The Union Oil Company of California has purchased a controlling interest in Oil Developers, Inc., which has been drilling at the location in the SE$_{\frac{1}{4}}$ SE$_{\frac{1}{4}}$ sec. 27, T. 25 S., R. 7 W., in Coles Valley about 20 miles northwest of Roseburg. The test, which was spudded September 20, 1951, had reached a depth of approximately 5,390 feet when the Union Oil Company took over on November 13. Drilling is being done by the Santa Maria Drilling Company of California.

Mr. W. Layton Stanton, Jr., Union Oil Company geologist, is now in charge of the operation. Mr. Stanton supervised the Union Oil Company exploration at Ocean City, Washington, in the late 1940's.
CORE DESCRIPTION - LEONARD LILE NO. 1

Oil Developers, Incorporated

SE\% SE\% sec. 27, T. 25 S., R. 7 W.

Douglas County, Oregon

January 2, 1952

G. M. Valentine

Cores 3" unless other spec.

Core No.

1 972-989

17' dark gray ady. slat. friable. 1" slty. sat. layers. Carb. frags.
Dip 25° fair in upper 2'. Dip at 983' is 35° good. Some slickensiding and calcite veinlets. Small relic flakes. Scattered and fish remains.

2 1520-1550 Rec. 30'

4' dark gray ady. slat. 1' lt. gray fine-grained sat. Carb. streaks.
Dip 32° good. Small-scale crossbedding. 25' dark gray ady. slat. with crossbedded light gray beds of slaty sat. 1" to 3" thick 75% slat. Dip at 1535' is 320° good. 3" fine-grained firm calc. sat. at 1546'. No or observed.

3 2317-2334

Dark gray ady. slat. with thin fine-grained lt. gray slty sat. streaks.
Carb. frags. Fish remains (?). Broken frags. Dip 40° fair.

4 2384-2414

Dark gray friable ady. slat. with ½" to 1" fine-grained ady. streaks.
Carb. frags. Fish remains (?). Dip at several places in interval, 80° good. Two 2" crossbedded sat. beds at bottom of core. Dip 75° good. Slickensiding.

5 2900-2915 Rec. 2½"

Firm to hard dark gray calc. ady. slat. and crossbedded slty. sat.
Dip 23° fair. Carb. frags. (?) Fish remains (?).

6 3391-3414

1' dark gray ady. firm slat. 1' gowy breccia. 8' of thin-bedded medium- to coarse-grained light gray poorly-sorted sat. and dark gray to black slickensided slat. 50-50. Sat. is crossbedded. Carb. frags. abundant. Sat. and slat. firm to hard. Dip approx. 15°.

7 3721-3727 Rec. 6'

1½" core

Dip 26° fair. Firm to hard dark gray slat. fractured and slickensided.
5' dark gray slat, firm to hard. Hard limy concretion frag. One
6" lt. gray hard calc. fine-grained slat. bed. Dip 25° fair. Carb.
frags. 5' slat. as in 6" bed. Poorly-sorted firm to hard. 3' firm
to hard dark gray slat. edy. streaks. Slickensided.

Sloughed slat. and slat. mixed with drilling mud.

Firm dark slat. Slickensided and fractured. No reliable dips.

Dip 55° good. Dark gray firm to hard slat. with thin edy. streaks.
Carb. frags. Fish remains (?).

Slickensided slat. as above with 3" of hard calc. fine-grained slat.
Thin calcite veinlets. Pelecypod frags.


Firm to hard dark edy. slat. with 1' of brecciated gougy slat. Dip
approx. 10°.

Loose frags. of hard dark gray slickensided slat. May be sloughed.

Hard dark gray fractured and slickensided slat.

Note: Section largely borderline between edy. slat. and slty. slat.

Bottom of well - 7002'
Notice of Intention to Drill New Well

Submit in triplicate

Department of Geology and Mineral Industries

In compliance with Chapter 365 O.L. 1949 notice is hereby given that it is our intention to commence the work of drilling a new well to be known as:

**Oil Developers, Inc.**

Company or Operator

**Leases**

**Lilies Well No. One**

**Douglas Valley**

Lease

Field

Douglas County

Section of land

Area 640 acres

Elevation of ground above sea level is __________ feet. All depth measurements are taken from top of _____ , which is __________ feet above ground.

The lessee is

Leonard & Olga Liles

Address

Umpqua, Coles Valley, Douglas County, Oregon.

The lessor is

Oil Developers, Inc.

US. Bank Bldg.

Roseburg, Oregon.

We estimate that the first productive oil or gas sand should occur at a depth of about __________ feet.

We propose to use the following strings of casing and to land or cement them as herein indicated:

| Size of hole | Size of casing | Weight in pounds per foot | Grade and type | New or second hand | Depth | Landed or cemented
|--------------|----------------|---------------------------|---------------|-------------------|-------|----------------------|

We propose to drill with cable tools.

If changes in the above plan become advisable we will notify you before cementing or landing casing.

Additional information (Use additional sheets as needed):

Approved ______________________ Date: Sept. 10, 1951

except as follows:

DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

By ______________________ Title

Oil Developers, Inc.

Company or Operator

By ______________________

Position

Send communications regarding well to:

Name ______________________

Address ______________________

/o Umpqua Dairy, Roseburg, Ore.