

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other side  
for instructions on  
how to fill in)Form approved  
Federal Register 37, 1, 1971

5. CLASSIFICATION AND SERIAL NO.

SF 078040

6. FIELDIAN, ALLOTMENT OR OTHER NAME

7. UNIT OR PERMIT NAME

8. FARM OR LEASE NAME

Mudge

9. WELL NO.

4A (PM)

10. FIELD AND POOL OR WILDCAT

Blanco P.C.

Blanco M.V.

11. STATE, T., R., OR PL. AND COUNTY OR AREA

Sec. 1, T-31-N, R-11-W

NIPM

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

14. PERMIT NO.

DATE ISSUED

15. ELEVATIONS (OF, R.R., ET. GE. ETC.)

16. INTERVALS (OF, R.R., ET. GE. ETC.)

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60. INTERVALS (OF, R.R., ET. GE. ETC.)

RECEIVED

OCT 25 1977

U. S. GEOLOGICAL SURVEY

FARMINGTON, N.M.

SAN JUAN COUNTY

NEW MEXICO

PERMIT NO.

DATE ISSUED

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1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Otherb. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DEEP. RESER. ☐ Other

2. NAME OF OPERATOR

EL PASO NATURAL GAS CO.

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 1015'N, 1950'W

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

U. S. GEOLOGICAL SURVEY

FARMINGTON, N.M.

SAN JUAN COUNTY

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15. DATE SPUNDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (OF, R.R., ET. GE. ETC.)

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28. CASING RECORD (Report all strings set in well)

CASING SIZE

WEIGHT, LB./FT.

DEPTH SET (MD)

HOLE SIZE

CEMENTING RECORD

AMOUNT CEMENT

29. LINER RECORD

SIZE

TOP (MD)

BOTTOM (MD)

SACKS CEMENT\*

SCREEN (MD)

30. TUBING RECORD

SIZE

DEPTH SET (MD)

PATTERN SET (MD)

31. PERFORATION RECORD (Interval, size and number)

3092-3106,

112-20, 3146-56, 3162-72' w/12 SPZ. 4688-97, 4740-46

17-21, 4831-45, 4858-66, 4904-08, 4918-22, 4932-38

12 SPZ. 4999-5006, 5022-26, 5031-38, 5018-58, 5070-

1, 5170-84, 5214-34 w/16 SPZ. 5318-32, 5343-49,

359-65, 5375-81, 5391-97, 5429-33, 5443-49, 5463-

8, 5483-87 w/12 SPZ. 5512-49, 5561-66, 5588-5604

33\* 5616-24, 5651-59 w/12 SPZ.

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

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

3092-3172' 42,000# sand; 52,000 gal. water

4688-4938' 55,000# sand; 65,000 gal. water

4999-5254' 68,000# sand; 78,000 gal. water

5318-5487' 62,000# sand; 72,000 gal. water

5542-5659' 44,000# sand; 54,000 gal. water

33. PRODUCTION

DATE FIRST PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumping, size and type of pump)

Flowing

Shut in

DATE OF TEST

HOURS TESTED

CHOKE SIZE

PROD'N. FOR TEST PERIOD

OIL, BBL.

GAS, MCF.

WATER, BBL.

GAS-OIL RATIO

# 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 logs, 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 artesian wells should be listed on this form, see item 32.

**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 depth 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:** "Seals 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 POHOLE ZONES:                                                                                                                                                                                        |     |        |                             | 38. GEOLOGIC MARKERS |                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------|-----------------------------|----------------------|----------------------------------------|
| SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, FISHION, LOST TIME TOOL, OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES |     |        |                             |                      |                                        |
| FORMATION                                                                                                                                                                                                           | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME                 | TOP<br>MEAS. DEPTH<br>INCREASING DEPTH |
|                                                                                                                                                                                                                     |     |        |                             | PicturedCliffs       | 3090                                   |
|                                                                                                                                                                                                                     |     |        |                             | Mesa Verde           | 4592                                   |
|                                                                                                                                                                                                                     |     |        |                             | Point Lookout        | 5300                                   |