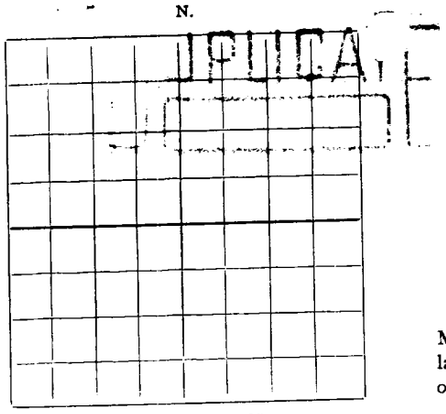
(Revised 7/1/52)
(Form C-105)

N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

# WELL RECORD

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.

Cities Service Oil Company (Company or Operator) State "AC" (Lease)

Well No. 1, in NE ¼ of NE ¼, of Sec. 9, T. 15 S, R. 33 E, NMPM.

Undesignated Pool, Lea County.

Well is 660' feet from North line and 660' feet from East line of Section 9-15S-33E. If State Land the Oil and Gas Lease No. is Unknown

Drilling Commenced April 29, 19 52 Drilling was Completed July 24, 19 52

Name of Drilling Contractor Loffland Bros. Company

Address Tulsa, Oklahoma

Elevation above sea level at Top of Tubing Head 4206' The information given is to be kept confidential until -, 19 -

## OIL SANDS OR ZONES

No. 1, from 9910' to 9930' No. 4, from 9973' to 9984'

No. 2, from 9937' to 9950' No. 5, from 9990' to 9996'

No. 3, from 9957' to 9962' 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 - to - feet. -

No. 2, from - to - feet. -

No. 3, from - to - feet. -

No. 4, from - to - feet. -

## CASING RECORD

| SIZE | WEIGHT PER FOOT | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|---|---|---|---|---|---|---|---|
| 13 3/8" | 48# | New&Used | 306.6' | Larkin | - | - | - |
| 8 5/8" | 24#&32# | New | 4267.5' | Baker | - | - | - |
| 5 1/2" | 15.5#&17# | New | 10038.07' | Baker | - | 2 Shots/ft-220 shots 9910'-9996' | Oil Prod. |

## MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|---|---|---|---|---|---|---|
| 17 1/4" | 13 3/8" | 323' | 300 | Plug | - | - |
| 11" | 8 5/8" | 4280' | 2150 | Plug | - | - |
| 7 7/8" | 5 1/2" | 10050' | 550 | Plug | - | - |

## RECORD OF PRODUCTION AND STIMULATION

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

This well was neither shot nor acidized

Result of Production Stimulation -

- Depth Cleaned Out -

## RECORD OF DRILL-STEM AND SPECIAL TEST

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 10,050' feet, and from - feet to - feet.

Cable tools were used from - feet to - feet, and from - feet to - feet.

### PRODUCTION

Put to Producing July 21, 1952

OIL WELL: The production during the Potential Test was 242.60 barrels of liquid of which 71 % was was oil; -0- % was emulsion; 29 % water; and -0- % was sediment. A.P.I. Gravity 41.1 deg

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 1520' | T. Devonian | T. Ojo Alamo |
| T. Salt | T. Silurian | T. Kirtland-Fruitland |
| B. Salt | T. Montoya | T. Farmington |
| T. Yates 2662' | 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 4211' | T. Granite | T. Dakota |
| T. ~~Glorieta~~ Clearfork 6385' | T. | T. Morrison |
| T. ~~Drinkard~~ Fullerton 7020' | T. | T. Penn |
| T. Tubbs | T. | T. |
| T. Abo 7780' | T. | T. |
| T. ~~Penn~~ Hueco 9144' | T. | T. |
| T. Miss | T. | T. |

### FORMATION RECORD

| From | To | Thickness in Feet | Formation |
|---|---|---|---|
| 0 | 21 | 21 | Caliche |
| 21 | 265 | 244 | Caliche & red bed |
| 265 | 394 | 129 | Red bed |
| 394 | 994 | 600 | Red bed and shells |
| 994 | 1661 | 667 | Red bed and shale |
| 1661 | 2575 | 914 | Anhy and salt |
| 2575 | 2820 | 245 | Anhydrite and shells |
| 2820 | 3005 | 185 | Anhydrite shells & gyp |
| 3005 | 3200 | 195 | Anhydrite and gyp |
| 3200 | 3345 | 145 | Anhy and shale |
| 3345 | 3473 | 128 | Anhy, gyp and shale |
| 3473 | 3533 | 60 | Anhydrite, gyp & dolomite |
| 3533 | 3630 | 97 | Anhy, gyp and salt |
| 3630 | 3714 | 84 | Anhy and gyp |
| 3714 | 3828 | 114 | Anhy gyp and salt |
| 3828 | 4088 | 260 | Anhy and gyp |
| 4088 | 4143 | 55 | Shale and shells |
| 4143 | 4232 | 89 | Shale and lime |
| 4232 | 4267 | 35 | Lime and shells |
| 4267 | 4730 | 463 | Lime |
| 4730 | 4833 | 103 | Lime and shale |
| 4833 | 4970 | 137 | Lime |
| 4970 | 5022 | 52 | Lime and sand |
| 5022 | 5387 | 365 | Lime |
| 5387 | 5790 | 403 | Lime and sand |
| 5790 | 5860 | 70 | Lime |
| 5860 | 5911 | 51 | Lime and sand |
| 5911 | 5930 | 19 | Lime |
| 5930 | 5987 | 57 | Lime and shale |
| 5987 | 6021 | 34 | Lime, shale and gyp |
| 6021 | 6087 | 66 | Lime |
| 6087 | 6188 | 101 | Lime, shale and gyp |
| 6188 | 6240 | 52 | Lime and shale |
| 6240 | 6283 | 43 | Lime |
| 6283 | 6375 | 92 | Lime, shale and gyp |
| 6375 | 6401 | 26 | Lime and shale |
| 6401 | 6409 | 8 | Lime |
| 6409 | 6485 | 76 | Lime and shale |
| 6485 | 6536 | 51 | Lime and gyp |
| 6536 | 6570 | 34 | Lime, shale and gyp |
| 6570 | 6690 | 120 | Lime |
| 6690 | 6735 | 45 | Lime and shale |
| 6735 | 6763 | 28 | Lime |
| 6763 | 6815 | 52 | Lime, shale and gyp |
| 6815 | 6897 | 82 | Lime |
| 6897 | 6926 | 29 | Lime and shale |
| 6926 | 6990 | 64 | Lime |
| 6990 | 7037 | 47 | Lime and shale |
| 7037 | 7238 | 201 | Lime |
| 7238 | 7270 | 32 | Lime, shale and sand |
| 7270 | 7301 | 31 | Lime |
| 7301 | 7320 | 19 | Lime and shale |

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED (Continued)

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.

July 31, 1952 (Date)

Company or Operator Cities Service Oil

Address Box 97, Hobbs, New Mexico

Name H. E. Massey

Position or Title District Engineer