

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF-079152
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Kingsley-Locke Oil Co. Address 1400 Luna Tower, Phoenix, Ariz.
Lessor or Tract M.A.L. Field So. Blanco State New Mexico
Well No. 4-11 Sec. 7 T. 25N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 880 ft. N. of S. Line and 990 ft. E. of W. Line of Sec. 7 Elevation 6189 (DP)
(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

Date Jan. 5, 1953 Title Geologist

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

Commenced drilling Aug. 1, 1952 Finished drilling Aug. 20, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2175 to 2197 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		Purpose
							From	To	
10 3/4"	36	8	Nat'l	104'	Baker				Surface
7"	23 1/2	8	Nat'l	2175'	Baker				Prod.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	104'	102	Haliburton		
7"	2,175	440	Haliburton		

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
5"	Pin	Nitro-gel	250 lbs.	8/19/53	2,282'	2,282'

TOOLS USED

Rotary tools were used from 0 feet to 2,282 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 25, 1952 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 500,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 870

EMPLOYEES

Dewey Glover, Driller _____, Driller
Henry Booker, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	10'	10	Unconsolidated sand and gravel.
10'	200'	190'	Coarse brown sandstone.
200'	575'	375'	Interbedded brown and grey ss and shale.
575'	1525'	950'	Interbedded grey and brown fine to v. coarse ss and brownish grey sh.
1525'	2175'	650'	Grey shale.
2175'	2197'	22'	Lt. grey, black specked, scaley, sandstone.
2199'	2282'	85'	Lt. grey, very sandy and silty shale.
Geologic Tops:			
Kirtland-Fruitland			Shale 1572'
Pictured Cliffs			ss 2175'
Lewis			Shale 2200'

FORMATION RECORD—Continued

[illegible]

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 balling.

HISTORY OF OIL OR GAS WELL

13-4084-1 U. S. GOVERNMENT PRINTING OFFICE