

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ AUG 06 1985

2. NAME OF OPERATOR

E1 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 830'N 950'E

At top prod. interval reported below

At total depth

OIL CON. DIV.
DIST. 3

14. PERMIT NO. 1. RESOURCE AREA

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.

13E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA

Sec. 14, T-26-N, R-9-W
NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE SPUDDED 5-26-85 16. DATE T.D. REACHED 6-5-85 17. DATE COMPL. (Ready to prod.) 7-15-85 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6286' GL 19. ELEV. CASINGHEAD 6286'

20. TOTAL DEPTH, MD & TVD 6660' 21. PLUG, BACK T.D., MD & TVD 6640' 22. IF MULTIPLE COMPL., HOW MANY* One 23. INTERVALS DRILLED BY Rotary 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6392-6519 (Basin Dakota) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Ind.; Formation DCN; Drilling Eng. Quicklook; Cyberlook; Temp Survey 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	228 225	12 1/4"	236 cu ft	
4 1/2"	10.5 & 11.6	6660	7 7/8"	2096 cu ft	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	6519	

31. PERFORATION RECORD (Interval, size and number) 6392, 6394, 6396, 6398, 6400, 6435, 6437, 6491, 6492, 6493, 6495, 6496, 6497, 6498, 6503, 6505, 6507, 6509, 6517, 6519 w/20 SPZ 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 6392-6519 31,000# 40/60 sand&44,050 gals wt

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
7-5-85		Flowing				Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-15-85	3 Hrs.	3/4"		0	462 MCF	0	0
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
SI 1628	SI 1737		0	2696	0	0	

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

Shut in to be Sold

35. LIST OF ATTACHMENTS

Cement Record; Temp Survey

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

SIGNED Regan Dosh TITLE Drilling Clerk DATE 7-31-85

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

Title 18 U.S.C. Section 1001, makes it a crime for any person to 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.

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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1200	1311	ss. White cr-grn s.	Ojo Alamo	1200	
Kirtland	1311	1770	Gry sh interbedded w/tight gry fine-grn ss.	Kirtland	1311	
Fruitland	1770	1993	Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.	Fruitland	1770	
Pictured Cliffs	1993	2865	Gry, fine-grn tight, varicolored soft ss.	Pictured Cliffs	1993	
La Ventana	2865	3548	Wt to lt buff to med grn sl carb bent sd.	La Ventana	2865	
Mesa Verde	3548	3650	Gry, fine-grn, dense sil ss., carb sh & coal.	Mesa Verde	3548	
Menefee	3650	4362	Gry, fine-grn s, carb sh & coal.	Menefee	3650	
Point Lookout	4362	4618	Gry, very fine sil ss w/frequent sh breaks.	Point Lookout	4362	
Mancos	4618	5455	Gry carb sh.	Mancos	4618	
Gallup	5455	6311	Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh.	Gallup	5455	
Greenhorn	6311	6363	Highly calc gry sh w/thin lmst.	Greenhorn	6311	
Graneros	6363	6488	Dk gry shale, fossil & carb w/prite incl.	Graneros	6363	
Dakota	6488	6660	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks.	Dakota	6488	

CEMENT RECORD
BALLARD #13E
USGS COMPLETION LOG

8 5/8" SURFACE CASING - Cmt'd w/200 class B sks cmt, 1/4# F-ocel/sk, 3%
CaCl₂ (236 cu ft)

4 1/2" PRODUCTION CSG. - Cmt'd 1st stage w/360 class B sks cmt, 50/50 POX
mix, 2% gel, 10% salt, 10% Cal-Seal, 1/4# fine tuf-
plug/sk (494 cu ft)

Cmt'd 2nd stage w/376 class B sks cmt, 65/35 POZ mix,
6% gel, 2% CaCl₂)610 cu ft)

Cmt'd 3rd stage w/612 class B sks cmt, 65/35 POZ mix,
6% gel, 2% CaCl₂ (992 cu ft)