

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse 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.

12

10. FIELD AND POOL, OR WILDCAT

So. Blanco Pictured Cliff

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

Sec. 13-T24N-R4W

N.M.P.M.

12. COUNTY OR PARISH

Rio Arriba

13. STATE

N.M.

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Manning Gas & Oil Company

3. ADDRESS OF OPERATOR
1660 Lincoln Street, Suite 2322,
Denver, Colorado 80203

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

790' FNL, 1850' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether of H. or C.M.)
6855' GR, 6866' DE, 6867' RI

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

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.)

8-6-73 T. D. 3160', P.B.T.D. 3092'
Ran Gamma Ray Correlation and Collar Log from 2600' to 3088'.
PBT D 3092'. Perforated 3005'-3009', 3013'-3016' and 3035'-
3040' with four Golden Jets per foot (FDC Log).

8-7-73 T. D. 3160', PBT D 3092'
Sandwater Frac perforated interval as follows:

Sand - 40,000 lbs 20-40

Water - 37,500 gals

- Additives - 1% Potassium Chloride, 2½ lbs per
1000 gals. Friction Reducer, 1 gal per 1000
gals. Howco Suds in last 8000 gals.

Flush - 2520 gals.

- Additives 2½ lbs. per 1000 gals. Friction
Reducer, 1 gal. per 1000 gals. Howco Suds.

Hydraulic Horsepower - 1490 HHP

Average Injection Rate - 34 BPM

Pressures:

Breakdown - 2150 psig 5 minute SIP - 525 psig

Average Treating - 1600 psig 10 minute SIP - 475 psig

Maximum Treating - 2000 psig 15 minute SIP - 450 psig

Instantaneous SIP - 650 psig

Dropped 15 rubber balls after 20,000 gals, good ball action, 650 psig increase.

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

For: Manning Gas and Oil Company

Petroleum Engineer

SIGNED

TITLE

Consultant

DATE August 20, 1973

Ewell N. Walsh

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

AUG 20 1973