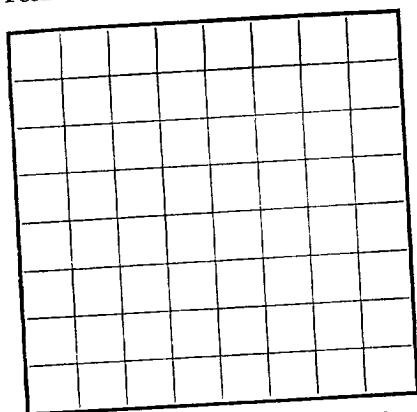


U. S. LAND OFFICE New Mexico
SERIAL NUMBER 05908
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
RECEIVED GEOLOGICAL SURVEY

SEP 25 1963

U. S. GEOLOGICAL SURVEY
ARTESIA, N. M.**LOG OF OIL OR GAS WELL**

Company Harvey E. Yates Address 305 Carper Bldg., Artesia, N. Mex.
Lessor or Tract Trigg Fed. "AA" Field Wilcat State New Mexico
Well No. 1 Sec. 5 T. 21S R. 29E Meridian NM17N County Eddy
Location 630 ft. N. of Line and 1980 ft. E. of Line of Elevation 3438
(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 _____ Title Bookkeeper
Date September 26, 1963

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

Commenced drilling July 31, 1963 Finished drilling September 15, 1963**OIL OR GAS SANDS OR ZONES**
(Denote gas by G)

No. 1, from _____ to _____ 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 406 to 412 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>24</u>	<u>6 rd</u>		<u>465</u>	<u>B.P.</u>				<u>Surface</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>465</u>	<u>125</u>	<u>Denton</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, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2170 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____
The production for the first 24 hours was _____ barrels of fluid of which _____% 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

_____, Driller C. V. Miller, Driller
_____, Driller E. T. Marshall, Driller
_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>9</u>	<u>9</u>	<u>Caliche</u>
<u>9</u>	<u>90</u>	<u>81</u>	<u>Sandy clay</u>
<u>90</u>	<u>250</u>	<u>160</u>	<u>Red Bed</u>
<u>250</u>	<u>375</u>	<u>150</u>	<u>Anhy</u>
<u>375</u>	<u>550</u>	<u>175</u>	<u>Lime, Gyp & red bed</u>
<u>550</u>	<u>1520</u>	<u>970</u>	<u>Salt</u>
<u>1520</u>	<u>1580</u>	<u>60</u>	<u>Anhy</u>
<u>1580</u>	<u>2170 T.D.</u>	<u>590</u>	<u>Lime</u>

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

U. S. GOVERNMENT PRINTING OFFICE 16-48094-2

FROM-	TO-	TOTAL FEET	FORMATION
			1. 0-10' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 2. 10-20' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 3. 20-30' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 4. 30-40' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 5. 40-50' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 6. 50-60' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 7. 60-70' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 8. 70-80' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 9. 80-90' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 10. 90-100' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert.