

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

BM 6606

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Atlantic A

9. WELL NO.

5 (OUSD)

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

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

SURVEY OR AREA

Sec. 26, T-31-N, R-10-W
N.M.P.M.

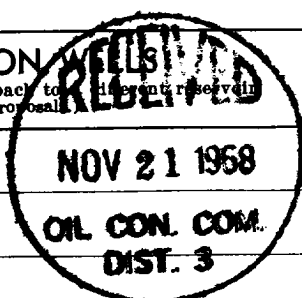
12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

SUNDRY NOTICES AND REPORTS ON

(Do not use this form for proposals to drill or to deepen or plug back to different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

Box 990, Farmington, New Mexico - 87401

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

1650'S, 990'W

14. PERMIT NO.

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

6302' GL

18. 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) Squeeze

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.)*

On 11-10-68 attempted to cut stuck tubing at 4845', cutter did not cut tubing, stuck cutter, pulled out of rope socket, tubing pulled loose at 60,000#. Pulled 170 joints tubing, due to junk in open hole set cement retainer at 4597', tested 7" casing to 1800' G. K. Squeezed open hole w/200 sacks of cement. Perforated (1) one squeeze hole at 7165', set cement retainer at 1700', squeezed 7" annulus thru perf. w/125 sacks cement. W.O.C. 12 hours, drilled cement retainer at 1700', cleaned out to 1795', no cement. Set cement retainer at 1687', re-squeezed w/100 sacks of cement. W.O.C. 12 hours, drilled retainer and tested perf at 1765' w/800# O. K.

On 11-15-68 T.D. 5627', ran 176 joints 4 1/2", 10.5#, J-55 casing (5617') set at 5627' w/125 sacks of cement. W.O.C. 18 hours.

11-16-68 P.B.T.D. 5610', tested casing to 4000# O. K. Spotted 250 gal. 7 1/2% HCL. Perf. 5426-36', 5454-66', 5560-68', 5596-5604' w/16 SPZ. Frac w/24,000# 20/40 sand, 23,750 gal. water. Max. pr. 4000#, BHP 3400#, avg. tr. pr. 3000#. I.R. 29.8 BPM, dropped 2 sets of 16 balls, flushed w/90 bbls. water. ISIP -0-. Set BP @ 5416', tested w/3000# O. K. Perf. 5278-82', 5302-12', 5322-26', 5344-48', 5370-78', 5396-5408' w/16 SPZ. Frac w/65,000# 20/40 sand, 65,520 gal. water. Max. pr. 3200#, BHP 1400#, avg. tr. pr. 2500#. I.R. 46 BPM. Dropped 5 sets of 16 balls, flushed w/86 bbls. water. ISIP -0-. Set bridge plug at 4910', tested w/3500# O. K. Perf. 4754-58', 4802-08', 4820-26', 4844-50', 4886-96' w/16 SPZ, charges 4802-4850' did not explode. Frac w/40,000# 20/40 sand, 40,320 gal. water. Max. pr. 3400#, BHP 2400#, avg. tr. pr. 3000#. I.R. 40 BPM. Dropped 4 sets of 16 balls, flushed w/78 bbls. water. ISIP 500#, 10 Min. -0-.

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

SIGNED Original Signed F. H. WOOD

TITLE Petroleum Engineer

DATE 11-18-68

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

RECEIVED

NOV 20 1968

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

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