

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE
(Color illustrations, or to
version 1964)Form 100-1000
Budget Project No. 41-1-1424
3. PLANT DESIGNATION AND SERIAL NO.

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME Jicarilla Apache
2. NAME OF OPERATOR Manning Gas & Oil Company	8. FARM OR LEASE NAME Apache
3. ADDRESS OF OPERATOR 1660 Lincoln Street, Suite 2502, Denver, Colorado 80203	9. WELL NO. 14
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1850' FNL, 1140' FWL	10. FIELD AND POOL, OR WILDCAT So. Blanco Pictured Cliffs
14. PERMIT NO.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3-T24N-R4W
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6850'G1, 6861'DF, 6862'KB	12. COUNTY OR PARISH N.M.P.M. Rio Arriba New Mex.

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.)*

4-13-76 PBTD-3019

Perforated 3071'-76', 3079'-82', 3086'-91' and 3094'-99' with
2-3-1/2" Glass Strip Jets per foot. Sandwater frac as follows:Pad- 5000 gallons water with 1% KCL, 0.5 gal. per 1000 gals.
CLA-STA and 30 lbs. WG-6 per 1000 gals.Water- 40000 gals. with 1% KCL, 0.5 gal. per 1000 gals. CLA-
STA and 31 lbs. WG-6 per 1000 gals.

Sand- 80,000 lbs. 20-40

Flush- 2250 gal. water with 1 gal. per 1000 gals. Howco Suds.

Breakdown Pressure - 3800 psig.

Average Treating Pressure - 1250 psig.

Maximum Treating Pressure - 1325 psig.

Average Injection Rate - 35.0 BPM

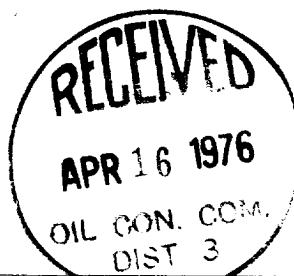
Hydraulic H.P. - 1072 HHP

Instantaneous SIP - 900 psig.

5 minute SIP - 800 psig.

15 minute SIP - 750 psig.

15 minute SIP - 700 psig.



For: Manning Gas & Oil Co.

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

SIGNED

Ewell N. Walsh P. E.

President, Walsh Engineering
& Prod. Corp.

DATE April 14, 1976

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE