

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.

Jicarilla Contr.No.129

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Apache

9. WELL NO.

13

10. FIELD AND POOL, OR WILDCAT

So. Blanco P. C.

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

Sec.13-T24N-R4W

12. COUNTY OR PARISH 13. STATE

Rio Arriba New Mexico

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 ☐ OTHER

2. NAME OF OPERATOR
Manning Gas & Oil Co.

3. ADDRESS OF OPERATOR
1660 Lincoln Street, Suite 2322, Denver, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* 80203
See also space 17 below.)
At surface

1850' FSL, 690' FEL

14. PERMIT NO.

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

6877'GR, 6688'DF, 6889'KB

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

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PULL OR ALTER CASING

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WATER SHUT-OFF

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REPAIRING WELL

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FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

(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.)*

8-14-74 PBSD 3039'

Perforate 2990'-2995' and 3014'-3023' with 2 - 3-1/2", Glasjet per foot.
Sandwater Frac perforations:

Water - 43,950 gallons with 1% KCl and Friction Reducer

Sand - 40,000 pounds 20-40

Flush - 2,500 gallons with Howco Suds

Breakdown Pressure - 3,400 psig

Average Treating Pressure - 1,600 psig

Maximum Treating Pressure - 2,200 psig

Average Injection Rate - 33 BPM

Instantaneous SIP - 700 psig

5 minute SIP - 400 psig

15 minute SIP - 375 psig

Rubber Balls - 10 at 20,000 gallons, 850 psig increase,

5 at 30,000 gallons, 100 psig increase.

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

SIGNED

Ewell N. Walsh, P. E.

(This space for Federal or State office use)

President, Walsh Engineering

& Production Corporation DATE August 16, 1974

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

AUG 19 1974

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.