

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

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. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. 1-89- IND- 56
2. NAME OF OPERATOR Continental Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Box 3312, Durango, Colorado		7. UNIT AGREEMENT NAME Rattlesnake
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FSL, 660' FEL, Section 2		8. FARM OR LEASE NAME Rattlesnake
14. PERMIT NO.		9. WELL NO. 139
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5269' GR - 5281' RB		10. FIELD AND POOL, OR WILDCAT Rattlesnake-Gov't
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 2, T29N, R19W, NMPM
		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 ☐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 ☐

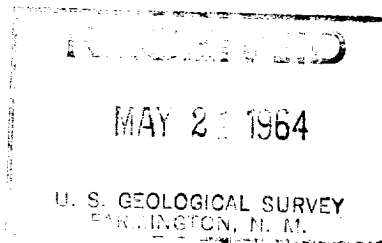
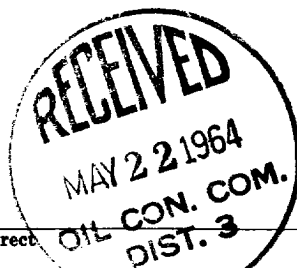
(Other)

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.)*

It is proposed to plug and abandon the Pennsylvanian "CD" oil zone in Rattlesnake Gov't Well No. 139. The feasibility of whipstecking the hole above the collapsed 9 5/8" casing (4305') was investigated. The investment could not be justified based on the accelerated recovery of the reserves. The reservoir performance since shutting in the well shows existing wells will ultimately produce the reserves underlying Well No. 139 and no loss in ultimate recovery will occur. Abandonment will be accomplished by cement squeezing the Pennsylvanian "CD" zone and allowing cement to fill up around the 2 7/8" and 1 1/4" fish. A cement plug will be set across the collapsed casing. A cement plug will also be spotted at 1,000 feet immediately beneath the Dakota formation. A letter from the U. S. Bureau of Mines giving Continental permission to plug and abandon the Pennsylvanian "CD" zone is attached. No casing will be pulled. The well will be capped pending recompletion in the Dakota formation.



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

Original Signed By

SIGNED

F. E. ELLIS

TITLE

Assistant District Manager

DATE

5-19-64

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

USGS (4) NMOCC (2) Bu/Mines JRM DRB HDH

*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.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

RECEIVED	
MAY 11 1964	

May 5, 1964

Mr. F. E. Ellis
Assistant District Manager
Durango District
Production Department
Continental Oil Company
P. O. Box 3312
Durango, Colorado

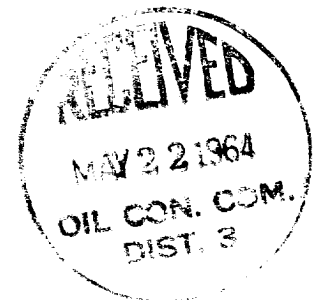
Dear Mr. Ellis:

Your letter of April 20, 1964, to the Bureau of Mines, Amarillo, Texas, (Attention: Mr. Paul Mullins) states that Continental Oil Company wishes to plug and abandon Rattlesnake-Government Well No. 139, insofar as formations below the base of the Dakota formation are concerned. The well is located in Section 2, Township 29 North, Range 19 West, San Juan County, New Mexico, on Navajo Tribal Lease 1-89 Ind-56.

As you know, pursuant to the provisions of Contract No. Im-1665-B, dated September 15, 1946, between the United States, Continental Oil Company, and the Santa Fe Corporation, the United States (through the Bureau of Mines) has the option to purchase the well if the companies decide to abandon it.

Your letter states that the decision to abandon Well No. 139 is based on the fact that the 7-inch casing is collapsed at 4,305 feet, or more than 2,000 feet above the producing horizon. Attempts to repair the well have been unsuccessful, and further attempts to restore production appear economically unjustifiable. It is believed that abandonment of the well will not result in any ultimate loss of oil, nor in any damage to the reservoir or producing formations.

Accordingly, the Bureau of Mines does not desire to exercise the option to purchase the Rattlesnake Well No. 139, and offers no objection to your plan to plug and abandon the well with respect to formations below the base of the Dakota formation. It is assumed that you will obtain appropriate approval of your abandonment plans from the U. S. Geological Survey and the New Mexico Oil Conservation Commission.



Copies of this letter are being furnished the Geological Survey
for their information and records.

Sincerely yours,

Director