

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 ☐ DEEPEN ☐ 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 any State requirements)
At surface 790'S 1525'W

At top prod. interval reported below

At total depth

RECEIVED

FEB 03 1986

RECEIVED

FEB 12 1986

OIL CON. DIV.

14. PERMIT NO. DIST. 3 DATE ISSUED

6. LEASE DESIGNATION AND SERIAL NO.

SF 079392

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.

165M

11. FIELD AND POOL, OR WILDCAT

Blanco MV/Basin DK/

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

Sec. 29, T-27-N, R-5-W
NMMPM

13. COUNTY OR PARISH

Rio Arriba

14. STATE

NM

15. DATE SPUDDED 10-27-85 16. DATE T.D. REACHED 11-11-85 17. DATE COMPL. (Ready to prod.) 1-23-86 18. ELEVATIONS (DF, RNB, RT, GR, ETC.)* 6544' GL 19. ELEV. CASINGHEAD 6544'

20. TOTAL DEPTH, MD & TVD 7725' 21. PLUG BACK T.D., MD & TVD 7717' 22. IF MULTIPLE COMPL., HOW MANY* Two 23. INTERVALS DRILLED BY Rotary 24. ROTARY TOOLS No 25. CABLE TOOLS No

26. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7499-7703' (Basin Dakota) 27. WAS WELL CORED No

28. TYPE ELECTRIC AND OTHER LOGS RUN CBL-GR-CCL; Temp.; Comp. Density NL; Temp Survey; Comp. Density Comp. Neutron Log; Ind. Elec. Log; Differential Temp.

29. 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"	40.0#	219'	17 1/2"	304 cu ft	
9 5/8"	40.0#	3596'	12 1/4"	635 cu ft	

LINER RECORD				TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
7"	3472'	6070'	663 cu ft		1 1/2"	5865' (MV)
4 1/2"	5965'	7725'	276 cu ft		2 3/8"	7672' (DK)

30. PERFORATION RECORD (Interval, size and number) Pressure

test to 4500 psi-ok. Perf'd (DK) 7499, 7501, 7503, 7505, 7507, 7510, 7600, 7603, 7606, 7610, 7613, 7616, 7644, 7654, 7657, 7660, 7664, 7667, 7670, 7683, 7687, 7691, 7695, 7699, 7703 w/1 SPZ. 2nd stage (Lower Pt.) press test to 4000

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7499-7703'	170,000# 20/40 sand & 123,200 ga 50# gel fluid
5737-5916'	54,000# 20/40 sand & 83,190 gals fresh water

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

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12-3-85		Flowing				Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-23-86	SI 7 Days	3/4"	→	0	408 MCF/D	0	0
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
SI 2152	SI -0-	→	0	2644	0	0	

32. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut in to be Sold TEST WITNESSED BY Harold Cloger

33. LIST OF ATTACHMENTS Temp Survey ACCEPTED FOR RECORD

34. 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 1-27-86

*(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):

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 all recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TOP		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2670'	2820'	ss. White cr-grn s.	Ojo Alamo	2670'	
Kirtland	2820'	3020'	Gry sh interbedded w/tight gry fine-grn ss.	Kirtland	2820'	
Fruitland	3020'	3292'	Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.	Fruitland	3020'	
Pictured Cliffs	3292'	4248'	Gry, fine-grn tight, varicolored soft ss.	Pic. Cliffs	3292'	
Chacra	4248'	4910'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4248'	
Mesa Verde	4910'	5054'	Gry, fine-grn, dense sll ss., carb sh & coal	Mesa Verde	4910'	
Menefee	5054'	5462'	Gry, fine-grn s, carb sh & coal	Menefee	5054'	
Point Lookout	5462'	5962'	Gry, very fine sll ss w/frequent sh breaks	Pt. Lookout	5462'	
Mancos	5962'	6425'	Gry carb sh.	Mancos	5962'	
Gallup	6425'	7397'	Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh	Gallup	6425'	
Greenhorn	7397'	7444'	Highly calc gry sh w/thin lmst.	Greenhorn	7397'	
Graneros	7444'	7565'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7444'	
Dakota	7565'	7725'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	7565'	
* Continued Perf's:						
psi-ok. Perf'd 5737, 5745, 5753, 5768, 5789, 5799, 5808, 5838, 5881, 5902, 5916 w/1 SPZ.						
3rd stage (Mass. Pt) press test to 4000 psi-ok. Perf'd 5459, 5464, 5469, 5474, 5479, 5484, 5493, 5497, 5502, 5507, 5512, 5537, 5541, 5546, 5551, 5556, 5578, 5589, 5594, 5610, 5626, 5630, 5650 w/1 SPZ. 4th stage (C.H.) press test to 4000 psi-ok. Perf'd 4914, 4918, 4927, 4931, 4946, 4951, 4973, 4978, 4983, 4988, 5001, 5007, 5016, 5021, 5026, 5031, 5050, 5054 w/1 SPZ.						
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** Continued #32 from front pg. 1:						
5459-5650' Frac'd w/111,000# 20/40 sand & 137,180 gals fresh water.						
4914-5054' Frac'd w/87,000# 20/40 sand & 115,660 gals fresh water.						
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