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Form 9-331

Dec. 1982

NOV 2 1982

NM OIL CONS. COMMISSION

Drawer DD

Form Approved.

Budget Bureau No. 42-R1424

C/SF

UNITED STATES Artesia, NM 88210

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

O. C. D.

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 ☐ SWIW
2. NAME OF OPERATOR ARCO Oil and Gas Company
Division of Atlantic Richfield Company
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: 2310' FNL & 990' 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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U.S. GEOLOGICAL SURVEY

Convert Shut-in Oilwell to SWIW

5. LEASE
LC-028480(a)
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
Empire Abo Pressure Maintenance Project
8. FARM OR LEASE NAME
Empire Abo Unit "B"
9. WELL NO.
48
10. FIELD OR WILDCAT NAME
Empire Abo
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
30-17S-29E
12. COUNTY OR PARISH
Eddy
13. STATE
New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
3633' 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.)*

RU 7/14/82, killed well, installed BOP. POH w/compl assy. Ran CBL 6277-2630'. Perf'd Abo 6226-6234' w/2 JSPF. Set BP @ 6135'. Press tested 5 1/2" csg to 1000#, OK. Ran CBL 2630' to surface. Ran Vertilog 6135' to surface. Perf'd 5 1/2" csg 1608-1610' w/ 2 JSPF. Set pkr @ 1558' & established circ to surface & calculated volume. Set cmt retr @ 1558', pumped 400 sx Howco Lite cont'g 15#/sk salt, 1#/sk flocele followed by 200 sx Cl C cmt cont'g 2% CaCl2. RO 5 sx cmt. Circ 130 sx cmt to surf. WOC. DO cmt to 1620'. Press test squeeze job to 1000#, OK. DO CIBP @ 6135'. CO hole to 6286'. RIH w/Lok-set pkr on 2-7/8" OD plastic-lined tbq. Set pkr @ 6115'. Rel tbq from pkr. Circ tbq/csg annulus w/corrosion inhibited fluid. Latch onto pkr. Acidized Abo perfs 6183-88', 6206-6213', 6226-6234' & 6265-6277' w/7500 gals 15% LSTNE-FE acid using rock salt as diverter. Removed BOP & connected up wellhead; installed pressure gauge for detection of leakage in casing, tbq or pkr. Commenced injecting produced (cont'd on back)

Subsurface Safety Valve: Manu. and Type

Set @ Ft.

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

SIGNED David R. Glass TITLE Drlg. Engr. DATE 7/29/82

ACCEPTED FOR RECORD

(This space for Federal or State office use)

(ORIG. SGD.) DAVID R. GLASS

APPROVED BY
CONDITIONS OF

APPROVAL NOV 1 1982

TITLE

DATE

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

GPO : 1976 O - 214-149

water into Abo perfs 6183-6277' on 7/28/82. On 22 hr injection test injected 3040 BW on vacuum. Completed as a SWIW in the Empire Abo Pressure Maintenance Project per Oil Conservation Division Order PMX-116. Final Report.