

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions 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. REVS. ☐
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 1190'N 2040'W
At top prod. interval reported below
At total depth

RECEIVED
JUL 26 1985
OIL CON. DIV.
DIST. 3

5. LEASE DESIGNATION AND SERIAL NO.
SF 079393
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
San Juan 27-5 Unit
8. FARM OR LEASE NAME
San Juan 27-5 Unit
9. WELL NO.
#45A
10. FIELD AND POOL, OR WILDCAT
Blanco Mesa Verde
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 6, T-27-N, R-5-W
NMPM
12. COUNTY OR PARISH
Rio Arriba
13. STATE
NM
15. DATE SPUNDED
5-26-85
16. DATE T.D. REACHED
6-2-85
17. DATE COMPL. (Ready to prod.)
6-27-85
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
6489' GL
19. ELEV. CASINGHEAD-
6489'
20. TOTAL DEPTH, MD & T/D
5930'
21. PLUG, BACK T.D., MD & TVD
5911'
22. IF MULTIPLE COMPL., HOW MANY*
One
23. INTERVALS DRILLED BY
Rotary
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4202-5649 (Blanco Mesa Verde)
25. WAS DIRECTIONAL SURVEY MADE
NO
26. TYPE ELECTRIC AND OTHER LOGS RUN
Cyberlook; Dual Ind. GR; DCL; FDSN-GR
27. WAS WELL CORRED
NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36	231	13 3/4"	142 cu ft	
7"	20	3608	8 3/4"	286 cu ft	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4 1/2"	3449	5930	464 cu ft	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	5859	

31. PERFORATION RECORD (Interval, size and number) Perf'd 1st stage 5649, 5679, 5703, 5713, 5729, 5762, 5770, 5787, 5796, 5809, 5847, 5855, 5859 w/ 1 SPZ. Perf'd 2nd stage 5481, 5486, 5491, 5496, 5501, 5506, 5519, 5524, 5536, 5541, 5546, 5561, 5576, 5581, 5597, 5605, 5612 w/1 SPZ. (See Attachment)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5649-5859	14,500# 20/40 sand&38,180 gals wt
5481-5612	44,000# 20/40 sand&72,470 gals wt
4969-5235	53,000# 20/40 sand&74,585 gals wt
4202-4429	10,250# 20/40 sand&31,250 gals wt

33. PRODUCTION

DATE FIRST PRODUCTION
6-20-85

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)
Flowing

WELL STATUS (Producing or shut-in)
Shut in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-27-85	3 Hrs.	3/4"		0	443 MCF	0	

FLOW. TUNING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
SI 743	SI 886		0	3220	0	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Shut in to be Sold

35. LIST OF ATTACHMENTS
Cement Record; List of 3rd & 4th stage Perf's

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 DATE 7-16-85

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

It is 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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Chacra	4238	4960	Gry fn grn silty, glauconitic sd stone with drk gry shale.	Chacra	4238	
Cliff House	4960	5120	ss. Gry, fine-grn, dense sil ss.	Cliff House	4960	
Menefee	5120	5476	Gry, fine-grn s, carb sh & coal.	Menefee	5120	
Point Lookout	5476	5930	Gry, very fine sil ss w/frequent sh breaks.	Point Lookout	5476	

SAN JUAN 27-5 UNIT 45A

CEMENT RECORD:

- 9 5/8 Surface Casing - Cmt'd w/120 sks class B, 3% CaCl_2 , 1/4# Gel-flake/sk (142 cu ft).
- 7' Intermediate Casing - Cmt'd w/87 class B, 65/35 POZ mix, w/6% gel, 2% CaCl_2 , (168 cu ft), followed by 100 class B sks cmt, 2% CaCl_2 , (118 cu ft).
- 4 1/2" Liner Casing - Cmt'd w/50 sks class B cmt, 50/50 POZ mix, w/2% gel, 0.6% Halad-9 (63 cu ft), followed by 286 sks class B, 50/50 POZ mix, w/2% gel, 6.25# Gilsonite, 1/4# Flocele & 0.6% Halad-9 (401 cu ft).

SAN JUAN 27-5 UNIT #45A
Blanco Mesa Verde
NW/Sec. 6, T-27-N, R-5-W

Perforation Record:

Perf'd 3rd stage @ 4969, 4973, 4977, 4994, 5005, 5022, 5043, 5047, 5057, 5062,
5067, 5072, 5077, 5082, 5087, 5101, 5106, 5111, 5116, 5225, 5230, 5235 w/1 SPZ.

Perf'd 4th stage @ 4202, 4246, 4670, 4280, 4294, 4329, 4332, 4425, 4429 w/1SPZ.