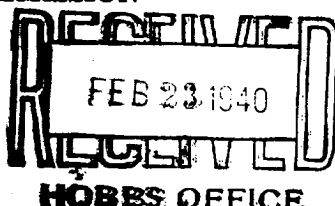


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## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



## WELL RECORD

|  |  |  |  |  |  |  |  |  |  |
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DUPLICATE

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

MARTIN YATES, JR.

Artesia, New Mexico

Company or Operator B-6811 Well No. 1 in SW 1/4 NE 1/4 of Sec. 2, T. 18  
 R. 29 N. M. P. M. Loco Hills Field, Eddy County.  
 Well is 2310 feet south of the North line and 1050 feet west of the East line of Sec. 2  
 If State land the oil and gas lease is No. B-6811 Assignment No. 1  
 If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_  
 If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_  
 The Lessee is Martin Yates, Jr. Address Artesia, New Mexico  
 Drilling commenced November 27th, 1939 Drilling was completed January 15th, 1940  
 Name of drilling contractor Martin Yates, Jr. Address Artesia, New Mexico  
 Elevation above sea level at top of casing \_\_\_\_\_ feet.  
 The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from 2653 to 2675 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 | THREADS PER INCH | MAKE | AMOUNT   | KIND OF SHOE | CUT & FILLED FROM | PERFORATED |                | PURPOSE |
|-----------------|-----------------|------------------|------|----------|--------------|-------------------|------------|----------------|---------|
|                 |                 |                  |      |          |              |                   | FROM       | TO             |         |
| 7" O. D. Casing |                 |                  |      | 2542 Ft. |              | 100 Sacks         | Cement     | and 5 Tons Mud |         |
| 8 1/2" Casing   |                 |                  |      | 477 Ft.  |              | 50 Sacks          | Cement.    |                |         |
|                 |                 |                  |      |          |              |                   |            |                |         |
|                 |                 |                  |      |          |              |                   |            |                |         |
|                 |                 |                  |      |          |              |                   |            |                |         |
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|                 |                 |                  |      |          |              |                   |            |                |         |
|                 |                 |                  |      |          |              |                   |            |                |         |

## MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
|              | 7" O. D.       |           | 100 Sacks           |             | 5 Tons mud  | used               |
|              | 8 1/2" Casing  |           | 50 Sacks            |             |             |                    |
|              |                |           |                     |             |             |                    |
|              |                |           |                     |             |             |                    |
|              |                |           |                     |             |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth Set \_\_\_\_\_  
 Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

| SIZE  | SHELL USED | EXPLOSIVE OR CHEMICAL USED | QUANTITY | DATE | DEPTH SHOT OR TREATED | DEPTH CLEANED OUT |
|---|------------|----------------------------|----------|------|-----------------------|-------------------|
| Shot well with 100 Quarts of Nitro-Glycerin from 2653' to 2675' on January 10-1940, work done by the New Mexico Glycerin Company. |            |                            |          |      |                       |                   |
|   |            |                            |          |      |                       |                   |
|   |            |                            |          |      |                       |                   |

Results of shooting or chemical treatment No production test taken before the shot, Well made 50 Barrels an hour after shot.

## 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 \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from 0 feet to 2675 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing January 15th, 1940 per hour  
 The production of the first 24 hours was 50 barrels of fluid of which 100 % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be 38°  
 If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

J. V. Sandlin Driller C. L. Blount Driller  
G. B. Greathouse Driller \_\_\_\_\_ Driller

## FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this 21st

Artesia, New Mexico Feb. 21-1940

day of February, 19 40Name Beth KingPosition SecretaryRepresenting MARTIN YATES, JR.Address Box 397

Artesia, New Mexico

My Commission expires October 15-1941

Notary Public

# FORMATION RECORD

| FROM | TO   | THICKNESS<br>IN FEET | FORMATION                 |
|------|------|----------------------|---------------------------|
| 0    | 8    |                      | Surface Sand              |
| 8    | 55   |                      | Gyp and Red Beds          |
| 55   | 135  |                      | Red Beds                  |
| 135  | 195  |                      | Red Rock                  |
| 195  | 235  |                      | Red Beds                  |
| 235  | 280  |                      | Sandy Red Rock            |
| 280  | 320  |                      | Gypsum, Gyp Shells        |
| 320  | 385  |                      | Red Beds                  |
| 385  | 420  |                      | Gypsum                    |
| 420  | 439  |                      | Red Beds                  |
| 439  | 470  |                      | Salt                      |
| 470  | 488  |                      | Anhydrite                 |
| 488  | 785  |                      | Salt                      |
| 785  | 840  |                      | White Salt                |
| 840  | 960  |                      | Salt                      |
| 960  | 2145 |                      | Anhydrite                 |
| 2145 | 2175 |                      | Red Sand                  |
| 2175 | 2215 |                      | Anhydrite                 |
| 2215 | 2265 |                      | Lime Shells and Anhydrite |
| 2265 | 2470 |                      | Anhydrite                 |
| 2470 | 2490 |                      | Anhydrite and Lime        |
| 2490 | 2510 |                      | Lime                      |
| 2510 | 2530 |                      | Lime                      |
| 2530 | 2545 |                      | Lime                      |
| 2545 | 2653 |                      | Lime                      |
| 2653 | 2675 |                      | Oil Sand                  |
| 2675 |      |                      | TOTAL DEPTH               |