

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

GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS

(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 ☒ Water Supply Well		RECEIVED SEP 24 1965 OFFICE OF THE DISTRICT MANAGER DIST. 3	5. LEASE DESIGNATION AND SERIAL NO. 1-89-IND-36
2. NAME OF OPERATOR Continental Oil Company			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Box 1621, Durango, Colorado			7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FSL, 1980' FWL - SW/4			8. FARM OR LEASE NAME Rattlesnake
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5285' GR 5297' RB	9. WELL NO. 145
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		12. COUNTY OR PARISH San Juan	13. STATE New Mexico

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) ☒ **sub. rpt. of comp. to fresh water supply**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.)*

9 5/8" casing from surface to 4535' RB; 7" liner set from 4284 to 6598' RB. PSID 4370' RB. Organ Rock Perforations 4320-4310' RB, 4207-4191' RB; Model "D" Production Retainer @ 4011' RB.

The following supplemental report is submitted as discussed by phone, September 8, 1963, between R. K. O'Neil and Mr. P. T. McGrath.

Rattlesnake Well No. 145 was converted to a salt water disposal well in the Organ Rock Formation in December, 1962. Salt water injection into this well ceased on October 24, 1964 when the Rattlesnake-Penn. "CD" Pressure Maintenance Project was initiated with the produced salt water and supplemental fresh water being injected into Well No. 140.

As the existing source of fresh water, Well No. 100 - DeChelly Formation, was insufficient to meet the field demand when the Rattlesnake-Dakota Waterflood was initiated, the following work on Well No. 145 was performed to obtain a supplementary fresh water source:

- (a) Ran 2 7/8" O.D. EUE tubing and stabbed into Baker Model "D" Production Retainer set at 4011' RB.
- (b) Squeezed the Organ Rock Zone with 100 Halcid-9 cement MP 2000 psi. Bled to 1180 psi. Shut-in over night.

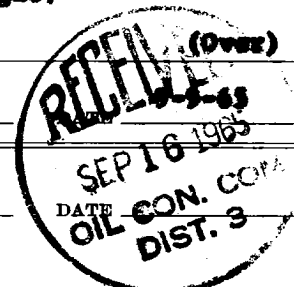
18. I hereby certify that the foregoing is true and correct

ORIGINAL SIGNED BY:
SIGNED **BEN W. SMITH**Assistant
District Manager
TITLE

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE



*See Instructions on Reverse Side

USGS(4) MBOCC(2) DRS Bu/Mines HDM

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.

U.S. GOVERNMENT PRINTING OFFICE: 1963-O-665229
667-651

- (c) Re-squeamed with 100 sacks Halcid-9 cement. Maximum Pressure 2000 psi. WOC 4 1/2 hours. Blod off pressure - no returns.
- (d) Perforated DeChelly 3896-3966 with one jet per foot. Well flowed at a low rate after perforating.
- (e) Ran 60 H.P. B-J Centrifugal pump set at 1740' KB. Well pumped off. Pump rate 500 barrels of water per day.
- (f) Pulled pump. Broke down with 200 barrels of water. Rate 8 BPD, MP 2300 psi.
- (g) Ran 20 H.P. B-J Centrifugal pump, set at 1185' KB. Well pumped estimated 1200 BPD. Work complete 8-23-63.
- (h) Shut-in pending installation of distribution system.