

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM 03154

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ballard

9. WELL NO.

12E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC. T. R., N., OR BLOCK AND SURVEY
OR AREA

Sec. 15, T-26-N, R-9-W
NMPM

12. COUNTY OR
PARISH

San Juan

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

P. O. Box 4289, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 860'N 1810'E

At top prod. interval reported below

At total depth

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

6-5-86 6670' 7-18-85 6298' GL 6298'

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

6670' 6649' One Rotary No

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

6380-6533 (Basin Dakota)

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Cyberlook; D Ind. SFL; GR-CL; Litho DCNL; Dual Ind.; Formation DCNL;

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24	224	12 1/4"	177 cu ft	
4 1/2"	10.5	6670	7 7/8"	2171 cu ft	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	6525	

31. PERFORATION RECORD (Interval, size and number) 6380, 6395, 6398, 6405, 6408, 6411, 6414, 6417, 6420, 6449, 6452, 6508, 6511, 6514, 6518, 6521, 6524, 6527, 6530, 6533 w/1 SPZ

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6380-6533	55,000# 40/60 sand&67,860 gals wt

33.* PRODUCTION

DATE FIRST PRODUCTION 7-8-85 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut in

DATE OF TEST 7-18-85 HOURS TESTED 3 Hrs. CHOKE SIZE 3/4" PROD'N. FOR TEST PERIOD OIL—BBL. 0 GAS—MCF. 227 MCF WATER—BBL. 0 GAS-OIL RATIO 0

FLOW. TUBING PRESS. SI 942 CASING PRESSURE SI 1110 CALCULATED 24-HOUR RATE OIL—BBL. 0 GAS—MCF. 1424 WATER—BBL. 0 OIL GRAVITY-API (CORR.) 0

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Shut in, to be Sold

TEST WITNESSED BY

Joe Gilman

35. LIST OF ATTACHMENTS

Cement Record

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

1985

SIGNED

TITLE

Drilling Clerk

FARMINGTON RESOURCE AREA

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMCC

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP VERT. DEPTH
Ojo Alamo	1151	1272	ss. White cr-grn s.	Ojo Alamo	1151	
Kirtland	1272	1725	Gry sh interbedded w/tight gry fine-grn ss.	Kirtland	1272	
Fruitland	1725	1979	Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.	Fruitland	1725	
Pictured Cliffs	1979	2876	Gry, fine-grn tight, varicolored soft ss.	Pictured Cliffs	1979	
La Ventana	2876	3555	Wt to lt buff to med grn sl carb bent sd.	La Ventana	2876	
Mesa Verde	3555	3651	Gry, fine-grn, dense sil ss., carb sh & coal.	Mesa Verde	3555	
Menefee	3651	4399	Gry, fine-grn s, carb sh & coal.	Menefee	3651	
Point Lookout	4399	4629	Gry, very fine sil ss w/frequent sh breaks.	Point Lookout	4399	
Mancos	4629	5456	Gry carb sh.	Mancos	4629	
Gallup	5456	6321	Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh.	Gallup	5456	
Greenhorn	6321	6372	Highly calc gry sh w/thin lmst.	Greenhorn	6321	
Graneros	6372	6502	Dk gry shale, fossil & carb w/prite incl.	Graneros	6372	
Dakota	6502	6670	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks.	Dakota	6502	

CEMENT RECORD
BALLARD 12E
USGS COMPLETION REPORT

- 8 5/8" SURFACE CASING - Cmt'd w/150 class B sks cmt, 1/4# gel-flake/sk, 3% CaCl_2 (177 cu ft)
- 4 1/2" PRODUCTION CSG. - Cmt'd 1st stage w/355 class B sks cmt, 50/50 POZ mix
2% gel, 10% salt, 10% Cal-Seal, 1/4# fine tuf-plug/sk
(487 cu ft)
- Cmt'd 2nd stage w/430 sks class B cmt, 65/35 POZ mix,
6% gel, 2% CaCl_2 (696 cu ft)
- Cmt'd 3rd stage w/610 sks class B cmt, 65/35 POZ mix,
6% gel, 2% CaCl_2 (988 cu ft)