

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 and Gas Company
Division of Atlantic Richfield Company
3. ADDRESS OF OPERATOR
P. O. Box 5540, Denver, Colorado 80217
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 750' FNL & 2100' FWL (NE NW)
AT TOP PROD. INTERVAL: Unit C
AT TOTAL DEPTH: Approx the same
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

- | 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) N.O. perf, acidize and frac | | | |

5. LEASE
Jicarilla Contract #111
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla
7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla
9. WELL NO.
109
10. FIELD OR WILDCAT NAME
W.Lindrith - Gallup/Dakota
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
5-24N-4W
12. COUNTY OR PARISH
Rio Arriba
13. STATE
New Mexico
14. API NO.
30-039-22112
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6774' GR

(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.)*
- Spotted 350 gals 15% HCL @ 7233'. Perf'd 4 holes @ 7220'. Mixed 125 sxs Class "B" with .6% Halad-9. Squeezed.

Spotted 350 gals 15% MCA. Perf'd Dakota at following depths: 7242', 44, 46, 48, 50, 56, 57, 58, 59, 69, 70, 71, 72, 85, 86, 87, 90, 91, 92, 94, 95, 96, 98, 99, 7300', 02, 03, 04, 06, 07, 08, 10, 11, 12'. Frac'd Dakota perms 7242'-7312' with 89,000 gals 1% KCL wtr and 82,000# 20/40 mesh sand.

Perf'd Graneros at following depths: 7094', 95, 96, 97, 98, 99, 7100', 01, 02, 03, 04, 05, 06, 07, 08, 09. Frac'd Graneros perms 7094'-7109' with 42,900 gals 1% KCL wtr and 36,000# 20/40 mesh sand.

Spotted 200 gals 15% HCL @ 6189'. Perf'd 4 squeeze holes @ 6180'. Mixed 125 sxs Class "B" with .6% Halad-9. Squeezed.

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

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

SIGNED W. A. Walther, Jr. TITLE Operations Manager DATE 4-10-80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

APR 14 1980

NMOCC
*See instructions on Reverse Side

BY M. L. Kuchera

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.

Perf'd Gallup as follows: 6363', 65, 67, 69, 71, 73, 75, 77, 79, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99, 6401', 03, 05, 07, 09, 15, 17, 19, 21'. Treated perfs 6363'-6421' with 1000 gals 15% HCL and 56 ball sealers.
Frac'd Gallup perfs 6363'-6421' using Halliburton 40# versigel in 1% KCL wtr with 25,000# 100 mesh sand and 123,000# 20/40 mesh sand.

Perf'd Gallup 2nd stage as follows: 6195', 99, 6205', 09, 11, 34, 38, 42, 46, 56, 58, 62, 66, 70, 74, 78, 82, 89, 93, 99, 6301', 05, 07. Treated perfs 6195'-6307' with 40# versigel with 2000 gals 15% HCL.
Frac'd with 50,000# 100 mesh sand and 246,000# 20/40 mesh sand.