

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.)
AT SURFACE: 1980' FNL & 1980' FWL (Unit F)
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:

- ☐
☐
☐
☐
☐
☐
☐
☐
☐

5. LEASE
NM-052
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Mescalero Ridge Unit 35
9. WELL NO.
5
10. FIELD OR WILDCAT NAME
Pearl Queen
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
35-19S-34E
12. COUNTY OR PARISH
Lea
13. STATE
New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
3710' GR

(NOTE: Report results of multiple completion of 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.)*

The casing has collapsed @ approx 3177' above the producing interval and no other productive intervals exist above the collapsed csg point. Propose to plug and abandon in the following manner:

1. RU, install BOP. RIH w/tbg & screw into top of tbg fish @ 3143'. Drop ball & plug btm of tbg.
2. Perforate tbg w/2 JSPF @ approx 3400', below salt & collapsed csg. Establish inj rate. Cut tbg @ 3143' & POH w/tbg.
3. RIH w/cmt retr, set retr @ 3140' & cmt squeeze perms 4576-5150' w/500 sx C1 H Neat cmt.
4. Displ hole 3140-1850' w/9.5#/gal brine, 25 sx of salt gel per 100 bbls brine.
5. Perf 2 SPF @ 1850'. RIH w/pkr & establish injection rate, break circ to surf thru 8-5/8" x 5 1/2" csg annulus.

(cont'd on back of page)

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

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

SIGNED Roland P. Summer Drlg Engr. DATE 2/6/84

APPROVED (This space for Federal or State office use)
(Orig. 880) PETER W. CHESTER
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

FEB 21 1984

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.

6. Pump cmt thru perfs @ 1850' & circ cmt to surf w/1100 sx
CI H Neat cmt. If circulating cmt to surf is unsuccessful,
then set cmt retr & cmt squeeze perfs @ 1850' w/CI H Neat
cmt & spot cmt on top of retr to surf.
7. Cut off 5 1/2" csg 4' below GL & spot 10 sx cmt plug @ surf.
8. Weld on regulations dry hole marker, clean & level location
for abandonment.