

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(Other instructions on reverse side)

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. NM 0608
2. NAME OF OPERATOR El Paso Natural Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR Box 990, Farmington, New Mexico		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1595'S, 890'W		8. FARM OR LEASE NAME Atlantic
14. PERMIT NO.		9. WELL NO. 4
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6394' DF		10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 25, T-31-N, R-9-W
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.)		12. COUNTY OR PARISH San Juan
		13. STATE New Mexico

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐
FRACTURE TREAT	☒	MULTIPLE COMPLETE	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐
REPAIR WELL	☐	CHANGE PLANS	☐
(Other)	Case & Cement		☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
(Other)			

(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.)

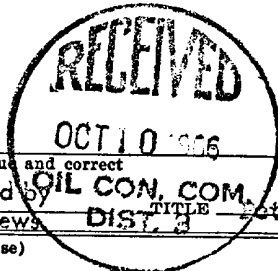
In order to increase production it is intended to workover and restimulate this well in the following manner:

Pull tubing, set a drillable bridge plug near the bottom of the 7" casing and pressure test to 1000 psi.

Isolate and squeeze any leaks found. If leaks occur and are squeezed between 2000' and 2900', no block squeeze of the 7" annulus is planned. If there are no leaks, perforate at approximately 2150' and block squeeze the 7" annulus with a minimum of 100 sacks of cement. Clean out and drill to 5750'. Run a full string of 4 1/2" production casing and sufficient cement to cover the 7" casing shoe.

Selectively perforate and sand water frac the Mesa Verde formation.

In the event the tubing is stuck and has to be cut off in the open hole or the presence of other junk in the open hole make a clean out uneconomical, a drillable cement retainer will be set near the bottom of the 7" casing and the open hole will be squeezed with approximately 250 sacks of cement. A new side-tracked hole will be drilled to approximately 5750', all other operations will be as outlined above.



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

SIGNED Original signed by Carl E. Matthews TITLE Petroleum Engineer

DATE 10-5-66

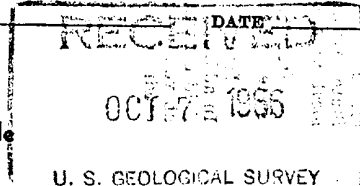
(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY



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 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 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.

DEPARTMENT OF THE INTERIOR (Other instructions on reverse side)
GEOLOGICAL SURVEY

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		5. LEASE DESIGNATION AND SERIAL NO. NM 0608
2. NAME OF OPERATOR El Paso Natural Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR Box 990, Farmington, New Mexico		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1595'S, 890'W		8. FARM OR LEASE NAME Atlantic
14. PERMIT NO.		9. WELL NO. OK
15. ELEVATIONS (Show whether DF, RT, CR, etc.) 6394' DF		10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 25, T-31-N, R-9-W
		12. COUNTY OR PARISH San Juan
		13. STATE New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐	WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREAT ☒	MULTIPLE COMPLETE ☐	FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐	SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
REPAIR WELL ☐	CHANGE PLANS ☐	(Other) ☐	
(Other) Case & Cement ☒		(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.)

In order to increase production it is intended to workover and restimulate this well in the following manner:

Full tubing, set a drillable bridge plug near the bottom of the 7" casing and pressure test to 1000 psi.
Isolate and squeeze any leaks found. If leaks occur and are squeezed between 2000' and 2900', no block squeeze of the 7" annulus is planned. If there are no leaks, perforate at approximately 2150' and block squeeze the 7" annulus with a minimum of 100 sacks of cement. Clean out and drill to 5750'. Run a full string of 4 1/2" production casing and sufficient cement to cover the 7" casing shoe.
Selectively perforate and sand water frac the Mesa Verde formation.
In the event the tubing is stuck and has to be cut off in the open hole or the presence of other junk in the open hole make a clean out uneconomical, a drillable cement retainer will be set near the bottom of the 7" casing and the open hole will be squeezed with approximately 250 sacks of cement. A new side-tracked hole will be drilled to approximately 5750', all other operations will be as outlined above.

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

SIGNED _____ Original signed by Carl E. Matthews TITLE Petroleum Engineer DATE 10-5-66

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY

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.

NM 0608

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Atlantic

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

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

Sec. 25, 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

1595'S, 890'W

14. PERMIT NO.

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

6394' DF

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

Case & Cement

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

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(NOTE: Report results of multiple completion on: Well
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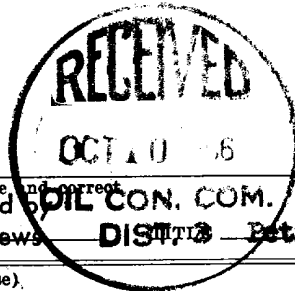
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Original signed by

SIGNED

Carl E. Matthews

DISTRICT

Petroleum Engineer

DATE 10-5-66

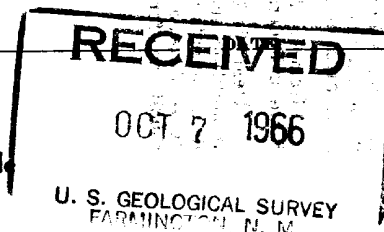
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Instructions

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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.

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