



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Cardinal Oil Company 305 N. La Grueña, Albuquerque, N.M.
Company or Operator Address

Cardinal Oil Co. Station Well No. *1* in *SE 1/4 SW 1/4* of Sec. *3*, T. *8 N*
Lease

R. *14 E*, N. M. P. M., *N. C* Field, *Torrance* County.

Well is _____ feet south of the North line and _____ feet west of the East line of _____

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 _____ Address _____

Drilling commenced *1-14* 19 *41* Drilling was completed *April 1948*

Name of drilling contractor *Cardinal Oil Co.* Address _____

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 _____ to _____ 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 *549* to *553* feet. *4*

No. 2, from *1623* to *1626* feet. *3*

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 | |
| <i>8"</i> | <i>32</i> | <i>8</i> | | <i>1082</i> | <i>Steel</i> | | | | <i>water shut-off</i> |
| <i>6 3/4 ID</i> | <i>17</i> | <i>10</i> | | <i>1668</i> | <i>"</i> | | | | <i>water shut-off</i> |
| <i>5 1/2 ID</i> | <i>15</i> | <i>10 1/2</i> | | <i>1790</i> | <i>"</i> | | | | <i>Protection</i> |
| <i>4" "</i> | <i>9</i> | <i>welded</i> | | <i>1940</i> | <i>"</i> | | | | <i>" cemented</i> |
| <i>3" "</i> | <i>6</i> | <i>welded</i> | | <i>2363</i> | <i>"</i> | | | | <i>" "</i> |
| | | | | | | | | | |
| | | | | | | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHODS USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-------------|---------------------|-------------------------------|-------------|----------------------|
| <i>5</i> | <i>4</i> | <i>1940</i> | <i>40</i> | <i>Halliburton Cement Co.</i> | | |
| <i>4</i> | <i>3</i> | <i>2363</i> | <i>35-60</i> | <i>"</i> | <i>"</i> | <i>(one squeeze)</i> |
| | | | | | | |
| | | | | | | |

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 |
|------|------------|----------------------------|----------|------|-----------------------|-------------------|
| | | <i>✓</i> | | | | |
| | | | | | | |
| | | | | | | |

Results of shooting or chemical treatment _____

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 *2363* feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing _____ 19 _____

The production of the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be. _____

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. McDonald Driller *J. L. Canfield* Driller

R. J. Baker Driller *F. B. Unberger* 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 _____ day of _____, 19 _____

Notary Public

Albuquerque, N.M. *1/5/51*
Name _____ Date _____

Position _____

Representing _____

Company or Operator

Address _____

My Commission expires _____

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|---|----|----------------------|-----------|
| See log strip of new mexico Bureau of mines and mineral resources. | | | |