

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form Approved.
Budget Bureau No. 42-R1424

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.)
AT SURFACE: 660' FNL & 660' FWL
AT TOP PROD. INTERVAL:
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:

- ☒
☐
☒
☒
☐
☐
☐
☐
☐

RECEIVED

NOV 5 1980

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

5. LEASE
NM-025604
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
Empire Abo Pressure Maintenance Project RECEIVED
8. FARM OR LEASE NAME
Empire Abo Unit "M" NOV 12 1980
9. WELL NO.
9
10. FIELD OR WILDCAT NAME
Empire Abo O. C. D. ARTESIA, OFFICE
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
10-18S-27E
12. COUNTY OR PARISH
Eddy
13. STATE
N M
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
3528' RDB

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. Rig up on 9/31/80, kill well, install BOP, POH w/ comp assy.
2. RIH w/ RBP & pkr. Set BP @ 5661', pkr @ 5645'. Pressured tbg/csg annulus, found small leak. Test BP to 2000#, OK. Spot 3 sx sd on top of BP. Top of sd @ 5646'. Set pkr & found csg leak @ 3250'. POH w/ pkr.
3. Set cmt retr @ 3190'. Cmt d csg hole @ 3250' w/ 750 sx Cl "C" cmt w/2% CaCl₂ & 1/4# flocele/sk, close BH & squeezed 50 sx cmt into formation. Circ 25 sx cmt to pit. WOC.
4. Drld out cmt retr @ 3190' & cmt to 3260'. Press tested squeeze job to 1500# for 30 mins. Leaked off.
5. Set pkr @ 2980', squeeze cmt d hole in csg @ 3250' w/ 4 sx caustic soda in 15 BFW followed by 200 sx Cl "C" cmt w/2% CaCl₂, rev out 46 sx cmt. POH w/ pkr. WOC. Drld out cmt 3060-3270'. Press tested csg to 1500# for 30 mins, OK.

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 10/30/80

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

ACCEPTED FOR RECORD

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Form 9-331

Empire Abo Unit "M" #9

Sec 10-18S-27E

Eddy County, N M

6. Circ sd off BP, rec BP @ 5661'. RIH w/ lok-set pkr, set pkr @ 5634', swbd 3 hrs, rec 19 BLW, 0 BO, no gas.
7. Acidized perfs 5700-5720' w/ 2000 gals 60/40 15% HCL-LSTNE & Xylene, followed w/ 24 BLC. Swbd & rec 27.5 BW, 14 BO in 9 hrs. On 10/20/80 swbd 5.5 BW, 10.5 BO. Acidized perfs 5700-5720' w/ 4000 gals 60/40 15% HCL-LSTNE/Xylene. Swbd perfs 9 hrs, rec 15 BW & 49 BO. Flwd 4 hrs on 64/64" ck rec 6 BW, 22 BO, FTP 20-40 psi, CP 0 psi.
8. On 24 hrs test 10/26/80 flwd 79 BO, 0 BW & 245 MCFG on 32/64" ck, FTP 75 psi, GOR 3101:1.
FINAL REPORT.