

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. 1004-013
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: DRY WELL ☐ GAS WELL ☒ OIL 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 State requirements)
At surface 1780'S 1590'E

At top prod. interval reported below 6179'

At total depth 6421'

14. PERMIT NO.

RECEIVED
MAR 17 1986
BUREAU OF LAND MANAGEMENT
RECEIVED
MAR 25 1986
OIL CON. DIV.
DIST. 3

5. LEASE DESIGNATION AND SERIAL NO.
SF 077710

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Hardie F

9. WELL NO.
1E

10. FIELD AND POOL OR WILDCAT
Basin Dakota

11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA
Sec. 14, T-29-N, R-12-W
NMPM

12. COUNTY OR PARISH
San Juan

13. STATE
NM

15. DATE SPUDDED 2-2-86 16. DATE T.D. REACHED 2-11-86 17. DATE COMPL. (Ready to prod.) 3-7-86 18. ELEVATIONS (OF R.N.B. RT. GR. ETC.)* 5661' GL 19. ELEV. CASINGHEAD 5661'

20. TOTAL DEPTH, MD & TVD 6421' 21. PLUG BACK T.D., MD & TVD 6362' 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)* 6179 - 6286' (Basin Dakota) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Comp. Densilog Comp. Neutron Gamma Ray; Ind. Electrolog Gamma Ray

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 FILLED
8 5/8"	24.0#	214'	12 1/4"	163 cu ft	
4 1/2"	10.5#	6421'	7 7/8"	2483 cu ft	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	6269'	

31. PERFORATION RECORD (Interval, size and number)

Pressure
test to 4000 psi-ok. Perf'd 6179, 6181,
6183, 6185, 6187, 6206, 6247, 6250, 6253,
6256, 6259, 6262, 6265, 6268, 6271, 6274,
6277, 6280, 6283, 6286 w/20 SPZ.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6179-6286'	55,000# 40/60 sand & 69,900 ga slickwater

33. PRODUCTION

DATE FIRST PRODUCTION 2-23-86 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut in

DATE OF TEST 3-7-86 HOURS TESTED SI 7 Days CHOKE SIZE 0 PRESS. FOR TEST PERIOD OIL—BSL. 0 GAS—MCF 0 WATER—BSL. 0 GAS-OIL RATIO 0

FLOW. TUBING PRESS. SI 354 CASING PRESSURE SI 654 CALCULATED 24-HOUR RATE No Flow OIL—BSL. No Flow GAS—MCF. No Flow WATER—BSL. OIL GRAVITY-API (CORR.) 0

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

Shut in to be Sold

TEST WITNESSED BY
James Choquette

35. LIST OF ATTACHMENTS

ACCEPTED FOR RECORD

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

SIGNED

Peary Deal

TITLE

Drilling Clerk

DATE

3-14-86

*(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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	365'	532'	ss. White cr-grn s.	Ojo Alamo	365'	
Kirtland	532'	1352'	Gry sh interbedded w/tight gry fine-grn ss.	Kirtland	532'	
Fruitland	1352'	1728'	Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.	Fruitland	1352'	
Pictured Cliffs	1728'	2720'	Gry, fine-grn tight, varicolored soft ss.	Pic. Cliffs	1728'	
Chacra	2720'	3268'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	2720'	
Mesa Verde	3268'	3277'	Gry, fine-grn, dense sil ss., carb sh & coal	Mesa Verde	3268'	
Menefee	3277'	4070'	Gry, fine-grn s, carb sh & coal	Menefee	3277'	
Point Lookout	4070'	4078'	Gry, very fine sil ss w/frequent sh breaks	Pt. Lookout	4070'	
Mancos	4078'	5336'	Gry carb sh.	Mancos	4078'	
Gallup	5336'	6079'	Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh	Gallup	5336'	
Greenhorn	6079'	6130'	Highly calc gry sh w/thin lmst.	Greenhorn	6079'	
Graneros	6130'	6245'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	6130'	
Dakota	6245'	6421'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	6245'	

38.

GEOLOGIC MARKERS