



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. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

Cities Service Petroleum Company
(Company or Operator)

Hodges "B"
(Lease)

Well No. 3, in NW 1/4 of SW 1/4, of Sec. 1, T. 25-S, R. 37-E, NMPM.
Undesignated Pool, Lea County.

Well is 330 feet from West line and 1880 feet from South line
of Section 1. If State Land the Oil and Gas Lease No. is .

Drilling Commenced November 16, 1961. Drilling was Completed December 18, 1961.

Name of Drilling Contractor Parker Drilling Company.

Address Tulsa, Oklahoma

Elevation above sea level at Top of Tubing Head 3118' GR. The information given is to be kept confidential until , 19.

OIL SANDS OR ZONES

No. 1, from 5083' to 5670' No. 4, from - to -
No. 2, from 5760' to 6294' No. 5, from - to -
No. 3, from 6930' to 7224' 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 | 479.99' | Texas Pat | - | - | Surface |
| 9-5/8" | 36# | New | 3382' | Guiberson | - | - | Intermediate |
| 7"-7-5/8" | 20, 23, & 26.4# | New & Us. | 7214' | Rector | - | 7118'-7130'; 7150'-7180' | 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 |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 17 1/2" | 13-3/8" | 502.89' | 500 | Plug | - | - |
| 12 1/4" | 9-5/8" | 3400' | 2550 | Plug | - | - |
| 8-3/4" | 7"-7-5/8" | 7220' | 750 | Plug | - | - |

RECORD OF PRODUCTION AND STIMULATION

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

5,500 gallon Mud Acid and regular acid

Result of Production Stimulation 344 bbls. oil 8 hours 30 minutes, FTP 250#, 24/64" choke,
Gravity 46.5.

Depth Cleaned Out 7220' PBTD

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 7224 feet, and from - feet to - feet.
Cable tools were used from - feet to - feet, and from - feet to - feet.

PRODUCTION

Put to Producing December 23, 1961
Rated
OIL WELL: The production during the first 24 hours was 365.2 barrels of liquid of which 100 % was
was oil; - % was emulsion; - % water; and - % was sediment. A.P.I.
Gravity 36.3
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. Salt..... | | T. Silurian..... | |
| B. Salt..... | | T. Montoya..... | <u>7202'</u> |
| T. Yates..... | | T. Simpson..... | |
| T. 7 Rivers..... | | T. McKee..... | |
| T. Queen..... | | T. Ellenburger..... | |
| T. Grayburg..... | | T. Gr. Wash..... | |
| T. San Andres..... | <u>3603'</u> | T. Granite..... | |
| T. Glorieta..... | <u>4657'</u> | T. <u>Alinebry</u> | <u>5083'</u> |
| T. Drinkard..... | <u>5760'</u> | T. <u>Siluro-Dev.</u> | <u>6885'</u> |
| T. Tubbs..... | <u>5670'</u> | T. <u>Fusselman</u> | <u>6930'</u> |
| T. Abo..... | <u>5284'</u> | T. | |
| T. Penn..... | | T. | |
| T. Miss..... | | T. | |

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|---|--------------|----------------------|-------------------------------|------|----|----------------------|-----------|
| | <u>447'</u> | <u>447'</u> | <u>Surface soil, caliche,</u> | | | | |
| | | | <u>red bed</u> | | | | |
| <u>447'</u> | <u>505'</u> | <u>58'</u> | <u>Red bed, Sand</u> | | | | |
| <u>505'</u> | <u>676'</u> | <u>171'</u> | <u>Red bed</u> | | | | |
| <u>676'</u> | <u>1320'</u> | <u>644'</u> | <u>Anhydrite, Salt</u> | | | | |
| <u>1320'</u> | <u>2210'</u> | <u>890'</u> | <u>Salt, Anhydrite</u> | | | | |
| <u>2210'</u> | <u>2297'</u> | <u>87'</u> | <u>Anhydrite, Salt</u> | | | | |
| <u>2297'</u> | <u>2652'</u> | <u>355'</u> | <u>Anhydrite, Lime</u> | | | | |
| <u>2652'</u> | <u>2755'</u> | <u>103'</u> | <u>Lime</u> | | | | |
| <u>2755'</u> | <u>2826'</u> | <u>71'</u> | <u>Lime, Anhydrite</u> | | | | |
| <u>2826'</u> | <u>6932'</u> | <u>4106'</u> | <u>Lime</u> | | | | |
| <u>6932'</u> | <u>7000'</u> | <u>68'</u> | <u>Lime, Chert</u> | | | | |
| <u>7000'</u> | <u>7220'</u> | <u>220'</u> | <u>Lime, Sand</u> | | | | |
| <p>TD on daily drilling log shown as 7220', corrected TD by Welox 7224'.</p> <p>PBTD 7220'.</p> | | | | | | | |

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.

Company or Operator Cities Service Petroleum Company Address Box 97 - Hobbs, New Mexico
Name George M. Geyer Position District Superintendent
Date Dec. 26, 1961 (Date)