

N. M. OIL CONC. COMMISSION
P. O. BOX 1980
HOBBS, NEW MEXICO 88240

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

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 and Gas Company
Division of Atlantic Richfield Company

3. ADDRESS OF OPERATOR
Box 1710, Hobbs, New Mexico 88240

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2630' FSL & 1310' 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

5. LEASE
LC-059152-b

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Sinclair Maljamar Johns DE Waterflood Project

8. FARM OR LEASE NAME
Johns "B" DE

9. WELL NO.
14

10. FIELD OR WILDCAT NAME
Maljamar Grayburg

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
24-17S-32E

12. COUNTY OR PARISH Lea 13. STATE N.M.

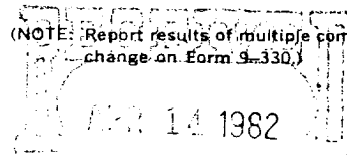
14. API NO.
30-025-27654

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4078.7' GR

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☒	☒
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☐	☐
(other) Run Prod Csg & Cmt		X

(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.)*

Finished drlg to 4380' TD @ 12:45 AM 12/19/81. RIH w/4 1/2" OD 11.5# K-55 csg, set @ 4375'. SC set @ 2934', inflatable pkr @ 2990'. Cmt 4 1/2" csg w/360 sx Thix-set cmt cont'g 2% CaCl₂ PD @ 3:30 PM, pkr failed. Cmt 2nd stage thru SC @ 2934' w/540 sx Hal lite cmt cont'g 15#/sk salt, 1/4#/sk flocele, 3#/sk gilsonite followed by 200 sx C1 C cmt cont'g 2% CaCl₂. SC closed @ 7:30 PM 12/19/81. Had water flow thru 8-5/8" x 4 1/2" csg annulus @ 3 BPM. WOC 48 hrs. RIH w/bit, tagged cmt @ 2800', DO 150' cmt to SC @ 2950', tagged cmt @ 4315', drld cmt to 4330'. Ran GR-CNL, GR-CBL. Perf'd 4 1/2" csg @ 3898-3900' w/4 SPF = 6 .44" holes. Set cmt retr @ 3835'. Sting tbg into retr @ 3835'. Pmpd thru 8-5/8" bradenhead w/100 sx thix-set C1 H cmt followed by 1360 sx C1 C cmt cont'g .3% CFR-2, 5#/sk salt. Cmt job complete @ 2:00 PM 12/27/82. Had water flow out tbg. Press 4 1/2" csg to 1000#. Inj rate 2000# thru tbg. Cmt thru retr w/500 gals flocheck, 200 sx Thickset cmt, 500 gals flocheck, 400 sx C1 H w/3% CaCl₂. WOC. (cont'd on back)

Subsurface Safety Valve: Manu. and Type

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

SIGNED James A. Schmidt TITLE Dist Drlg Supt DATE 11/3/82

(This space for Federal or State office use)

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO
APR 29 1982

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

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.

DO retr @ 3835' & cmt 3837-3935'. Press tested 4½" csg to 1500# 30 mins, OK. Ran CBL, good bond 2500-TD. Perf'd SA w/2 JSPF @ 4257, 66, 74' = 6 holes. RIH w/pkr, set @ 4215'. Flwd perfs 7 hrs, rec ¼ BPM w/show of oil and gas. TP 1700#, CP 0#. Pull pkr to 4010'. Set pkr @ 4010' & cmt squeezed perfs 4257-4274' w/150 sx Cl H cont'g 3% CaCl₂. Rel pkr, POH. WOC. RIH w/bit, drld cmt 4195-4285'. Press tested csg to 1600# 5 mins, OK. Ran CBL & CNL. Perf'd SA w/1 JSPF @ 4333, 37, 41, 46' = 4 .31" holes. RIH w/pkr, set @ 4305'. In 9 hrs swbd perfs 4333-4346', rec 16 bbls KCL wtr & 8 BFW. Acidized perfs 4333-4346' w/800 gals 15% NE-HCL. In 24 hrs flwd SA perfs 4333-46' thru open choke, rec 29 BFW, 1 BO & 2 MCFG. In 4 hrs swbd perfs 4333-46', rec 6 BO, 18 BW. Acidized perfs 4333-46' w/1500 gals 15% HCL-NE acid. In 43 hrs flwd 3 BO & 98 BW. Set pkr @ 4250'. Squeezed perfs 4333-46' w/150 sx Cl H cmt cont'g 2% CaCl₂. Press tested squeeze job to 1000#, OK. POH w/pkr. Perf'd Grbg SA 4163, 69, 73, 78, 85' w/2 JSPF. Set pkr @ 4152'. Acidized w/1500 gals 15% HCL SA-4 w/3 gals C-15 & 6 gal J-4A. In 10 hrs swbd Grbg perfs 4163-85', rec 4 BO, 13 BLW & 10 BFW. POH w/pkr. RIH w/compl assy. On 24 hr test 3/21/82 pmpd 0 BO, 0 BW, 0 MCFG. Shut in, under engineering study for possible additional treatment.

RECEIVED

APR 30 1982

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OFFICE