOR FEDERAL OR STATE OFFICE USE)

Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as as to any matter within its jurisdiction.

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Approved By

- 09/01/00 RIH w/4 1/2" 10.5# tension pkr, 2 3/8" tbg & spotted 5 bbls acid @ 3362'. Acidized perfs 2829' to 3360' w/2500 gals 15% NEFE acid w/70 ball sealers.
- 09/05/00 RIH w/4 1/2" 10.5# plastic coated AD-1 tension pkr, 88jts new 2 3/8" coated (TK-70) injection tbg. Circulated pkr fluid down the annulus. Set pkr @ 2778'. Tested annulus to 340 psi, held for 30 mins. Okay. Chart Attached

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