

DEPARTMENT OF THE INTERIOR (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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. SF 080669	
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 San Juan 27-4 Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1750' S, 850' W		8. FARM OR LEASE NAME San Juan 27-4 Unit	
14. PERMIT NO.		9. WELL NO. 48	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6871' GL		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR ABBA Sec. 20, T-27-N, R-4-W N.M.P.M.	
		12. COUNTY OR PARISH Rio Arriba	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 <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input 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) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input checked="" 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 Recombination Report and Log form.)

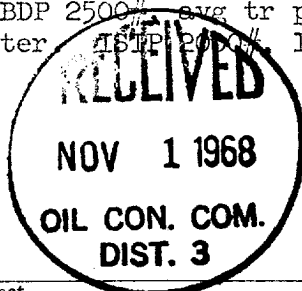
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

10-12-68: Spudded well, drilled surface hole and ran 6 joints 9 5/8", 32.30#, H-40 casing, 193' set at 206' w/158 sks. cement circulated to surface. Waited on cement 12 hrs., tested w/600#/30 minutes, O.K.

10-16-68: T. D. 3934', ran 121 joints 7", 20#, J-55 casing, 3922' set at 3934' with 120 sks. cement. W.O.C. 12 hrs., tested with 800#/30 minutes, O.K.

10-22-68: T.D. 8173', ran 258 joints 4 1/2", 11.6 & 10.5#, J-55 casing, 8163' set at 8173' with 345 sks. cement. W.O.C. 18 hours.

10-23-68: P.B.T.D. 8164', tested casing to 4000#, O.K. Spotted 300 gallon 7 1/2% HCL. Perf 7942-52, 7962-77, 8072-84, 8146-58 w/25 SPZ. Frac with 56,000# 40/60 sand, 56,000 gallon water, max. pr. 4700#, BDP 2500#, avg tr pr. 3500#. I.R. 32 BPM. Dropped 3 sets of 25 balls, flushed w/water 4500#, 10 min. 1800#, 30 min 1400#.



RECEIVED

OCT 31 1968

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

SIGNED

*W. E. H. Hatcher*

TITLE Petroleum Engineer

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

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE