

# 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

**Cabot Carbon Company**  
(Company or Operator)

**State of New Mexico "C"**  
(Lease)

Well No. **2**, in **NW**  $\frac{1}{4}$  of **NW**  $\frac{1}{4}$  of Sec. **36**, T. **13-S**, R. **37-E**, NMPM.

**King-Devonian**

Pool, **Lee** County.

Well is **440** feet from **West** line and **990** feet from **North** line

of Section **36**. If State Land the Oil and Gas Lease No. is **E-8176**

Drilling Commenced **January 29, 1957** Drilling was Completed **April 29, 1957**

Name of Drilling Contractor **A. W. Thompson, Inc.**

Address **P. O. Box 992, Odessa, Texas**

Elevation above sea level at Top of Tubing Head **3846.8** The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_

### OIL SANDS OR ZONES

No. 1, from **9,210** to **9,400** No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from **12,290** to **12,615** 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                  |
|----------------|--------------------|-------------|---------------|--------------|---------------------|--------------|--------------------------|
| <b>13-3/8"</b> | <b>4.84</b>        | <b>New</b>  | <b>365</b>    | <b>Baker</b> |                     |              | <b>Surface Casing</b>    |
| <b>8-5/8"</b>  | <b>24.3, 32.4</b>  | <b>New</b>  | <b>4586</b>   | <b>Baker</b> |                     |              | <b>Intermediate Csg.</b> |
| <b>5-1/2"</b>  | <b>17.20, 23.2</b> | <b>New</b>  | <b>12,532</b> | <b>Howee</b> |                     |              | <b>Oil String</b>        |
| <b>2" NUE</b>  | <b>4.70</b>        | <b>New</b>  | <b>12,609</b> |              |                     |              | <b>Tubing</b>            |

### MUDDING AND CEMENTING RECORD

| SIZE OF HOLE  | SIZE OF CASING | WHERE SET     | NO. SACKS OF CEMENT | METHOD USED  | MUD GRAVITY | AMOUNT OF MUD USED |
|---------------|----------------|---------------|---------------------|--------------|-------------|--------------------|
| <b>17"</b>    | <b>13-3/8"</b> | <b>365</b>    | <b>350</b>          | <b>Howee</b> |             |                    |
| <b>11"</b>    | <b>8-5/8"</b>  | <b>4,586</b>  | <b>2400</b>         | <b>Howee</b> |             |                    |
| <b>7-7/8"</b> | <b>5-1/2"</b>  | <b>12,532</b> | <b>700</b>          | <b>Howee</b> |             |                    |

### RECORD OF PRODUCTION AND STIMULATION

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

**Treated open hole from 12,545 to 12,615 with 7500 gallons regular acid through 2" NUE tubing behind Hookwall packer.**

Result of Production Stimulation \_\_\_\_\_

Depth Cleaned Out \_\_\_\_\_

# RI RD OF DRILL-STEM AND SPECIAL TEST

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 12,615 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing May 7, 1957

OIL WELL: The production during the first 24 hours was 180.00 barrels of liquid of which 100 % was  
was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I.  
Gravity 47°

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. 2210      | T. Devonian 12290 | T. Ojo Alamo          |
| T. Salt 2310       | T. Silurian       | T. Kirtland-Fruitland |
| B. Salt 3080       | T. Montoya        | T. Farmington         |
| T. Yates 3145      | T. Simpson        | T. Pictured Cliffs    |
| T. 7 Rivers        | T. McKee          | T. Menefee            |
| T. Queen 3925      | T. Ellenburger    | T. Point Lookout      |
| T. Grayburg        | T. Gr. Wash.      | T. Mancos             |
| T. San Andres 4540 | T. Granite        | T. Dakota             |
| T. Glorieta 6032   | T.                | T. Morrison           |
| T. Drinkard        | T.                | T. Penn.              |
| T. Tubbs 7295      | T.                | T.                    |
| T. Abo 7975        | T.                | T.                    |
| T. Penn.           | T.                | T.                    |
| T. Miss. 11404     | T.                | T.                    |

## FORMATION RECORD

| From      | To    | Thickness<br>in Feet | Formation                                   | From | To | Thickness<br>in Feet | Formation |
|-----------|-------|----------------------|---|------|----|----------------------|-----------|
| 0         | 315   | 315                  | Galiche, Sand & Lime                        |      |    |                      |           |
| 315       | 2210  | 1895                 | Red Beds                                    |      |    |                      |           |
| 2210      | 2310  | 100                  | Anhydrite                                   |      |    |                      |           |
| 2310      | 3080  | 770                  | Salt  |      |    |                      |           |
| 3080      | 4540  | 1460                 | Anhydrite w/sand Shale &<br>Sol. Stringers. |      |    |                      |           |
| 4540      | 6032  | 1492                 | Dolomite & Lime w/ch. Stringers.            |      |    |                      |           |
| 6032      | 6732  | 700                  | Dolomite, Anhy. Shale & Sand                |      |    |                      |           |
| 6732      | 7295  | 563                  | Dolomite, Sil. Cherty                       |      |    |                      |           |
| 7295      | 7452  | 157                  | Sand and Dolomite                           |      |    |                      |           |
| 7452      | 7975  | 523                  | Dolomite                                    |      |    |                      |           |
| 7975      | 9127  | 1152                 | Anhydrite, Shale & Dolomite                 |      |    |                      |           |
| 9127      | 9494  | 367                  | Dolomite & Chert                            |      |    |                      |           |
| 9494      | 9760  | 266                  | Lime w/shale & ch. Stringers.               |      |    |                      |           |
| 9760      | 9859  | 99                   | Lime & Red Shale                            |      |    |                      |           |
| 9859      | 10090 | 231                  | Lime w/shale & ch. Stringers                |      |    |                      |           |
| 10090     | 10215 | 125                  | Chert & Lime                                |      |    |                      |           |
| 10215     | 10654 | 439                  | Lime & Shale                                |      |    |                      |           |
| 10654     | 11148 | 494                  | Lime w/Dolomite & Shale Stringers.          |      |    |                      |           |
| 11148     | 11265 | 117                  | Sandy Lime, Sand & Shale                    |      |    |                      |           |
| 11265     | 11404 | 139                  | Lime & Shale                                |      |    |                      |           |
| 11404     | 12112 | 708                  | Lime & Chert                                |      |    |                      |           |
| 12112     | 12290 | 178                  | Gry & Blksh                                 |      |    |                      |           |
| 12290     | 12615 | 325                  | Dolomite                                    |      |    |                      |           |
| TD 12,615 |       |                      |   |      |    |                      |           |

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.

Percy C. O'Quinn 5-7-57  
(Date)

Company or Operator Cabot Carbon Company

Address Box 2095, Midland, Texas

Name Percy C. O'Quinn

Position or Title Field Superintendent