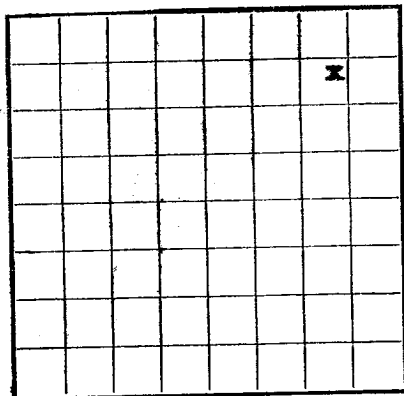


U. S. LAND OFFICE **S P.**
SERIAL NUMBER **LC 030187**
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company E. Constantin, Jr. Address 2807 Mercantile Bank Bldg.
Lessor or Tract La Muryon Federal Field Langlie-Mattix State New Mexico
Well No. 2 Sec. 29 T. 23 R. 37 Meridian NMPH County Lea
Location 820 ft. N of N Line and 815.44 E of E Line of Sec. 29 Elevation 3318.5 KB
(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 W. J. Barrett

Date January 17, 1958

Title Production Manager

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

Commenced drilling 12/15/57, 1957 Finished drilling 12/27/57, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3526 to 3566 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. 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#	8rd	Seamless 380	Laricin	None				
4-1/2"	9-5/8#	8rd	" 3635	Laricin					
2" tbg.	4.75#	8rd	" 3595	None					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	320'	175 sx	Pump truck		
4-1/2"	3634'	1960 sx	"		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 3635 feet, and from _____ feet to _____ feet

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

DATES

Put to producing 1/15/58, 1958

The production for the first 24 hours was 100 barrels of fluid of which 100% 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

H. A. Wigley	Driller	Lee Long	Driller
J. C. McGuinnitt	Driller	J. I. Scarborough	Driller

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
0	1085	1085	Sand and Red Beds
1085	1185	100	Rustler anhydrite
1185	2480	1295	Salt & Anhydrite
2480	2627	147	Tansill, dolomite & anhydrite
2627	2895	268	Yates sand
2895	3416	522	Seven Rivers dolomite & Anhy
3416	3457	41	Queen sand
3457	3635	178	Penrose Sand
	TD		

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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.