

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

ARCO Oil & Gas Company, Division of Atlantic Richfield Company

3. ADDRESS OF OPERATOR

1816 E. Mojave Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

660' FSL & 417' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, ST, GR, etc.)

5332'

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-734

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT ASSIGNMENT NAME

Horseshoe Gallup Unit

8. FARM OR LEASE NAME

Horseshoe Gallup

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Horseshoe Gallup

11. SEC., T., R., N., OR S.W. AND  
SUBSET OR AREA

Sec. 32, T-31N, R-16W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other) Convert producer to injector ☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other)

(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.)\*

ARCO Oil & Gas Company respectfully request approval to convert the subject producer to an injector. Attached is the conversion procedure and the current and proposed wellbore configurations. ARCO will convert the subject well upon receiving an approved UIC EPA Permit.

RECEIVED

FEB 15 1989

OIL CON. DIV.  
DIST. 3

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

SIGNED

TITLE

Production Supervisor

DATE

2/2/89

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

FEB 13 1989

\*See Instructions on Reverse Side

AREA MANAGER

**HORSESHOE GALLUP UNIT #1**

**CONVERSION PROCEDURE**

1. MIRU pulling unit.
2. POH w/rods and pump. POH w/tbg.
3. RIH w/cone bit and csg scraper. Clean out to PSTD at 1252'. POH tbg, csg scraper and bit.
4. RIH w/2-3/8" tbg and Baker Mode "AD-1" tension pkr at 1060.
5. Hook up wellhead, flow meters, injection lines, and valves for reading injection pressures.

**HORSESHOE GALLUP UNIT #1**  
**EXISTING WELLBORE (BEFORE CONVERSION)**

Spudded: 09/09/58  
 Completed: 09/24/58

Unit: P S:32 T:31N R:16W  
 660' F/SL 417' F/EL

Surface Casing: 8-5/8", 240, J-55, 4 jts.)  
 Set @ 137.99' w/75 SX Common Cnt.

Casing: 39 jts: 5-1/2" 140 J-55 (1277.83')  
 Set at: 1285.15' w/150 SX Reg. Pozmix

12/13/65

Rods: 48 - 7/8" x 25' w/2-1/2" Huber Scraper  
 2 - 7/8" x 10' Pony  
 1 - 1-1/4" x 16' Polished Rod

12/24/65  
 Tubing: 1214.48'  
 39 jts. 3-1/2 Butt..  
 9.2# J-55, Set at

Pump Plunger: 1-2 3/4" Bore Axite

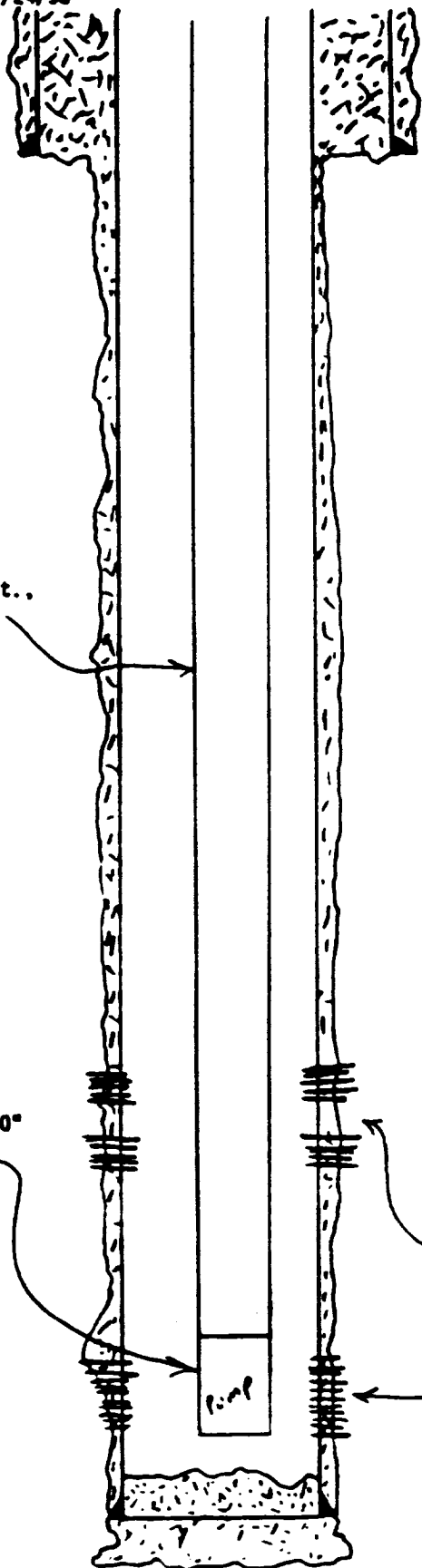
Tubing Pump: 18.60"  
 3-1/2" x 2-3/4"

PBTD: 1252'

TD: 1285'

Upper Gallup Perforations:  
 1091'-1094' } 128 jets  
 1099'-1128' }

Perfs: Lower Gallup: 1192--1233'  
 164 jets



HORSESHOE GALLUP UN. #1

PROPOSED WELLBORE CONFIGURATION

SPUDDED: 9/9/58

COMPLETED: 9/24/58

GL: 5332' KB: 5340'

UNIT: P SEC.: 32 T: 31N R: 16'

LOCATION: 660' FSL & 417' FEL

TUBING: 1214.48'

12/24/65

39 jts.-2 7/8 Tbg.

9.2# J-55 Set @ 1239.08' RKB

SURFACE CASING:

4 jts.-8 5/8", 24# J-55. Set @ 137.99'  
w/75 sx common cmt.

PRODUCTION CASING:

39 jts.-5 1/2" 14# J-55 (1277.83')  
Set @ 1285.15' w/150 sx reg pozmix

PERFORATIONS:

Upper Gallup:  
1091'-1094' w/128 jets  
1099'-1128' w/128 jets

Lower Gallup:  
1192'-1233' w/164 jets

PACKER:

AD-1 Tension Packer  
Set @ 1060'

PBD: 1252'

TD: 1285'

