



U. S. LAND OFFICE  
Special Agent  
IN CHARGE OF FIELD OFFICE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

A 10x10 grid with a small 'x' mark in the 4th column and 7th row.

LOCATE WELL CORRECTLY

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.

Location  $\left( \begin{matrix} N \\ S \end{matrix} \right)$  of  $\left( \begin{matrix} W \\ E \end{matrix} \right)$  line and  $\left( \begin{matrix} E \\ W \end{matrix} \right)$  of line of \_\_\_\_\_  
 Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ Meridian \_\_\_\_\_ County \_\_\_\_\_  
 Township or Town \_\_\_\_\_ State \_\_\_\_\_  
 Address \_\_\_\_\_

\_\_\_\_\_ 19\_\_\_\_  
The summary on this page is for the condition of the well at above date.  
\_\_\_\_\_ This \_\_\_\_\_ Date \_\_\_\_\_

OIL OR GAS SANDS OR LOMES

(2)  $y \notin \text{rng } \text{elems}(f)$

|            |    |            |    |
|------------|----|------------|----|
| No. 1 from | to | No. 4 from | to |
| No. 2 from | to | No. 5 from | to |
| No. 3 from | to | No. 6 from | to |

IMPORTANT WATER 24 NOV

|                |                |
|----------------|----------------|
| ..... 61 ..... | ..... 61 ..... |
| ..... 61 ..... | ..... 61 ..... |

LEOPARD BRAND

[illegible]

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 "abandoned" 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

16-43004-1 U. S. GOVERNMENT PRINTING OFFICE

| FROM | TO  | TOTAL FEET | FORMATION                            |
|------|-----|------------|--------------------------------------|
| 330  | 345 | 15         | Anhydrite                            |
| 345  | 350 | 5          | Anhydrite & Lime                     |
| 350  | 360 | 10         | Lime & Anhydrite                     |
| 360  | 362 | 2          | Blue Shale                           |
| 362  | 370 | 8          | Anhydrite (Broken)                   |
| 370  | 380 | 10         | Lime & Anhydrite                     |
| 380  | 385 | 5          | Anhydrite & Red Shale                |
| 385  | 397 | 12         | Anhydrite                            |
| 397  | 400 | 3          | Grey Lime                            |
| 400  | 405 | 5          | Anhydrite & Red Shale                |
| 405  | 410 | 5          | "                                    |
| 410  | 414 | 4          | "                                    |
| 414  | 416 | 2          | Red Shale                            |
| 416  | 419 | 3          | Anhydrite                            |
| 419  | 420 | 1          | Sand (Odor of Gas & Oil)             |
| 420  | 422 | 2          | Soft Anhydrite                       |
| 422  | 425 | 3          | Anhydrite & Lime                     |
| 425  | 428 | 3          | Grey Lime                            |
| 428  | 431 | 3          | Lime & Anhydrite                     |
| 431  | 435 | 4          | Grey Lime & Sand (Light show of oil) |
| 435  | 438 | 3          | Grey Lime                            |
| 438  | 440 | 2          | "                                    |
| 440  | 447 | 7          | Grey Hard Lime                       |
| 447  | 449 | 2          | Lime Brown                           |
| 449  | 450 | 1          | Brown Lime                           |

**FORMATION RECORD—Continued**

OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

Form C-104

REQUEST FOR (OIL)-(GAS) ALLOWABLE

It is necessary that this form be submitted by the operator before an initial allowable will be assigned to any completed oil or gas well. Form C-110 (Certificate of Compliance and Authorization to Transport Oil) will not be approved until Form C-104 is filed with the Commission. Form C-104 is to be submitted in triplicate to the office to which Form C-101 was sent. Two copies will be retained there and the other submitted to the Proration Office, Hobbs, New Mexico. The allowable will be assigned effective 7:00 a.m. on date of completion, provided completion report is filed during month of completion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 P.B. at 60° Fahrenheit.

Artesia, New Mexico  
Place

May 29th, 1952  
Date

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

R. D. Collier

Saunders

Well No. 6 in NE 1/4 NW 1/4

Company or Operator

Lease

section 13, T. 17S, R. 27E, N.M.P.M. Empire Pool Eddy County

Please indicate location:

Elevation \_\_\_\_\_ Spudded 5/3-'52 Completed 5/22-'52

|  |   |  |  |
|--|---|--|--|
|  |   |  |  |
|  | X |  |  |
|  |   |  |  |
|  |   |  |  |
|  |   |  |  |

Total Depth 450' P.B. None

Top Oil/Gas Pay 447' Top Water Pay \_\_\_\_\_  
Initial Production Test: Pump 10 Flow \_\_\_\_\_ (BOPD or GALS PER DAY)

Based on \_\_\_\_\_ Bbls. Oil in \_\_\_\_\_ Hrs. \_\_\_\_\_ Mins.

Method of Test (Pitot, gauge, prover, meter run): \_\_\_\_\_

Size of choke in inches \_\_\_\_\_

Tubing (Size) 2" @ 445' Feet

Pressures: Tubing \_\_\_\_\_ Casing \_\_\_\_\_

Gas/Oil Ratio \_\_\_\_\_ Gravity ?

Casing Perforations: \_\_\_\_\_

Unit letter: C

Casing & Cementing Record

| Size   | Feet | Sax |
|--------|------|-----|
| 5 1/2" | 425' | 25  |
|        |      |     |
|        |      |     |
|        |      |     |

Acid Record:

500 Gals 447' to 450'

\_\_\_\_\_ Gals \_\_\_\_\_ to \_\_\_\_\_

\_\_\_\_\_ Gals \_\_\_\_\_ to \_\_\_\_\_

Shooting Record.

\_\_\_\_\_ Qts \_\_\_\_\_ to \_\_\_\_\_

\_\_\_\_\_ Qts \_\_\_\_\_ to \_\_\_\_\_

\_\_\_\_\_ Qts \_\_\_\_\_ to \_\_\_\_\_

Show of Oil, Gas and water

S/ \_\_\_\_\_

S/ \_\_\_\_\_

S/ \_\_\_\_\_

S/ \_\_\_\_\_

S/ \_\_\_\_\_

S/ \_\_\_\_\_

S/ \_\_\_\_\_

Natural Production Test: \_\_\_\_\_ Pumping \_\_\_\_\_ Flowing

Test after acid or shot: 10 BOPD Pumping Pumping Flowing

Please indicate below Formation Tops (in conformance with geographical section of state):

Southeastern New Mexico

Northwestern New Mexico

T. Anhy 63  
T. Salt \_\_\_\_\_  
B. Salt \_\_\_\_\_  
T. Yates \_\_\_\_\_  
T. 7 Rivers \_\_\_\_\_  
T. Queen \_\_\_\_\_  
T. Grayburg \_\_\_\_\_  
T. San Andres \_\_\_\_\_  
T. Glorieta \_\_\_\_\_  
T. Drinkard \_\_\_\_\_  
T. Tubbs \_\_\_\_\_  
T. Abo \_\_\_\_\_  
T. Penn \_\_\_\_\_  
T. Miss \_\_\_\_\_

T. Devonian \_\_\_\_\_  
T. Silurian \_\_\_\_\_  
T. Montoya \_\_\_\_\_  
T. Simpson \_\_\_\_\_  
T. McKee \_\_\_\_\_  
T. Ellenburger \_\_\_\_\_  
T. Gr. Wash \_\_\_\_\_  
T. Granite \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_

T. Ojo Alamo \_\_\_\_\_  
T. Kirtland-Fruitland \_\_\_\_\_  
T. Farmington \_\_\_\_\_  
T. Pictured Cliffs \_\_\_\_\_  
T. Cliff House \_\_\_\_\_  
T. Venefee \_\_\_\_\_  
T. Point Lookout \_\_\_\_\_  
T. Mancos \_\_\_\_\_  
T. Dakota \_\_\_\_\_  
T. Morrison \_\_\_\_\_  
T. Penn \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_

(Please supply required information on reverse side of form)

Date first oil run to tanks or gas to pipe line: May 23rd, 1952

Pipe line taking oil or gas: Artesia Pipe Line Company

Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

R. D. Collier  
Company or Operator  
By: [Signature]  
Signature  
Position: Owner

Send communications regarding well to:

Name: R. D. Collier

Address: Box 798, Artesia, New Mexico

APPROVED JUN 2 1952 , 19

OIL CONSERVATION COMMISSION

By: [Signature]

Title: OIL AND GAS INSPECTOR