

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions 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. RESER. ☐ 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 1420'N 1190'W

At top prod. interval reported below 4896'

At total depth 7673'

FEB 12 1986

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA
RECEIVED

FEB 20 1986

OIL CON. DIV.

14. PERMIT NO. DIST. 3

5. LEASE DESIGNATION AND SERIAL NO.
SF 079392

6. INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
San Juan 27-5 Unit

8. FARM OR LEASE NAME
San Juan 27-5 Unit

9. WELL NO.
139M

10. FIELD AND POOL, OR WILDCAT
Blanco MV/Basin DK /

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 20, T-27-N, R-5-W
NMPM

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

15. DATE SPUDDED 11-11-85 16. DATE T.D. REACHED 11-23-85 17. DATE COMPL. (Ready to prod.) 1-28-86 18. ELEVATIONS (DP, RNB, RT, GR, ETC.)* 6471' GL 19. ELEV. CASINGHEAD 6471'

20. TOTAL DEPTH, MD & TVD 7673' 21. PLUG BACK T.D., MD & TVD 7659' 22. IF MULTIPLE COMPL., HOW MANY* Two 23. INTERVALS DRILLED BY Rotary 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7440-7631' (Basin Dakota) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Ind.; Temp Survey; Temp. Tool; Dual Ind. GR; Formation Density-Epithermal NL; CBL-GR-CCL 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
13 3/8"	54.5#	214'	17 1/2"	307 cu ft	
9 5/8"	40.0#	3570'	12 1/2"	635 cu ft	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
7"	3402'	6015'	658 cu ft		2 3/8"	7619' (DK)	5921'
4 1/2"	5918'	7670'	270 cu ft		1 1/2"	5892' (MV)	

31. PERFORATION RECORD (Interval, size and number) Pressure test to 4500 psi-ok. Perf'd (DK) 7440, 7444, 7448, 7452, 7540, 7542, 7545, 7548, 7551, 7554, 7581, 7593, 7596, 7600, 7603, 7616, 7619, 7623, 7627, 7631 w/20 SPZ. 2nd stage press test to 4000 psi-ok. Perf'd (Lower Pt.)
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
7440-7631' 132,000# 20/40 sand & 96,000 gal 50# gel fluid
5609-5900' 68,000# 20/40 sand & 97,990 gals freshwater

* Continued Perf's listed on back pg. 1 PRODUCTION** Continued #32 on back page 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 1-28-86 HOURS TESTED SI 7 Days CHOKER SIZE 3/4" PROD'N. FOR TEST PERIOD 0 OIL—BBL. 326 MCF/D GAS—MCF. 0 WATER—BBL. 0 GAS-OIL RATIO 0
FLOW. TUBING PRESS. SI 1887 CASING PRESSURE SI -0- CALCULATED 24-HOUR RATE 0 OIL—BBL. 1921 GAS—MCF. 0 WATER—BBL. 0 OIL GRAVITY-API (CORR.) 0

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut in to be Sold

35. LIST OF ATTACHMENTS
Temp Survey

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

SIGNED [Signature] TITLE Drilling Clerk BY [Signature] DATE 12-2-86

*(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 recovery):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Chacra	4214'	4889'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4214'	
Mesa Verde	4889'	5030'	Gry, fine-grn, dense sll ss., carb sh & coal	Mesa Verde	4889'	
Menefee	5030'	5415'	Gry, fine-grn s, carb sh & coal	Menefee	5030'	
Point Lookout	5415'	5915'	Gry, very fine sll ss w/frequent sh breaks	Pt. Lookout	5415'	
Mancos	5915'	6375'	Gry carb sh.	Mancos	5915'	
Gallup	6375'	7332'	Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh	Gallup	6375'	
Greenhorn	7332'	7392'	Highly calc gry sh w/thin lmst.	Greenhorn	7332'	
Graneros	7392'	7513'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7392'	
Dakota	7513'	7670'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale	Dakota	7513'	
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* Continued	Perf's:	5609, 5640, 5643, 5661, 5702, 5709, 5716, 5724, 5740, 5757, 5900 w/16 SPZ. 3rd stage press test to 4000 psi-ok. Perf'd (Mass. Pt) 5426, 5430, 5434, 5438, 5442, 5457, 5464, 5467, 5494, 5496, 5498, 5501, 5502, 5537, 5547 w/20 SPZ. 4th stage press test to 4000 psi-ok. 4913, 4916, 4938, 4943, 4948, 4960, 4971, 4988, 4996, 5002,	5764, 5814, 5825, 5848, 5860, 5904, 5510, 5512, 5515, 5518, Perf'd (C.H.) 4896, 4908, 4912, 5007, 5012, 5017, 5022 w/17 SPZ.			
** Continued	#32:	5426-5547' 40,000# 20/40 sand & 62,880 gals freshwater 4896-5022' 40,000# 20/40 sand & 92,620 gals freshwater				