

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 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.) 1500' FSL & 2130' FEL Unit Ltr J
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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:

☐
☐ & Cmt Squeeze
☐
☐
☐
☐
☐
☐

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.)*

RU 12/10/79, killed well, installed BOP & POH w/compl assy. RIH w/retr & set @ 6287'. Cmt squeezed Abo perfs 6147-67' w/50 sx LWL cmt & 50 sx Cl C cmt w/2% CaCl. RO 40 sx cmt to pit. WOC. DO retr & cmt. Press tested squeeze job to 1000# 30 mins OK. Perf'd Abo 6240-54' w/2 JSPF. RIH w/pkr, set @ 6206'. Treated Abo perfs 6240-54' w/150 gals LSTNE-FE, 1500 gals gelled CaCl wtr, 1500 gals gelled lease crude, 1500 gals 15% HCL-LSTNE-FE acid. Swbd back load. POH w/pkr. RIH w/cmt retr, set @ 6230'. Cmt squeezed Abo perfs 6240-54' w/75 sx Cl C w/2% CaCl. Circ 44 sx cmt to pit. WOC. DO cmt & retr. Press tested squeeze job to 1000# 30 mins OK. Perf'd Abo 6197-6209' w/2 JSPF. RIHw/pkr, set @ 6183'. Acidized perfs w/300 gals 15% HCL acid. Trtd perfs w/1500 gals 15% HCL-LSTNE-FE inhib acid, flushed w/12 bbls KCL wtr. Swbd back load. Swbd on test, 1 BNO, 8 BFW in 1 1/2 hrs. POH w/pkr & tbg. RIH w/cmt retr, set retr @ 6178'. Squeeze cmtd Abo perfs 6197-6209' w/100 sx Cl C cmt cont'g .3% of 1% HLX followed by 50 sx Cl C w/2% CaCl. (cont'd on back)

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

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

SIGNED George H. [Signature] TITLE Dist. Drlg. Supt. DATE 1/9/80

(This space for Federal or State office use)

APPROVED BY GEORGE H. [Signature] TITLE Dist. Drlg. Supt. DATE 1/9/80
CONDITIONS OF APPROVAL, IF ANY:

5. LEASE

NM-016788

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

JAN 14 1980

8. FARM OR LEASE NAME

Empire Abo Unit "K" O. C. D.

9. WELL NO.

194

10. FIELD OR WILDCAT NAME

Empire Abo

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

1-18S-27E

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

3618.3' GR

RECEIVED

(NOTE: Report results of multiple completion or zone change on Form 9-331-C)

U.S. GEOLOGICAL SURVEY
ARTESIA, 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.

GPO : 1975 O - 214-148

Displaced csg w/FW cont'g 2% KCL, 5 gal/100 bbl C-198 corrosion inhibitor. RIH w/196 jts 2-3/8" OD tbg. Installed gate valve on tbg & temporarily abandoned eff 1/7/80. Final Report.