

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other In-  
structions on  
reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

2. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

3. NAME OF OPERATOR  
El Paso Natural Gas Company

4. ADDRESS OF OPERATOR  
P. O. Box 990, Farmington, New Mexico 87401

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 860' N, 1100' W  
At top prod. interval reported below  
At total depth

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NO.  
SF078039

6. IF INDIAN, ALLOTTEE (OR TRIBE NAME)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Barnes

9. WELL NO.  
3A

10. FIELD AND POOL, OR WILDCAT  
Blanco Mesa Verde

11. SEC., T. R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 27, T-32-N, R-11-W  
NMPM

12. COUNTY OR PARISH  
San Juan

13. STATE  
New Mexico

15. DATE SPUDDED 6-1-77 16. DATE T.D. REACHED 6-11-77 17. DATE COMPL. (Ready to prod.) 8-5-77 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6524' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5944' 21. PLUG, BACK T.D., MD & TVD 5927' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY 0-5944 ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 4876-5851 (MV) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN IL-GR;CDN-GR; 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"	32.3#	216'	13 3/4"	224 cf	
7"	20#	3640	8 3/4"	580 cf	

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"	3480'	5944'	430		2 3/8"	5870'	

31. PERFORATION RECORD (Interval, size and number)  
4876,4923,4940,5064,5067,5103,5106,5111,5115,5118,5121,5135,5138,5152,5155,5158,5312,5344,5386' w/1 SPZ. 5521,5531,5535,5539,5565,5569,5572,5581,5584,5587,5590,5593,5638,5663,5673,5716,5734,5738,5814,5851, w/1 SPZ

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4876-5386	54,000# sd; 54,000 gals. water
5521-5851	60,000# sd; 60,000 gals. water

33. PRODUCTION  
DATE FIRST PRODUCTION \_\_\_\_\_ PRODUCTION METHOD (Flowing, ~~etc.~~) After Frac Gauge 3866 MCF/D WELL STATUS (Producing or shut-in) Shut-in

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-5-77							

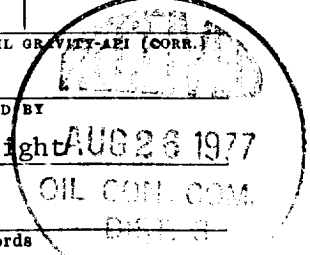
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
SI 363	SI 715					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY Dave Wright

35. LIST OF ATTACHMENTS AUG 25 1977

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED A. G. Lucas TITLE U. S. GEOLOGICAL SURVEY DATE August 19, 1977

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



# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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 PRESSURE, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
TOP			
MEAS. DEPTH		TRUE VERT. DEPTH	
Mesa Verde	4872		
Point Lookout	5518		