

H. B. GEORGE, SUPERVISOR
P. O. BOX 1080
HOBBS, NEW MEXICO 88240

Form Approved.
Budget Bureau No. 42-R1424

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.)

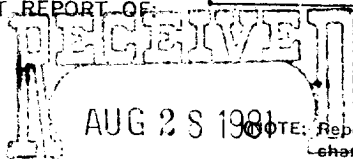
1. oil well ☐ gas well ☐ other ☒ Water Injection Well
2. NAME OF OPERATOR ARCO Oil and Gas Co.
Division of Atlantic Richfield Co.
3. ADDRESS OF OPERATOR
P. O. Box 1710, Hobbs, N M 88241-1710
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980' FNL & 1980' FEL
AT TOP PROD. 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:

- ☐
☐
☐
☒
☐
☐
☐
☐
☐



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

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.
4
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)
3715' GR

NOTE: Report results of multiple completion or 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.)*

On 8/01/81 rigged up, installed BOP. POH w/injection assy. Cleaned out to 5203' TD. RIH w/RBP, set BP @ 4500'. Press tstd csg, pmpd 1 1/2 BPM @ 1000#, Moved BP to 4478', press tstd csg, pmpd 1 1/2 BPM @ 1000#. Ran GR-CBL & CAT log. RIH w/pkr, set pkr & found hole in csg @ 908'. Pmpd into hole, no circ to surf. Squeezed hole in csg @ 908' w/100 sx Cl C cmt contg 2% CaCl₂. FSIP 1050# WOC. POH w/pkr. RIH w/bit, DO cmt 750-920'. Press tstd csg to 1400#, leaked 1/2 BPM. RIH w/pkr, set pkr @ 970', press csg to 1000#, OK. Re-set pkr @ 720', squeezed hole in csg @ 908' w/100 sx Cl C cmt contg 2% CaCl₂ w/15 bbls Caustic wtr ahead of cmt. WOC. POH w/pkr. RIH w/bit, drld cmt 780-920'. Press test csg to 1400# for 30 mins, OK. Circ sd off BP @ 4478' & POH w/BP. RIH w/BP & pkr, set BP @ 5190', pkr @ 4640'. Acidized perms 4717-5190' w/1500 gals DS-30. Moved BP to 4660', pkr to 4480'. Acidized perms 4562-4620' w/1500 gals DS-30. POH w/RBP & pkr. RIH w/IPC inj comp assy, set Lok-set pkr @ 4489' & tandem tension pkr @ 4623'. Circ tbg/csg annulus w/corrosion in-

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

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

SIGNED James D. Schmidt TITLE Dist. Drlg. Supt. DATE 8/24/81

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

ACCEPTED FOR RECORD
PETER W. CHESTER

SEP 25 1981

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

See Instructions on Reverse Side

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 data well site conditioned for final inspection looking to approval of the abandonment.

hibited fluid. Install injection wellhead. Return to
water inj on 8/18/81 ARO 102 BWPD, TP 2000#.
FINAL REPORT.