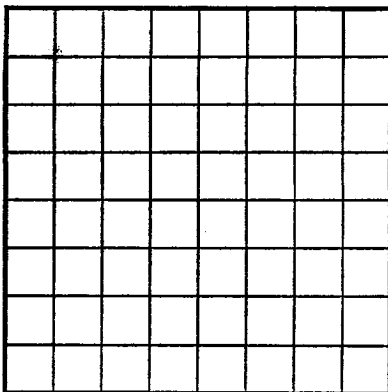


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 045818 A
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Nunn & Geiser Address Artesia, New Mexico
Lessor or Tract Hastie Field Empire State New Mexico
Well No. 8 Sec. 18 T. 17S R. 28E Meridian N.M.P.M. County Eddy
Location 2310 ft. (N. of S.) of N. Line and 2379 ft. (E. of W.) of W. Line of Sec. 18 Elevation _____
(Denote 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 Ralph A. ShugartDate 10-5-50Title Agent

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

Commenced drilling 8-22-, 19 50 Finished drilling 9-15-, 19 50

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 528 to 540 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 175 to 180 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>10</u>	<u>J&L</u>	<u>500'</u>	<u>Tex. Pat.</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>500</u>	<u>25 sacks</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>1000 gals acid</u>			<u>9/12/50</u>	<u>552 feet</u>	
	<u>2000 gals acid</u>			<u>9/14/50</u>	<u>552 feet</u>	

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 552 feet, and from _____ feet to _____ feet

DATES

9-15, 19 50 Put to producing 9-15-, 19 50

The production for the first 24 hours was 50 barrels of fluid of which 100 % was oil; 0 % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours X Gallons gasoline per 1,000 cu. ft. of gas X

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Leon Dowell, Driller C. E. Geiser, Driller
_____, Driller Fred Geiser, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>15</u>	<u>15</u>	<u>Caliche</u>
<u>15</u>	<u>30</u>	<u>15</u>	<u>Red shale</u>
<u>30</u>	<u>35</u>	<u>5</u>	<u>Flag rock</u>
<u>35</u>	<u>60</u>	<u>25</u>	<u>Red shale</u>
<u>60</u>	<u>115</u>	<u>55</u>	<u>Anhydrite</u>
<u>115</u>	<u>120</u>	<u>5</u>	<u>Yellow shale</u>
<u>120</u>	<u>125</u>	<u>5</u>	<u>Anhydrite</u>
<u>125</u>	<u>155</u>	<u>30</u>	<u>Broken anhydrite</u>
<u>155</u>	<u>180</u>	<u>25</u>	<u>Anhy. & lime - Water (salty)</u>
<u>180</u>	<u>200</u>	<u>20</u>	<u>Anhydrite</u>
<u>200</u>	<u>205</u>	<u>5</u>	<u>Grey lime</u>
<u>205</u>	<u>225</u>	<u>20</u>	<u>Broken lime</u>
<u>225</u>	<u>230</u>	<u>5</u>	<u>Anhydrite</u>
<u>230</u>	<u>245</u>	<u>15</u>	<u>Red shale</u>
<u>245</u>	<u>255</u>	<u>10</u>	<u>Anhydrite</u>
<u>255</u>	<u>300</u>	<u>45</u>	<u>Red sandy shale</u>
<u>300</u>	<u>320</u>	<u>20</u>	<u>Anhydrite, broken</u>
<u>320</u>	<u>330</u>	<u>10</u>	<u>Red shale</u>
<u>330</u>	<u>390</u>	<u>60</u>	<u>Broken anhydrite</u>
<u>390</u>	<u>460</u>	<u>70</u>	<u>Lime</u>
<u>460</u>	<u>470</u>	<u>10</u>	<u>Anhydrite</u>
<u>470</u>	<u>475</u>	<u>5</u>	<u>Grey lime</u>
<u>475</u>	<u>480</u>	<u>5</u>	<u>Lime & red shale</u>
<u>480</u>	<u>495</u>	<u>15</u>	<u>Anhydrite</u>
<u>495</u>	<u>497</u>	<u>2</u>	<u>Anhydrite & shale</u>

(OVER)

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