

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SP 078386

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Riddle D

9. WELL NO.

4 (ONE)

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

11. SEC. T., R., M., OR B.E. AND
SURVEY OR AREA

Sec. 22, T-31-N, R-9-W

N.M.P.M.

12. COUNTY OR PARISH 13. STATE

Santa Juan

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 WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

Box 990, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)
At surface

990'N, 990'E

14. PERMIT NO.

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

6478' GL

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.)*

On 9-15-66 cut stuck tubing at 5160', pulled 167 joints 2 3/8" tubing, left 548' in open hole. Set cement retainer at 4929', tested 7" casing w/1000# O. K. Squeezed open hole w/350 sacks cement.

On 9-16-66 Perf. 7" casing at 2015', set retainer at 1900', squeezed thru perfs w/125 sacks cement. W.O.C. 12 hours, tested w/1200#. Re-squeezed w/100 sbs. cement. W.O.C. 12 hours, tested w/700# O. K.

On 9-21-66 T. D. 5957', ran 187 joints 4 1/2", 10.5#, J-55 casing (5947') set at 5957' w/120 sbs. cement. W.O.C. 18 hours.

On 9-22-66 Tested casing to 4000#. Perf. Lower Point Lookout 5700-04, 5714-20, 5762-66, 5821-25, 5856-62, 5910-22 w/16 SPZ. Frac w/25,000# 20/40 sand, 22,350 gal. water. Max. pr. 4000#, BDP pump-in, tr. pr. 2000-2250-4500#. I.R. 55 BPM. Dropped 4 sets of 16 balls. Balled off on 4th drop, flushed w/2100 gal. water. Set BP @ 5686', tested w/4000#. Perf. Upper Point Lookout 5583-89, 5596-5602 w/3 SPZ, 5630-42' w/17 shots, 5674-80 w/3 SPZ, Frac w/42,000# 20/40 sand, 49,440 gal. water. Max. pr. 4000#, BDP 1000#, tr. pr. 2000-2600-4000#. I.R. 45 BPM. Dropped 3 sets of 18 balls, flushed w/3810 gal. water. ISIP vacuum. Set BP @ 5225' tested w/4000#. Perf. Cliff House 5160-04, 5189-93, 5202-06, 5213-17' w/4 SPZ. Frac w/30,000# 20/40 sand, 28,500 gal. water, max. pr. 4000#, BDP 2300#, tr. pr. 1800-2600-3400#. I.R. 45 BPM, dropped 3 sets of 16 balls, flushed w/3490 gal. water. ISIP 400#, 5 Min. vacuum.

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

SIGNED

Original Signed F. H. WOOD

TITLE

Petroleum Engineer

DATE

10-3-66

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

*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 7: 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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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WORK