

U. S. LAND OFFICE

SERIAL NUMBER

LC-061144

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Sec. 22

RECEIVED
JUL 13 1960
GEOLOGICAL SURVEY
NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company A. J. VOGEL & TOM BROWN DRUG. CO. Address c/o Oil Reports Box 763 Hobbs, N.M.
Lessor or Tract D&B Federal Field Undesignated (Lynch) State New Mexico
Well No. 1 Sec. 22 T. 20S R. 3W Meridian NMP County Lea
Location 390 ft. N of S Line and 2310 ft. E of E Line of Sec. 22 Elevation 3675 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.

Date 7/12/60 Signed _____ Title Agent

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

Commenced drilling 6/14/60, 19____ Finished drilling 6/18/60, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3642 to 3688 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—	
<u>8-5/8"</u>	<u>21 1/2</u>	<u>J-55</u>	<u>set at 219'</u>	<u>Texas Pattern</u>					<u>Surface</u>
<u>5-1/2"</u>	<u>14 1/2</u>	<u>ST&C & M-I</u>	<u>set at 3642'</u>	<u>Halliburton per shoe</u>		<u>Open hole 3642-3688</u>			<u>Oil string</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8"</u>	<u>219'</u>	<u>(100 ex reg & 2050 gal Latex 141</u>	<u>-5-1/2")</u>		
		<u>150 ex circ 8-5/8"</u>			
<u>5-1/2"</u>	<u>3642'</u>	<u>see above</u>			

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 _____ feet to _____ feet Tom Brown Drilling Co. Rotary
Cable tools were used from 0 feet to 3662 feet, and from _____ feet to _____ feet
3662 3662
_____, 19____ Put to producing _____, 19____

The 7/12/60 production for the first 24 hours was _____ barrels of fluid of which 6/28/60 % was oil; _____ %
emulsion; _____ % water; and 17 % sediment. 61 Gravity, °Bé. 100

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas ppm A/3000 gal

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
Leonard Hinson (Tom Brown), Driller _____, Driller
Claude Morgan (Gibbins)

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1550</u>		<u>Surface soil, sand, salicho-red beds</u>
<u>1550</u>	<u>3230</u>		<u>Salt & Anhy</u>
<u>3230</u>	<u>3412</u>		<u>Anhy & Lime</u>
<u>3412</u>	<u>3685 TD</u>		<u>Sand & Lime</u>
			<u>Elec Log Tones</u>
			<u>A-1550</u>
			<u>EX-3230</u>
			<u>Y-3412</u>

