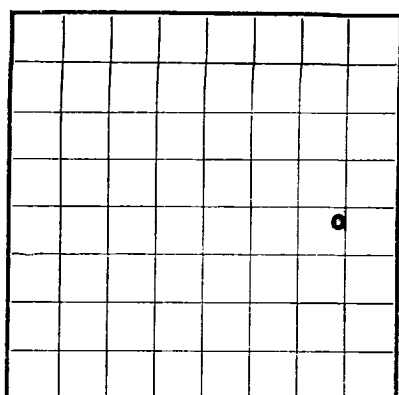


U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYMAY 21 1962
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company G. W. Strake Address 3300 Gulf Building, Houston 2, Texas
Lessor or Tract LeBow-Federal Field Hackberry (Seven Rivers) State New Mexico
Well No. 6 Sec. 25 T. 19S R. 30E Meridian NMPM County Eddy
Location 2310 ft. N of S Line and 660 ft. EX of E Line of Section 25 Elevation 3415
(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 May 17, 1962Title Supt.

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

Commenced drilling November 12, 1961 Finished drilling November 18, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1936' to 1952' No. 4, from _____ to _____
No. 2, from 2116' to 2126' 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>24.7</u>	<u>8</u>	<u>---</u>	<u>544</u>	<u>Halliburton</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>
<u>5-1/2"</u>	<u>25.5</u>	<u>8</u>	<u>---</u>	<u>2172</u>	<u>Jarvis</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</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>544</u>	<u>350 Sks. & 3% cal. chl.</u>	<u>Plug and Displacement</u>	<u>10.0</u>	<u>Hole Filled</u>
<u>5-1/2"</u>	<u>2172</u>	<u>300 Sks. & 2% cal. chl.</u>	<u>Plug and Displacement</u>	<u>10.0</u>	<u>Hole Filled</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>5-1/2"</u>	<u>casing perforated opposite Yates Sand from 1936' - 1952'</u>	<u>KDB.</u>	<u>Perforated</u>			
<u>casing opposite Seven Rivers from 2116' - 2126'</u>	<u>KDB.</u>					

TOOLS USED

Rotary tools were used from 0 feet to 2172 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

May 17, 1962 Put to producing May 15, 1962
The production for the first 24 hours was 41 barrels of fluid of which 92% was oil; _____% emulsion; 8% 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

Jake Lawless Drilling, Driller _____, Driller
Company, Otis, Texas, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>537</u>	<u>537</u>	<u>Shale, caliche, sandstone and limestone ledges.</u>
<u>537</u>	<u>1733</u>	<u>1196</u>	<u>(Base Massive Salt) Salt, gypsum, anhydrite.</u>
<u>1733</u>	<u>1925</u>	<u>192</u>	<u>Limestone and anhydrite.</u>
<u>Core #1 1925</u>	<u>1980</u>	<u>55</u>	<u>Sand, shaly lime and sandy dolomite. Show of oil in sand.</u>
<u>Core #2 1980</u>	<u>2035</u>	<u>55</u>	<u>Dolomite and sand with show of oil in sand.</u>
<u>2035</u>	<u>2085</u>	<u>50</u>	<u>Dolomite.</u>
<u>Core #3 2085</u>	<u>2137</u>	<u>52</u>	<u>Dolomite and dolomitic sand with show of oil.</u>
<u>2137</u>	<u>2172</u>	<u>35</u>	<u>Lime</u>
		<u>2172</u>	<u>TD</u>
<u>Electric Log TD:</u>	<u>2142'</u>		
<u>Electric Log Tops:</u>	<u>B/Salt 1733' (/1685)</u>		<u>Note: This well is now dually completed in the Yates Sand and Seven Rivers formation as approved by Commission. Well originally completed in Yates Sand on November 26, 1961.</u>
	<u>T/Yates Sand 1919' (/1499)</u>		
	<u>T/Seven Rivers 2116' (/1302)</u>		

926 10 AM

LOCATE WELL - CO 3 1/2

[illegible]

1. *Chlorophyll a* and *Chlorophyll b*

0-1112 517213 7-4-57C 259A

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, 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 piers or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

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