

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-105

Santa Fe, New Mexico

WELL RECORD

RECEIVED

APR 30 1952

OIL CONSERVATION
COMMISSION
HOBBS

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

Kelly Oil Company

Mexico "L"

Well No. 3 Company or Operator in 10/4 of Sec. 3, T. 25S

R. 38E, N. M. P. M., Unnamed Field, Lea County.

Well is 600 feet south of the North line and 1900 feet west of the East line of Section: 5

If State land the oil and gas lease is No. ? Assignment No. _____

If patented land the owner is _____, Address _____

If Government land the permittee is _____, Address _____

The Lessee is Kelly Oil Company, Address Tulsa, Oklahoma

Drilling commenced January 9, 1952. Drilling was completed April 12, 1952.

Name of drilling contractor Two States Drilling Co., Address Dallas, Texas

Elevation above sea level at top of casing 10,153 feet.

The information given is to be kept confidential until Not Confidential 1 19 _____

OIL SANDS OR ZONES

No. 1, from 10113 to 10166 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 FROM | TO | PURPOSE |
|--------|-----------------|------------------|------------|--------|--------------|-------------------|-----------------|-------|---------|
| 13" | 40 | 8 | | 154' | | | | | |
| 13" | 50 | 8 | | 92' | | | | | |
| 9-5/8" | 36 | 8 | | 3164' | | | | | |
| 5-1/2" | 17 | 8 | Youngstown | 10281' | | | 10113 | 10166 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 18" | 13" | 260 | 260 | Halliburton | | |
| 12-1/4" | 9-5/8" | 3150 | 1700 | Halliburton | | |
| 7-7/8" | 5-1/2" | 10215 | 1470 | Halliburton | | |
| | | | | | | |
| | | | | | | |

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 |
|------|------------|----------------------------|----------|------|-----------------------|-------------------|
| | | acid | 50 gal. | | 10113-10166 | |
| | | | | | | |
| | | | | | | |

Results of shooting or chemical treatment Flowed oil after shooting load oil & acid water.

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 0 feet to 10215 feet, and from _____ feet to _____ feet.

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

PRODUCTION

Put to producing April 12, 1952.

The production of the first 24 hours was 579 barrels of fluid of which 100 % was oil; _____ %

emulsion; _____ % water; and _____ % sediment. Gravity, 60° Corrected 43°

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

H. L. Hazelwood, Driller J. H. Roderick, Driller

L. H. Smith, 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.

Hobbs, New Mexico - April 29, 1952.

Place

Date

Name _____

Position Asst. Supt.

Representing Kelly Oil Co.

Company or Operator.

Address Box 38 - Hobbs, N. M.

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION(Driller's Record) | |
|-------|-------|----------------------|-----------------------------|-------------------|
| 0 | 985 | 985 | Red Bed | |
| 985 | 1244 | 259 | Red Bed & anhydrite | |
| 1244 | 2590 | 1346 | anhydrite & salt | |
| 2590 | 3150 | 560 | anhydrite & lime | |
| 3150 | 7331 | 4181 | lime | |
| 7331 | 7423 | 92 | lime & sand | |
| 7423 | 7566 | 143 | lime & shale | |
| 7566 | 7693 | 127 | lime & chert | |
| 7693 | 9355 | 1662 | lime | |
| 9355 | 10070 | 715 | lime & shale | |
| 10070 | 10215 | 145 | lime | |
| | | | Formation | Top (Allenburger) |
| | | | Anhydrite | 1166' |
| | | | Yates | 2624' |
| | | | San Andres | 3964' |
| | | | Glorietta | 5080' |
| | | | Tubbs | 5950' |
| | | | Abo | 6435' |
| | | | Devonian | 7422' |
| | | | Silurian | 7613' |
| | | | Montoya | 8722' |
| | | | Shannon | 9038' |
| | | | Perce | 9274' |
| | | | Allenburger | 9957' |