

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. REVR. ☐ 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 1450'N 790'W

At top prod. interval reported below

At total depth

OIL CON. DIV.
RECEIVED
SEP 13 1985
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 7-3-85 16. DATE T.D. REACHED 7-9-85 17. DATE COMPL. (Ready to prod.) 9-3-85 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5869' GL 19. ELEV. CASINGHEAD 5869'

20. TOTAL DEPTH, MD & TVD 5048' 21. PLUG, BACK T.D., MD & TVD 5035' 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)* 4018-4983' (Blanco Mesa Verde) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Temp Survey; Densilog Linear Porosity Gamma Ray; Ind. GR; Densilog Neutron GR; C-GR-L 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#	231'	12 1/4"	130 cu ft	
7"	20.0#	2618'	8 3/4"	408 cu ft	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	2436'	5048'	450 cu ft		2 3/8"	4961'	

31. PERFORATION RECORD (Interval, size and number)

4815, 4831, 4844, 4860, 4870, 4891, 4896, 4915, 4920, 4930, 4938, 4962, 4983 w/1 SPZ, 2nd stage 4564, 4568, 4572, 4596, 4600, 4604, 4608, 4612, 4620, 4624, 4628, 4645, 4648, 4666, 4669, 4673, 4676, 4681, 4688,

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4815-4983	26,200# 20/40 sand&77,250 gals wt
4564-4793	103,000# 20/40 sand&138,772 gals wtr
	70,000# 20/40 sand&94,126 gals wt

33.*Conti. Perf's on Page 2

PRODUCTION

DATE FIRST PRODUCTION 8-14-85 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut in

DATE OF TEST 9-3-85 HOURS TESTED 3 Hrs. CHOKER SIZE 3/4" PROD'N. FOR TEST PERIOD 0 OIL—BBL. 459 MCF GAS—MCF. 0 WATER—BBL. 0 GAS-OIL RATIO 0

FLOW. TUBING PRESS. SI 830 CASING PRESSURE SI 930 CALCULATED 24-HOUR RATE 0 OIL—BBL. 3419 GAS—MCF. 0 WATER—BBL. 0 OIL GRAVITY-API (CORR.) 0

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

*(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):

FORMATION				GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Chacra	3287'	4011'	Gry fn grn silty, glauconitic sd stone w/drak gry shale	Chacra Mesa Verde Menefee Point Lookout		
Mesa Verde	4011'	4028'	Gry, fine-grn, dense sil ss., carb sh & coal			
Menefee	4028'	4591'	Gry, fine-grn s, carb sh & coal			
Point Lookout	4591'	5048'	Gry, very fine sil ss w/frequent sh breaks			

USGS COMPLETION REPORT
HOWELL #2A
CONTINUED PERF'S
PAGE 2

4696, 4713, 4737, 4765, 4775, 4793 w/1 SPZ. 3rd stage 4018, 4025, 4225, 4230, 4245,
4267, 4292, 4316, 4347, 4352, 4411, 4494, 4498, 4502 w/1 SPZ.