



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. If State Land submit 6 Copies

Phillips Petroleum Company
(Company or Operator)

Santa Fe
(Lease)

Well No. 61, in SW $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 34, T. 17-S, R. 35-E, NMPM.
Undesignated (East Vacuum Abo) Pool, Lea County.

Well is 2080 feet from north line and 2080 feet from east line
of Section 34. If State Land the Oil and Gas Lease No. is B-2519

Drilling Commenced 12-12-61, 19____. Drilling was Completed 1-12-62, 19____.

Name of Drilling Contractor Phillips Petroleum Company Rig 18

Address Bartlesville, Oklahoma

Elevation above sea level at Top of Tubing Head 3925' DF. The information given is to be kept confidential until
Not confidential, 19____.

OIL SANDS OR ZONES

No. 1, from 8618 to 9100' (TD) 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 SECT | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|--------|-----------------|-------------|--------|--------------|---------------------|--------------|--------------|
| 13-3/8 | 48 | New | 318' | Hallib | | | Surface |
| 8-5/8 | 32,24 | New | 3234' | " | | | Intermediate |
| 5-1/2 | 14,15,17 | New | 9083' | " | | 8698-8912 | 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 | 334' | 350 | Pump-plug | | |
| 11 | 8-5/8 | 3250' | 400 | " | | |
| 7-7/8 | 5-1/2 | 9099' | 656 | " | | |

RECORD OF PRODUCTION AND STIMULATION

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

Acidized with 1000 gallons 15% regular acid.

Result of Production Stimulation Flowed 24 hours, 532 barrels oil, no water, GOR 14.53

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 surface feet to TD (9100!) feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing January 17, 1962

OIL WELL: The production during the first 24 hours was 1066 barrels of liquid of which 99.96% was
was oil; % was emulsion; % water; and .04% was sediment. A.P.I.
Gravity 39.3

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. Rustler | 1639 | | T. Devonian | | T. Ojo Alamo |
| T. Salt | | | T. Silurian | | T. Kirtland-Fruitland |
| B. Salt | | | T. Montoya | | T. Farmington |
| T. Yates | 2950 | | T. Simpson | | T. Pictured Cliffs |
| T. 7 Rivers | | | T. McKee | | T. Menefee |
| T. Queen | 3858 | | T. Ellenburger | | T. Point Lookout |
| T. Grayburg | 4143 | | T. Gr. Wash | | T. Mancos |
| T. San Andres | 4451 | | T. Granite | | T. Dakota |
| T. Glorieta | 6217 | | T. | | T. Morrison |
| T. Montoya Clearfork | 6296 | | T. | | T. Penn |
| T. Tubbs | | | T. | | T. |
| T. Abo | 8618 | | 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 | 513 | 513 | Redbeds | | | | |
| 513 | 3310 | 2797 | Redbeds, salt, anhydrite | | | | |
| 3310 | 9100 | 5790 | Dolomite | | | | |
| | TD | | | | | | |

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 18, 1962

(Date)

Company or Operator Phillips Petroleum Company

Address P.O. Box 2105, Hobbs, New Mexico

Name

Position or Title District Chief Clerk