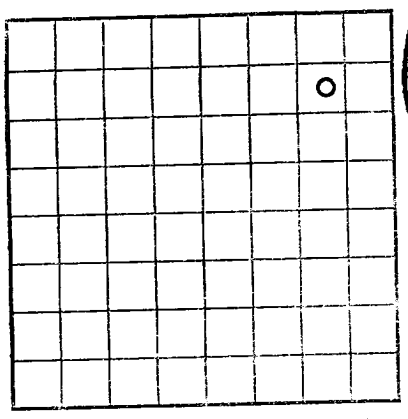
Form 9-330

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM03153
LEASE OR PERMIT TO PROSPECT

RECEIVED
NOV 17 1952
OIL CON. COM.
DIST. 3



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Lucerne Corp. - Niloco Company Address Mercantile Securities Building Dallas, Texas

Lessor or Tract Randell, O. H. Field Wildcat State New Mexico

Well No. 1 Sec. 10 T. 26N R. 11W Meridian NMPM County San Juan

Location 990 ft. {N./S.} of N Line and 990 ft. {E./W.} of E Line of Sec. 10 Elevation 6411 (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 [illegible]

Title Agent

Date June 1, 1952

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

Commenced drilling May 24, 19 52 Finished drilling May 28, 19 52

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1832 to 1840 (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

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	111	75	Halliburton		

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

TOOLS USED

Rotary tools were used from 0 feet to 1900 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

, 19 Put to producing , 19

The production for the first 24 hours was None 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

Big Chief Drilling Company, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	111	111	Surface
111	770	659	Sand & shale
770	870	100	Sand & gravel
870	1430	560	Sand & grey shale
1430	1800	370	Sand, shale & coal streaks
1800	1812	12	Coal
1812	1895	83	Grey sandstone
1895	1900	5	Grey shale & sandstone streaks

GEOLOGIC FORMATION TOPS

Base Tertiary (Ojo Alamo)	870
Top Kirtland	940
Top Fruitland	1430
Top Pictured Cliffs	1812
Top Lewis Shale	1895

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

16—43094-1 U. S. GOVERNMENT PRINTING OFFICE

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.

The test was temporarily abandoned after a drill stem test of the Pictured Cliffs did not indicate commercial gas production. A drill stem test was made from 1814 to 1900 the total depth. The tool was open one hour and 15 minutes, had gas to the surface in 33 min., but the volume was not enough to measure. Recovered 30' of gas cut drilling mud. FP 0 to 50#, 30 min. SIL 440#, Hydrostatic Pressure 980#. Est. 15,000 cu. ft. gas daily. A drill stem test of the Farmington sandstone was made from 1172 to 1194, the tool was open one hour, had a steady blow of air throughout. Recovered 240' of water cut drilling mud with a very, very slight show of gas, FP 0, 15 min. SIP 360#, Hydrostatic Pressure 520#.