

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

SF 078587-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Howell K

9. WELL NO.

1 (OWNO)

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

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

**Sec. 21, T-30-N, R-8-W
N.M.P.M.**

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

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
Box 990, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
 At surface **1750'S, 1650'W**
 At top prod. interval reported below
 At total depth

U. S. GEOLOGICAL SURVEY
PERMIT NO. _____

15. DATE SPUDDED **W/O 5-26-67** 16. DATE T.D. REACHED **W/O 5-30-67** 17. DATE COMPL. (Ready to prod.) **W/O 6-28-67** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **5778' GL** 19. ELVB. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **4873'** 21. PLUG. BACK I.D., MD & TVD **4838'** 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS **0-4873** CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4258-4824 (Mesa Verde) 25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN
ES, GRI, Den-Caliper, Temp. Surfey 27. WAS WELL CORED **No**

28. CASING RECORD (Report all strings set in well)					CEMENTING RECORD		AMOUNT PULLED*
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE				
9 5/8"	36#	301'	13 3/4"		150 Sks.		
7"	23 & 20#	4200'	8 3/4"		300 Sks.		
4 1/2"	10.5#	4873'	6 1/4"		110 Sks.		

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKING SEAL (COM. DIST. 3)
					2 3/8"	4678'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4258-62, 4272-80, 4290-98, 4332-40' w/16 SPZ		4258-4340	36,708 gal. water, 34,000# sand
4732-40, 4750-54, 4764-72, 4785-89, 4802-06, 4820-24' w/16 SPZ		4732-4824	62,236 gal. water, 62,000# sand

33.* PRODUCTION

DATE FIRST PRODUCTION _____ 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
6-28-67	3	3/4"	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
SI 896	SI 896	→		13,891 MCF/D			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____ TEST WITNESSED BY **J. B. Goodwin**

35. LIST OF ATTACHMENTS _____

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

Original signed by
SIGNED **Carl E. Matthews** TITLE **Petroleum Engineer** DATE **7-17-67**

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