

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

5. LEASE DESIGNATION AND SERIAL NO.

SP-077382

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

R. P. Mergrove "L"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC. T., R., M., OR BLK. AND

SURVEY OR AREA

34/4 34/4 Section 4,

T-27-N, R-10-W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6005' (ADB)

12. COUNTY OR PARISH

San Juan

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

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☐

PULL OR ALTER CASING

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☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

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☐
☐
☐

REPAIRING WELL

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☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

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.)*

Referring to our Form 9-331 of 1-31-66 and the subject R. P. Mergrove "L" No. 1 casing to produce, a workover rig was moved in 1-29-66, rigged up 1-30-66, tubing was pulled and a cast iron bridge plug set at 6280'. Ran casing inspection log and found corrosion 3150-4150 and severe corrosion 3674-3843 with holes indicated 3705, 3726, 3737, 3742, 3760, 3803, 3770 & 3814. Ran tubing and full bore packer and located holes 3674-3843 and pumped 4 barrels per minute with 800 psi. Tested casing above 3674 and below 3843 with 1000 psi OK. Pulled tubing and packer. Ran tubing and cast iron retainer and set at 3210. Pressured annulus with 1000 psi and squeezed with 250 sacks "C" cement with pressure were and 700 psi when tubing and retainer cleared. Staged 3 barrels cement at 10 to 15 minute intervals at 1/2 barrel per stage and final pressure 1200 psi. Held 1000 psi. Pulled tubing. Waited on cement to set 18 hours. Drilled retainer at 3210. Tagged cement 3396. Waited on cement 24 hours. Drilled cement to 3770 and came out of cement. Ran tubing to 4085. Tested 4-1/2" casing with 1000 psi and 15 minutes OK. Tripped tubing for new bit and ran tubing and bit and tagged bridge plug at 6280. Displaced hole with water containing 1% potassium chloride and drilled bridge plug. Ran tubing and bit to 6537 and circulated casing clean. Pulled tubing and bit and laid down 2-3/8" tubing. Ran 2-7/8" tubing and set Model "T" packer at 6227 with tail pipe at 6238 and upper seals in packer. Tested backside at 1000 psi. Pumped into formation 4 barrels per minute at 1500 psi. Pulled lower seals in packer. Broke circulation and cemented with 275 sacks Type "C" with 4% Gel and 3/4% CFB-2. Overdisplaced 2 barrels. Circulated 12 barrels cement. Lowered tubing and engaged upper seals in packer. (See reverse side)

18. I hereby certify that this is a true and correct

SIGNED

G. W. Eaton, Jr.

G. W. Eaton, Jr.

TITLE

Area Engineer

DATE

February 22, 1966

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

*See Instructions on Reverse Side

RECEIVED

FEB 24 1966

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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.

Pumped 10 barrels water into formation at 4 barrels per minute with 1500 psi. Waited on cement to set 12 hours. Buried 16 hours and well flowed off. Released without rig 2-4-66. Alternately blew and shut in to clean up well, testing 1500 psi to atmosphere. Reconnected to pipeline with production at 760 MCFD with flowing tubing pressure of 690 psi on 2-21-66.