

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-7106

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo Tract 12

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

So. Waterflow Gallup

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

Sec. 19, T29N, R15W

12. COUNTY OR PARISH 13. STATE

San Juan

N.M.

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 ☒ GAS ☐
WELL WELL OTHER

2. NAME OF OPERATOR

J. Gregory Merrion

3. ADDRESS OF OPERATOR

P.O. Box 507, 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 FNL and 1980 FEL

14. PERMIT NO.

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

5428 ft. G.L.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

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☐
☐
☐

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)

(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.)*

See attached copies of daily reports.



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

SIGNED

J. Gregory Merrion

TITLE

Engineer

DATE

Feb. 8, 1978

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

J. GREGORY MERRION

Water flow
~~Navajo Tract 12 #1~~
Daily Report

- 01-18-78 Pulled 2-3/8" EUE tubing, 135 joints. Rig up McCullough; corrosion log tool inoperative. Dumped 25 gallons sand in hole. SDON.
- 01-19-78 Ran logging tool. Hit plug @ 565 ft. Ran tubing and pushed plug down hole. McCullough ran casing inspection. Hole evident @ 2572 ft. KB. Dumped 35 gallons of sand in the hole. SDON.
- 01-20-78 Ran in with sinker bars. Found PBTD @ 4135 ft. KB. Rig up blowout preventers. Run in with Baker Model "R" packer and retrievable bridge plug. Set bridge plug @ 2719 ft. KB (43.5 stands). Pulled 1 stand. Set Model "R" and Fleet Cementers pressured to 2000 PSIG. Held steady. Released Model "R" packer and spot 10 gallons 20/40 sand on bridge plug. Pulled packer and set @ 2336 ft. KB. Pressured backside to 1000 PSIG. Established circulation through casing hole out Bradenhead @ 2 bbl./min. @ 750 PSIG. Mixed and over displaced 35 sx. batch of 2% CACL₂ Class "G" cement by 4 bbl. SDON.
- 01-21-78 Pressure backside to 1000 PSIG. Establish injection rate @ 1.5 bbl./min @ 1300 PSIG. Mixed 75 sx. of fluid loss controlled Class "G" displaced to 1.5 bbl. below Model "R" packer. Staged @ 15 minute intervals. Final squeeze @ 1000 PSIG. Surface samples setting up. Shut in well.
- 01-23-78 Release Model "R" packer and trip out. Run in with 3-7/8" bit and casing scraper and tagged cement @ 2510 ft. KB. Drilling out.
- 01-24-78 Drilled out squeeze and pressure tested to 1500 PSIG for 5 minutes. Held okay. Tripped out with bit and casing scraper. Ran in with retrieving head and release bridge plug. Tripped out. Rig up bit with scraper and start in hole. SDON.
- 01-25-78 Run bit and tag sand at 4135 ft. KB. Circulated down two joints, circulated hole clean and SDON.
- 01-26-78 Circulated down to 4317 ft. KB. Cleaned up hole. Circulated water out of the hole with lease crude. Trip out with bit & scraper. Rig up Blue Jet and ran in with select fire casing guns. Re-shot Gallup as follows:
4252-56 ft. w/1PF
4243-47 ft. w/1PF
4230-38 ft. w/1PF
4213-20 ft. w/1PF
SDON.
- 01-27-78 Run in with packer. Hot oiled tubing with 50 bbls. oil. Swabbed to clean up perfs.
- 01-28-78 Set packer @ 4185 ft. KB. Swabbing to clean up perfs.

Navajo Tract 12 #1
Daily Report
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- 01-29-78 Rig up Western Company. Acidize with 2000 gallons MR-1 and flushed with lease crude. Used 36 ball sealers. Shut in for one hour. Well on vacuum. Swabbing back 66 bbls. load. Recovered 23 bbls. SDON.
- 01-30-78 Swabbing back acid. Recovered 50 bbls. SDON.
- 01-31-78 Swab well down; fluid level at 2400 ft. from surface. Release packer; run down through perfs then trip out of hole. Change over pipe rams in BOPS. Trip in with packer and 2-7/8" frack string. Set 2-7/8" at 2730 ft. Pressured backside to 1500 PSIG. Fraced well with 470 bbls. gelled oil and 31,000 lbs. 20/40 sand. ISDP 1100 PSIG. Shut in.
- 02-02-78 Shut in.
- 02-03-78 Pull out of hole with 2-7/8" tubing and Model "R" packer. Run in with 2-3/8" production tubing and set seating nipple at 4255' KB. Ran pump and rods and hung on to pump.