Form 9-330
(Rev. 5-63)

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.

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

5. LEASE DESIGNATION AND SERIAL NO.: SF 078336-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: El Paso Natural Gas Company

8. FARM OR LEASE NAME: Barrett

3. ADDRESS OF OPERATOR: Box 990, Farmington, New Mexico

9. WELL NO.: 4 (OWWO)

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 1190' N, 1190'E
At top prod. interval reported below
At total depth

RECEIVED
SEP 9 1965
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

10. FIELD AND POOL, OR WILDCAT: Blanco Mesa Verde

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 20, T-31-N, R-9-W N.M.P.M.

14. PERMIT NO. | DATE ISSUED

12. COUNTY OR PARISH: San Juan | 13. STATE: New Mexico

15. DATE SPUDDED: W/O 8-18-65 | 16. DATE T.D. REACHED: W/O 8-23-65 | 17. DATE COMPL. (*Ready to prod.*): W/O 8-26-65 | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: 6276' GL | 19. ELEV. CASINGHEAD:

20. TOTAL DEPTH, MD & TVD: Whipstock 5509' | 21. PLUG, BACK T.D., MD & TVD: C.O. 5490' | 22. IF MULTIPLE COMPL., HOW MANY* | 23. INTERVALS DRILLED BY: → | ROTARY TOOLS: 0-5509 | CABLE TOOLS:

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 5372-5471 (Point Lookout) 4962-5020 (Cliff House)

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: ES, GRI, 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"	25.4#	172'	13 3/4"	125 Sks.	
7"	20 & 23#	4854	8 3/4"	500 Sks.	
4 1/2"	10.5#	5509'	6 1/4"	130 Sks.	

RECEIVED
SEP 10 1965
OIL CON. COM.
DIST. 3

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	5441'	

31. PERFORATION RECORD (*Interval, size and number*)
4962-70, 5012-20 w/3 SPF
5372-80 w/2 SPF; 5402-06 w/4 SPF
5426-34, 5463-71 w/2 SPF

All shots w/3 1/8" SDJ

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4962-5020	18,000 gal. water, 18,000# sand
5372-5471	48,000 gal. water, 48,000# sand

33.* PRODUCTION

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-2-65	3	3/4"					

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
900	897			8923		

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)

35. LIST OF ATTACHMENTS

TEST WITNESSED BY: Don Norton

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

SIGNED ORIGINAL SIGNED E. S. OBERLY TITLE Petroleum Engineer DATE 9-8-65

*(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.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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 PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Ojo Alamo	2259	
Kirtland	2330	
Fruitland	2763	
Pictured Cliffs	3137	
Lewis	3216	
Cliff House	4945	
Menefee	5025	
Point Lookout	5362	
Mancos	5484	

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636