

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 ☒ gas ☐ 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: 1950' FSL & 1650' FWL (NE SW)
AT TOP PROD. INTERVAL: Unit K
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.
112

10. FIELD OR WILDCAT NAME
W. Lindrith - Gallup/Dakota

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
6-24N-4W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

14. API NO.
30-039-22252

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6850' GL; 6864' KB; 6863' DF

(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.)*

Perf'd 4 holes @ 7226' & squeezed with 125 sxs Class "B" w/.6% Halad 9. Sported
Perf'd 4 holes @ 6450' & squeezed with 125 sxs Class "B" w/.6% Halad 9. Sported
350 gals 15% HCL @ 7325'. Perf'd Dakota 7245', 47, 49, 51, 53, 55, 72, 73, 74, 75, 76, 84, 85,
86, 88, 89, 90, 92, 93, 94, 96, 97, 98, 7301, 02, 03, 05, 06, 07, 09, 10, 11, 13, 14, 15. Frac'd Dakota
perfs 7245'-7315' with 97,000 gals KCL & 90,000# 20/40 mesh sand flushed with 170
bbls 1% KCL.

Perf'd Gallup 6357, 59, 61, 63, 65, 66, 67, 69, 70, 71, 73, 74, 75, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 91, 92, 93, 95, 97, 99, 6400, 01, 03, 04, 05, 07, 09, 10, 11. Trt'd perfs with 1000
15% HCL, 15#/1000 gals iron sequestrant agent, 1gal/1000 clay stabilizer, 1 gal/1000
surfactant and 76 ball sealers. Frac'd Gallup perfs 6357'-6411' with 100,000# 20/40 mesh sand and 150,000# 20/40 mesh sand.

(OVER)

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED

W. A. Walther, Jr.

TITLE

Manager

DATE

(This space for Federal or State office use)

ACCEPTED FOR RECORD

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

BY

DISTRICT

*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.

GPO : 1976 O - 214-149

1. LEASE	2. UNIT ACREAGE
3. FARM OR L	4. WELL NO.
5. FIELD OR W	6. COUNTY OR
7. STATE	8. ELEVATION
9. AREA	10. APPROX

perf'd Gallup 6197, 98, 99, 6200, 01, 02, 03, 10, 11, 12, 13, 14, 31, 32, 33, 34, 35, 39, 40, 41, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 86, 87, 88, 89, 90, 97, 98, 99, 6300, 01. Frac'd Gallup 6197'-6301' with Western Mini-max III-30 gel in 135,800 gals 1% KCL and 30,000# 100 mesh sand and 193,760# 20/40 mesh sand. Spearheaded with 2000 gals 15% HCL.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for a well or to report on a well. Use Form G-201 for such purposes.

1. NAME OF OPERATOR	2. ADDRESS OF OPERATOR
3. LOCATION OF WELL (REPORT LOCATION CLEARLY, e.g., below)	4. CHECK APPROPRIATE BOX TO INDICATE NATURE OF REPORT, OR OTHER DATA
5. AT SURFACE: 1950' EST & 1950' FNL (Unit K)	6. AT TOP PROD. INTERVAL
7. AT TOTAL DEPTH: Approx the same	8. REQUEST FOR APPROVAL FOR

9. TEST WATER SHUT-OFF	10. REPAIR WELL
11. SHOOT OR ABANDON	12. CHANGE ZONES
13. PULL OR ALTER CASING	14. MULTIPLE COMPLETE
15. REPAIR WELL	16. REQUEST FOR APPROVAL FOR

17. DESCRIBE PROPOSED OR COMPLETED OPERATION including estimated date of starting and proposed completion date (if different from the work).

Land'd 4 holes 6197, 98, 99, 6200, 01, 02, 03, 10, 11, 12, 13, 14, 31, 32, 33, 34, 35, 39, 40, 41, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 86, 87, 88, 89, 90, 97, 98, 99, 6300, 01. Frac'd Gallup 6197'-6301' with Western Mini-max III-30 gel in 135,800 gals 1% KCL and 30,000# 100 mesh sand and 193,760# 20/40 mesh sand. Spearheaded with 2000 gals 15% HCL.

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

DATE	SIGNED

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY