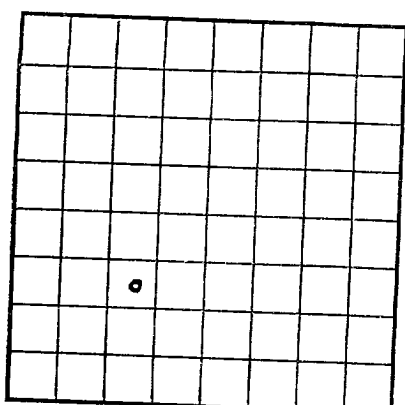




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078309
LEASE OR PERMIT TO PROSPECT _____

LOG OF OIL OR GAS WELL

Company Lucerne Corporation-Niloco Company Address Mercantile Securities Bldg. Dallas, Texas
Lessor or Tract B. J. Gardner Field Wildcat State New Mexico
Well No. 1 Sec. 28 T. 25N R. 9W Meridian NMPM County San Juan
Location 1980 ft. (N.) of S. Line and 1980 ft. (E.) of W. Line of Sec. 28 Elevation 6691
(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.

Date May 22, 1952Signed [Signature]Title Agent

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

Commenced drilling 5 - 8, 1952 Finished drilling 5 - 13, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None 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 _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	122	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 1925 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 _____ 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

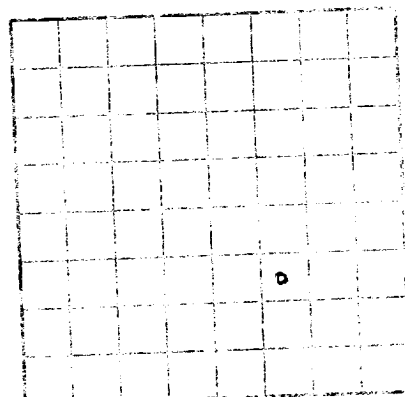
FROM—	TO—	TOTAL FEET	FORMATION
0	130	130	Surface
130	220	90	Grey shale
220	1205	985	Grey shale & sand
1205	1500	295	Sand & grey shale streaks
1500	1742	242	Shale, grey & black, coal & sandstone streaks
1742	1808	63	Grey very silty sand
1808	1814	6	Brown dense lime
1814	1825	11	Grey shale & sand

GEOLOGIC FORMATION TOPS

Base Tertiary (Ojo Alamo) - _____
Top Upper Cretaceous (Kirtland) 1205
Top Fruitland 1500
Top Pictured Cliffs 1742
Top Lewis Shale 1808

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
BUREAU OF GEOLOGICAL SURVEY
UNITED STATES



LOCATION OF WELL CORRECTLY

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, 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.

A 9" hole was drilled to 1825', and a 7-7/8" hole drilled to 1740'. The hole was then reduced to 4-3/4" and drilled to a total depth of 1825'. A Schlumberger electro-log was surveyed to 1825'.

Drill Stem Test #1: 1718-1825, open 1 hour, fair blow of air which died, recovered 16" drilling mud with no showings. I.P.P. 3200', I.P.P. 2700', 30 min. S.I. 8400'. Hydrostatic head 800%. Charts indicated that 800' was drilled.

Drill Stem Test #2: 1718-1825, open 45 min., good blow of air which died, bypassed 300' 5 times, rec. 80' drilling mud with no showings. S.I. for 30 min. charts indicated no tests.

It is concluded that tool was open on both of the tests but that the pressures indicated were due to hydraulic action on pump in small pore hole and due to savings in hole.

Drill Stem Test #3: 1730-1825, better set on shoulder and ball pipe used instead of another to bottom of hole, open 40 min., good blow of air which died in 16 min., by-passed tool-jar, rec. 60' of drilling mud with no showings. I.P.P. 3200', I.P.P. 2700', 30 min. S.I. 8400'. Hydrostatic pressure 800%.

The test was temporarily abandoned May 18, 1925, and 20 sacks of cement was spotted from 1730-1825.

HISTORY OF OIL OR GAS WELL

16-5094-1 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

SHOOTING RECORD

FORMATION RECORD

FROM- TO- TOTAL FEET FORMATION