

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 WIW

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.) 100' FSL & 990' FWL
AT SURFACE:
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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☐
☐
☐
☐

Cmt Squeeze Yates

5. LEASE
LC-029392 (a) RECEIVED
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
JUL 15 1982
7. UNIT AGREEMENT NAME
O. C. D.
8. FARM OR LEASE NAME ARTESIA, OFFICE
East Shugart Unit
9. WELL NO.
32
10. FIELD OR WILDCAT NAME
Shugart Queen Yates Q-SR-Gb.
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
35-18S-31E
12. COUNTY OR PARISH Eddy
13. STATE New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
3623' GL

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

RECEIVED
MAY 28 1982

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

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 4/25/82, install BOP, POH w/inj assy. Ran bit & scraper to 3943' PBD. Set RBP @ 2900', spot 2 sx sd on top. Set pkr @ 2400', cmt squeeze Yates perfs 2744-2829' w/300 sx Cl H cmt cont'g 3/10% CFR-2, 3# salt/sk, 10# sd/sk, 2% CaCl₂. Squeeze press 1800#. Found leak in 4½" csg @ 1985'. Perf'd 4½" csg w/4 holes @ 1987'. Set cmt retr @ 1914'. Squeeze cmtd peffs @ 1987' w/200 sx Cl H cmt cont'g 3/10% CFR-2, 3#/sk salt, 10# sd/sk, 2% CaCl₂. WOC 8 hrs. Ran temp survey, indicated no cmt above retr. Drld out retr @ 1914' & cmt to 1990'. Set cmt retr @ 1915'. Squeeze cmtd thru retr w/950 sx Cl C cmt cont'g 2% CaCl₂, no cmt to surf. Ran temp survey, indicated TOC @ 1100'. WOC. DO retr @ 1915' & cmt to 1990'. Press tested squeeze job to 1000# for 30 mins OK. RIH behind 4½" csg w/3/4" Kobe tbg to 1070', cmtd w/ 500 sx Cl C Neat cmt to surf. POH w/3/4" tbg. Install wellhead & BOP. DO cmt to 2831'. Pressure tested squeeze job 2744-2829' w/500#, no squeeze. Set pkr @ 2600', injected @ 2½ BPM @ 2200#. (cont'd on back of page)

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

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

SIGNED E. G. Bush TITLE Drlg. Engr. DATE 5/26/82

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

ACCEPTED FOR RECORD
PETER W. CHESTER

JUL 14 1982

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.

POH w/pkr. Set cmt retr @ 2600', squeeze cmtd perfs 2744-
2829' w/200 sx CI H cmt w/3#/sk salt, 10#/sk sd, 3/10% CFR-2,
Final squeeze press 2700#. WOC. Drid out retr & cmt to 2830',
Press test squeeze job to 500# for 30 mins OK. Washed sd off
RBP @ 2900' & rec BP. RIH w/injection assy, set pkr @ 2946'
& acidized perfs 3352-3891' w/5000 gals 15% NE acid. On in-
jection test 5/20/82 injected water ARO 120 BWPD @ 500#. Filled
tbg/csg annulus w/corrosion inhibited water. Return to
injection. Final Report.