

EL PASO NATURAL GAS COMPANY

DEVIATION REPORT

Name Of Company El Paso Natural Gas Company				Address Box 990, Farmington, New Mexico			
Lease Schwerdtfeger	Well No. 1-X	Unit Letter N	Section 27	Township 31N	Range 9W		
Pool Blanco Mesa Verde				County San Juan			

DEPTH

1392'
1830'
2061'
2646'
3730'
4400'
4770'
5344'

DEVIATION

1/4°
1/2°
1/2°
3/4°
3/4°
3/4°
3/4°
1°



I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer of El Paso Natural Gas Company, am authorized by said Company to make this report; and that this report was prepared by me or under my supervision and directions and that the facts stated therein are true to the best of my knowledge and belief.

F H Wood

Subscribed and sworn to before me this 10th day of November, 1966.

Rosa G. Luis

Notary Public in and for San Juan County, New Mexico

My commission expires October 5, 1968.

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

5. LEASE DESIGNATION AND SERIAL NO.

NM 013685

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Schwerdtfeger

9. WELL NO.

1-X

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

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

Sec. 27, T-31-N, R-9-W

N.M.P.M.

12. COUNTY OR PARISH

San Juan

13. STATE

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

940'S, 1650'W

14. PERMIT NO.

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

6070' 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 10-9-66 Spudded well, drilled surface hole and ran 6 joints 9 5/8", 32.30#, H-40 casing (193') set at 204' w/130 sacks cement circulated to surface. W.O.C. 12 hours. Tested w/600#/30 min. O. K.

On 10-16-66 Total depth 3220'. Ran 101 joints 7", 20#, J-55 casing (3206') set at 3217' w/175 sacks cement. W.O.C. 12 hours. Tested w/2k 1200#/30 min. O. K.

On 10-20-66 total depth 5507'. Ran 74 joints 4 1/2", 10.5#, J-55 liner (2375') set from 3132' to 5507' w/235 sacks cement. W.O.C. 13 hours. Tested w/1500#/30 min. O. K.

On 10-23-66 Perf. Lower Point Lookout 5317-23, 5364-70, 5400-06, 5452-58' w/4 SPZ, frac w/13,000# 20/40 sand, 18,800 gal. water. Max. pr. 3400#, BDP 2300#, tr. pr. 2000-3400#. I.R. 57.5 BPM. Dropped 2 sets of 24 balls each, could not flush, ISIP -0-. Cleaned out sand to 5300' w/bit. Perf. Upper Point Lookout 5150-56, 5201-12, 5234-46, 5282-88' w/24 SPZ. Frac w/20,000# 20/40 sand, 18,160 gallons of water. Max. pr. 3500#, BDP 2400#, tr. pr. 2000-2300-3500#. I.R. 65 BPM. Dropped 1 set of 16 balls, flushed w/7000 gal. water. Set BP @ 4820'. Perf. Cliff House 4667-71, 4688-92, 4716-18, 4731-47, 4758-66, 4776-80' w/16 SPZ, Frac w/27,500# 40/60 sand, 30,210 gal. water. Max. pr. 3500#, BDP 3000#, tr. pr. 1600#-2450#-3500#. I.R. 57 BPM. Dropped 3 sets of 16 balls each. No flush.

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

SIGNED Original Signed F. H. WOOD

TITLE Petroleum Engineer

DATE 11-1-66

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

*See Instructions on Reverse Side



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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