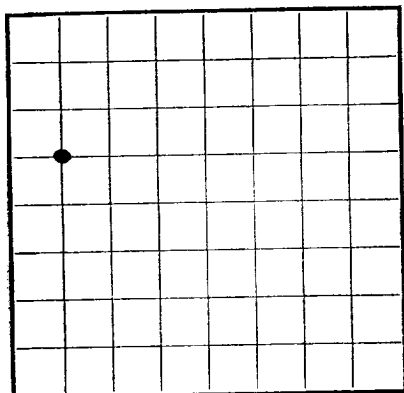


U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **04591**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company John H. Trigg Address P. O. Box 5629 Roswell, New Mexico
Lessor or Tract Federal "T" Lease Field E-K Queen State New Mexico
Well No. 7-19 Sec. 19 T. 18S R. 34E Meridian N.M.P.M. County Lea
Location 1930 ft. N. of N Line and 609.5 ft. E. of W Line of Section Elevation 3972
(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 W. W. PickettDate June 14, 1956Title Geologist

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

Commenced drilling May 9, 19 56 Finished drilling June 8, 19 56

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4411 to 4425 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>13-3/8</u>	<u>44</u>	<u>Spiral</u>	<u>Field</u>	<u>250</u>	<u>Texas Pattern</u>				
<u>8-5/8</u>	<u>24</u>	<u>J-53</u>	<u>J-53</u>	<u>1705</u>	<u>Texas Pattern</u>				
<u>5 1/2</u>	<u>15 1/2</u>	<u>J-55</u>	<u>J-55</u>	<u>4403</u>	<u>Guide Shoe</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8</u>	<u>250'</u>	<u>200 sx.</u>	<u>Circulated</u>		
<u>8-5/8</u>	<u>1705'</u>	<u>50 sx.</u>			
<u>5 1/2</u>	<u>4403'</u>	<u>100 sx.</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 1705 feet, and from _____ feet to _____ feet
Cable tools were used from 1705 feet to 4425 feet, and from _____ feet to _____ feet

DATES

June 14, 19 56 Put to producing June 8, 19 56

The production for the first 24 hours was 111 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. B. Jones, Driller M. D. Cape, Driller
C. E. Rinehart, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>1600</u>	<u>1700</u>	<u>100</u>	<u>Red Beds</u>
<u>1700</u>	<u>1950</u>	<u>250</u>	<u>Anhydrite, Dolomite, salt & red beds</u>
<u>1950</u>	<u>2995</u>	<u>1045</u>	<u>Salt, with anhydrite and potash stringers</u>
<u>2995</u>	<u>3159</u>	<u>164</u>	<u>Anhydrite w/salt and red bed stringers</u>
<u>3159</u>	<u>3172</u>	<u>13</u>	<u>Fine gry. sand</u>
<u>3172</u>	<u>3618</u>	<u>446</u>	<u>Anhydrite - some sand, shale & lime</u>
<u>3618</u>	<u>3670</u>	<u>52</u>	<u>Fine red & gray sand - some lime</u>
<u>3670</u>	<u>4373</u>	<u>703</u>	<u>Anhydrite and dolomite with sand and shale stringers</u>
<u>4373</u>	<u>4411</u>	<u>38</u>	<u>Fine red sand</u>
<u>4411</u>	<u>4425</u>	<u>14</u>	<u>Fine gray sand - Oil</u>
	<u>4425</u>	<u>Total Depth</u>	

[illegible]

FOR OF OIL OR GAS WELL

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BIOLOGICAL SURVEY

[illegible]

OFF OF THE SANDS OR ZONES

13-23-2015

[illegible]

IMPORTANT WATER SAVING

0000000000000000

DATE	TIME	LOCATION	ACTIVITY	REMARKS
1964	10:00	...	...	...
1964	11:00	...	...	...
1964	12:00	...	...	...
1964	13:00	...	...	...
1964	14:00	...	...	...
1964	15:00	...	...	...
1964	16:00	...	...	...
1964	17:00	...	...	...
1964	18:00	...	...	...
1964	19:00	...	...	...
1964	20:00	...	...	...
1964	21:00	...	...	...
1964	22:00	...	...	...
1964	23:00	...	...	...
1964	24:00	...	...	...

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.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-43094-2

FROM	TO	TOTAL FEET	FORMATION
			FORMATION RECORD
			EMPLOYERS
			DATES
			TOOLS USED
			SURFACE ELEVATION
			MATERIALS AND OBSERVATIONS