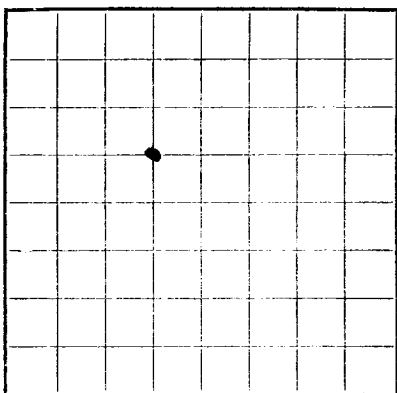


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **063916**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Harry Hubbard Address 1010 W. Storey, Midland, Texas
Lessor or Tract L. E. Elliott Field Jalco State New Mexico
Well No. 1 Sec. 17 T. 26S R. 37E Meridian N.M.P.M. County Lea
Location 1980 ft. N of N Line and 1980 ft. E of W Line of Sec. 17 Elevation 2969
(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 Harry B. Hubbard
Date 12-16-53 Title Operator

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

Commenced drilling 9-5-53, 19____ Finished drilling 10-1-53, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2935 to 2938 G No. 4, from _____ to _____
No. 2, from 2948 to 2960 G 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>10 3/4</u>	<u>30</u>	<u>8-R</u>	<u>J 40</u>	<u>602</u>	<u>Larkin</u>				
<u>8 5/8</u>				<u>1200</u>		<u>All Pulled</u>			
<u>7</u>	<u>24</u>	<u>8-R</u>	<u>J 55</u>	<u>2870</u>	<u>Larkin</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10 3/4</u>	<u>605</u>	<u>350</u>	<u>Halliburton</u>		
<u>7</u>	<u>2880</u>	<u>350</u>	<u>Halliburton</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
<u>Completed</u>	<u>Natural</u>					

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2960 feet, and from _____ feet to _____ feet

DATES

10-10-53, 19____ Put to producing Shut In, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Absolute open flow test after 24 hours

If gas well, cu. ft. per 24 hours 6,580,000 Gravity 0.86 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 825 PSI Shut in tubing pressure

Sindorf Drilling Co., Contractor EMPLOYEES
Kermit, Texas _____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>11</u>	<u>11</u>	<u>Distance to derrick floor</u>
<u>11</u>	<u>90</u>		<u>Sand</u>
<u>90</u>	<u>195</u>		<u>Red rock</u>
<u>195</u>	<u>275</u>		<u>Blue shale</u>
<u>275</u>	<u>360</u>		<u>Red rock</u>
<u>360</u>	<u>410</u>		<u>Yellow sand</u>
<u>410</u>	<u>625</u>		<u>Red rock</u>
<u>625</u>	<u>790</u>		<u>Red shale</u>
<u>790</u>	<u>980</u>		<u>Red rock</u>
<u>980</u>	<u>985</u>		<u>Blue shale</u>
<u>985</u>	<u>1085</u>		<u>Red rock</u>
<u>1085</u>	<u>1230</u>		<u>Anhydrite</u>
<u>1230</u>	<u>1240</u>		<u>Blue shale</u>
<u>1240</u>	<u>1250</u>		<u>Salt</u>
<u>1250</u>	<u>1285</u>		<u>Anhydrite</u>
<u>1285</u>	<u>1430</u>		<u>Salt & Red rock</u>
<u>1430</u>	<u>1605</u>		<u>Salt & Anhydrite</u>
<u>1605</u>	<u>1735</u>		<u>Salt & Potash</u>
<u>1740</u>	<u>2769</u>		<u>Salt & Anhydrite</u>
<u>2769</u>	<u>2790</u>		<u>Brown lime</u>
<u>2790</u>	<u>2835</u>		<u>Broken lime</u>
<u>2835</u>	<u>2880</u>		<u>Solid lime</u>
<u>2880</u>	<u>2898</u>		<u>Lime, top of Yates</u>
<u>2898</u>	<u>2926</u>		<u>Lime & shale</u>
<u>2926</u>	<u>2935</u>		<u>First gas sand, est. 4 million</u>
<u>2938</u>	<u>2948</u>		<u>Sandy lime</u>
<u>2948</u>	<u>2960</u>		<u>Gas increase to 6 1/2 million</u>

FORMATION RECORD—Continued

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.

HISTORY OF OIL OR GAS WELL

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