

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*

5. LEASE DESIGNATION AND SERIAL NO.

SF 078566A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Howell

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

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

Sec. 34, T-28-N, R-8-W
NMPM

12. COUNTY OR PARISH
San Juan

13. STATE
NM

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP EN PLUG BACK DIFF. RESRV. 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 990'S 1650'W

At top prod. interval reported below

At total depth

OIL CON. DIV.

DIST. 3

RECEIVED

SEP 25 1985

BUREAU OF LAND MANAGEMENT

FARMINGTON RESOURCE AREA

15. DATE SPUNDED 3-25-51 16. DATE T.D. REACHED 8-27-85 17. DATE COMPL. (Ready to prod.) 9-17-85 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5812' GL 19. ELEV. CASINGHEAD 5812'

20. TOTAL DEPTH, MD & TVD 4880' 21. PLUG. BACK T.D., MD & TVD 4867' 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)* 3765-4808' (Blanco Mesa Verde) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Temp Survey; Temp. Log; Comp. Analyzed LS; C-GR-L; Comp. Density Sidewall NL; Ind. 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
9 5/8"	36.0#	314'	12 1/4"	120 cu ft	
7"	20.0#	3736'	8 3/4"	350 cu ft	
4 1/2"	10.5#	4880'	6 1/4"	270 cu ft	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	4807'	

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
	DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
4550, 4560, 4598, 4617, 4622, 4644, 4658, 4678, 4698, 4704, 4712, 4744, 4794, 4808 w/14 SPZ. 2nd stage 4384, 4388, 4392, 4396, 4400, 4404, 4408, 4412, 4420, 4424, 4428, 4432, 4436, 4448, 4453, 4458, 4463, 4476, 4479, 4487,	4550-4808' 69,000# 20/40 sand&87,060 gals slickwater 4384-4521' 93,000# 20/40 sand&111,900 gals slickwater

* 33. Conti. Perf's Listed Pg. 2 PRODUCTION 3765-4280' 99,000# 20/40 sand&114,880 gals slickwater
DATE FIRST PRODUCTION 8-27-85 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
9-17-85	3 Hrs.	3/4"		0	356 MCF	0	0
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
SI 679	SI 779		0	2715	0	0	0

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut in to be Sold TEST WITNESSED BY Bill Norman

35. LIST OF ATTACHMENTS Temp Survey; Conti. Perf's Pg. 2 ACCEPTED FOR RECORD

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Peggy Leah TITLE Drilling Clerk DATE 9-24-85

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

Title 18 U.S.C. Section 1001, makes it a crime for any person to 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 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	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Ojo Alamo	1190'	1319'		ss. White cr-grn s.	Ojo Alamo	1190'		
Kirtland	1319'	1872'		Gry sh interbedded w/tight gry fine-grn ss.	Kirtland	1319'		
Fruitland	1872'	2119'		Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.	Fruitland	1872'		
Pictured Cliffs	2119'	3740'		Gry, fine-grn tight, varicolored soft ss.	Pic. Cliffs	2119'		
Mesa Verde	3740'	3794'		Gry, fine-grn, dense sil ss., carb sh & coal	Mesa Verde	3740'		
Cliff House	3794'	3835'		ss. Gry, fine-grn, dense sil ss.	Cliff House	3794'		
Menefee	3835'	4378'		Gry, fine-grn s, carb sh & coal	Menefee	3835'		
Point Lookout	4378'	4878'		Gry, very fine sil ss w/frequent sh breaks	Pt. Lookout	4378'		
Mancos	4878'	4880'		Gry carb sh.	Mancos	4878'		

USGS COMPLETION REPORT & LGG
HOWELL #3
CONTINUED PERF'S-PAGE TWO

4494, 4508, 4521 w/23 SPZ. 3rd stage 3765, 3805, 3813, 3818, 3824, 3985, 4018,
4030, 4064, 4070, 4083, 4088, 4144, 4150, 4156, 4268, 4274, 4280 w/18 SPZ.