

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(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. ☐ OIL WELL ☐ GAS WELL ☒ OTHER		5. LEASE DESIGNATION AND SERIAL NO. 36
2. NAME OF OPERATOR Continental Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
3. ADDRESS OF OPERATOR P. O. Box 3312 - 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 1849' FML, 1849' FML - NE/4		8. FARM OR LEASE NAME Northeast Haynes
14. PERMIT NO.		9. WELL NO. 10
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6684' GR 6696' RB		10. FIELD AND POOL, OR WILDCAT Undesignated Mesa Verde
		11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA Sec. 21, T24N, R5W, NMPM
		12. COUNTY OR PARISH Rio Arriba
		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* ☐**Well History** ☒

(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.)*

Well completed in Gallup formation 5-28-64 from perfs 5854'-5676' with 4 1/2" casing set at 5925'.

Pulled rods and tubing. Set Baker Model "D" plug at 5588'. Set 20' sand on plug. Perforated 4564'-69', 4603'-08', 4616'-22' with 2 jets/foot. Loaded hole with water. Swabbed - no shows. Pulled tubing. Went in with packer and set retrievable plug at 4636'. Set packer at 4612'. Tested perfs 4616'-22'. Swabbed dry. No fluid entry from perfs. Checked packer with wireline - 9' error. Set packer at 4612', retrievable plug at 4665'. Swabbed load water. Zone 4616'-22' is water productive. Set retrievable plug at 4612', packer at 4587'. Tested perfs 4603'-08'. Swabbed - no fluid recovery. Hooked up kill truck, broke formation down at 1600 psi. Swabbed - no shows of oil or gas. Set retrievable plug at 4585', packer at 4557'. Tested perfs 4564'-69'. Perforated 4393'-98' with 1 shot per foot. Straddled perfs with retrievable plug and packer. Swabbed - no shows. Perforated 4372'-77'. Set retrievable plug at 4384' and packer at 4326'. Swabbed perfs at rate 6 BPH with 2% oil and show of gas. Set retrievable plug at 4353'. Perforated 4303'-10' - 20' with 1 jet/foot. Perforated 4237'-42', 4227'-29', and 4084'-90' with 2 jets/foot. Went in with retrievable plug and packer. Swabbed perfs 4320'-03' at rate 22 BPH - no shows. Swabbed perfs 4242'-37', 14 BPH - no shows. Swabbed perfs 4084'-90', 5 BPH - no shows. Perforated Chacra 3222'-28'.

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

Original Signed By:

SIGNED H. D. HALEYTITLE District ManagerDATE 7-2-64

(This space for Federal or State office use)

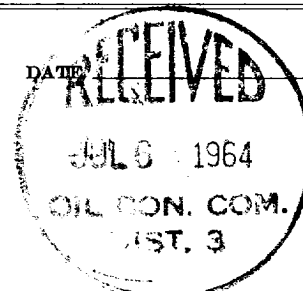
APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

USGS (3) MHOCC (2) EPNG JRM DRB MDH



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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with 2 jets/foot. Set retrievable plug at 3388', packer at 3183'. Swabbed 1.5 MPH of gas cut water, no free gas. Set packer at 3588'. Squeezed Mesa Verde perfis 4084'-90', 4227'-29', 4237'-42', 4303'-20', 4372'-77', 4393'-98', 4564'-69', 4603'-08', and 4616'-22' with 300 sacks regular cement. Released packer and reset at 2973'. Squeezed Chacra perfis 3222'-28' with 50 sacks regular. Filled packer and left well shut-in. WCC. Rigged up to drill out. Tagged cement at 3056'. Closed BOP. Tested at 1000 psi 5 minutes - held OK. Drilled cement to 3262'. Tested to 1350 psi - OK. Tagged top of Mesa Verde cement at 3987'. Drilled cement to 4113'. Tested to 1400 psi. Drilled to 4271'. Tested to 1450 psi - OK. Drilled cement 4271'-4651'. All squeezed perfis tested at 1500 psi - no leaks. Circulated and drilled sand off production packer at 5588'. Circulated hole clean. Pushed expendable bridge plug out of packer. Ran tubing with seal and latch assembly and perforated nipple. Latched into packer. Put 10,000# tension on tubing. Ran rods and 1 1/2" pump. Put on pump. Recovering load water. Dropped from reports until load water is recovered and the well is tested.