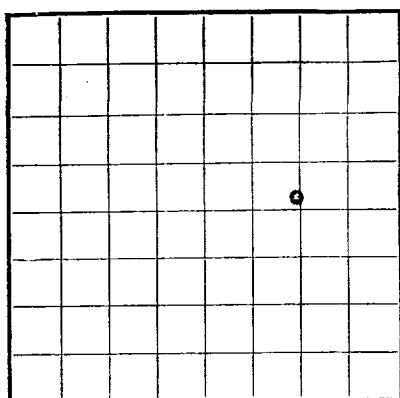


U. S. LAND OFFICE _____
 SERIAL NUMBER **NM-06765** _____
 LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
MAR 10 1961 GEOLOGICAL SURVEY
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

MAR 14 1961

O. C. C.
OFFICE

Company G. W. Strake Address 3300 Gulf Building, Houston 2, Texas
 Lessor or Tract Union-Federal Field Wildcat State New Mexico
 Well No. 3 Sec. 23 T. 19S R. 30E Meridian NMPM County Eddy
 Location 2310 ft. ^{N.}_{S.} of N. Line and 990 ft. ^{E.}_{W.} of E. Line of Section 23 Elevation 3285 DF
 (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 _____

Date March 8, 1961

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

Commenced drilling February 7, 1961 Finished drilling February 15, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1782 to 1800 No. 4, from _____ to _____
 No. 2, from 1808 to 1820 No. 5, from _____ to _____
 No. 3, 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		Purpose
							From—	To—	
8-5/8"	24	8	Spang	498'	Halliburton				
5-1/2"	15.5	8	Spang	1992'	Larkin				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	498'	330 saks & 3% cal. chl.	Plug and Displacement	10.0	Hole Filled
5-1/2"	1992'	550 saks & 2% cal. chl.	"	10.0	Hole Filled

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
Perforated 5-1/2" casing from 1782' - 1800' KDB and 1808' - 1820' KDB.						

TOOLS USED

Rotary tools were used from Surface feet to 1993 feet, and from --- feet to --- feet.
Cable tools were used from --- feet to --- feet, and from --- feet to --- feet.

DATES

March 8, 1951 Put to producing March 1, 1951
The production for the first 24 hours was 184 barrels of fluid of which 100% was oil; 81%
emulsion: 84% water; and 14% sediment. Gravity, °Bé. 100

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

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

EMPLOYEES

Pool & Gerlich Drilling	Driller	Driller
Co., San Angelo, Texas	Driller	Driller

FORMATION RECORD

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
0	470	470	Sand, caliche, red beds, anhydrite
470	1510	1040	Salt with anhydrite ledges
1510	1700	190	Anhydrite, dolomite, silt and sand stringers
Core #1 1700	1750	50	Shale, shale anhydrite, sand, show of oil in sand
Core #2 1750	1801	51	Dolomite and sand, show of oil in sand
Core #3 1801	1852	51	Dolomite and sand, show of oil in dolomite and sand
Core #4 1852	1903	51	Dolomite and sand, show of oil in dolomite and sand
Core #5 1903	1954	51	Dolomite and dolomitic sand, show of oil in dolomite and sand
Core #6 1954	1987	33	Dolomite, show of oil
1987	1993	06	Correct to Schlumberger TD.
Schlumberger	Log TD 1993'		
Schlumberger	Log Tops:	B/Salt	1510' (/1775)
		T/Yates Sand	1716' (/1569)
		T/Seven Rivers	1947' (/1338)
No drillstem	tests run.		

16-43004

LEON-

10-

TOLVF EEE. [OVER]

LOWELL

18-43094-6

FORMATION RECORD—Continued

