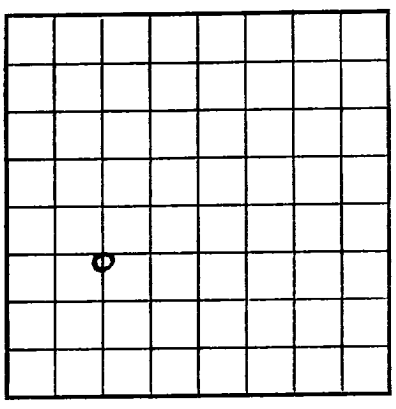
Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079162 - C
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JAN 9 1953
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

# LOG OF OIL OR GAS WELL

Company Kingsley-Locke Oil Co. Address 1400 Luhrs Tower-Phoenix, Ariz.

Lessor or Tract M. K. L. Field Blanco State New Mexico

Well No. 4-17 Sec. 6 T. 26N R. 7W Meridian N.M.P.M. County Rio Arriba

Location 1800 ft. {N. / S.} of S Line and 990 ft. {E. / W.} of W Line of Sec 6 Elevation 6038' (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed F C Barnes
Title Geologist

Date Dec 29, 1952

The summary on this page is for the condition of the well at above date.

Commenced drilling 9/28/52, 19.... Finished drilling 10/18/52, 19....

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4330 to 4650 No. 4, from ..... to .....
No. 2, from ..... to ..... No. 5, from ..... to .....
No. 3, from ..... to ..... No. 6, from ..... to .....

## IMPORTANT WATER SANDS

No. 1, from ..... to ..... No. 3, from ..... to .....
No. 2, from ..... to ..... No. 4, from ..... to .....

## CASING RECORD

| Size casing | Weight per foot | Threads per inch | Make | Amount | Kind of shoe | Cut and pulled from | Perforated From— | Perforated To— | Purpose |
|---|---|---|---|---|---|---|---|---|---|
| 10 3/4 | 28# | 8 | Nat'l | 120' | Baker | | | | Surface |
| 7" | 24# | 8 | Nat'l | 4330 | Baker | | | | Production |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|---|---|---|---|---|---|
| 10 3/4" | 119' | 212 | Halliburton | | |
| 7" | 4330' | 750 | Halliburton | | |

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DIST. 3

## PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....
Adapters—Material ..... Size .....

## SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|---|---|---|---|---|---|---|
| 6 1/2 | Tin | Nitro-gel | 982qts | 10/20/52 | 4650' | 4650' |

## TOOLS USED

Rotary tools were used from 0 feet to 4650 feet, and from ..... feet to ..... feet
Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

## DATES

12/31/52, 19.... Put to producing ....., 19....

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

If gas well, cu. ft. per 24 hours 1,150,000 Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. 1,070#

## EMPLOYEES

Dewey Glover, Driller ....., Driller
Ralph McDark, Driller ....., Driller

## FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|---|---|---|---|
| 0' | 50' | 50' | Unconsolidated sandand fine gravel |
| 50 | 1535 | 1475 | Interbedded, fine to coarse, brown and grey ss and brown and grey shale. |
| 1535 | 2120 | 585 | Light, brownish grey and grey shale |
| 2120 | 2185 | 65 | Light grey sandstone |
| 2185 | 3740 | 1555 | Grey shale |
| 3740 | 4362 | 622 | Interbedded grey ss, grey sh and coal |
| 4362 | 4470 | 108 | Grey ss |
| 4470 | 4550 | 80 | Grey ss and shale |
| 4550 | 4650 | 100 | Grey sandy shale |

Geologic Tops:

| | | |
|---|---|---|
| Kirtland-Fruitland | sh | 1495' |
| Pictured Cliffs | ss | 2122' |
| Lewis | sh | 2184' |
| Mesaverde | fm | 3740' |

(OVER)

16—43094-2

FOLD | MARK

## FORMATION RECORD—Continued

| FROM— | TO— | TOTAL FEET | FORMATION |
|---|---|---|---|
| | | | |

## HISTORY OF OIL OR GAS WELL

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It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.