

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MAR 25 1962
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Kingsley Locke Oil Co. Address Phoenix, Arizona
 Lessor or Tract M. K. L. Field Blanco State New Mexico
 Well No. 3-5 Sec. 6 T26N. R. 7W Meridian N.M.P.M. County Rio Arriba
 Location 1190 ft. N. of N. Line and 1650 ft. W. of E. Line of Sec. 6 Elevation 6030

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 Frank Barnes

Date March 17, 1952 Title Geologist

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

Commenced drilling Nov. 15, 1951 Finished drilling March 12, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4410 to 4582 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 450 to 1500 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—	
0 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
1 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
2 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
3 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
4 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
5 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
6 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
7 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
8 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
9 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
10 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
11 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
12 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
13 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
14 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
15 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
16 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
17 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
18 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
19 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
20 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
21 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
22 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
23 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
24 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
25 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
26 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
27 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
28 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
29 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
30 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
31 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
32 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
33 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
34 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
35 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
36 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
37 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
38 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
39 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
40 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
41 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10
42 1/2 in.	11 lbs.	10	10	10	10	10	10	10	10

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	175	100	Haliburton		
7	4350'	700	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 1/2"	Nitrogel	630 qts	12/52	4,10-4582	4582'

TOOLS USED

Rotary tools were used from 0 feet to 4582 feet, and from _____ feet to _____ feet.

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

DATES

March 16	19 52	Put to producing	19
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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 1,850
1,000 Gallons gasoline per 1,000 cu. ft. of gas _____

EMPLOYEES

EMPLOYEES	
Harmon Owen	Driller
	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	530'	530'	Grey and brown, fine to very coarse sandstone with occasional thin shale streaks.
530'	650'	120'	Brown and grey shale.
650'	1492'	842'	Gray and brown, fine to very coarse sandstone with thin beds of dark grey shale.
1492'	2110'	618'	Dark grey, brown and black shale with occasional thin coal streaks.
2110'	2200'	90'	Light grey, very fine to medium grained cliffs sandstone
W.D. 2200'			
2200'	2330'	130'	
2330'	2430'	100'	
2430'	2500'	70'	

FORMATION RECORD—Continued

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares.

LOCATE WELL CORRECTLY

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.

Location { of Line and Point } of { W } Line of Section { 8 } of Township { 4 } North Range { 6 } East
Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____
County _____ State _____ Field _____
Lessor or Trust _____
Company _____ Address _____

Elevation _____
(Determine foot relative to sea level)

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

Date _____

This _____

Signed _____

Commenced drilling _____
Finished drilling _____
19 _____

OIL OR GAS SANDS OR ZONES

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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

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

DISTRICT
OIL COMPANY
DEC 8 1908

CASING RECORD

Quantity per foot	Threads per inch	Stress	Kind of steel	Kind and condition of steel	Factor	Purposes
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "backed" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number shot. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or sealing.						

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

16-58084-97

MUDPIPING AND CEMENTING RECORD

Flowing Water set	Number sets of cement	Method used	Wind direction	Direction of wind used
✓				
✓				

REFUGES AND ADAPTERS

SHOOTING RECORD		Rabbits—Material		Leaving plug—Material	
Size	Length	Size	Length	Size	Length
Depth and					

SHOOTING RECORD

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

2001 2 USED

DATE		TO		FROM	
feet	to	feet	to	feet	to
feet	to	feet	to	feet	to

SUMMARY

It gas well, can ft. per 24 hours	
Gallons gasoline per 1000 cu. ft. of gas	
Mud-ion; % water; and % sediment.	
The production for the first 24 hours was	
barrels of fluid of which % was oil;	
put to producing	

EMPLOYEES

Driller	Driller	Driller	Driller
Driller	Driller	Driller	Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
200'	3800'	1,600'	Dark grey shale
800'	3830'	30	Grey shaley sandstone
830'	4722'	592'	Dark grey shale with thin beds of grey and brown very fine to medium sandstone
422'	4570'	98'	Grey, very fine to medium sandstone.
520'	4582'	62'	Dark grey and black shale.
	4587'	T.D.	<u>Tops</u>
			Pictured cliffs 2110'
			Lewis shale 2205'
			Cleft House 3800'
			Menefee 4,422'
			Point Lookout 4,520'
			Wichita shale 4,520'

FORMATION RECORD—Continued
