

Las Cruces

U. S. LAND OFFICE 065128

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Harvey L. Yates Address 314 Carper Bldg., Artesia, New Mexico
Lessor or Tract Sweeney - Federal Field Wildcat State New Mexico
Well No. 1 Sec. 25 T. 18S R. 32E Meridian 10N 10E County Lea
Location 660 ft. N. of Line and 1980 ft. E. of Line of Sec 25 Elevation 3782.5 ft. B. G.
61

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 March 3, 1958

Title

Bookkeeper

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

Commenced drilling January 24, 1958 Finished drilling March 2, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 0- 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 4000 to 4055 No. 3, from 4262 to 4295
No. 2, from 4230 to 4243 No. 4, from 4765 to 4798
4832 4855 4875 4915
5027 5060

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>10V</u>		<u>1534'</u>	<u>Float</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>1534</u>	<u>100x log. 4 1/2 CaCl</u>	<u>war & lug</u>		
	<u>Squeezed 100</u>	<u>xx log. 4 1/2 CaCl at 927'</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 0 feet to 5212 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ 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

P. J. Carre, Driller E. I. Trembley, Jr., Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>50</u>	<u>50</u>	
<u>50</u>	<u>330</u>		
<u>330</u>	<u>610</u>		
<u>610</u>	<u>838</u>		<u>red bed & gyp</u>
<u>838</u>	<u>990</u>		<u>red bed w/stks gyp & anhy</u>
<u>990</u>	<u>1111</u>		<u>red bed & gyp</u>
<u>1111</u>	<u>1195</u>		<u>" " "</u>
<u>1195</u>	<u>1297</u>		<u>red bed</u>
<u>1297</u>	<u>1326</u>		<u>shale w/anhy shells</u>
<u>1326</u>	<u>1428</u>		<u>red bed & anhy gyp</u>
<u>1428</u>	<u>1467</u>		<u>" " "</u>
<u>1467</u>	<u>1533</u>		<u>salt</u>
<u>1533</u>	<u>1561</u>		<u>"</u>
<u>1561</u>	<u>1585</u>		<u>"</u>
<u>1585</u>	<u>1790</u>		<u>"</u>
<u>1790</u>	<u>2630</u>		<u>salt & anhy</u>
<u>2630</u>	<u>2950</u>		<u>" "</u>
<u>2950</u>	<u>3852</u>		<u>anhy</u>
<u>3852</u>	<u>4125</u>		<u>"</u>
<u>4125</u>	<u>5212 T.D.</u>		<u>anhy & dolo</u>
			<u>dolo</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 bailing.

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FORM -	TO -	TOTAL FEET	FORMATION
			10-40084-2 U. S. GOVERNMENT PRINTING OFFICE