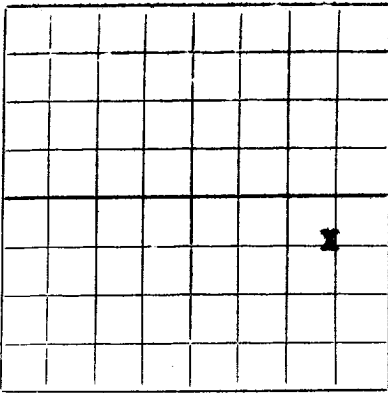


AREA 640 ACRES  
LOCATE WELL CORRECTLYNEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

## 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 QUINTUPPLICATE.

Malco Resler Yates

State 647

(Company or Operator)

(Lease)

Well No. 120, in NE 1/4 of SE 1/4, of Sec. 15, T. 18, R. 28, NMPM.

Artesia

Pool,

Eddy

County.

Well is 1980 feet from south line and 660 feet from east line

of Section 15. If State Land the Oil and Gas Lease No. is 647

Drilling Commenced July 7, 1954 Drilling was Completed August 13, 1954

Name of Drilling Contractor S. P. Yates Drilling Co.

Address Artesia, New Mexico

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

## OIL SANDS OR ZONES

No. 1, from 2500 to 2555 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              | Used        | 538    | Regular      |                     |              |         |
| 7     | 20              | New         | 2459   | Float        |                     |              |         |
|       |                 |             |        |              |                     |              |         |
|       |                 |             |        |              |                     |              |         |

## 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           | 8 5/8          | 538       | 100                 | Halliburton |             |                    |
| 8 1/2        | 7              | 2459      | 100                 | "           |             |                    |
|              |                |           |                     |             |             |                    |
|              |                |           |                     |             |             |                    |

## RECORD OF PRODUCTION AND STIMULATION

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

Send oil treatment w/10,000 gallons Famariss oil and 15,000lbh sand.

Result of Production Stimulation Increased production from 8 gallons an hour to 10 bbls. per hr.

Depth Cleaned Out 2555

RECORD OF DRILL-STEM AND SPECIAL 1 15

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 2555 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing August 13, 1954  
OIL WELL: The production during the first 24 hours was 240 barrels of liquid of which 100% was oil; 36% 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 650             | T. Montoya     | T. Farmington           |  |
| T. Yates                | T. Simpson     | T. Pictured Cliffs      |  |
| T. 7 Rivers             | T. McKee       | T. Menefee              |  |
| T. Queen 1803           | T. Ellenburger | T. Point Lookout        |  |
| T. Grayburg             | T. Gr. Wash    | T. Mancos               |  |
| T. San Andres           | 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 in Feet | Formation              | From | To | Thickness in Feet | Formation |
|------|------|-------------------|------------------------|------|----|-------------------|-----------|
| 0    | 300  |                   | Red bed                |      |    |                   |           |
| 300  | 330  |                   | Anhydrite              |      |    |                   |           |
| 330  | 335  |                   | Red bed                |      |    |                   |           |
| 335  | 375  |                   | Anhydrite & red mud    |      |    |                   |           |
| 375  | 460  |                   | Red rock and anhydrite |      |    |                   |           |
| 460  | 495  |                   | Red rock               |      |    |                   |           |
| 495  | 520  |                   | Anhydrite              |      |    |                   |           |
| 520  | 538  |                   | Anhydrite and salt     |      |    |                   |           |
| 538  | 650  |                   | Salt                   |      |    |                   |           |
| 650  | 1793 |                   | Anhydrite              |      |    |                   |           |
| 1793 | 1830 |                   | Red sand               |      |    |                   |           |
| 1830 | 1958 |                   | Anhydrite              |      |    |                   |           |
| 1958 | 1970 |                   | Anhydrite and sand     |      |    |                   |           |
| 1970 | 2030 |                   | Anhydrite              |      |    |                   |           |
| 2030 | 2060 |                   | Sand                   |      |    |                   |           |
| 2060 | 2110 |                   | Anhydrite              |      |    |                   |           |
| 2110 | 2555 |                   | Lime                   |      |    |                   |           |

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.

August 17, 1954

Company or Operator Malco Resler Yates  
Name

Address CARPER BLDG. Artesia, New Mexico  
Position or Title Sec Oper Comm