

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. RESV. Other

2. NAME OF OPERATOR
El Paso Natural Gas Company

3. ADDRESS OF OPERATOR
Box 990, Farmington, New Mexico - 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **800'S, 1090'W**
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
SF 079731

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
San Juan 28-4 Unit

8. FARM OR LEASE NAME
San Juan 28-4 Unit

9. WELL NO.
31

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OF AREA
**Sec. 32, T-28-N, R-4-W
N.M.P.M.**

RECEIVED
FEB 20 1968

14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH **Bio Arriba** 13. STATE **New Mexico**

15. DATE SPUNDED **1-16-68** 16. DATE T.D. REACHED **1-28-68** 17. DATE COMPL. (Ready to prod.) **2-14-68** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **6961' GL** 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **8344'** 21. PLUG, BACK T.D., MD & TVD **8310'** 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY **0-8344'** ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
8102-8290' (Dakota)

25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN
IES/IGR, FDC/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"	32.30#	242'	13 3/4"	200 Sks.	
7"	20#	4151'	8 3/4"	180 Sks.	
4 1/2"	11.6 & 10.5#	8344'	6 1/4"	400 Sks.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
				2 3/8"	8238'	

31. PERFORATION RECORD (Interval, size and number)

8102-20
8173-81, 8192-8214'
8258-90' w/2 SPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8102-20	29,520 gal. water, 30,000# sand
8173-3214	26,830 gal. water, 26,000# sand
8258-90'	15,000 gal. water, 15,000# sand 1000 gal. acid

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 **2-14-68** HOURS TESTED **3** CHOKE SIZE **3/4"** PROD'N. FOR TEST PERIOD **→** OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO

FLOW. TUBING PRESS. **SI 2656** CASING PRESSURE **SI 2632** CALCULATED 24-HOUR RATE **→** OIL—BBL. GAS—MCF. **4305 MCF/D** WATER—BBL. OIL GRAVITY-API (CORR.)

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. Andrews TITLE Petroleum Engineer DATE 2-19-68

*(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 53, 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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
<p>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</p>			
<p>38. GEOLOGIC MARKERS</p>			
		<p>MEAS. DEPTH</p>	<p>TOP</p>
		<p>TRUE VERT. DEPTH</p>	
		<p>NAME</p>	
		<p>Pictured Cliffs Mesa Verde Point Lookout Gallup Greenhorn Graneros Dakota</p>	<p>3890 5647 6030 7055 7984 8051 8170</p>

