

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 *

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐
2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REPAIR ☐ Other ☐

3. NAME OF OPERATOR

El Paso Natural Gas Company

4. ADDRESS OF OPERATOR

P. O. Box 4289, Farmington, NM 87499

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

At surface 840'S 790'E

At top prod. interval reported below 5252'

At total depth 8035'

FEB 10 1986

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

FEB 18 1986
OIL CON. DIV.
DIST. 3

14. PERMIT NO.

DATE 12/1/85

DIST. 3

6. LEASE DESIGNATION AND SERIAL NO.

SF 079491

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

8. UNIT AGREEMENT NAME

San Juan 27-5 Unit

9. FARM OR LEASE NAME

San Juan 27-5 Unit

10. WELL NO.

102M

11. FIELD AND POOL OR WILDCAT

Blanco MV/Basin DK

12. SEC. T. R., M. OR BLOCK AND SURVEY OR AREA

Sec. 12, T-27-N, R-5-W
NMMP

13. COUNTY OR PARISH

Rio Arriba

14. STATE

NM

15. ELEV. CASINGHEAD

6709'

16. DATE SPUDDED

11-23-85

17. DATE T.D. REACHED

12-10-85

18. DATE COMPL. (Ready to prod.)

2-6-86

19. ELEVATIONS (DF, RNB, RT, GR, ETC.)

6709' GL

20. TOTAL DEPTH, MD & TVD

8035'

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

8018'

22. IF MULTIPLE COMPL., HOW MANY?

Two

23. INTERVALS DRILLED BY

Rotary

24. ROTARY TOOLS

CABLE TOOLS

No

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Drilling Eng. Quicklook; Ind. GR; Temp Survey;
CBL w/GR Correlation; Formation Density Comp. NL; Dual Ind. Cyberlook

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
13 3/8"	48.0#	229'	17 1/2"	301 cu ft	
9 5/8"	40.0#	3940'	12 1/4"	607 cu ft	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
7"	3768'	6340'	650 cu ft		1 1/2"	6115' (MV)	6196'
4 1/2"	6214'	8032'	272 cu ft		2 3/8"	7973' (DK)	

30. PERFORATION RECORD (Interval, size and number)

to 4500 psi-ok. Perf'd (DK) 7776, 7779, 7782, 7785, 7788, 7791, 7794, 7797, 7800, 7803, 7806, 7894, 7897, 7900, 7903, 7906, 7945, 7949, 7953, 7971, 7975, 7979, 7983, 7987, 7991 w/1 SPZ (LP) 5937, 5976, 6000, 6015, 6030, 6059, 6085, 6094

Pressure test

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7776-7991'	164,000# 20/40 sand & 106,500 ga 50# gel fluid
5937-6150'	50,000# 20/40 sand & 82,410 gals freshwater

* Continued Perf's listed on back pg 1 PRODUCTION[* Continued #32 on back pg 1]

32. DATE FIRST PRODUCTION 12-27-85 PRODUCTION METHOD Flowing, gas lift, pumping—size and type of pump Flowing WELL STATUS (Producing or shut-in) Shut in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-6-86	SI 7 Days	3/4"		0	240 MCF/D	0	0

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
SI 871	SI 905		0	2038	0	0

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

Shut in to be Sold

TEST WITNESSED BY

Gary Osborne

34. LIST OF ATTACHMENTS

Temp Survey

ACCEPTED FOR RECORD

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

FEB 13 1986

SIGNED *[Signature]*

TITLE Drilling Clerk

DATE 2-6-86

*(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.)

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Chacra	4526'	5250'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4526'	
Mesa Verde	5250'	5379'	Gry, fine-grn, dense sil ss., carb sh & coal	Mesa Verde	5250'	
Menefee	5379'	5765'	Gry, fine-grn s, carb sh & coal	Menefee	5379'	
Point Lookout	5765'	6265'	Gry, very fine sil ss w/frequent sh breaks	Point Lookout	5765'	
Mancos	6265'	8032'	Gry carb sh.	Mancos	6265'	
=====						
* Continued Perf's		(Lower Pt. cont.)	6108, 6126, 6150 w/1 SPZ. 3rd stage (Mass Pt.)	5768, 5771, 5774, 5791, 5794, 5805, 5810, 5813, 5816, 5831, 5834, 5837, 5849, 5852, 5855, 5874, 5891, 5899 w/1 SPZ. Perf'd 4th stage (C.H. & Menefee)	5252, 5265, 5278, 5313, 5338, 5343, 5364, 5368, 5384, 5435, 5508, 5526, 5562, 5676, 5681, 5686, 5691, 5705, 5712 w/1 SPZ.	
** Continued #32:		5768-5899' 5252-5712'	30,000# 20/40 sand & 89,860 gals freshwater 51,000# 20/40 sand & 130,790 gals freshwater			