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| TRANSPORTER             | OIL<br>GAS |
| PRODUCTION OFFICE       |            |
| OPERATOR                |            |

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

(Form C-104)  
Revised 7/1/57

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well  
Recompletion  
~~XXXXXXXXXX~~

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, New Mexico November 16, 1961  
(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

El Paso Natural Gas Company San Juan 27-4 Unit, Well No. 30, in SE 1/4 SW 1/4,  
(Company or Operator) (Lease)  
N 32, T 27-N, R 4-W, NMPM, Basin Dakota Pool  
Unit Letter

Rio Arriba

Please indicate location:

|   |   |   |   |
|---|---|---|---|
| D | C | B | A |
| E | F | G | H |
| L | K | J | I |
| M | N | O | P |
|   | X |   |   |

800 S, 1450 W

(FOOTAGE)

Tubing, Casing and Cementing Record

| Size    | Feet | Sax |
|---------|------|-----|
| 10 3/4" | 284  | 220 |
| 4 1/2"  | 8482 | 685 |
| 2 3/8"  | 8360 |     |
|         |      |     |

County. Date Spudded 9-14-61 Date Drilling Completed 10-20-61  
Elevation 7168 (G) Total Depth 8494 EXT c.o. 8400

Top Oil/Gas Pay 8158 (Perf) Name of Prod. Form. Dakota

PRODUCING INTERVAL - 8432-38; 8444-50; 8456-62; 8158-70; 8182-88;

Perforations 8296-8300; 8306-12; 8342-48;

Open Hole None Depth Casing Shoe 8494 Depth Tubing 8360

OIL WELL TEST -

Natural Prod. Test: bbls. oil, bbls. water in hrs, min. Choke Size

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): bbls. oil, bbls. water in hrs, min. Choke Size

GAS WELL TEST -

Natural Prod. Test: MCF/Day; Hours flowed Choke Size

Method of Testing (pitot, back pressure, etc.):

Test After Acid or Fracture Treatment: 3788 MCF/Day; Hours flowed 3

Choke Size 3/4" Method of Testing: Calculated A.O.F.

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 41,400 gal water, 35,000# sd; 60,300 gal water, 60,000# sand

Casing Tubing Date first new  
Press. 2364 Press. 2038 oil run to tanks

Oil Transporter El Paso Natural Gas Products Company

Gas Transporter El Paso Natural Gas Company

Remarks:

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved NOV 20 1961, 19 El Paso Natural Gas Company

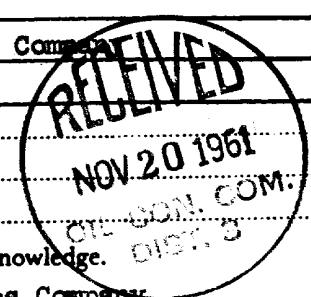
(Company or Operator)

OIL CONSERVATION COMMISSION

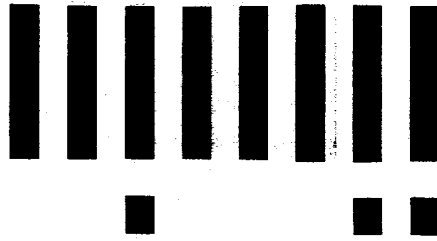
By: Original Signed Emery C. Arnold Title Petroleum Engineer

Title Supervisor Dist. #3 Name E. S. Oberly

Address Box 990, Farmington, New Mexico



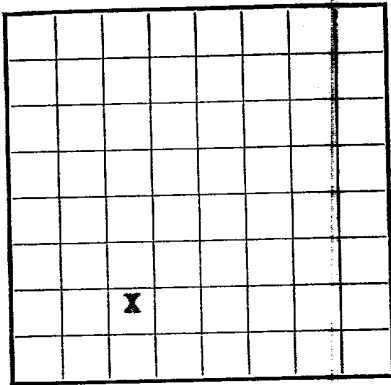
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| TRANSPORTER                 | OIL |
|                             | GR. |
| PRODUCED BY                 | /   |
| OPERATOR                    | 2   |



**LTR**



**Job separation sheet**



LOCATE WELL CORRECTLY


 U. S. LAND OFFICE Santa Fe  
 SERIAL NUMBER 080670  
 LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

 UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address P. O. Box 990, Farmington, New Mexico  
 Lessor or Tract San Juan 27-4 Unit Field Basin Dakota State New Mexico  
 Well No. 30 Sec. 32 T. 27N R. 4W Meridian N.M.P.M. County Rio Arriba  
 Location 800 ft. N. of 8 Line and 1450 ft. E. of W Line of Section 32 Elevation 7178  
 (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Original Signed R. G. MILLER

Date November 15, 1961Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling 9-14, 1961 Finished drilling 10-20, 1961

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 8137 to 8294 (a) No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from 8294 to 8494 (a) No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

| Size casing | Weight per foot | Threads per inch | Make     | Amount   | Kind of shoe | Cut and pulled from | Perforated |     | Purpose      |
|-------------|-----------------|------------------|----------|----------|--------------|---------------------|------------|-----|--------------|
|             |                 |                  |          |          |              |                     | From—      | To— |              |
| 10 3/4"     | 297             | 8                | 220      | 220      | circulated   |                     |            |     | Surf pump    |
| 4 1/2"      | 11.6, 10.3      | 8                | 220, 220 | 220, 220 | 3 stage      |                     |            |     | Intermediate |
| 2 3/8"      | 4.7             | 8                | 220      | 220      | 3 stage      |                     |            |     | Prod tubing  |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 10 3/4"     | 297       | 220                    | circulated  |             |                    |
| 4 1/2"      | 8494      | 685                    | 3 stage     |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
 Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

| Size                                                                        | Shell used                                        | Explosive used         | Quantity | Date | Depth shot | Depth cleaned out |
|-----------------------------------------------------------------------------|---------------------------------------------------|------------------------|----------|------|------------|-------------------|
| 8432-38, 8444-50, 8456-62                                                   | Free Dakota w/41, 400 gal water, 35,000# sd.      | F1 w/6366 gal. IR 26.4 |          |      |            |                   |
| 8464-70, 8472-78, 8484-90, 8496-102, 8508-114, 8520-126, 8532-138, 8544-150 | Free U. Dak. & Green w/60, 300 gal. vtr., 60,000# |                        |          |      |            |                   |
| sd. F1 w/6100 gal. IR 36                                                    | Max P 4000#, IR 2800-2300#, Tr 3700#              |                        |          |      |            |                   |

Rotary tools were used from 0 feet to 8494 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

11-9, 1961 Put to producing \_\_\_\_\_, 19\_\_\_\_  
 The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment.

Gravity, °Bé. \_\_\_\_\_  
 If gas well, cu. ft. per 24 hours 3,462,000 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

FOLD MARK

U.S. LAND OFFICE  
SERIAL NUMBER  
LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCAL REWELL CORRECTLY

[illegible]

The information given hereafter is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

The summary on this page is for the correction of the work of the day.

OIL OR GAS BANDS OR LENSES

(b) (5) DPP, (b) (5) ACP

No. 1 from \_\_\_\_\_ to \_\_\_\_\_  
No. 2 from \_\_\_\_\_ to \_\_\_\_\_  
No. 3 from \_\_\_\_\_ to \_\_\_\_\_  
No. 4 from \_\_\_\_\_ to \_\_\_\_\_

No. 1 from \_\_\_\_\_ to \_\_\_\_\_  
No. 2 from \_\_\_\_\_ to \_\_\_\_\_  
No. 3 from \_\_\_\_\_ to \_\_\_\_\_  
No. 4 from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT DATA MISSING

N. 2, from \_\_\_\_\_ to \_\_\_\_\_  
 N. 1, from \_\_\_\_\_ to \_\_\_\_\_  
 N. 2, from \_\_\_\_\_ to \_\_\_\_\_  
 N. 1, from \_\_\_\_\_ to \_\_\_\_\_

READING RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked", or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

# HISTORY OF OIL OR GAS WELL

[illegible]