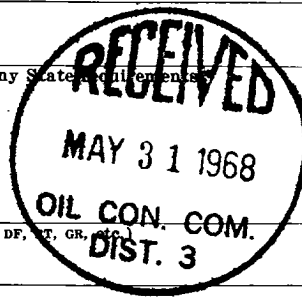


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

## 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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR <b>El Paso Natural Gas Company</b>	8. FARM OR LEASE NAME <b>Hoglofs A</b>
3. ADDRESS OF OPERATOR <b>Box 990, Farmington, New Mexico - 87401</b>	9. WELL NO. <b>4 (OWN)</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface <b>990'S, 990'W</b>	10. FIELD AND POOL, OR WILDCAT <b>Blanco Mesa Verde</b>
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, T, GR, etc.)
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 22, T-29-N, R-8-W N.M.P.M.</b>
	12. COUNTY OR PARISH <b>SAN JUAN</b>
	13. STATE <b>New Mexico</b>



## 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) **Squeezing**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 5-20-68 cut stuck tubing at 4685' leaving a 624' fish in open hole, pulled 149 lbs. of tbg.

On 5-21-68 Set cement retainer at 4502', squeezed open hole w/200 sks. cement. Tested casing w/1000# O. K. Perforated 2 squeeze holes at 2135', set cement retainer at 2067'. Block squeezed 7" annulus w/125 sks. cement. W.O.C. 8 hours. Drilled out retainer and cement, tested perfs w/700#, did not hold. Set cement retainer at 2087', re-squeezed perfs w/50 sks. cement. W.O.C. 8 hours.

5-22-68 Drilled out retainer and cement, tested w/750# O. K. Hole became wet. Set cement retainer at 2045', re-squeezed perfs at 2135' w/50 sks. cement. W.O.C. 8 hours. Drilled out cement and retainer, tested w/700# O. K.

5-26-68 T. D. 5407', ran 166 joints 4 1/2", 10.5#, J-55 casing (5396') set at 5407' w/125 sks. cement. W.O.C. 18 hours.

On 5-27-68 P.B.T.D. 5396'. Tested casing to 4000# O. K. Spotted 500 gal. 7 1/2% HCL. Perf. 5260-64', 5274-78', 5288-92', 5311-19', 5338-42', 5361-65' w/16 SPZ. Press w/50,000# 20/40 sand, 50,730 gal. water. Max. pr. 4000#, BDP 1510#, tr. pr. 1600-2000-2700#. I.R. 52 BPM. Dropped 5 sets of 16 balls each, flushed w/4040 gal. water. ISIP vacuum. Set bridge baffle at 4908', tested w/3000# O. K. Perf. 4649-65', 4701-05', 4717-25', 4778-94' w/16 SPZ. Press w/50,000# 40/60 sand, 51,960 gal. water. Max. pr. 4000#, BDP 2800#, tr. pr. 2200-2400-3500#. I.R. 52 BPM. Dropped 3 sets of 16 balls each, flushed w/4000 gal. water. ISIP 400#, 5 Min. -0-.

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

SIGNED Original Signed F. H. WOOD TITLE Petroleum Engineer DATE May 29, 1968

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

RECEIVED

MAY 29 1968

\*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY