

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

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-734

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Horseshoe Gallup Unit

8. FARM OR LEASE NAME

Horseshoe Gallup Unit

9. WELL NO.

289

10. FIELD AND POOL, OR WILDCAT

Horseshoe Gallup

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 32-31N-16W

12. COUNTY OR PARISH

San Juan

13. STATE

N.M.

14. PERMIT NO.

API#30-045-21925

15. ELEVATIONS (Show whether OF, TO, OR, etc.)

5390' GR

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)

☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐

REPAIRING WELL

☐

FRACTURE TREATMENT

☐

ALTERING CASING

☐

SHOOTING OR ACIDIZING

☐

ABANDONMENT*

☐

(Other)

Workover (see below*)

☒

(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 perms and additionally complete
Upper Gallup Sand

Completed stimulation of present Lower Gallup perms and additionally
completed the Upper Gallup Sand as per our Sundry Notice, and work-
over 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

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

JAN 07 1985

FARMINGTON RESOURCE AREA

BY

*See Instructions on Reverse Side

NMOCC

1042

Lease or Unit	Well no.
Horseshoe Gallup Unit, "B"	289

2/28/83

MI RU PU. POOH rods and pump. Found small amount of calcium carbonate scale on pull rod of pump, but had no difficulty getting pump to scope.

POOH tbg, 40 jts. 2 7/8" 8R. PU 4 3/4" O.D. bit & Baker model C-3, size 12B csg. scraper, RIH to PBTD at 1304'.

RU Newsco & circulated hole. Pumped total of 120 bbls water. Returns mostly water w/ iron sulfide. Got clean returns, Broke circulation, POOH. LD bit & scraper.

RU Welex 4" guns & RIH. Perf'd Lower Gallup f/ 1241-52' w/ 2 jet SPF. RD.

Pumped 40 bbls. water w/ 55 gal. S-271 scale inhib. w/ Newsco unit. Displaced into perfs 1241'-64' w/ 125 bbls. water. Pumped 2-3 bpm at 200 psi, si 30 min. Opened & bled csg, flowed approx. 50 bbls. water.

PU Baker model C, size 45B R.B.P. & RIH on tbg. to 1174' and set. POOH to 1156'. Tested RBP & csg. to 1200 psi, held OK. Spotted 500 gal. 15% HCl, w/ 2 gal. NAI-161 inhib. 1/2 gal. NNE-257 surfactant, 10# NIS-546 iron seq. POOH.

RU Welex 4' guns & RIH. Perf'd Upper Gallup f/ 1100'-46' w/2 jet SPF. POOH, RD.

Displaced acid into perfs. Pumped 14 bbls. water, 4 bpm at 700 psi. SFN.

3/01/83

RU Newsco & broke down formation. Pumped 24 bbls. pre pad 2% KCl water, rate of 22 bpm at 800 psi. SD pumping for 2 min. ISIP 600 psi. Frac'd down 5 1/2" csg. w/ 11,000 gal. cross-linked 20#/1000 gal gel & 30,300 # 10/20 sand. Pumped as per fluid schedule:

BBLS.	PROP.	PROP CONC.	RATE	PRESS.
67	Pad	- -	22.0 bpm	950 psi
19	10/20	1ppg	22.0	940
21	"	2	21.9	950
24	"	3	21.7	1000
31	"	4	20.0-0.5	980-1800

Began to screen out after pumping 30 bbls of 4 ppg stage. Pressured up to 1800 psi, 0.5 bpm. Backsurged twice; pressured back up to 1800 psi both times.

3/01/83

Pumped total of 162 bbls. frac fluid. Pumped 2 bbls. flush at 1800 psi,* After 5 min-350 psi, 10 min-300 psi, 15 min-300 psi.

RD Newsco, will allow gel to break overnight. *SDFN*.

3/02/83

Opened and bled csg., no pressure at surface. PU Baker 3-5/8" Depck hydrostatic tubing bailer & RIH w/ retrieving head. First run, tagged sand at 1070', co to 1130'. Began sticking tools. POOH. LD retrieving head. Second run, tagged sand at 1120', CO to 1145'. Began sticking tools again, sand flowing into csg. POOH. Third run, tagged sand at 1130', CO to 1150', POOH. Fourth run, tagged sand at 1130', CO to 1160'. Fifth run, tagged sand at 1140' CO to 1175'. Bumped RBP at 1174', pushed RBP downhole. Well began flowing, water w/ S-271 scale inhib. POOH.

PU retrieving head on hyd. bailer & RIH. Latched & pulled model C, size 45B RBP. POOH, LD RBP.

RIH w/ hyd. bailer to PBTD at 1304'. CO approx. 2' fill-in. POOH, ld hyd. bailer.

Ran tbq. as follows:

1 jt. 2 7/8" EUE, 8R, 6.5# J-55	30.42
1 S.N. 2 7/8" 8R	1.10
39 jts. 2 7/8" EUE 8R 6.5# J-55	1218.52
1 pup 2 7/8" EUE 8R	<u>8.00</u>
	1258.04
RKB to THF	<u>9.00</u>
	1267.04

Ran rebuilt pump on same rod string:

1 2½ x 2 x 12 RWAC pump
48 7/8" x 25' plain rods
1 pony 7/8" x 6'
1 " " 7/8" x 2'
1 " " 7/8" x 4'
1 P.R. 1½" x 16' w/ liner

Spaced pump & resumed pumping. RD PU.

*1-0.5 bpm .SD pumping. *ISIP 380 psi.*

Well back on production, 3/2/83.

Well test: 4/22/83 : 13 BO, 200 BW, 24 hr. test.

FINAL REPORT.