

UNITED STATES
N. M. OIL CONS. COMMISSION
DEPARTMENT OF THE INTERIOR
P. O. BOX 1830
HOBBS, NEW MEXICO 88240
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐

2. NAME OF OPERATOR ARCO Oil and Gas Company
Division of Atlantic Richfield Co.

3. ADDRESS OF OPERATOR
P.O. Box 1710, Hobbs, New Mexico 88240

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980' FEL & 660' FSL (Unit "Q")
AT TOP PROD. INTERVAL: as above
AT TOTAL DEPTH: as above

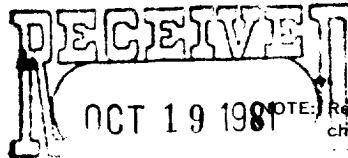
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) Run prod csg, cmt, complete

SUBSEQUENT REPORT OF:

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NOTE: Report results of multiple completion or zone change on Form 9-330.)

OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

5. LEASE
LC-032726

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Duthie Andrews Fed

9. WELL NO.
1

10. FIELD OR WILDCAT NAME
Langlie Mattix 7R Qn

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
18-23S-37E

12. COUNTY OR PARISH Lea 13. STATE
New Mexico

14. API NO.
30-025-27446

15. ELEVATIONS (SHOW DF, KDB, AND WD)
3331.8' GL

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.)*

Rigged up on 8-5-81. Resumed drlg 7-7/8" hole @ 9:00 PM 8-6-81. Finished drlg 7-7/8" hole to 3755' TD @ 5:00 AM 8-14-81. Ran GR-CNL/FDC, GR DLL, GR Cal logs. RIH w/5-1/2" OD 15.5# K-55 csg set @ 3755'. Cmdt 5-1/2" csg w/500 sx Howco Lite Cont'g 15#/sk salt, 1/4#/sk flocele followed by 250 sx Cl H Thick set cmt Cont'g 3#/sk salt & 1/4#/sk flocele. PD @ 6:00 PM 8-15-81. Circ 30 sx cmt to surf. WOC. On 8-24-81 installed BOP, ran bit to 3710' PBD. Press tested csg to 1500# for 30 mins. OK. Spot 500 gals 10% HCL across interval to be perf'd. Ran GR-Corr logs. Perf'd 7R Qn @ 3394,99,3487,91,3524,32,42,46,54,70,82,86,96,3606,11,18,33,51,55,68,73,77' w/22-.42" holes. Acidized perfs w/3000 gals 15% HCL, swbbd 34 BLW in 1 hr. Flwd 21 BW w/show of oil in 2 hrs. 8-26-81, 14 hr SITP 800#. In 10 hrs swbbd 6 BO & 52 BW, good show of gas. RIH w/cmt retr, set retr @ 3647'. Squeeze perfs 3651,55,68,73,77' w/150 sx Cl H cmt Cont'g 2% CaCl₂. Spot 5 sx cmt on top of retr. WOC. RIH w/bit & scraper. Tagged TOC @ 3460'. Drld out cmt Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

ACCEPTED FOR RECORD
SIGNED ROGER A. CHAPMAN

TITLE Dist. Drlg. Supt. DATE 10-13-81

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

OCT 21 1981

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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.

to 3645' PBD. Acidized perfs 3394-3633' w/1500 gals 15% HCL NE acid. Set pkr @ 3402', swbbd 21 bbls LW w/oil show, no gas. 9-12-81 14 hr SITP 0#, CP 0#. Swbbd 10 hrs, rec 3 BO & 6 BW. Set pkr above perfs & frac'd w/40,000 gals Titan XL-3, 13,500 gals, CO₂, 92,000# sd in 3 stages. Opened well & flwd 51 BO & 215 BW thru 2" ck in 19 hrs. On 4 hr test flwd 30 BO & 10 BW, 2 " ck, FTP 40#. POH w/pkr. CO sand to 3645' PBD. RIH w/2-3/8" OD tbg, set SN @ 3593'. RIH w/rods & pump. On 24 hr potential test 10-12-81 pmpd 27 BO, 28 BW, 125 MCFG, GOR 4630:1.

Final Report.