

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.

SF 078596

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Howell C

9. WELL NO.

1 (G.W.O.)

10. FIELD AND POOL, OR WINDCUT

Blanco Mesa Verde

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

Sec. 1, T-29-N, R-8-W

S.M.P.M.

12. COUNTY OR PARISH 13. STATE

San 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 - 87401

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

990'N, 1650'E

14. PERMIT NO.

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

Sp 6083' 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) 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 9-24-67 cut stuck tubing at 4655', pulled tubing, set cement retainer at 4400', tested 7" casing to 1000# O. K. Squeezed open hole w/175 sacks of cement. Perf. 3 squeeze holes in 7" casing at 1965'. Set cement retainer at 1910', squeezed through perfs w/125 sacks of cement. W.O.C. 12 hours, drilled cement, tested perfs w/800# O. K.

On 9-27-67 T. D. 5233', ran 165 joints 4 1/2", 10.5#, J-55 casing (5223') set at 5233' w/110 sacks of cement. W.O.C. 18 hours.

On 9-29-67 P.B.T.D. 5201', tested casing to 4000# O. K. Perf. 5055-67', 5077-83', 5095-5101', 5111-15', 5148-52', 5186-90' w/16 SPZ. Frac w/49,000# 20/40 sand, 53,150 gal. water. Max. pr. 4000#, HRF 3400#, tr. pr. 1600-1750-1900#. I.R. 70 HPM. Dropped 3 sets of 16 balls and 1 set of 32 balls, flushed w/3500 gal. water. ISIP -0-. Set BP @ 4800#, tested w/3000# O. K. Perf. 4599-4607', 4625-33', 4677-83', 4694-4700' w/16 SPZ. Frac w/35,000# 20/40 sand, 35,500 gal. water, max. pr. 4000#, HRF 650#, tr. pr. 2100-2350-3000#. I.R. 54 HPM. Dropped 3 sets of 16 balls each, flushed w/3300 gal. water. ISIP 100#, 5 Min. -0-.

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

SIGNED

Original Signed By:

L. O. Van Ryan

(This space for Federal or State office use)

TITLE

Petroleum Engineer

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:



RECEIVED

OCT 9 1967

*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.