

**Santa Fe, New Mexico**

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**Cities Service Oil Company**  
(Company or Operator)

Nelson  
(Lynn)

Well No. 1, in SE ¼ of SE ¼, of Sec. 19, T. 11-S, R. 25-E, NMPM.

**Undesignated**

**Chaves**

Well is 240 feet from East line and 1146 feet from South line

of Section 19 If State Land the Oil and Gas Lease No. is.....

Drilling Commenced December 1, 1958 Drilling was Completed December 19, 1958

Name of Drilling Contractor..... **Company** .....

Address..... Box 868..... Roswell, New Mexico.....

Elevation above sea level at Top of Tubing Head.....3531' ground..... The information given is to be kept confidential until  
....., 19.....

## OIL SANDS OR ZONES

No. 1, from none to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from none to feet.

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 3, from ..... to ..... feet.

No. 4, from.....to.....feet.....

## CASING RECORD

| SIZE | WEIGHT<br>PER FOOT | NEW OR<br>USED | AMOUNT | KIND OF<br>SHOE | CUT AND<br>PULLED FROM | PERFORATIONS | PURPOSE |
|------|--------------------|----------------|--------|-----------------|------------------------|--------------|---------|
| 5½"  |                    | used           | 19'    | open            |                        |              |         |
| 6"   |                    |                | 438'   | mudded          | none                   | none         | none    |
|      |                    |                |        |                 |                        |              |         |
|      |                    |                |        |                 |                        |              |         |

### MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 7 7/8"       | 5 1/2          | 19        | none                | mudded      |             |                    |
| 4 3/4        | 6              | 438       | none                | mudded      |             |                    |
|              |                |           |                     |             |             |                    |
|              |                |           |                     |             |             |                    |

### RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

|                                       |                       |   |
|---------------------------------------|-----------------------|---|
| Result of Production Stimulation..... | Plugged and abandoned | This was a core hole not a development well |
|---------------------------------------|-----------------------|---|

.....**Depth Cleaned Out**.....

# RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

## TOOLS USED

Rotary tools were used from 0 feet to 1087 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing, 19

OIL WELL: The production during the first 24 hours was barrels of liquid of which % was  
was oil; % was emulsion; % water; and % was sediment. A.P.I.  
Gravity

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of  
liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

### Southeastern New Mexico

### Northwestern New Mexico

|                   |                |                       |
|-------------------|----------------|-----------------------|
| T. Anhy           | T. Devonian    | T. Ojo Alamo          |
| T. Salt           | T. Silurian    | T. Kirtland-Fruitland |
| B. Salt           | T. Montoya     | T. Farmington         |
| T. Yates          | T. Simpson     | T. Pictured Cliffs    |
| T. 7 Rivers       | T. McKee       | T. Menefee            |
| T. Queen          | T. Ellenburger | T. Point Lookout      |
| T. Grayburg       | T. Gr. Wash    | T. Mancos             |
| T. San Andres 473 | T. Granite     | T. Dakota             |
| T. Glorieta       | T.             | T. Morrison           |
| T. Drinkard       | T.             | T. Penn               |
| T. Tubbs          | T.             | T.                    |
| T. Abo            | T.             | T.                    |
| T. Penn           | T.             | T.                    |
| T. Miss           | T.             | T.                    |

## FORMATION RECORD

| From | To  | Thickness<br>in Feet | Formation  | From | To   | Thickness<br>in Feet | Formation                 |
|------|-----|----------------------|--|------|------|----------------------|---------------------------|
| 0    | 20  | 20                   | Surface soil, some gyp.                                | 800  | 830  | 30                   | anhy. dol. with scattered |
| 20   | 40  | 20                   | Gyp., red  |      |      |                      | dol. sand, white to gray  |
| 40   | 70  | 30                   | course gray sand, red                                  | 830  | 955  | 125                  | gray to tan Dol.          |
| 70   | 80  | 10                   | red shale  | 955  | 1087 | 132                  | tan to gray lime          |
| 80   | 110 | 30                   | course grav. sand, red                                 |      |      |                      |                           |
| 110  | 170 | 60                   | red, silty clay  |      |      |                      |                           |
| 170  | 200 | 30                   | gray to white sand some red<br>clay                    |      |      |                      |                           |
| 200  | 230 | 30                   | sand, red fine grain, limy                             |      |      |                      |                           |
| 230  | 320 | 90                   | red silty shale  |      |      |                      |                           |
| 320  | 400 | 80                   | red shale with lime pebbles<br>and some scattered sand |      |      |                      |                           |
| 400  | 440 | 40                   | red siltstone, some white<br>gyp.                      |      |      |                      |                           |
| 440  | 450 | 10                   | lime, tan, gray dol.                                   |      |      |                      |                           |
| 450  | 470 | 20                   | red siltstone  |      |      |                      |                           |
| 470  | 570 | 100                  | tan lime   |      |      |                      |                           |
| 570  | 580 | 10                   | gray gyp.  |      |      |                      |                           |
| 580  | 630 | 50                   | tan lime with scattered gyp.                           |      |      |                      |                           |
| 630  | 670 | 50                   | gray tan dol.  |      |      |                      |                           |
| 670  | 690 | 20                   | tan lime   |      |      |                      |                           |
| 690  | 740 | 50                   | tan to black dol.                                      |      |      |                      |                           |
| 740  | 752 | 12                   | gyp, gray to white                                     |      |      |                      |                           |
| 752  | 800 | 48                   | dol. tan to black                                      |      |      |                      |                           |

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far  
as can be determined from available records.

January 12, 1959

(Date)

Company or Operator Cities Service Oil Company

Address Box 868 Roswell, New Mexico

Name Emmett Williams

Position Title District Landman