

Form 9-380

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 050158
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALBANY, NEW YORK

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Owen Haynes Address Box 981, Artesia, New Mexico
Lessor or Tract Harbold Field Red Lake Ext. State New Mexico
Well No. 5 Sec. 26 T. 17 R. 27 Meridian N.M.P.M. County Sddy
Location 330 ft. {N. of S. Line and 290 ft. {E. of W. Line of 26 Elevation _____
(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 E. B. WilliamsDate March 20, 1952Title Agent

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

Commenced drilling 8-10-51, 19____ Finished drilling 2-12-52, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 410 to 415 No. 4, from _____ to _____
No. 2, from 1009 to 1011 No. 5, from _____ to _____
No. 3, from 1571 to 1607 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>used</u>	<u>623</u>					
<u>7"</u>			<u>used</u>	<u>910</u>					
<u>5-1/2"</u>			<u>used</u>	<u>1280</u>					
HISTORY OF OIL OR GAS WELL									

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>623</u>	<u>15</u>			
<u>7"</u>	<u>910</u>	<u>25</u>			
<u>5-1/2"</u>	<u>1280</u>	<u>50</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-gly</u>	<u>120 qts</u>		<u>1571-1607</u>	<u>1607</u>

TOOLS USED

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

Cable tools were used from 0 feet to 1620 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing March 1, 1952

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

It gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>45</u>	<u>72</u>		<u>Broken anhy</u>
<u>72</u>	<u>130</u>		<u>red bed</u>
<u>130</u>	<u>190</u>		<u>anhy & red bed</u>
<u>190</u>	<u>230</u>		<u>anhy</u>
<u>230</u>	<u>262</u>		<u>red bed</u>
<u>262</u>	<u>285</u>		<u>broken anhy</u>
<u>285</u>	<u>365</u>		<u>anhy</u>
<u>365</u>	<u>370</u>		<u>red bed</u>
<u>370</u>	<u>395</u>		<u>anhy, white & hard</u>
<u>395</u>	<u>398</u>		<u>anhy</u>
<u>398</u>	<u>401</u>		<u>Brown lime</u>
<u>401</u>	<u>407</u>		<u>anhy</u>
<u>407</u>	<u>410</u>		<u>red bed</u>
<u>410</u>	<u>415</u>		<u>Brown lime, Show of oil</u>
<u>415</u>	<u>420</u>		<u>anhy</u>
<u>420</u>	<u>445</u>		<u>gyp</u>
<u>445</u>	<u>450</u>		<u>shale</u>
<u>450</u>	<u>460</u>		<u>gyp</u>
<u>460</u>	<u>565</u>		<u>lime</u>
<u>565</u>	<u>575</u>		<u>clay, blue</u>
<u>575</u>	<u>595</u>		<u>gyp. lime</u>
<u>595</u>	<u>625</u>		<u>Brown shale</u>
<u>625</u>	<u>630</u>		<u>Blue shale</u>
<u>630</u>	<u>635</u>		<u>lime</u>

(OVER)

16-43094-2

LOG OF OIL OR GAS WELL

A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares.

LOCATE WELL CORRECTLY

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.

Location of Well { N. of Line and Sec. T. R. E. Meridian } of Line of
Well No. _____ Sec. _____ T. _____ R. _____ E. Meridian _____ County _____ State _____
Lessor or Tract _____ Township _____ Range _____ State _____
Company _____ Address _____

so far as can be determined from all available records.

signed _____

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

OIL OR GAS SANDS OR ZONES

No. 3, from	1891	to	No. 6, from	1891
No. 2, from	1891	to	No. 5, from	1891
No. 1, from	1891	to	No. 4, from	1891

IMPORTANT WATER SANDS

No. 1, from	to	No. 3, from	to
No. 2, from	to	No. 4, from	to

CASING RECORD

Casting size	# girth per foot	Threads per inch)	Marks	Amount	Kind of shoe	Gut and pulled from	Estimated value
							Purpose

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 "mudcracked," or left in the well, give reasons 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.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Plate Number	Where set	Number seeds of parent	Method used	Yield (grams)	Best time to harvest
10	10	10			
11	11	11			
12	12	12			

PLUGS AND ADAPTERS

Leaving blank	Material	Length	10 feet
		Size	

SHOOTING RECORD

1700 hours	1800 hours	1900 hours	2000 hours	2100 hours	2200 hours	2300 hours	2400 hours
1700 hours	1800 hours	1900 hours	2000 hours	2100 hours	2200 hours	2300 hours	2400 hours

TOOLS USED

Cable tools were used from	to	feet and from	feet to
Botany tools were used from	to	feet and from	feet to

DATE

Rock pressure, lbs. per sq. in.	
It gas well, cu. ft. per 24 hours	
emulsion; % water; and % sediment	
The production for the first 24 hours was	
barrels of fluid of which % was oil	
Gravity, °Bé.	
Gallons gasoline per 1,000 cu. ft. of gas	
Put to producing	

EMPLOYEES

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FORMATION RECORD

FORMATION	TO	FROM	TOTAL FEET
red bed, any	640	635	
any	660	660	
red sand	680	680	
any	710	710	
live shale	780	780	
any, red rock	905	890	
any	915	905	
any, lime	940	915	
lime	1010	940	
any	1045	1010	
any, red rock	1080	1045	
any	1285	1080	
any, show of gas 1090-1107	1299	1285	
brown lime	1322	1299	
lime	1346	1322	
any	1577	1346	
lime	1583	1577	
sand, any, dolomite	1592	1583	
sand	1600	1592	
sandy lime	1602	1600	
sand & lime	1611	1602	
sand	1620	1611	
Time TO Plugged back to 1607		1620	