

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
P. O. Box 5540, Denver, Colorado 80217
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 950' FNL & 1775' 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) NO perf, acidize and frac			

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 @ 7193'. Perf'd Dakota @ following depths: 7116', 18, 20, 22, 30, 31, 32, 33, 34, 43, 44, 45, 46, 47, 56, 57, 58, 60, 61, 62, 64, 66, 68, 69, 70, 72, 73, 74, 76, 77, 78, 80, 81, 82' - 35 holes. Frac Dakota perfs 7116'-7182' w/97,000 gals 1% KCL wtr. and 90,000# 20/40 mesh sand.

Spotted 250 gals 15% HCL @ 6290'. Perf'd 4 holes @ 6280'. Mixed 50 sxs Class "B" neat cmt w/75 sxs Class "B" w/.6% Halad-9 and pumped.

Spotted 250 gals 15% HCL @ 6180'. Perf'd 4 holes @ 6170'. Mixed 125 sxs Class "B" w/.6% Halad-9 and pumped.

Spotted 250 gals 15% HCL @ 6000'. Perf'd 4 holes @ 6000'. Mixed 125 sxs Class "B" w/.6% Halad-9 and pumped.

Subsurface Safety Valve: Manu. and Type _____

(OVER) Set @ _____ Ft.

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

SIGNED W. A. Walther Jr. TITLE Operations Manager DATE _____

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

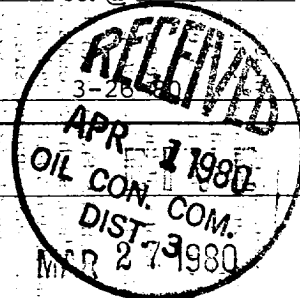
11 '80

*See Instructions on Reverse Side

BY _____

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. 113	
10. FIELD OR WILDCAT NAME W. Lindrith - Gallup/Dakota	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 8-24N-4W	
12. COUNTY OR PARISH Rio Arriba	13. STATE New Mexico
14. API NO. 30-039-22161	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 6705' GR	

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



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

Perf'd Gallup stage 1 as follows: 6179', 81, 83, 85, 87, 88, 89, 91, 92, 93, 95, 96, 6200, 01, 02, 04, 05, 06, 08, 09, 10, 12, 13, 14, 16, 17, 18, 6220, 21, 22, 24, 26, 27, 28, 30, 32, 33, 34' - 38 shots. Treated perfs 6179'-6234' w/1000 gals 15% HCL and 60 ball sealers. Frac'd Gallup perfs 6179'-6234' w/67,000 gals 1% KCL wtr w/25,000# 100 mesh sand and 123,000# 20/40 mesh sand.

Perf'd Gallup stage 2 as follows: 6022', 23, 24, 25, 38, 39, 40, 41, 42, 43, 6058, 59, 60, 61, 67, 68, 69, 70, 71, 80, 81, 6082, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 6100, 01, 02, 03, 08, 09, 10, 11, 12, 6118, 19, 20, 21, 22, 23, 24' - 55 shots. Treated perfs 6022'-6124' w/2000 gals 15% HCL and 80 ball sealers. Frac'd Gallup stage 2 perfs 6022-6124' w/127,800 gals 1% KCL wtr, 50,000# 100 mesh sand and 246,000# 20/40 mesh sand.