

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

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

5. LEASE DESIGNATION AND SERIAL NO.

SF 078387

6. IF INDIAN ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

7. FARM OR LEASE NAME

Howell D

9. WELL NO.

5E

10. FIELD AND POOL, OR WILDCAT,

Basin Dakota

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

Sec. 31, T-31-N, R-8-W
NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

18. TYPE OF WELL: OIL WELL GAS WELL DRY Other

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. DESVR 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 instructions on reverse side)

At surface 1340'N, 1350'E

At top prod. interval reported below

At total depth

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

RECEIVED
NOV 15 1985

14. PERMIT NO. OIL CON. DIV
DIST. 3

15. DATE SPUDDED 9-16-85 16. DATE T.D. REACHED 9-26-85 17. DATE COMPL. (Ready to prod.) 11-7-85 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6365' GL 19. ELEV. CASINGHEAD 6365'

20. TOTAL DEPTH, MD & TVD 7837' 21. PLUG. BACK T.D., MD & TVD 7800' 22. IF MULTIPLE COMPL. HOW MANY* One 23. INTERVALS DRILLED BY Rotary TOOLS Rotary CABLE TOOLS No

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7592-7780' (Basin Dakota) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Formation Density-Sidewall NL; Dual Ind.-GR; Temp. Log; NL McCullough Elec. Csg. Caliper L; Temp Survey 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#	220'	12 1/4"	130 cu ft	
7"	20.0#	3551'	8 3/4"	503 cu ft	
4 1/2"	10.5&11.6#	7824'	6 1/4"	658 cu ft	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/2"	7779'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Interval	Pressure	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
test to 4000 psi-ok. Perf'd 7594, 7603, 7649, 7653, 7656, 7659, 7676, 7700, 7704, 7708, 7712, 7716, 7720, 7724, 7728, 7732, 7736, 7740, 7759, 7779 w/1 SPZ. Re-Frac/ Perf'd 7592, 7595, 7604, 7650, 7652, 7655,		7594-7779'	26,000# 20/40 sand & 43,460 gals water
		7592-7780'	45,870# 20/40 sand & 60,075 gals slickwater & 50# ge

* Continued Perf's Listed on Back Pg. 1 PRODUCTION
DATE FIRST PRODUCTION 10-27-85 PRODUCTION METHOD Flowing - Capable of Comm. HC to be tested WELL STATUS (Producing or shut-in) Shut in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD. V. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-7-85	SI 7 Days	0		0	0	0	0

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

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 [Signature] TITLE Drilling Clerk DATE 11-11-85

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

NMOCC

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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Chacra	4175'	5036'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4175'	
Mesa Verde	5036'	5100'	Gry, fine-grn, dense sll ss., carb sh & coal	Mesa Verde	5036'	
Menefee	5100'	5450'	Gry, fine-grn s, carb sh & coal	Menefee	5100'	
Point Lookout	5450'	5950'	Gry, very fine sll ss w/frequent sh breaks	Pt. Lookout	5450'	
Mancos	5950'	6576'	Gry carb sh.	Mancos	5950'	
Gallup	6576'	7469'	Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh	Gallup	6576'	
Greenhorn	7469'	7521'	Highly calc gry sh w/thin lmst.	Greenhorn	7469'	
Graneros	7521'	7646'	Dk gry shale, fossil & carb w/pyrite incl	Graneros	7521'	
Dakota	7646'	7824'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	7646'	
* Continued Perf's:						
7657, 7675, 7726, 7730,	7699, 7702, 7734, 7738,	7705, 7707, 7757, 7780,	7709, 7711, 7713, 7715, 7717, 7719, 7722, w/1 SPZ.			

38. GEOLOGIC MARKERS