

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

Info Copy - NMCC

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a new or reserve.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

|                                                                                                                                                                                                                 |  |                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------|
| 1. OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                            |  | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>14-20-603-734</b>                |
| 2. NAME OF OPERATOR<br><b>Atlantic Richfield Company</b>                                                                                                                                                        |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br><b>Navajo</b>                      |
| 3. ADDRESS OF OPERATOR<br><b>501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80203</b>                                                                                                                 |  | 7. UNIT AGREEMENT NAME<br><b>Horseshoe Gallup Unit</b>                     |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface<br><br><b>Unit "G" - 2605' f/North &amp; 2580' f/East lines Sec. 32</b> |  | 8. FARM OR LEASE NAME<br><b>Horseshoe Gallup Unit</b>                      |
| 14. PERMIT NO. <b>App'd</b><br><b>Mr. McGrath 6/1/74</b>                                                                                                                                                        |  | 9. WELL NO.<br><b>285</b>                                                  |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br><b>5356' GL</b>                                                                                                                                               |  | 10. FIELD AND POOL, OR WILDCAT<br><b>Horseshoe Gallup</b>                  |
|                                                                                                                                                                                                                 |  | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br><b>Sec. 32-31N-16W</b> |
|                                                                                                                                                                                                                 |  | 12. COUNTY OR PARISH<br><b>San Juan</b>                                    |
|                                                                                                                                                                                                                 |  | 13. STATE<br><b>New Mexico</b>                                             |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

|                     |                          |                      |                          |
|---------------------|--------------------------|----------------------|--------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/> | PULL OR ALTER CASING | <input type="checkbox"/> |
| FRACTURE TREAT      | <input type="checkbox"/> | MULTIPLE COMPLETE    | <input type="checkbox"/> |
| SHOOT OR ACIDIZE    | <input type="checkbox"/> | ABANDON*             | <input type="checkbox"/> |
| REPAIR WELL         | <input type="checkbox"/> | CHANGE PLANS         | <input type="checkbox"/> |
| (Other)             | <input type="checkbox"/> |                      | <input type="checkbox"/> |

SUBSEQUENT REPORT OF:

|                           |                                     |                 |                                     |
|---------------------------|-------------------------------------|-----------------|-------------------------------------|
| WATER SHUT-OFF            | <input type="checkbox"/>            | REPAIRING WELL  | <input type="checkbox"/>            |
| FRACTURE TREATMENT        | <input type="checkbox"/>            | ALTERING CASING | <input type="checkbox"/>            |
| SHOOTING OR ACIDIZING     | <input type="checkbox"/>            | ABANDONMENT*    | <input type="checkbox"/>            |
| (Other) <b>Completion</b> | <input checked="" type="checkbox"/> |                 | <input checked="" type="checkbox"/> |

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)\*

Per attached daily report.

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

SIGNED W. A. Walther, Jr.

TITLE Dist. Prod. & Drlg. Supt.

DATE 10/8/74

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

## 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.

# HORSESHOE GALLUP UNIT,, Well #285

8/7- 8/14/74 Wait on completion

8/15/74 1260 PB - Prep to run tbg, pump & rods. MI & RW completion unit. Displ hole w/1% D-600 treated water. Ran GR-correl, collar and CBL logs. Perf'd Gallup 1226-31' (Dens. log meas) w/ 2 jets per foot. SIDON.

8/16/74 1260 PB - Laying flow line. Ran 39 jts 2-7/8" ON EUE tbg w/ seating nipple, bottomed @ 1238'. Ran 2" bore EMAC pump on 47 - 5/8" rods.

8/17/74 1260 PB - Laying flow line

8/18/74 1260 PB - Laying flow line

8/19/74 1260 PB - Laying flow line

8/20/74 1260 PB - Pumping, no ga. Conn'd flow line. On pump 4 pm 8/19/74

8/21/74 1260 PB - Pumped 0 BO & 19 BW in 17 hrs.

8/22/74 1260 PB - Pumped 0 BO & 1 BW in 24 hrs.

8/23/74 1260 PB - Pumped 17 hrs, no fluid.

8/24/74 1260 PB - Pumped 24 hrs, no fluid.

8/25/74 1260 PB - Pumped 24 hrs, no fluid.

8/26/74 1260 PB - Pumped 24 hrs, no fluid.

8/27/74 1260 PB - Pumped 24 hrs, no fluid.

8/28/74 1260 PB - Pumped 24 hrs, no fluid.

8/29/74 1260 PB - Pumped 24 hrs, no fluid. Shot FL, FL 4 jts above pump. Prep to pull

8/30/74 1260 PB - SD, wait on pulling unit

8/31/74 1260 PB - SD, wait on pulling unit

9/1/74 1260 PB - SI to pull f/ pump change

9/2/74 1260 PB - Pumping, no ga. Changed pump. Ran 2-1/2 x 2 x 10' insert pump.

9/3/74 1260 PB - Pumped 8 hrs, pumped off, 0 BO & 16 BW

9/4/74 1260 PB - Pumped 24 hrs, 0 BO & 3 BW

9/5/74 1260 PB - Pumped 4 hrs, 0 BO, 4 BW

9/6/74 1260 PB - Pumped 4 hrs, 0 BO, 4 BW

9/7/74 1260 PB - Pmp 4 hrs, 5 BW

9/8/74 1260 PB - Pmp 24 hrs, 4 BW

9/9/74 1260 PB - Pmp 4 hrs, 0 BO, 4 BW

9/10/74 1260 PB - Pmp 4 hrs, 0 BO, 4 BW

9/11/74 1260 PB - Pmp 4 hrs, 0 BO, 4 BW

9/12/74 1260 PB - Pmp 4 hrs, 0 BO, 4 BW

9/13/74 1260 PB - Pmp 4 hrs, 0 BO, 4 BW

9/14/74 1260 PB - Pmp 4 hrs, 0 BO, 4 BW

9/15/74 1260 PB - Pmp 4 hrs, trace oil, 4 BW

9/16/74 1260 PB - Pmp 4 hrs, trace oil, 4 BW

9/17/74 1260 PB - Pmp 4 hrs, trace oil, 4 BW

9/18/74 1260 PB - Pmp 4 hrs, trace oil, 4 BW. Fl'd rods & tbg. Prep to frac.

9/19/74 1260 PB - Prep run tbg & rods and POP. Add'l'y perf'd Gallup 1231-52' w/ 2 jets/ft. Frac Gallup 1226-52', down casing, w/35,000 gal lse crude w/50,000# 20-40 sand, spearheaded w/ 1500 gal mud acid. Brk fm @ 1150#, Max pr 900#, min 800#, avg 825# @ 20 BPM, ISD 750#, 15 min 700#. Ran temp survey. -920 BLO.

9/20/74 1260 PB - Prep run tbg & rods. Flwd 151 BLO & 82 BW in 20-1/2 hrs. -769 BLO. Last 2 hrs flw 1 BLO & 4 BW per hour.

9/21/74 1260 PB - Flwd 8 hrs, 8 BLO, 34 BW. -761 BLO. CO 17' sand w/ sand pump. Ran tubing, rods and pump. OP 7 p.m. 9/20/74.

9/22/74 1260 PB - Pumping. Pmp 19 BLO, 94 BW in 13 hrs, -742 BO

9/23/74 1260 PB - Pmp 24 hrs, 52 BLO, 156 BW. -690 BLO

9/24/74 1260 PB - Pmp 24 hrs, 65 BLO, 202 BW. -625 BLO. FL 8 jts down. Prep chg pumping unit.

9/25/74 1260 PB - Pmp 24 hrs, 56 BLO, 203 BW -569 BLO

9/26/74 1260 PB - Pmp 24 hrs, 57 BLO, 217 BW -512 BLO

9/27/74 1260 PB - Pmp 24 hrs, 52 BLO, 208 BW. -460 BLO

9/28/74 1260 PB - Pmp 24 hrs, 49 BLO, 213 BW -411 BLO. Installed Lufkin Mark II unit On pump 2 pm 9/27, 16 - 74" SPH, 2" pump

9/29/74 1260 PB - 18 hr test after inst larger P.E., pump 57 BLO, 240 BW, -354 BLO. (24 hr. rate, .76 BO, 321 BW)

9/30/74 1260 PB - Pmp 24 hrs, 68 BLO, 316 BW, -286 BLO

10/1/74 1260 PB - Pmp 24 hrs, 58 BLO, 311 BW, -228 BLO

10/2/74 1260 PB - Pmp 24 hrs, 50 BLO, 312 BW, -178 BLO

10/3/74 1260 PB - Pmp 24 hrs, 49 BLO, 307 BW, -129 BLO

10/4/74 1260 PB - Pmp 24 hrs, 59 BLO, 306 BW, -70 BLO

10/5/74 1260 PB - Pmp 24 hrs, 52 BLO, 296 BW -18 BLO and 24 BNO

10/6/74 1260 PB - Pmp 24 hrs, 18 BLO, 290 BW, All load recovered. 2" pump, 16-74" SPH.

10/7/74 1260 PB - COMPLETED OIL WELL 10/7/74. Pumped 44 bbl oil, 291 bbl water in 24 hrs. f/Gallup perfs 1226-52', 2" pump, 16-74" SPH.

