

(May 1963)

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

SE078387

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR El Paso Natural Gas Company		8. FARM OR LEASE NAME Howell D	
3. ADDRESS OF OPERATOR P. O. Box 990, Farmington, NM 87401		9. WELL NO. 4A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1175'S, 1460'E		10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 33, T-31-N, R-8-W N.M.P.M.		12. COUNTY OR PARISH San Juan	
13. STATE New Mexico		14. PERMIT NO.	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6253' GL		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)

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.)*

05-19-75 Tested surface casing; held 600#/30 minutes.

05-25-75 TD 3405'. Ran 84 joints 7", 23#, K-55 intermediate casing, 3394' set at 3405'. Cemented with 334 cu. ft. cement. WOC 12 hours, held 1200#/30 minutes. Top of cement at 1825'.

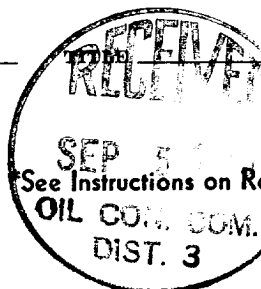
05-29-75 TD 5787'. Ran 58 joints 4 1/2", 10.23# and 10.5#, K-55 casing liner, 2532' set from 3255' to 5787'. Float collar set at 5771'. Cemented with 432 cu. ft. cement. WOC 18 hours.

08-24-75 PBTD 5771'. Tested casing to 4000#, OK. Perf'd 4976', 4985', 4998', 5008', 5042', 5052', 5084', 5098', 5113', 5131', 5141', 5168', 5184' with 1 shot per zone. Frac'd with 76,164#--20/40 sand and 79,170 gallons treated water. No ball drops. Flushed with 3150 gallons water. Perf'd 5352', 5362', 5376', 5408', 5460', 5470', 5486', 5524', 5556', 5592', 5646', 5698' with 1 shot per zone. Frac'd with 80,000#--20/40 sand and 82,992 gallons treated water. No ball drops. Flushed with 7014 gallons water.

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

SIGNED A. G. DuicoTITLE Drilling ClerkDATE September 2, 1975

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
SEP 4 1975

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