

COPY
40835 1 & 6

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **LC-030187**
LEASE OR PERMIT TO PROSPECT

A 10x10 grid with an 'X' mark in the top row, 5th column.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NOV 24 1971
U. S. GOVERNMENT PRINTING OFFICE
HOBBES, NEW YORK

LOG OF OIL OR GAS WELL

Company John H. Hill Address c/o Oil Reports Box 763 Hobbs, N. Mex.
 Lessor or Tract La Mignon Federal "C" Field Langlie-Mattix State New Mexico
 Well No. 1 Sec. 27 T. 23S R. 37E Meridian NMPM County Lea
 Location 660 ft. S of N Line and 1980 ft. E of E Line of Sec. 27 Elevation 3252.9 GL
 (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 11/17/59

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

Commenced drilling ----- 9/23 1959 Finished drilling ----- 10/8 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3518' to 3554' 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	338'	225 ex circulated	P & P		
5-1/2"	3669'	300 ex Pozmix	P & P		Chem

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

TOOLS USED **Man Drilling Co.**

Rotary tools were used from 0 feet to TD 3675 feet, and from _____ feet to _____ feet

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

DATES

Put to producing 10/13/59

The production for the first 24 hours was **39.45**--- barrels of fluid of which **100**-% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. **22.0**-----

If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas -----
 Rock pressure, lbs. per sq. in. -----

EMPLOYEES

_____ J. J. Clark _____, Driller _____, Driller
 _____ S. H. Robinson _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	240		Sand Red Shale
240	665		Red Beds Shale
665	1063		Red Beds Anhy Streaks
1063	1112		Red Beds
1112	1402		Salt
1402	1418		Red Beds Salt
1418	1714		Salt
1714	2150		Salt Anhy Streaks
2150	2353		Salt Anhy
2353	3459		Anhy Gyp
3459	3509		Dolomite Gyp
3509	3675	TD	Dolomite
			Electric Log tops
			Tops:
			A-1040
			Y-2538
			SR-2810
			Qu-3324
			Top of Pay-3518 Penrose
			h

Electric Log tops

Topic:
A-1040
Y-2538
SR-2810
Gu-3324
Top of Pay-3518 Penrose

FORMATION RECORD-Continued

[illegible]

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 balling.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE