

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 _____

1b. TYPE OF COMPLETION:
NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. DESAL. OTHER _____

RECEIVED

JAN 22 1986

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 state requirements)
At surface 1840'N 815'W
At top prod. interval reported below
At total depth _____

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
SF 079250

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME
San Juan 28-5 Unit

8. FARM OR LEASE NAME
San Juan 28-5 Unit

9. WELL NO.
88M

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

11. SEC. T. R. M., OR BLOCK AND SUBVEY OR AREA
Sec. 15, T-28-N, R-5-N
NMPM

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

15. DATE SPUNDED 11-9-85 16. DATE T.D. REACHED 11-21-85 17. DATE COMPL. (Ready to prod.) 1-16-86 18. ELEVATIONS (DP, RNB, RT, GR, ETC.)* 6667' GL 19. ELEV. CASINGHEAD 6667'

20. TOTAL DEPTH, MD & TVD 8059' 21. PLUG. BACK T.D., MD & TVD 8051' 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)*
5389-6176' (Blanco Mesa Verde)

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
CBL w/GR Correlation; Temp. Log; Ind. Electrical Log; Temp Survey; Comp. Density Sidewall Neutron Log; Comp. Density Comp. Neutron 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#	218'	17 1/2"	289 cu ft	
9 5/8"	40.0#	3968'	12 1/4"	631 cu ft	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
7"	3813'	6368'	359 cu ft		1 1/2"	6151' (MV)	6212'
4 1/2"	6260'	8059'	278 cu ft		2 3/8"	8026' (DK)	

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7860-8051'	75,000# 20/40 sand & 62,500 gal 50# gel fluid
6010-6176'	38,000# 20/40 sand & 70,750 gal fresh water

to 4500 psi-ok. Perf'd (DK) 7860, 7916, 7928, 7931, 7934, 7937, 7940, 7943, 7946, 7988, 7991, 8006, 8009, 8012, 8015, 8034, 8037, 8046, 8049, 8051 w/1 SPZ. 2nd stage press test to 4000 psi ok. Perf'd (Lower Pt.) 6010, 6023, 6035, 6051,

* Continued Perf's listed on back pg. 1 ** Continued Depth Intervals listed on back pg. 1

DATE FIRST PRODUCTION 12-14-85 PRODUCTION METHOD (Flowing, gas lift, pumping)—size and type of pump Flowing WELL STATUS (Producing or shut-in) Shut in

DATE OF TEST 1-16-86 HOURS TESTED SI 14 Days CHOKER SIZE 3/4" PROD'Y FOR TEST PERIOD 0 OIL—BBL. 0 GAS—MCF 249 MCF/D WATER—BBL. 0 GAS-OIL RATIO 0

FLOW. TUBING PRESS. SI 788 CASING PRESSURE SI 942 CALCULATED 24-HOUR RATE 0 OIL—BBL. 0 GAS—MCF. 2019 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 Norman Waggoner

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 _____ TITLE Drilling Clerk DATE 1-20-86

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; coring 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	DEPTH	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2985'	3058'	ss. White cr-grn s.	Ojo Alamo	2985'	
Kirtland	3058'	3340'	Gry sh interbedded w/tight gry fine-grn ss.	Kirtland	3058'	
Fruitland	3340'	3610'	Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.	Fruitland	3340'	
Pictured Cliffs	3610'	4584'	Gry, fine-grn tight, varicolored soft ss.	Pic. Cliffs	3610'	
Chacra	4584'	5384'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4584'	
Mesa Verde	5384'	5459'	Gry, fine-grn, dense sll ss., carb sh & coal	Mesa Verde	5384'	
Menefee	5459'	5780'	Gry, fine-grn s, carb sh & coal	Pt. Lookout	5780'	
Point Lookout	5780'	6280'	Gry, very fine sll ss w/frequent sh breaks	Mancos	6280'	
Mancos	6280'	6802'	Gry carb sh.	Greenhorn	7737'	
Gallup	6802'	7737'	Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh	Graneros	7793'	
Greenhorn	7737'	7793'	Highly calc gry sh w/thin lmst.	Dakota	7911'	
Graneros	7793'	7911'	Dk gry shale, fossil & carb w/pyrite incl.			
Dakota	7911'	8059'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks			
* Continued Perf's:			6073, 6078, 6083, 6163, 6166, 6176 w/1 SPZ. 3rd stage press test to 4500 psi-ok. Perf'd (Mass. Pt)			
5786, 5789, 5792, 5801, 5809, 5817, 5820, 5823, 5839, 5842, 5845, 5848, 5870, 5892, 5900, 5904, 5912, 5921, 5940, w/1 SPZ. 4th stage press test to 4500 psi-ok. Perf'd 5389, 5399, 5416, 5430, 5439, 5444, 5449, 5454, 5489, 5516, 5542, 5661, 5666, 5671, 5685, 5690 w/1 SPZ. (C.H. & Menefee)						
** Continued Depth Intervals:			5786-5940' 33,500# 20/40 sand & 97,300 gal freshwater. 5389-5690' 37,500# 20/40 sand & 97,030 gal freshwater.			

38. GEOLOGIC MARKERS