N. F. Signal of the signal of the HOBBS, MEN WES DESCRIPTION

Form 3160-5 (December 1989) يومه مدر . 19 مر سو بر يعا مهر السو بر

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135 Expires: September 30, 1990

5. Lease Designation and Serial No. LC-032233-A

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

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

| SUBMIT IN TRIPLICATE | 7. If Unit or CA, Agreement Designation |
|---|---|
| Type of Well Other Name of Operator EXXON CORPORATION ATTN: REGULATORY AFFAIRS | 8. Well Name and No. BOWERS A FEDERAL 29 9. API Well No. 3002523131 |
| P. O. BOX 1600 MIDLAND, TX 79702 (915) 688-7871 | 10. Field and Pool, or Exploratory Area HOBBS-UPPER BLINEBRY |
| NW SW SEC. 29, T19S, R38E | 11. County or Parish, State LEA NM |

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF ACTION TYPE OF SUBMISSION Change of Plans Abandonment Notice of Intent New Construction Recompletion Non-Routine Fracturing Plugging Back Subsequent Report Water Shut-Off Casing Repair Conversion to Injection Altering Casing Final Abandonment Notice NTL-2B PERMIT (UPDATED) X Other (Note: Report results of multiple completion on Well 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.)*

PRODUCED WATER COMES FROM THE BLINEBRY FORMATION WITH A VOLUME OF APPROX 150 BWPD WHICH GOES FROM OUR HEATER TREATER BY PIPELINE TO RICE ENGINEERING GATHERING SYSTEM AND TRANSPORTED BY PIPELINE TO EITHER OF TWO DISPOSAL WELLS. THERE IS NO ON LEASE WATER STORAGE. THE TWO DISPOSAL WELLS ARE:

1) RICE ENGINEERING - HOBBS SWD #P16, SESE SEC. 16, T19S, R38E, NMOCD DISPOSAL PERMIT #R-5384.

2) RICE ENGINEERING - HOBBS SWD #E15, NESW SEC. 15, T19S, R38E, NMOCD

DISPOSAL PERMIT #R-1004.

COPY OF WATER ANLAYSIS FOR THE BLINEBRY FORMATION IS ATTACHED. THIS INFORMATION IS SUBMITTED IN REFERENCE TO YOUR LETTER DATED APRIL 29, 1993, SUBMITTED BY VICENTE BALDERAZ.

SEE ATTACHED FOR CONDITIONS OF APPROVAL

| 14. I hereby certify that the foregoing is true and correct | MARSHA WILSON Title STAFF OFFICE ASSISTANT | Date | 7/27/93 |
|--|--|------|--------------|
| (This space for Federal State officeruse) Approved by Conditions of company if any | | Date | AUG 3 1 1993 |
| Approved by Conditions of approval, if any: | Title | | |

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 States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Laboratory Services

1331 Tasker Drive Hobbs, New Mexico 88240 (505) 397-3713

WATER ANALYSIS

| COMPANY | Exan Compa | Jimmy | McBee | | |
|----------------------------|----------------|-----------|---------|----------|-----|
| SAMPLE | Bowers "A" Fe | | | | |
| SAMPLED BY | Execon | · · · · · | | | . 2 |
| PASS 71/FV | 5/13/93 | | | | |
| DATE TAKEN REMARKS | 3 10/30 | | | | |
| REVARIO | | | | | |
| Barium as Ba | | 20 | | | |
| Carbonate alkalinity PPM | | 0 | | | |
| Bicarbonate alkilinity PPM | . 91 | 6 | | | |
| oH At Lab | | .71 | | <u>-</u> | |
| Specific Gravity @ 60 F | 1.0 | 40 | | | |
| Magnesium as Mg | 4.4 | 166 | | - | |
| Total Hardness as CaCO3 | 7.7 | 700 | | | |
| Clorides as CL | 33.9 | 535 | | | |
| Sulfate as \$04 | 4. | 500 | | | |
| Iron as Fe | | 6.6 | | | |
| Potassium | 12. | 125 | | | |
| Hydrogen Sulfide | - 3 | 34 | | | |
| Resistivity OHMS | | 18 | 0 | 24.3 G | |
| Total Disolved Solids | 50, | 500 | | | |
| Carbonate as CO3 G/L | | 6.21 | | | |
| Calcium as CA | | ,234 | | | |
| Nitrate | | 198_ | | | |
| Results reported as Parts | Per Million II | | stated. | | |

Langelier Saturation Index +1.08

| Analysis By: Vickie Walke | |
|---------------------------|--|
| Date: 5/13/93 | |