

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 Water Injection Well

2. NAME OF OPERATOR ARCO Oil and Gas Company  
Division of Atlantic Richfield Co.

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: 1980' FSL & 1980' 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

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.  
8

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  
N.M.

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
3705' GL

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:

Water flow

RECEIVED  
DEC 10 1981

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

OIL & GAS  
U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

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 11/16/81. Install BOP, POH w/injection assy. RIH w/RBP, set BP @ 4175'. Found hole in csg @ 1770'. Spot sd on top of BP. Ran tbg OE to 1790'. Spot 50 sx Cl C cmt contg 2% CaCl<sub>2</sub> across hole @ 1770'. POH w/tbg. BH sqzd hole w/40 sx cmt in fm. WOC. RIH w/bit, tagged cmt @ 1598', drld out cmt to 1850'. RIH w/pkr, set @ 1850'. Press tstd tbg/csg annulus fr back side w/1500# for 30 mins, OK. Press tstd csg below pkr @ 1850'. Found hole in csg @ 3250'. Set pkr @ 3088'. Sqzd hole @ 3250' w/40 sx Cl C cmt in fmn, 10 sx inside csg. WOC. POH w/pkr. Tagged cmt w/bit @ 3115', drld & CO to 3275'. Press tstd csg to 1250# for 30 mins, OK. Circ sd off BP @ 4175', retrieved BP. RIH w/RBP, set BP @ 4795', pkr @ 4520'. Acidize Qn 4580-4781' w/1500 gals 15% HCL acid. RIH w/tbg & retrieve BP @ 4795'. On 11/25/81 RIH w/FBRC pkr, tagged Mod "F" pkr @ 4817', set FBRC @ 4790'. Acidize w/1500 gals 15% HCL acid 4927-5102'.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct  
SIGNED Jerry Schmidt TITLE Dist. Drlg. Supt. DATE \_\_\_\_\_

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

12-4-81  
ACCEPTED FOR RECORD  
DEC 15 1981  
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.

POH w/tbg & pkr. RIH w/PC tbg int. & ext. between pkr 4817' & 4409' and PC Ext 4409-0'. Circ tbg/csg annulus w/pkr fluid. On 24 hrs test 12-2-81 injected 260 BW. Prior injection 234 BWPD.

FINAL REPORT.

RECEIVED

DEC 16 1981

☆ GPO 1979-680-655/684