

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. DENVR ☐ Other ☐

RECEIVED

2. NAME OF OPERATOR

E1 Paso Natural Gas Company

FEB 10 1986

3. ADDRESS OF OPERATOR

P. O. Box 4289, Farmington, NM 87499

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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

At surface 840'S 790'E

At top prod. interval reported below 7776'

At total depth 8035'

FEB 18 1986

14. PERMIT NO. DATE ISSUED

DIV 3

7. UNIT AGREEMENT NAME

San Juan 27-5 Unit

8. FARM OR LEASE NAME

San Juan 27-5 Unit

9. WELL NO.

102M

10. FIELD AND POOL OR WILDCAT

Blanco MV/Basin DK

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

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

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

15. DATE SPUDDED 11-23-85 16. DATE T.D. REACHED 12-10-85 17. DATE COMPL. (Ready to prod.) 1-30-86 18. ELEVATIONS (OF. RNB. RT. GB. ETC.) 6709' GL 19. ELEV. CASINGHEAD 6709'

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 Tools Rotary Cable Tools No

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7776-7991' (Basin Dakota) 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 COBED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
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)	BACKS 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)	

31. PERFORATION RECORD (Interval, size and number) Pressure test 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

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

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

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

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 1-30-86 HOURS TESTED SI 7 Days CHOKE SIZE 3/4" PROD'N. FOR TEST PERIOD OIL—BSL. 0 GAS—MCF. 372 MCF/D WATER—BSL. 0 GAS-OIL RATIO 0

FLOW. TUBING PRESS. SI 2184 CASING PRESSURE SI -0- CALCULATED 24-HOUR RATE OIL—BSL. 0 GAS—MCF. 1865 WATER—BSL. 0 OIL GRAVITY-API (CORR.) 0

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

Shut in to be Sold

TEST WITNESSED BY

Gary Osborne

35. LIST OF ATTACHMENTS

Temp Survey

ACCEPTED FOR RECORD

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

SIGNED [Signature]

TITLE Drilling Clerk

DATE 2-6-86

FARMINGTON RESOURCE AREA

*(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.	38. GEOLOGIC MARKERS		
				NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Chacara	4526'	5250'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacara	4526'	
Mesa Verde	5250'	5379'	Gry, fine-grn, dense sll 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 sll ss w/frequent sh breaks	Point Lookout	5765'	
Mancos	6265'	8032'	Gry carb sh.	Mancos	6265'	
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* Continued Perf's		(Lower Pt. cont.) 6108, 6126, 6150 w/1 SPZ. 3rd stage (Mass Pt.) 5768, 5771, 5774, 5777, 5788, 5791, 5794, 5805, 5810, 5813, 5816, 5831, 5834, 5837, 5849, 5858, 5871, 5874, 5891, 5899 w/1 SPZ. Perf'd 4th stage (C.H. & Menefee) 5278, 5313, 5319, 5333, 5338, 5343, 5364, 5368, 5384, 5435, 5508, 5526, 5681, 5686, 5691, 5696, 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			