

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**SP 078416-A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**Hardie**

9. WELL NO.

**5 (OHMO)**

10. FIELD AND POOL, OR WILDCAT

**Blanco Mesa Verde**

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

**Sec. 23, T-29-N, R-6-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  
**990'S, 1650'W**

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)

**6418' GL**

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input checked="" type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <b>Case and Comment</b>	<input checked="" type="checkbox"/>

SUBSEQUENT REPORT OF:

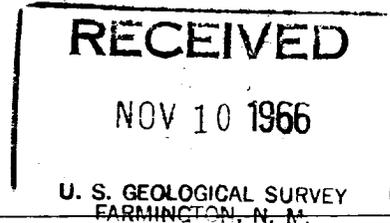
WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) _____	<input type="checkbox"/>

(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 deliverability 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. If leaks occur between 2000' and 2500' the 7" annulus will be squeezed through existing leaks. If there are no leaks, perforate at approximately 2200' and block squeeze the 7" annulus with a minimum of 100 sacks of cement. Clean out and drill to approximately 5550'. Run a full string of 4 1/2" production casing and sufficient cement to cover the 7" casing shoe. Selectively perforate and fracture the Mesa Verde formation. In the event the tubing cannot be pulled and has to be cut off or other junk is in the open holes and makes a clean out uneconomical, a drillable cement retainer will be set near the bottom of the 7" casing and the open hole squeezed with approximately 250 sacks of cement. A new sidetrack hole will be drilled to approximately 5550'. All other operations 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 11-10-66

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side