

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. 100-0137
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 ☐ DEEP-EN ☐ 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

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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 TRIBAL 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
NMPM

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.) 1-30-86 18. ELEVATIONS (DP, RNB, RT, GB, 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. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4914-5916' (Blanco Mesa Verde) 26. WAS DIRECTIONAL SURVEY MADE No

27. 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. 28. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT FILLED
13 3/8"	40.0#	219'	17 1/2"	304 cu ft	
9 5/8"	40.0#	3596'	12 1/4"	635 cu ft	

30. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
7"	3472'	6070'	663 cu ft		1 1/2"	5865' (MV)	5940'
4 1/2"	5965'	7725'	276 cu ft		2 3/8"	7672' (DK)	

31. 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

32. 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 12-3-85 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 CHOKER SIZE 3/4" PROD'N. FOR TEST PERIOD 0 OIL—BBL. 230 MCF/D GAS—MCF. 0 WATER—BBL. 0 GAS-OIL RATIO 0

FLOW. TUBING PRESS. SI 253 CASING PRESSURE SI 873 CALCULATED 24-HOUR RATE 0 OIL—BBL. 1841 GAS—MCF. 0 WATER—MRL. 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

FEB 10 1986
DATE 1-31-86

FARMINGTON RESOURCE AREA

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or records, or to knowingly and willfully obstruct any investigation by any department or agency of the United States.

NMOCC

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drilling-logs, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Ojo Alamo	2670'	2820'	ss. White cr-grn s.
Kirtland	2820'	3020'	Gry sh interbedded w/tight gry fine-grn ss.
Fruitland	3020'	3292'	Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
Pictured Cliffs	3292'	4248'	Gry, fine-grn tight, varicolored soft ss.
Chacra	4248'	4910'	Gry fn grn silty, glauconitic sd stone w/drk gry shale
Mesa Verde	4910'	5054'	Gry, fine-grn, dense sil ss., carb sh & coal
Menefee	5054'	5462'	Gry, fine-grn s, carb sh & coal
Point Lookout	5462'	5962'	Gry, very fine sil ss w/frequent sh breaks
Mancos	5962'	6425'	Gry carb sh.
Gallup	6425'	7397'	Lt gry to brn calc carb micac glauco very fine gry ss w/irreg.interbed sh
Greenhorn	7397'	7444'	Highly calc gry sh w/thin lmst.
Graneros	7444'	7565'	Dk gry shale, fossil & carb w/pyrite incl.
Dakota	7565'	7725'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks
* 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.			
** 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.			

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2670'	
Kirtland	2820'	
Fruitland	3020'	
Pic.Cliffs	3292'	
Chacra	4248'	
Mesa Verde	4910'	
Menefee	5054'	
Pt.Lookout	5462'	
Mancos	5962'	
Gallup	6425'	
Greenhorn	7397'	
Graneros	7444'	
Dakota	7565'	