

N.M.O.C.D. COPY

Form Approved.
Budget Bureau No. 42-R1424

File ✓
O & L Comm.

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 ☐
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: 1300' FNL & 1220' FWL Unit Ltr "D"
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:

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OCT 20 1980

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Squeeze and no perfs
Comp lower in reef

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 8/15/80, kill well, install BOP. POH w/ comp assy. Set cmt retr @ 5708'. Squeeze cmt Abo perfs 5766-84' w/ 150 sx Cl "C" cmt contg .75% LWL additive, 100 sx Cl "C" cmt w/2% CaCl₂, squeeze press 3000#. Rev out 2 bbl cmt. WOC. Drld out cmt & retr, circ hole clean. Press tested squeeze job w/ 1500# for 30 mins, press dropped to 1100# in 15 mins, RIH w/ Lok-set pkr, set @ 5739', pmpd 250 gals 15% NE acid into perfs. POH w/ pkr. RIH w/ cmt retr, set @ 5710'. Squeezed perfs 5766-84' w/ 10 bbl FW cont'g 1 gal Morflo, spot 75 sx Cl "C" cmt w/ .6% Halad-9 & 50 sx Cl "C" w/2% CaCl₂, displ w/ 20 bbls FW. Rev out 2 bbls cmt. WOC. Drilled cmt & cmt retr, circ hole clean. Press tested squeeze job to 1500# for 30 mins, OK. Ran GR-Neutron log. Perf Abo lower in reef 5928-5940'. Set pkr @ 5896'. Acidized perfs 5928-5940' w/150 gals SA-4 acid, 1000 gals gelled CaCl₂ wtr. Pkr & tbg failed to hole press. POH w/pkr. RIH w/pkr & tbg, set pkr @ 5928'. Trtd perfs 5928-40' w/ 150 gals 15% LSTNE acid, 1000 gals gelled CaCl₂ wtr, 1000 gals gelled LC, 1350 gals LSTNE 15% acid, 23 BLC. Swbd tbg dry. On 9/8/80 pmpd 1500 gals LC, 3000 gals LSTNE-FE acid, 23 BLC. Swbd back part of 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 10/15/80

(This space for Federal or State office use)

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

DATE ACCEPTED FOR RECORD

OCT 21 1980

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

Form 9-331
Empire Abo Unit "M" #901
Sec 10-18S-27E
Eddy County, N M
Page 2

load. POH w/ comp assy. Set RBP @ 5915'. Perf'd add'l Abo 5874-5884'. Set pkr @ 5858'. Treat perfs 5874-5884' w/ 2000 gals 60% LSTNE-FE acid, 40% Xylene, 23 BLC. Swbd 4 BW, 0 BO in 3½ hrs. Re-set RBP @ 5950', pkr @ 5858', swbd 24½ BW & 8 BO. In 9½ hrs swbd 3 BO, 1 BW. POH w/ pkr & BP. On 9/20/80 RIH w/ cmt retr @ 5831'. Pmpd 100 sx LWL cmt & 50 sx Cl "C" cmt w/ 2% CaCl₂, squeeze press 1000#, rev out 1½ bbl cmt. TA eff 9/22/80. Installed wellhead, closed valves.
FINAL REPORT.