

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 ☒ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REPAIR ☐ 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 1090'S 1580'E

At top prod. interval reported below

At total depth

RECEIVED

MAY 02 1986

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

5. LEASE DESIGNATION AND SERIAL NO.

SF 079787

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Huerfano Unit

8. FARM OR LEASE NAME

Huerfano Unit

9. WELL NO.

221E

10. FIELD AND POOL OR WILDCAT

Basin Dakota

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

Sec. 13, T-25-N, R-10-W
NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.)

3-20-86

3-30-86

4-29-86

14. ELEVATIONS (OF. RAB. RT. CR. ETC.)*

6815' GL

19. ELEV. CASINGHEAD

6815'

20. TOTAL DEPTH, MD & TVD

6697'

21. PLUG. BACK T.D., MD & TVD

6671'

22. IF MULTIPLE COMPL. HOW MANY*

One

23. INTERVALS DRILLED BY

ROTARY TOOLS

Rotary

CABLE TOOLS

No

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

6501-6602' (Basin Dakota)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Comp. Density Comp. Neutron Log; Dual Induction Laterolog

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"	24.0#	223'	12 1/4"	177 cu ft	
4 1/2"	10.5&11.6#'s	6697'	7 7/8"	1887 cu ft	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	6614'	

31. PERFORATION RECORD (Intervals, size and number)

Pressure test

csg to 4000# psi-ok. Perf'd 6501, 6513, 6565, 6568, 6571, 6574, 6576, 6578, 6580, 6582, 6584, 6586, 6588, 6590, 6592, 6594, 6596, 6598, 6600, 6602 w/1 SPZ.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6501-6602'	48,000# 40/60 sand & 63,102 gals slickwater

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
4-19-86		Flowing - Capable of Comm. HC to be tested when connected.				Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF	WATER—BBL.	GAS-OIL RATIO
	SI 7 Days	0	→	0	0	0	0
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
SI 1017	SI 1210	→	No Flow	No Flow	No Flow	0	

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

Shut in to be Sold

35. LIST OF ATTACHMENTS

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

SIGNED

TITLE

Drilling Clerk

DATE 5-1-86

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

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Ojo Alamo	1119'	1350'	ss. White cr-grn s.
Kirtland	1350'	1865'	Gry sh interbedded w/tight gry fine-grn ss.
Fruitland	1865'	2016'	Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
Pictured Cliffs	2016'	2900'	Gry, fine-grn tight, varicolored soft ss.
La Ventana	2900'	3552'	Wt to lt buff to med grn sl carb bent sd.
Mesa Verde	3552'	3570'	Gry, fine-grn, dense sll ss., carb sh & coal
Menefee	3570'	4442'	Gry, fine-grn s, carb sh & coal
Point Lookout	4442'	4690'	Gry, very fine sll ss w/frequent sh breaks
Mancos	4690'	5490'	Gry carb sh.
Gallup	5490'	6407'	Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh
Greenhorn	6407'	6460'	Highly calc gry sh w/thin lmst.
Graneros	6460'	6557'	Dk gry shale, fossil & carb w/pyrite incl.
Dakota	6557'	6697'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1119'	
Kirtland	1350'	
Fruitland	1865'	
Pic. Cliffs	2016'	
La Ventana	2900'	
Mesa Verde	3552'	
Menefee	3570'	
Point Lookout	4442'	
Mancos	4690'	
Gallup	5490'	
Greenhorn	6407'	
Graneros	6460'	
Dakota	6557'	