

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

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 ☐ DEEP RESEAL ☐ 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 FARMINGTON RESOURCE AREA
At surface 1000'N, 1000'W
At top prod. interval reported below
At total depth

14. PERMIT NO. _____ DATE INSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
SF 079367

7. UNIT AGREEMENT NAME
San Juan 27-5 Unit

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

9. WELL NO.
97M

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

11. SEC. T. R. M. OR BLOCK AND SURVEY
OR AREA
Sec. 31, T-27-N, R-5-W
NMMPM

12. COUNTY OR
PARISH
Rio Arriba

13. STATE
NM

15. DATE SPUNDED 9-26-85 16. DATE T.D. REACHED 10-9-85 17. DATE COMPL. (Ready to prod.) 1-23-86 18. ELEVATIONS (OF. R.N.B. RT. GR. ETC.) * 6596' GL 19. ELEV. CASINGHEAD 6596'

20. TOTAL DEPTH, MD & TVD 7689' 21. PLUG, BACK T.D., MD & TVD 7681' 22. IF MULTIPLE COMPL., HOW MANY? Two 23. INTERVALS DRILLED BY Rotary 24. ROTARY TOOLS No 25. CABLE TOOLS No

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) *
7458.-7666' (Basin Dakota)

26. TYPE ELECTRIC AND OTHER LOGS RUN
Temp Survey;
Gamma-Ray Correlation Log; Comp. Density Sidewall NL; Ind. Gamma-Ray Log

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"	48.0#	210'	17 1/2"	295 cu ft	
9 5/8"	40.0#	3550'	12 1/4"	660 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"	3395'	6066'	675 cu ft		1 1/2"	5821'	
4 1/2"	5920'	7689'	269 cu ft		2 3/8"	7647'	5880'

31. PERFORATION RECORD (Interval, size and number)
Pressure test to 4500 psi-ok. Perf'd 7458, 7466, 7474, 7523, 7556, 7560, 7564, 7568, 7571, 7574, 7606, 7610, 7614, 7618, 7622, 7636, 7641, 7656, 7661, 7666 w/1 SPZ. 2nd stage press. test to 4500 psi-ok. Perf'd 5703, 5723,
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
7458-7666'/178,000#20/40 sand&139,000 gal slickwt
5703-5835'/39,000#20/40sand & 65,850 gal freshwtr
1st set 5436-5492' 2nd set 5503-5642'/116,000# 20/4 sand&149,900 gals freshwater

* Continued Perf's Listed on Back Pg. 1 PRODUCTION 4895-4984'/70,000#20/40sand&80,800gal freshw

DATE FIRST PRODUCTION 11-6-86 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut in

DATE OF TEST 1-23-86 HOURS TESTED SI 7 Days CHOKER SIZE 3/4" PROD'N. FOR TEST PERIOD 0 OIL—BBL. 0 GAS—MCF 313 MCF/D WATER—BBL. 0 GAS-OIL RATIO 0
FLOW. TUBING PRESS. SI 2020 CASING PRESSURE SI -0- CALCULATED 24-HOUR RATE 0 OIL—BBL. 0 GAS—MCF 2001 WATER—BBL. 0 OIL GRAVITY-API (CORR.) 0

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut in to be Sold TEST WITNESSED BY Ernie Minert

35. LIST OF ATTACHMENTS
Temp Survey

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED David L. Lawrence TITLE Drilling Clerk DATE 1-31-86
FARMINGTON RESOURCE AREA

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

38. GENOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Chacra	4334'	4879'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4334'	
				Mesa Verde	4879'	
				Manefee	4996'	
Mesa Verde	4879'	4996'	Gry, fine-grn, dense sll ss., carb sh & coal	Pt. Lookout	5432'	
				Mancos	5932'	
Manefee	4996'	5432'	Gry, fine-grn s, carb sh & coal	Gallup	6465'	
Point Lookout	5432'	5932'	Gry, very fine sll ss w/frequent sh breaks	Greenhorn	7349'	
				Graneros	7404'	
Mancos	5932'	6465'	Gry carb sh.	Dakota	7551'	
Gallup	6465'	7349'	Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh			
Greenhorn	7349'	7404'	Highly calc gry sh w/thin lmst.			
Graneros	7404'	7551'	Dk gry shale, fossil & carb w/pyrite incl.			
Dakota	7551'	7689'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks			
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* Continued Perf's:						
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5743, 5773, 5486, 5492, SPZ. Pressure tested to 3700 psi-ok. 3rd stage 1st set, 5436, 5441, 5446, 5451, 5456, 5461, 5466, 5471, 5476, 5481, 5490, 4946, 4956, 4961, 4966, 4971, 4984 w/1 SPZ.	5792, 5815, 5835, w/1 SPZ. 3rd stage 1st set, 5436, 5441, 5446, 5451, 5456, 5461, 5466, 5471, 5476, 5481, 5486, 5492. Pressure tested to 3700 psi-ok. 3rd stage 2nd set 5503, 5508, 5513, 5525, 5558, 5591, 5602, 5625, 5642 w/1 SPZ. Pressure tested to 3700 psi-ok. 4th stage pressure test to 4000 psi-ok.					