

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

3. LEASE DESIGNATION AND SERIAL NO.

14-20-603-734

3. IF INDIAN, ADOPTED OR TRIBE NAME

Navajo

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

7. UNIT AGREEMENT NAME
Horseshoe Gallup Unit

2. NAME OF OPERATOR ARCO Oil and Gas Company, Div. of Atlantic Richfield Company

8. FARM OR LEASE NAME
Horseshoe Gallup Unit

3. ADDRESS OF OPERATOR 707-17th Street
P.O. Box 5540, Denver, CO 80217

9. WELL NO. 286

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

10. FIELD AND POOL, OR WILDCAT
Horseshoe Gallup

Unit J, 2540' FSL & 2570' FEL, Sec. 30

11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 30-31N-16W

RECEIVED
DEC 20 1984
BUREAU OF LAND MANAGEMENT

14. PERMIT NO.
API #30-045-21502

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5546' GR

12. COUNTY OR PARISH 13. STATE
San Juan N.M.

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
Other:

PCLL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other) Workover (See Below*)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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.)

* Stimulate present Lower Gallup perfs and additionally complete Upper Gallup Sand

Completed stimulation of present Lower Gallup perfs and additionally completed the Upper Gallup Sand as per our Sundry Notice, and workover procedure dated 11-19-82, and approved by the BLM on 12-14-82. Tested and returned well to production.

(See attached daily workover report for details.)

RECEIVED
JAN 04 1985
OIL CON. DIV.
DIST. 3

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

SIGNED Stephen Rose
S. C. ROSE

TITLE District Prod. Sup't.

ACCEPTED FOR RECORD
DATE Dec. 15, 1984

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE JAN 03 1985
FARMINGTON RESOURCE AREA
BY Jh

*See Instructions on Reverse Side

NMOCC

Lease or Unit	Well no
Horseshoe Gallup Unit, "B"	286

2/15/83

MI RU PU. POOH rods and pump. Found small amount of calcium carbonate scale. POOH 42 jts. 2 7/8" EUE 8R tbg. PU Baker model C-3, size 12B csg. scraper and RIH to 731', could not work deeper, POOH. LD size 12B, PU size 12A scraper & RIH to 1354', could not get deeper. POOH. PU 4 3/4" O.D. bit on end of scraper & RIH. Began drilling at 1354', returns iron sulfide, scale and water w/ some oil. CO to PSTD at 1398'. POOH.

RU welex 4" guns and RIH, perf'd 1360-82' ELM w/ 2 jet SPF. POOH, RD Welex.

RIH w/ tbg. to 1382'. RU Nowsco & spotted 500 gal., 15% HCl w/ 1 gal. Nowsco NA1-161 inhibitor, 1/2 gal. NNE-257 surfactant, 10# N15-546 iron sequesterer. Bull head in- to formation w/ 13 bbls water, 3 bpm 750-850 psi. SFN.

2/16/83

Opened tbg. & csg. bled pressure. Flowed only a few gallons water. RU swab tools & RIH on sand line. Made 16 swab runs, got back approx. 60 bbls acid and water. RD swab tools.

RU Nowsco, pumped 40 bbls water w/ 55 gal. S-271 scale inhib. Displaced into formation w/ 125 bbls water, 3 bpm 950 psi. SI 30 min. Bled pressure.

RU Welex w/ Model G, size 45B R.B.P. & RIH to 729'. ELM could not get deeper. POOH. Called for smaller B.P.'s.

PU Baker model G, size 45A R.B.P. on tbg. & RIH to 1310' and set. POOH to 1290'.

RU Nowsco and tested csg & plug to 1200' psi, held ok. Bled pressure. Spotted 500 gal. 15% HCl w/ 1 gal. Nowsco NA1-161 inhibitor, 1/2 gal. NNE-257 surfactant, 10# NIS-546 iron sequesterer. POOH tbg.

RU welex 4' guns & RIH, perf'd 1246-76' ELM w/ 2 jet SPF. POOH.RD.

RU Nowsco and broke down formation w/ 24 bbls, 2% KCL at rate of 21 bpm, 1200 psi. Maximum pressure 1400 psi. SD pumping. 2 min. ISIP 750 psi.

2/16/83

Frac'ed down 5 1/2" csg w/ 8000 gal. cross-linked 20#/1000 gal. gel and 21,200# 10/20 sand, as per fluid schedule:

<u>BBLs</u>	<u>Prop</u>	<u>Conc</u>	<u>Rate</u>	<u>Press.</u>
48	Pad	--	20.3 bpm	1050 psi
17	10/20	1 ppg	20.3	1010
19	"	2	20.1	950
21	"	3	20.0	950
43	"	4	19.8	940
43	"	5	19.3	930
30	Flush	-	19.7	930

SD pumping. ISIP 750 psi.

After 5 min 700 psi

10 " 670 "
 15 " 660 "

RD Nowsco. SFN.

2/17/83

Opened csg. bled pressure. Flowed few gallons water. PU Baker size 2 7/8" Depck hyd. tbg. bailer & RIH to 1070' tagged sand, CO.O. down to 1300' began sticking tool. POOH, cleaned tool. RIH to 1265'. CO down to 1310' began sticking again, POOH, cleaned tool. RIH 3rd time to 1310', latched, un-set RBP but could not POOH.

Unlatched from RBP & POOH.

RU Welex, ran Gamma Ray tracer survey. POOH RD.

RIH w/ new retrieving head and hyd. bailer, still could not pull RBP. POOH, cleaned tools. RIH to 1120'. SFN. called for hot oil truck in morning.

2/18/83

Opened tbg & csg, bled pressure, flowed few gallons water.

RIH to 1300'. RU MO-TE hot oil & pumped 10 bbls hot water down tbg. Latched and pulled Baker model G, size 45A RBP & POOH. LD RBP and hyd. bailer. RD MO-TE. Ran tbg. as follows:

1 jt. 2 7/8" EUE 8R 6.5 #J-55	30.20
1 S.N. 2 7/8" 8R	1.10
43 jts. 2 7/8" EUE 8 R 6.5 #J-55	1338.80
1 pup jt. 2 7/8" EUE 8R	8.11
	<u>1378.21</u>

2/18/83

RHB to THF	1378.21
	<u>11.50</u>
	1389.71

Ran pump & rods:

- 1 2½ x 2 x 10 RWAC pump
- 39 ¾" rods
- 14 7/8" rods
- 1 7/8" x 4' pony
- 1 1¼ x 16' polish rod w/ liner

Spaced well and resumed pumping. RD PU.

Well back on production, 2/18/83.

Well test 3/13/83: 12 BO, 127 BW, 24 hr. test.

FINAL REPORT