Form 9-330

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

U. S. Land Office Santa Fe
Serial Number 079160-A
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 Luhrs Tower Phoenix, Arizona

Lessor or Tract Jenkins - Fed. Field Blanco State New Mexico

Well No. 4 Sec. 10 T. 26N R. 7 W Meridian N.M.P.M. County Rio Arriba

Location 990 ft. [N.] [S.] of S Line and 1650 ft. [E.] [W.] of W Line of Sec. 10 Elevation 6105' (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 FC Barnes Geologist

Date May 6, 1953

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

Commenced drilling April 4, 1953 Finished drilling April 25, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2206' to 2270' G
No. 2, from to
No. 3, from to
No. 4, from to
No. 5, from to
No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to
No. 2, from to
No. 3, 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"		8	Nat'l	375	Baker				Surface
7"		8	Nat'l	2209'	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"	375	235	Halliburton		
7"	2209'	295	"		

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"	Tin	Nitro-gel	240 Qts.	4/30/53	2283'	2290'

TOOLS USED

Rotary tools were used from 0 feet to 2290 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

May 4, 1953 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 1,253,MCF Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 873 #

EMPLOYEES

Frank Thompson, Driller , Driller
Tom Kinney, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	350'	350'	Unconsolidated sand and fine gravel.
350'	850'	500'	Grey and brown course ss and grey shale
850'	1000'	150'	Grey ss.
1000'	1660'	660'	Interbedded grey and brown ss and grey and b. shale
1660'	2175'	515'	Grey shale
2175'	2206'	30'	coal
2207'	2270'	64'	Light grey, black, speckled ss.
2270'	2290'	20'	Grey sahle.

Elect. Log Tops

Kirtland-Fruitland shale	1658'
Pictured cliffs ss	2206'
Lewis sh.	2270'

[OVER]

16—43004-2

FOLD MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD

FROM	TO—	TOTAL FEET	FORMATION

SHOOTING RECORD

Depth shot	Depth cleaned out	Date	Quantity	Explosive used	Shell used	Size

TOOLS USED

Rotary tools were used from	feet to 555 feet	feet and from	feet to feet
Cable tools were used from	feet to	feet and from	feet to feet

DATES

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 ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. .....

EMPLOYEES

Driller		Driller	
Driller		Driller	

FORMATION RECORD

FROM	TO—	TOTAL FEET	FORMATION

CASING RECORD

Casing size	Weight per foot	Number sacks of cement	Method used	Mud gravity	Amount of mud used

MUDDING AND CEMENTING RECORD

Casing size	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

PLUGS AND ADAPTERS

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

Adapters—Material ..... Size .....

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

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.

FOLD | MARK