

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

(See other In-
structions on
reverse side)

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. RESVR. ☐ 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 a State resource map).
At surface 1830'S, 800'E

At top prod. interval reported below

At total depth

14. PERMIT NO. BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

15. DATE SPUDDED 7-16-85 16. DATE T.D. REACHED 7-24-85 17. DATE COMPL. (Ready to prod.) 9-27-85 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6266' GL 19. ELEV. CASINGHEAD 6266'

20. TOTAL DEPTH, MD & TVD 5304' 21. PLUG. BACK T.D., MD & TVD 5293' 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)* 4298-5226' (Blanco Mesa Verde) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Ind. GR-Log; Comp. Density Sidewall NL; Cement Bond Log; GR-C-Log; Temp S. 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
9 5/8"	32.3#	312'	12 1/4"	189 cu ft	
7"	20.0#	2892'	8 3/4"	350 cu ft	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	2748'	5304'	450 cu ft		2 3/8"	5201'	

31. PERFORATION RECORD (Interval, size and number) 4938, 4942, 4946, 4950, 4965, 4976, 5028, 5032, 5036, 5042, 5061, 5096, 5126, 5140, 5161, 5180, 5185, 5206, 5226 w/1 SPZ. 2nd stage 4836, 4840, 4843, 4846, 4849, 4855, 4858, 4865, 4868, 4871, 4874, 4877, 4880, 4890, 4893, 4896, 4899, 4907, 4911, 4915

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4938-5226	85,000# 20/40 sand&107,940gals w
4836-4915	64,000# 20/40 sand&87,654 gals w
4298-4769	38,000# 20/40 sand&67,872 gals w

33. SPZ. *Conti. Perf's on Pg. 2 PRODUCTION

DATE FIRST PRODUCTION 9-4-85 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut in

DATE OF TEST 9-27-85 HOURS TESTED 3 Hrs. CHOKER SIZE 3/4" PROD'N. FOR TEST PERIOD 0 OIL—BBL. 0 GAS—MCF. 417 MCF WATER—BBL. 0 GAS-OIL RATIO 0

FLOW. TUBING PRESS. SI 744 CASING PRESSURE SI 851 CALCULATED 24-HOUR RATE 0 OIL—BBL. 0 GAS—MCF. 2390 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 N. L. Waggoner

35. LIST OF ATTACHMENTS Temp Survey; Conti. Perf's Page 2

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Peggy Daak TITLE Drilling Clerk DATE OCT 9-30-85

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

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 representations as to any matter within its jurisdiction.

37. SUMMARY OF POROSITY 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	MEAS. DEPTH	TRUE VERT. DEPTH
Chacra	3567'	4394'	Gry fn grn silty, glauconitic sd stone w/drck gry shale	Chacra Mesa Verde Menefee Point Lookout	3567' 4394' 4318' 4826'	
Mesa Verde	4394'	4318'	Gry, fine-grn, dense sil ss., carb sh & coal			
Menefee	4318'	4826'	Gry, fine-grn s, carb sh & coal			
Point Lookout	4826'	5304'	Gry, very fine sil ss w/frequent sh breaks			

USGS COMPLETION REPORT & LOG
HOWELL #3A
CONTINUED PERF'S-PAGE 2

3rd stage 4298, 4308, 4497, 4518, 4671, 4674, 4717, 4720, 4765, 4769 w/1 SPZ.