

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions
reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Jack Federal
NM 12612

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 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. 207
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2310 FNL & 330' FWL Sec. 19-24S-37E, Lea County, New Mexico	10. FIELD AND POOL, OR WILDCAT Langlie Mattix and Jalmat
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3298 GL
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 19-24S-37E
	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) **Convert to dual injection well** ☒REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(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 SWCCC Order Nos. R-4019 and R-4020.

To convert this well to a dual water injection well, the following operations have been performed:

1. Deepened well from 3167' to 3572' with 6" bit.
2. Lost one joint 2-7/8" tubing and 364' of 3 1/2" drill collars in hole. Top of fish at 3173'. Efforts to recover fish unsuccessful.
3. Set cement plug 3173' to 3100', set whipstock in an indeterminate direction at 3100'. Drilled to 3485'.
4. Ran 569' of 4 1/2" OD, 9.5# casing. Set liner at 3485', top of liner at 2916'. Cemented liner with 280 sacks cement. Circulated approximately 100 sacks cement off top of liner. W.O.C.
5. Tested liner at 1500 psi for 45 minutes. No pressure decrease.
6. Drilled out beneath 4 1/2" liner to total depth of 3576' with 3-7/8" bit.
7. Ran GR/N Acoustilog.

(Continued on back)

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

SIGNED

TITLE **District Manager**DATE **October 16, 1971**

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

ILLEGIBLE

*See Instructions on Reverse Side

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 site conditioned for final inspection looking to approval of the abandonment.

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8. Perforate Jalmat zone 3006-14', 3046-55', 3094-3108', 3121-30', 3138-43', 3160-65', 3172-78', 3208-16', 3224-30', 3274-80'. Perforate Langlie Mattix zone 3408-14', 3417-22', 3426-34', 3454-68'.
9. Treat open hole section 3485-3575' with 24 bbls. 20% acid. Set bridge plug at 3460' and treat perforations with 113 barrels 20% acid in two stages with balls in each stage. Pulled bridge plug.
10. Ran dual water injection tubing string as follows:
Bull plug, one joint 2-3/8" internal and external coated tubing, Baker flow regulator, one joint 2-3/8" internal and external coated tubing, Baker Loc-set packer, 11 joints internal and external coated tubing, Baker flow regulator, one joint internal and external coated tubing, Baker tandem tension packer, 95 joints internal coated tubing. Packer set with 16,000# tension. Lower packer at 3324'. Upper packer at 2938'.
11. Placed inhibited fresh water above upper packer in casing annulus.
12. Shut well in awaiting completion of injection facilities.

Above work completed October 8, 1971.

RECEIVED

10 8 1971

OIL CONSERVATION LEAD
NOV 11 1971