

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.

5. LEASE DESIGNATION AND SERIAL NO.

SF 078885

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Canyon Largo Unit

8. FARM OR LEASE NAME

Canyon Largo Unit

9. WELL NO.

148

10. FIELD AND POOL, OR WILDCAT

Otero Chacra

11. SEC. T., R., M., OR BLOCK AND SURVEY  
OR AREASec. 11, T-25-N, R-6-W  
N.M.P.M.12. COUNTY OR  
PARISH

Rio Arriba

13. STATE

New Mexico

14. PERMIT NO.

DATE ISSUED

## 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. CESVR. ☐ Other ☐

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

Box 996, Farmington, New Mexico - 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

1086'N, 900'W

At top prod. interval reported below

At total depth

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO

15. DATE SPUDDED 8-14-69 16. DATE T.D. REACHED 10-11-69 17. DATE COMPL. (Ready to prod.) 11-3-69 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 6773' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD 3895' 21. PLUG, BACK T.D., MD &amp; TVD 3885' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY 10-3895' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 25. WAS DIRECTIONAL SURVEY MADE

3736 - 3842' (Chacra)

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES, 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 |
|-------------|-----------------|----------------|-----------|------------------|
| 8 5/8"      | 24              | 125' 138'      | 12 1/4"   | 85 Sks.          |
| 2 7/8"      | 6.4             | 3895'          | 6 3/4"    | 280 Sks.         |

29. LINER RECORD

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

| SIZE | DEPTH SET (MD) | PACKING (MD) |
|------|----------------|--------------|
|      |                |              |

31. PERFORATION RECORD (Interval, size and number)

3736-50, 3834-42' w/32 SP2

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 3736-3842           | 30,000 gal. water, 30,000# sand  |

33.\* PRODUCTION

| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD ( <i>Flowing, gas lift, pumping—size and type of pump</i> ) |                         |                     |            | WELL STATUS ( <i>Producing or shut-in</i> ) |               |
|-----------------------|-----------------|-------------------------------------------------------------------------------|-------------------------|---------------------|------------|---------------------------------------------|---------------|
|                       |                 | <b>Flowing</b>                                                                |                         |                     |            | <b>Shut In</b>                              |               |
| DATE OF TEST          | HOURS TESTED    | CHOKED SIZE                                                                   | PROD'N. FOR TEST PERIOD | OIL—BBL.            | GAS—MCF.   | WATER—BBL.                                  | GAS-OIL RATIO |
| 11-3-69               | 3               | 3/4"                                                                          | →                       |                     |            |                                             |               |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                                       | OIL—BBL.                | GAS—MCF.            | WATER—BBL. | OIL GRAVITY-API (CORR.)                     |               |
|                       | SI 928          | →                                                                             |                         | 1083 MCF/D + A.C.F. |            |                                             |               |

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

TEST WITNESSED BY

B. J. Broughton

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 L. O. Van Ryan

TITLE Petroleum Engineer

DATE 11-10-69

\*(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 38, 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:<br>SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING<br>DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES |     |        |                             | 38. GEOLOGIC MARKERS |             |                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------|-----------------------------|----------------------|-------------|------------------------|
| FORMATION                                                                                                                                                                                                                                             | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME                 | MEAS. DEPTH | TOP<br>TRUE WEST DEPTH |
|                                                                                                                                                                                                                                                       |     |        |                             | Pictured Cliffs      | 2865        |                        |
|                                                                                                                                                                                                                                                       |     |        |                             | Chacra               | 3778        |                        |