

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on reverse 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 ☐ GAS WELL ☒ OTHER ☐	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR El Paso Natural Gas Company	8. FARM OR LEASE NAME Howell C
3. ADDRESS OF OPERATOR Box 990, Farmington, New Mexico - 87401	9. WELL NO. 1 (U/M)
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	10. FIELD AND POOL OR WILDCAT Blanco Mesa Verde
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6083' GL
	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:

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) **Squeezes** ☒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', 5166-90' w/16 BPZ. Frac w/49,000# 20/40 sand, 53,150 gal. water. Max. pr. 4000#, BHP 3400#, tr. pr. 1600-1750-1900#. I.R. 70 BPM. 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 BPZ. Frac w/35,000# 20/40 sand, 35,500 gal. water, max. pr. 4000#, BHP 650#, tr. pr. 2100-2350-3000#. I.R. 54 BPM. 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

TITLE

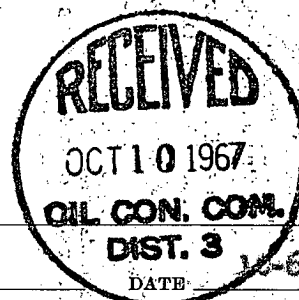
Petroleum Engineer

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE



RECEIVED

OCT 9 1967

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.