

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

|                           |     |
|---------------------------|-----|
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| SANTA FE                  |     |
| FILE                      |     |
| U.S.G.S.                  |     |
| LAND OFFICE               |     |
| TRANSPORTER               | OIL |
|                           | GAS |
| PRODUCTION OFFICE         |     |
| OPERATOR                  |     |

|  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|
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SEP 27 3 47 PM '66

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

Cities Service Oil Company

State BN

AREA 640 ACRES  
LOCATE WELL CORRECTLY

(Company or Operator) (Lease)

Well No. 2 in SW  $\frac{1}{4}$  of SW  $\frac{1}{4}$  of Sec. 14, T. 10S, R. 32E, NMPM.

Mescalero - San Andres Pool, Lea County.

Well is 660 feet from South line and 660 feet from West line of Section 14. If State Land the Oil and Gas Lease No. is OG-361.

Drilling Commenced 8-31, 1963 Drilling was Completed 9-22-, 1963

Name of Drilling Contractor Cactus Drilling Company

Address First Savings Building, San Angelo, Texas

Elevation above sea level at Top of Tubing Head 4331 The information given is to be kept confidential until       , 19      .

## OIL SANDS OR ZONES

No. 1, from 4074 to 4144 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        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    |
|--------|-----------------|-------------|--------|--------------|---------------------|---------------------------------------|------------|
| 8 5/8" | 24#             | New         | 372    |              | -                   | -                                     | Surface    |
| 4 1/2" | 9.5#            | Used        | 4487   | Larkins      | -                   | 4074-4101;<br>4112-4131;<br>4136-4144 | Production |
|        |                 |             |        |              |                     |                                       |            |
|        |                 |             |        |              |                     |                                       |            |

## MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 12 1/4       | 8 5/8"         | 384       | 300                 | Pump        | -           | -                  |
| 7 7/8        | 4 1/2"         | 4497.5    | 250 Posmix          | Pump        | -           | -                  |
|              |                |           | 100 Encor           |             |             |                    |
|              |                |           |                     |             |             |                    |

## RECORD OF PRODUCTION AND STIMULATION

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

Used 2500 gallons gelled acid (perf. 4074-4101', 4112-31', 4136-44') Max. pressure 400#, broke to vacuum @ 2.4 bbls/min. Total load 70 bbls. Swabbed acid and load water.

Result of Production Stimulation Well started flowing at 40#. Flowing at the rate of 535 bbls. oil and 0 water w/GOR 15/1

Depth Cleaned Out 4180

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 4500 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 9-24 63, 1963  
OIL WELL: The production during the first 24 hours was 535 barrels of liquid of which 100 was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 16.50  
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..... <b>1577</b>       | T. Devonian.....    | T. Ojo Alamo.....          |  |
| T. Salt.....                   | T. Silurian.....    | T. Kirtland-Fruitland..... |  |
| B. Salt.....                   | T. Montoya.....     | T. Farmington.....         |  |
| T. Yates..... <b>2213</b>      | T. Simpson.....     | T. Pictured Cliffs.....    |  |
| T. 7 Rivers.....               | T. McKee.....       | T. Menefee.....            |  |
| T. Queen..... <b>2857</b>      | T. Ellenburger..... | T. Point Lookout.....      |  |
| T. Grayburg.....               | T. Gr. Wash.....    | T. Mancos.....             |  |
| T. San Andres..... <b>3419</b> | T. Granite.....     | T. Dakota.....             |  |
| T. Glorieta.....               | T. ....             | T. Morrisot.....           |  |
| 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 in Feet | Formation                 | From       | To   | Thickness in Feet | Formation |
|------|------|-------------------|---------------------------|------------|------|-------------------|-----------|
| 0    | 280  |                   | Sand, caliche             | 3471       | 3632 |                   | Lime      |
| 280  | 811  |                   | Red Bed                   | 3632       | 3720 |                   | Dolo      |
| 811  | 1536 |                   | Red bed & shale           | 3720       | 4500 |                   | Lime      |
| 1536 | 2195 |                   | Anhy. & salt              |            |      |                   |           |
| 2195 | 2245 |                   | Cored, anhy, salt & shale |            |      |                   |           |
| 2245 | 2750 |                   | Anhy & salt               |            |      |                   |           |
| 2750 | 2945 |                   | Cored, shale, anhy & salt |            |      |                   |           |
| 2945 | 2999 |                   | Anhy & salt               |            |      |                   |           |
| 2999 | 3049 |                   | Cored, salt, shale & Anhy | TO 4500'   |      |                   |           |
| 3049 | 3285 |                   | Shale & salt              | PBTD 4180' |      |                   |           |
| 3285 | 3416 |                   | Anhy                      |            |      |                   |           |
| 3416 | 3471 |                   | Anhy & Dolo               |            |      |                   |           |

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.

September 27, 1963

Company or Operator Cities Service Oil Co. Address Box 69 - Hobbs, New Mexico  
Name J. Edgar L. Robertson District Clerk  
Position Title