

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		5. LEASE DESIGNATION AND SERIAL NO. SP 078416-A
2. NAME OF OPERATOR El Paso Natural Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. 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 990' S, 1650' W		8. FARM OR LEASE NAME Bardie
14. PERMIT NO.		9. WELL NO. 5(ORWO)
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6418' GL		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-8-W N.M.P.M.
		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:

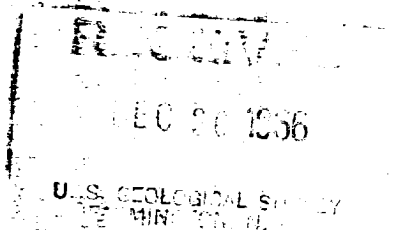
TEST WATER SHUT-OFF ☐PULL OR ALTER CASING ☐FRACTURE TREAT ☐MULTIPLE COMPLETE ☐SHOOT OR ACIDIZE ☐ABANDON* ☐REPAIR WELL ☐CHANGE PLANS ☐(Other) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒REPAIRING WELL ☐FRACTURE TREATMENT ☒ALTERING CASING ☐SHOOTING OR ACIDIZING ☐ABANDONMENT* ☐(Other) ☐**Squeeze**☒(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 12-14-66, could not pull stuck tubing, cut tubing at 4865', left 546' fish in open hole.
12-15-66, set retainer at 4620', tested casing to 1000', O.K. squeezed open hole w/200
sacks cement. Perf 2 squeeze holes at 2200'. Set retainer at 2056'. Squeezed through
perfs w/125 sks. cement.
12-19-66, T.D. 5562'. Ran 172 jts. & 1 1/2", 10.5#, J-55 casing, 5552' set at 5562' w/120 sks
cement. WOC 18 hours.
12-20-66, PROD 5531'. tested casing to 4000', O.K. Perf Point Lookout 5294-5310, 5322-38, 5354
62, 5376-80, 5400-04, 5460-62 w/16 SPZ. Frac w/60,000# 20/40 sand, 60,000 gallon water,
max pr 4000#, BHP 1700#, tr pr 1700-1840-1900#. IR 60 BPM, dropped 5 sets of 16 balls
each, flushed w/3250 gallon water, ISIP 0. Set bridge plug @ 4868' tested w/3500#, O.K.
Perf Cliff House 4716-26, 4746-56 w/2 SPZ, Frac w/20,000# 20/40 sand, 19,790 gallon
water. Max pr 4000#, BHP 1500#, tr pr 2175-2200-2300#. IR 50 BPM. No ball drop, flushed
w/3200 gallon water. ISIP 600#, 5 min. 400#.



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

SIGNED Original SignTITLE Petroleum EngineerDATE Dec. 27, 1966

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side