

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NM OIL CONS - COMMISSION
Drawer DD
Artesia, NM 88210

Form Approved
Budget Bureau of the Interior

RECEIVED BY

MAR 02 1984

O. C. D.

NAME ARTESIA, OFFICE

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 Company

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980' FNL & 660' FEL
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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☐
☐
☐
☐
☐

Run 5 1/2" csg & Cmt, Log, Perf,
Acidize, Frac & Complete

(NOTE: Report results of multiple completion 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.)*

Finished drlg 7-7/8" hole to 2156' @ 6:30 AM 12/6/83. Reamed 7-7/8" hole 1015-1153' & CO hole to 2156'. RIH w/5 1/2" OD 15.5# K-55 Hydril FJ csg, set @ 2156', FC @ 2115'. Cmt'd 5 1/2" OD csg w/625 sx C1 C cmt cont'g 2% gel, 6# salt/sk, .3 of 1% CFR-2. PD @ 10:45 PM 12/7/83. Circ 41 sx cmt to surf. WOC. On 12/13/84 ran base temp log. RIH w/2-7/8" OD WS & tagged btm @ 2109'. Displ hole w/FW cont'g 2% KCL wtr. Spotted 100 gals 15% HCL NE FE. Tested csg to 1000# for 30 mins. Ran BHC Sonic-CBL-CNL-GR logs. Perf'd 5 1/2" csg w/2 JSPF @ 2022-2025' & 2032-2055' = 46 .58" holes. Set pkr @ 1744' & acidized SA perfs 2022-25 & 2032-55' w/4500 gals 15% HCL NEFE & 300# 75/25% RS/BAF in 4 stages. Flushed w/2% KCL wtr. Flowed back to clean up. On 12/17/83 swbd perfs 2022-25' & rec 23 BO & 4 BLW. POH w/pkr. Perf'd w/2 JSPF @ 1953-58', 70', 72', 77', 78', 83', 85' = 28 .58" holes. Set RBP @ 2002'. Set pkr @ 1744' & acidized perfs 1953-85' w/4500 gals 15% NEFE in 500 gal stages. Flwd back to clean up. In 2 hrs swbd 12 BF. Rel pkr, ran to 1990' & swbd perfs 1953-85', rec 7 BO & 70 BW, show of gas. (cont'd on Set @ back of page).

Subsurface Safety Valve: Manu. and Type

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

SIGNED Peter W. Lawrence TITLE Drlg. Engr. DATE 1/31/84

ACCEPTED FOR RECORD

(This space for Federal or State office use)

PETER W. CHESTER

APPROVED BY
CONDITIONS OF

APPROVAL DATE

FEB 28 1984

TITLE

DATE

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.

On 12/22/83 swbd perfs 1953-85' 7 hrs, rec 15 BO & 45 BW. Rel BP @ 2002', ran to 2060'. In 1½ hrs swbd SA perfs 1953-2055', rec 5 BW. On 12/23/83 swbd 5 hrs & rec 6 BO & 20 BW. Set RBP @ 2065'. In 4 hrs swbd perfs 2022-55' & rec 20 BO & 13 BW. POH w/pkr & RBP. RIH w/compl assy to 2066'. RIH w/pump & rods. On 12/31/83 pmpd 82 BO, 29 BW & 13.5 MCFG in 17 hrs. POH w/pump, rods & compl assy. Set pkr @ 1874'. Pmpd 9000 gals x-linked gel & flushed w/650 gals non-x-linked gel. Frac'd w/39,000 gals 30# x-linked gel & 102,500# sd. Swbd back to clean up. On 1/9/84 swbd 9 hrs, rec 14 BNO & 178 BLW w/show of gas. POH w/pkr. RIH w/compl assy & set @ 1972'. RIH w/pump & rods. On test 1/15/84 pmpd 31 BO, 75 BW in 24 hrs. On 24 hr potential test 1/26/84 pmpd 75 BO, 44 BW & 49 MCFG on 13-54" spm. GOR 653:1. Final Report.