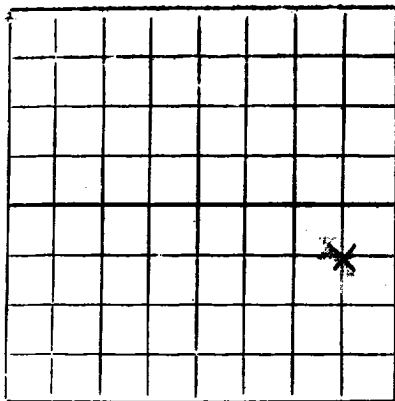




AREA 640 ACRES  
LOCATE WELL CORRECTLY

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

SEP 2 8 1958

## 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

C. L. East State  
(Company or Operator) (Lease)  
Well No. 3, in NE 1/4 of SE 1/4, of Sec. 33, T. 17S, R. 29E, NMPM.  
Grayburg Jackson Pool, Eddy County.  
Well is 1980 feet from South line and 880 feet from East line  
of Section 33. If State Land the Oil and Gas Lease No. is E-537.  
Drilling Commenced June 11, 1958. Drilling was Completed August 31, 1958.  
Name of Drilling Contractor C. L. East  
Address Box 1041 Artesia, New Mexico  
Elevation above sea level at Top of Tubing Head 3542. The information given is to be kept confidential until  
, 19.

### OIL SANDS OR ZONES

No. 1, from 2717 to 2722 No. 4, from 3191 to  
No. 2, from 3004 to Total Depth 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 | 32 lb.          | New         | 355 ft.  | Tex. Pat     |                     |              | Surface    |
| 5 1/2 | 17              | "           | 3014 ft. | H.P.S.       |                     | 2715 to 2725 | Production |

### MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. BAGS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|--------------------|-------------|-------------|--------------------|
| 10           | 8 5/8          | 355'      | 25                 | Denton      |             |                    |
| 8            | 5 1/2          | 3014'     | 100                | Cement Co   |             |                    |

### RECORD OF PRODUCTION AND STIMULATION

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

Sept. 1, 1958 -- acidized with 500 gal. acid at bottom pay  
Sept. 2, 1958 -- acidized with 1500 gal acid at bottom pay  
Sept. 3, 1958 -- acidized with 2500 gal. acid at bottom pay  
Sept. 10, 1958 -- Perforated 2715 to 2725. Frac. with 1500 gal. oil, 20,000 sand #  
Result of Production Stimulation Increased flow from 1 1/2 gal. per hour before fracturing  
to approx. 4 bbl. per hour. Flowing 20 min at 2 hour intervals.  
Depth Cleaned Out 3191

# B. LOG 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 3191 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## PRODUCTION

Put to Producing September 11, 1958  
OIL WELL: The production during the first 24 hours was 45 barrels of liquid of which 100 % was  
was oil; \_\_\_\_\_ % was emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % was sediment. A.P.I.  
Gravity approx. 37  
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.                | <u>345</u>              |                       | T. Devonian.            |  | T. Ojo Alamo.          |
| T. Salt.                | <u>750 Drillers Log</u> |                       | T. Silurian.            |  | T. Kirtland-Fruitland. |
| B. Salt.                |                         |                       | T. Montoya.             |  | T. Farmington.         |
| T. Yates.               |                         |                       | T. Simpson.             |  | T. Pictured Cliffs.    |
| T. 7 Rivers.            | <u>1945</u> )           | } geologist<br>report | T. McKee.               |  | T. Menefee.            |
| T. Queen.               |                         |                       | T. Ellenburger.         |  | T. Point Lookout.      |
| T. Grayburg.            | <u>2805</u> )           |                       | 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<br>in Feet | Formation          | From | To   | Thickness<br>in Feet | Formation            |
|------|------|----------------------|--------------------|------|------|----------------------|----------------------|
| 0    | 25   | 25                   | Topsoil            | 1755 | 1945 | 193                  | Anhy                 |
| 25   | 105  | 80                   | Sand & Redbed      | 1945 | 1969 | 21                   | Sand                 |
| 105  | 345  | 240                  | Anhydride          | 1969 | 1995 | 26                   | Red Sand             |
| 345  | 750  | 405                  | Salt               | 1995 | 2215 | 220                  | Anhy                 |
| 750  | 930  | 180                  | Anhy               | 2215 | 2227 | 12                   | Sand & Lime          |
| 930  | 960  | 30                   | Anhy & Sandy Shale | 2227 | 2235 | 8                    | Anhy                 |
| 960  | 975  | 15                   | Shale & Sand       | 2235 | 2265 | 30                   | Anhy & Sand          |
| 975  | 985  | 10                   | Anhy               | 2265 | 2290 | 25                   | Sandy Shale & Anhyd. |
| 985  | 1005 | 20                   | Salt Rock          | 2290 | 2350 | 60                   | Anhy                 |
| 1005 | 1020 | 15                   | Anhy & Sand        | 2350 | 2395 | 45                   | Anhy & Lime Shells   |
| 1020 | 1055 | 35                   | Anhy & Shale       | 2395 | 2548 | 153                  | Lime                 |
| 1055 | 1245 | 190                  | Anhy               | 2548 | 2554 | 6                    | Sand                 |
| 1245 | 1290 | 45                   | Shale              | 2554 | 2600 | 46                   | Lime                 |
| 1290 | 1370 | 80                   | Anhy               | 2600 | 2618 | 18                   | Sandy Lime           |
| 1370 | 1386 | 16                   | Lime Shells        | 2618 | 2664 | 46                   | Lime                 |
| 1386 | 1395 | 9                    | Anhy & Lime Shells | 2664 | 2689 | 25                   | Sandy Lime           |
| 1395 | 1710 | 315                  | Anhy               | 2689 | 2717 | 28                   | Lime                 |
| 1710 | 1755 | 45                   | Anhy & Shale       | 2717 | 2722 | 5                    | Sandy Lime           |
|      |      |                      |                    | 2722 | 2735 | 13                   | White Lime           |
|      |      |                      |                    | 2735 | 2745 | 10                   | Sandy Lime           |
|      |      |                      |                    | 2745 | 2779 | 34                   | Pink Lime            |
|      |      |                      |                    | 2779 | 2790 | 11                   | Lime Shale           |
|      |      |                      |                    | 2790 | 2799 | 9                    | Gray Lime            |
|      |      |                      |                    | 2799 | 2805 | 6                    | Pink 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.

Company or Operator C. L. East Address September 23, 1958 (Date)  
Box 1041, Artesia, N.M.  
Name R. J. McQuay Position or Title Agent