

Form 9-331
Dec. 1973Form Approved.
Budget Bureau No. 42-R1424UNITED STATES
DEPARTMENT OF THE INTERIOR
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 & Gas Company
Division of Atlantic Richfield Company

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: 660' FNL & 1980' FNL
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) ☐

SUBSEQUENT REPORT OF:

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5. LEASE

LC-054453

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Duthie Andrews WN

9. WELL NO.

4

10. FIELD OR WILDCAT NAME

Langlie Mattix 7R Qn

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

19-23S-37E

12. COUNTY OR PARISH

Lea

13. STATE

NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
3328' GL

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

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.)*

Rig up on 12/30/80. POH w/rods, install BOP, POH w/2-3/8" tbg. Cleaned & drilled to 3695' new PBD. Perf'd 4 1/2" csg additional 7 Rivers Queen 3386, 90, 94, 98, 3436, 40, 46, 52, 56, 83, 87, 3561, 66, 70, 75, 84, 88, 3618, 21, 30, 34, 38, 42, 48, 52, 56, 60, 66, 79, 84' 1 JSPF. RIH w/pkr, set pkr @ 3327', SN @ 3320'. Acidized perfs 3386-3684' w/ 3000 gal MCA acid. Flushed w/ 23 bbls 2% KCL water. Frac'd perfs 3386-3684' in 3 equal stages w/3000 gal gel thin-pad, 15,000 gals cross link gel, 15,000 gals CO₂, 57,000# sd, flushed w/2% KCL water & CO₂. Used rock salt & BAF between stages. SI 2 1/2 hrs. Opened on 24/64" ck, flwd 5 hrs, rec 3 BO, 63 BW, TP 600#-75#. On 1/12/81 swbd 2 BO, tr of wtr in 3 runs. POH w/pkr. CO hole to 3695' PBD. RIH w/ comp assy, set 2-3/8" tbg @ 3646', SN @ 3610'. RIH w/2"x1-1/16"x12' rod pump. On 24 hr test 1/18/81 pmpd 7 BO, 7 BW, 143 MCFG on 6-49" SPM. GOR 20,428:1. On 24 hr potential test 1/18/81 pmpd 7 River Qn perfs 3386-3684' & 3463-3603' 7 BO, 7 BW, 143 MCFG, GOR 20,428:1.

FINAL REPORT.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED

James J. Schmidt

TITLE Dist. Drlg. Supt. DATE 1/22/81

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

FEB 21 1981

U.S. GEOLOGICAL SURVEY
ROSWell, NEW MEXICO