

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPLICATE*
(Other instructions reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM-0309375

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

-

7. UNIT AGREEMENT NAME

-

8. FARM OR LEASE NAME

Middleton Federal A

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Lusk Strawn

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

Sec. 31, T-19-S, R-32-E, NMPM

12. COUNTY OR PARISH 13. STATE

Lea New Mexico

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Shell Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 1858, Roswell, New Mexico 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

660' FNL & 660' FEL (NE/4 NE/4) Section 31, T-19-S, R-32-E, NMPM Survey, Lea County, New Mexico.

14. PERMIT NO.

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

3557' DF

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*

(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.)

May 25, 1964 thru May 27, 1964:

Ran 3647' of 8 5/8" (32#, J-55) casing and cemented at 3706' with 400 sx Class "C" + 2% CaCl₂. Plug down at 9:30 PM, MST, 5-5-64. After WOC 27 hours, tested with 2000 psi for 30 minutes, no pressure drop.

May 31, 1964:

Ran cement bond log. Top cement 3370'.

June 2, 1964:

Injected 1000 sx Incor + 8% gel + 2% CaCl₂ down 13 3/8" - 8 5/8" casing annulus at 3 B/M with 500 psi. Pressure after 15 minutes and until end of job 700-900 psi. Finished injecting at 9:46 PM, MST, 6-2-64. ISDP 600 psi. 5 Min. SIP 500 psi. Left shut in with 500 psi pressure. Ran temperature survey indicated cement 0-3370'.

18. I hereby certify that the Original Signed By and correct

R. J. Doubek

Division

Mechanical Engineer

DATE **June 17, 1964**

SIGNED

R. J. Doubek

TITLE

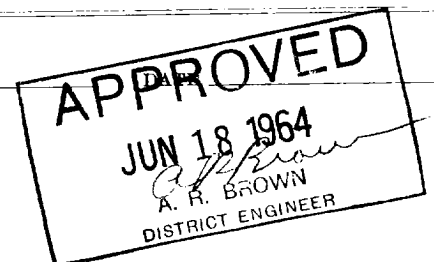
(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

*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.