

U. S. LAND OFFICE Las Cruces

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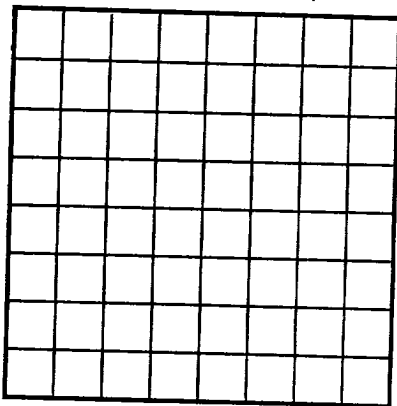
SERIAL NUMBER 063967

LEASE OR PERMIT TO PROSPECT

UNITED STATES Harvey E. Yates

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Lillie M. Yates Address Box 397, Artesia, New MexicoLessor or Tract Harvey E. Yates Field McMillan State New MexicoWell No. 2 Sec. 7 T. 20R 27 Meridian N.M.P.M. County EddyLocation 330 ft. (S.) of N Line and 1650 ft. (W.) of E Line of Sec. 7 Elevation _____

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 Lillie M. YatesDate November 20th, 1950 Title Owner

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

Commenced drilling November 3rd, 1950 Finished drilling November 17th, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 490 to 495 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>7</u>	<u>20</u>			<u>435</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>7"</u>	<u>435'</u>	<u>20</u>	<u>Denton Oil Well Cementing Co.</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>Nitro-glycerin</u>	<u>60</u>	<u>15</u>	<u>712</u>	<u>735</u>

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 735 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing November 17th, 1950The production for the first 24 hours was 50 barrels of fluid of which 100 % 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

J. M. Welch, Driller P. V. Morris, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>50</u>		<u>Gyp</u>
<u>50</u>	<u>100</u>		<u>Anhyd. and gyp</u>
<u>100</u>	<u>200</u>		<u>Anhyd.</u>
<u>200</u>	<u>215</u>		<u>Sand</u>
<u>215</u>	<u>325</u>		<u>Anhyd. and lime</u>
<u>325</u>	<u>330</u>		<u>water, sand</u>
<u>330</u>	<u>345</u>		<u>Lime</u>
<u>345</u>	<u>355</u>		<u>water, sand</u>
<u>355</u>	<u>695</u>		<u>Lime</u>
<u>695</u>	<u>712</u>		<u>Sand & anhyd.</u>
<u>712</u>	<u>735</u>		<u>Queen sand</u>

(OVER)

16-49084-2

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Y 177-2910 2.743 4.51 J

[illegible]

Y 177-2910 2.743 4.51 J

16-43094-1 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of rebedding, 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.

FORMATION RECORD—Continued