M.M. OIL CONS. COMMODIUM

P.O. BOX 1980 JOBBS, NEW MEXICO 88240

Form 3160-5

UNITED STATES

| Expires: March 31, 1993 | |
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| ease Designation and Serial No. LC030174A | |
| lf Indian, Alottee or Tribe Name | |
| f Unit or CA, Agreement Designation | |
| Well Name and Number W H RHODES A FEDERAL | |
| 3 | |
| API Well No. 30 025 12035 | |
| 10. Field and Pool, Exploaratory Area RHODES YATES SEVEN RIVERS | |
| County or Parish, State LEA , NEW MEXICO | |
| rt, or Other Data | |
| OF ACTION | |
| Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection | |
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- 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,)*.
 - 1). Change out wellhead. Run injection line.
 - 2). MIRU PU. Release pkr. Install BOP. POH w/tbg and pkr.
 - 3). RIH w/4 3/4" bit on ws and clean out to 3138'. TOH w/bit and ws.
 - 4). Perf 5 1/2" csg w/4 JSPF from 3104'-3110'. By wireline, set CIBP
 - 5). RIH w/5 1/2" pkr on 3 1/2" 9.3# N-80 tbg. Test tbg to 6,000#. Set pkr @ 3080'. Load backside and hold 1000#.
 - 6). Mini frac from 3103'-3120' w/150 Bbls 30# Spectra Frac G @ 35 BPM.
 - 7). Fracture perfs from 3103'-3120' w/13,800 gals XL GEL & 66,000# 16/30 sand
 - 8). Release pkr and POH w/tbg. RIH w/4 3/4" bit and drill CIBP. Clean out to 3300'. TOH w/bit and ws.
 - 9). TIH w/2 3/8" injection tbg and Baker lock-set pkr. Set pkr 2 3010'. Load backside w/pkr fluid. Pressure test (Notify OCD & BLM for witness). Put on injection (Max pressure 600 psi).

SUBJECT TO LIKE APPROVAL BY STATE

| 14.1 hereby certify that the foregoing is true and correct SIGNATURE Le Grage D | TITLE | Prod. Engineer | DATE | 5/4/94 |
|---|--------|--------------------|---------|--------|
| TYPE OR PRINT NAME Darlere D. de A | Aragao | | | |
| (This space for Federal or State office use) APPROVED BY Orig. Signed by Shannon J. Shaw | TITLE | Petroleum Engineer | DATE 5/ | /13/94 |
| CONDITIONS OF APPROVAL, IF ANY: | | | | |

