

UNITED STATES
DEPARTMENT OF THE INTERIORSUBMIT IN TRIPLICATE
(Other instructions
verse side)Form approved.
Budget Bureau No. 42-R1424.

GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.

Jack A. Federal
Mat 2012

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to start or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER ☒ Convert to Dual Injection Well	7. UNIT AGREEMENT NAME Cooper Jal Unit
2. NAME OF OPERATOR Reserve Oil and Gas Company	8. FARM OR LEASE NAME Cooper Jal Unit
3. ADDRESS OF OPERATOR 301 First Savings Building, Midland, Texas 79701	9. WELL NO. 116
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FSL & 660' FWL Sec. 18-24S-37E, Lea County, New Mexico	10. FIELD AND POOL, OR WILDCAT Jalmat & Langlie Mattix
14. PERMIT NO.	11. SEC., T., R., M., OR BEK. AND SURVEY OR AREA 18-24S-37E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3317	12. COUNTY OR PARISH Lea
	13. STATE New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐**Convert to dual injection well x**

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. 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.)*

Water injection into the Jalmat and Langlie Mattix zones of this well was authorized by NMOCC Order Nos. R-4019 and R-4020.

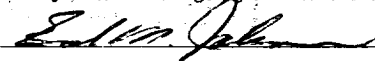
To convert this well to a dual injection well, the following operations were performed:

- 1. Cleaned out from 3600' to 3641' with 6½" bit.**
- 2. Ran GR/N log. Perforated Jalmat zone 2980-88', 2996-3002', 3024-42', 3052-58', 3067-77', 3081-86', 3103-10', 3114-20', 3125-40', 3187-91', 3197-3208'. Perforated Langlie Mattix zone 3376-78', 3384-86', 3392-96'.**
- 3. Treated perfs with 5126 gals. 20% acid in two stages with balls in each stage after blocking off open hole with salt plug.**
- 4. Ran injection 2-3/8" tubing string as follows: 1 joint internal and external coated tubing and ball plug, Baker flow regulator, Baker Loc-set packer, 9 joints internal and external coated tubing, Baker flow regulator, Baker tandem tension packer, and 95 joints internal coated tubing. Loc-set packer set at 3224' and tandem tension packer set at 2933' with 15,000# tension.**

(Over)

18. I hereby certify that the foregoing is true and correct

SIGNED



TITLE

District Manager

DATE

October 18, 1971

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or Regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well was conditioned for final inspection looking to approval of the abandonment.

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5. Placed inhibited fresh water above tandem tension packer in casing annulus.
6. Shut well in awaiting completion of water injection facilities.

Above work completed September 23, 1971.

RECEIVED

SEP 23 1971

U.S. CONSERVATION COMM.
WASH. D. C.