

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 ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REPAIR ☐ 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 State requirements)

At surface 1000'N, 1000'W

At top prod. interval reported below

At total depth

14. PERMIT NO. 1 DATE INSURANCE

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 BK

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

Sec. 31, T-27-N, R-5-NMPM

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

15. DATE SPUDDED 9-26-85 16. DATE T.D. REACHED 10-9-85 17. DATE COMPL. (Ready to prod.) 1-30-86 18. ELEVATIONS (DP, RNS, 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 Tools Rotary CABLE TOOLS No

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4895-5835' (Blanco Mesa Verde) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma-Ray Correlation Log; Temp Survey; 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

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 slickw
5703-5835'/39,000#20/40sand & 65,850 gal freshwt
1st set5436-5492'2nd set 5503-5642'/116,000# 20/
sand&149,900 gals freshwater

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

DATE FIRST PRODUCTION 11-6-85 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing - Capable of Comm. HC to be tested when connected. WELL STATUS (Producing or shut-in) Shut in

DATE OF TEST 1-30-86 HOURS TESTED SI 7 Days CHOKE SIZE 0 PROD'N. FOR TEST PERIOD OIL—BBL. 0 GAS—MCF. 0 WATER—BBL. 0 GAS-OIL RATIO 0

FLOW, TUBING PRESS. SI 122 CASING PRESSURE SI 641 CALCULATED 24-HOUR RATE No Flow OIL—BBL. No Flow GAS—MCF. No Flow WATER—BBL. 0 OIL GRAVITY-API (CORR.)

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 all available records.

SIGNED

TITLE

Drilling Clerk

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

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TOP	
				MEAS. DEPTH	TRUE VERT. DEPTH
Chacra	4334'	4879'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	4334'	
Mesa Verde	4879'	4996'	Gry, fine-grn, dense sil ss., carb sh & coal	4879'	
Menefee	4996'	5432'	Gry, fine-grn s, carb sh & coal	4996'	
Point Lookout	5432'	5932'	Gry, very fine sil ss w/frequent sh breaks	5432'	
Mancos	5932'	6465'	Gry carb sh.	5932'	
Gallup	6465'	7349'	Lt gry to brn calc carb micac glauco very fine gry ss w/irreg.interbed sh	6465'	
Greenhorn	7349'	7404'	Highly calc gry sh w/thin lmst.	7349'	
Graneros	7404'	7551'	Dk gry shale, fossil & carb w/pyrite incl.	7404'	
Dakota	7551'	7689'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	7551'	
* Continued Perf's:					

5743, 5773, 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, 5623, 5642 w/1 SPZ. Pressure tested to 3700 psi-ok. 4th stage pressure test to 4000 psi-ok. Perf'd 4895, 4909, 4914, 4919, 4924, 4929, 4940, 4946, 4956, 4961, 4966, 4971, 4984 w/1 SPZ.

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Chacra	4334'	
Mesa Verde	4879'	
Menefee	4996'	
Pt. Lookout	5432'	
Mancos	5932'	
Gallup	6465'	
Greenhorn	7349'	
Graneros	7404'	
Dakota	7551'	