

UNITED 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 ☒ gas ☐ 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: 2310' FSL & 330' FWL
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: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

(other) ReEnter, log, run liner & cmt

Perf, acidize, test & Shut-In

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 2/19/81, remove dry hole marker, install wellhead & BOP. Drld out cmt plugs 0-51', 1034-1064'. Drld junk to 1090', cmt 1090-1325'. Drld cmt 2300-2361'. Circ hole clean. Run CBL. Poor cmt bond. Run Vertilog 0-2360', indicated csg in poor condition. Drld cmt 2460-2509', 3060-3115', drld junk 3115-3236', drld cmt 3320-3400' PBD. Run Densilog, Neutron GR, DLL GR. RIH w/4 1/2" OD 9.5# K-55 csg set @ 3400', DV set @ 2409'. Cmt 4 1/2" OD csg w/200 sk Cl C cmt cont'g 3#/sk Gilsonite 1/4#/sk flocele, Open DV tool, pumped 300 sx HOWCO light cont'g 3#/sk Gilsonite, 1/4#/sk Flo-cele, 2% CaCl₂, 100 sx Cl C cmt w/2% CaCl₂, closed DV tool, PD @ 3:00 PM 3/6/81. WOC. Drld out DV tool @ 2409'. RIH w/bit to 3382'. Ran CBL, indicated TOC @ 1240'. Ran Sonolog, indicated hole in 7" csg @ 55-62'. Bradenhead squeezed 4 1/2" x 7" annulus w/180 sx Cl C Neat cmt MP 500#, WOC 8 hrs. Ran temp survey, indicated cmt from surf 75'. Spot 150 gals 10% acetic acid 2995-3186'. Perforate @ 2995, 3001, 06, 34, 39, 44, 62, 69, 78, 82, 91, 3103, 12, 19, 26, 33, 40, 44, 48, 63, 70, 76, 80,

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

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

SIGNED Jerry W. Schmidt TITLE Dist. Drlg. Supt. DATE 7/08/81

ACCEPTED FOR RECORD

ROGER A. CHAPMAN (This space for Federal or State office use)

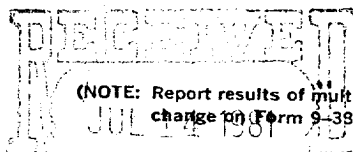
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

JUL 15 1981

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

See Instructions on Reverse Side

5. LEASE
LC-034117(a)
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
R. S. Crosby "A"
9. WELL NO.
2
10. FIELD OR WILDCAT NAME
Langlie Mattix 7R Qn
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
28-25S-37E
12. COUNTY OR PARISH Lea 13. STATE N M
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
3022' GR



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

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.

86'. RIH w/pkr set @ 2813'. Acidized perfs 2995-3186' w/ 3000 ls 15% NEFE acid. Swbd & flwd BO, 161 BW in 6 hrs. SITP 1000#. Flwd 7 BO, 141 BW on 20/64" ck in 24 hrs. Flwd 5 hrs on 20/64" ck @ 25# FTP, rec 41 BW. Re-set pkr @ 3153'. Swbd perfs 3163-86' 5 hrs, rec 57 BW. POH w/pkr. RIH w/BP @ 3153', sting out of BP, swbd perfs 2995-3148', rec 75 BW w/tr oil in 3 hrs. POH w/tbg. RIH w/pkr, set pkr @ 3097'. Swab perfs 3103-48', rec 95 BW & tr oil. Re-set BP @ 3097', pkr @ 3052'. Swbd perfs 3062-3091', rec 72 BW, tr oil. Moved BP to 3052', pkr to 2980', swbd perfs 2995-3044', rec 30 BW & flwd 47 BW w/tr of oil. Re-set BP @ 3020', pkr @ 2973', swbd perfs 2995-3006', rec 98 BW, no tr of oil. Re-set BP @ 3052', pkr @ 3020', isolate perfs 3034-3044'. Flwd 6 BO, 223 BW. SITP 875#, SICP 75#, Opened well, flwd perfs 3034-3044', rec 3 BO, 210 BW in 3 hrs. Ran injectivity test on perfs 3034-3044'. Pmpd fm wtr @ 15 min intervals as follows: 1.9 BPM @ 300#, 2.9 BPM @ 600#, 4.1 BPM @ 900#, 4.6 BPM @ 1200#, 4.6 BPM @ 1500#, 4.6 BPM @ 1800#. Set RBP @ 3213' & pkr @ 2973'. Pmpd into perfs 2995-3186' w/6.0 BPM @ 900#. POH w/pkr. Set RBP @ 2973'. Rem BOP, connect up wellhead, Shut-In on 3/29/81, evaluating for SWDW.

RECEIVED
JUL 21 1981
OIL CONSERVATION DIV