

Form 9-331
Dec. 1973Form Approved.
Budget Bureau No. 42-R1424UNITED 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 & 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.) 1186' FSL & 200' FEL
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: As Above
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE
NM 025604
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
Empire Abo
Pressure Maintenance Project
8. FARM OR LEASE NAME
Empire Abo Unit "L"
9. WELL NO.
121
10. FIELD OR WILDCAT NAME
Empire Abo
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
3-18S-27E
12. COUNTY OR PARISH | 13. STATE
Eddy | N. M.
14. API NO.
30-015-22062
15. ELEVATIONS (SHOW DF, KDB, AND WD)
3509.3' GR

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:

- ☐
- ☐
- ☐
- ☐
- ☐
- ☐
- ☐
- ☐
- ☐
- ☐
- Squeeze cmt, Complete Lower in reef.

RECEIVED

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AUG 22 (NOTE) Report results of multiple completion or zone change on Form 9-330.

SEP 3 1980

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICOO. C. D.
ARTESIA, OFFICE

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.)*

1. Rigged up on 7/23/80, killed well, installed BOP, POH w/ comp assy.
2. RIH w/ retri, set retri @ 5890'. Cmt squeezed Abo perms 5936-5956' w/ 125 sx C1 "C" + LWL & 35 sx C1 "C" + 2% CaCl₂. WOC. Drld out retri & cmt. Press test squeeze job to 1500# for 30 min, OK.
3. Ran GR-CCL log. Perforated Abo 6010-6028' w/ 2 JSPF. RIH w/ 2-3/8" tbg & Lok-set pkr, set pkr @ 5990'.
4. Acidized perms w/ 150 gals 15% HCL-LST-NE-FE, 1500 gals gel CaCl₂ wtr, 1500 gals gel lease oil, 1500 gals 15% HCL-LST-NE-FE, 20 BLO. Swabbed & flwd back load. Treated perms w/ 1500 gals LO, 1500 gals 60/40 DAD flushed w/ 20 BLO. Swabbed & flwd back load. POH w/ pkr & tbg.
5. RIH w/ comp assy, btm of MA @ 6086'. On 24 hr potential test 8/16/80 pmpd 88 BO, 1 BW, 58 MCFG on 12-71" SPM, GOR= 659:1. Returned to production.

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

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

SIGNED Jerry W. Schmidt TITLE Dist. Drlg. Supt. DATE 8/20/80

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

ACCEPTED FOR RECORD

AUG 27 1980

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO