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MAR 20 1958

U. S. LAND OFFICE Santa Fe, N.M.

SERIAL NUMBER 16-043045

LEASE OR PERMIT TO PROSPECT

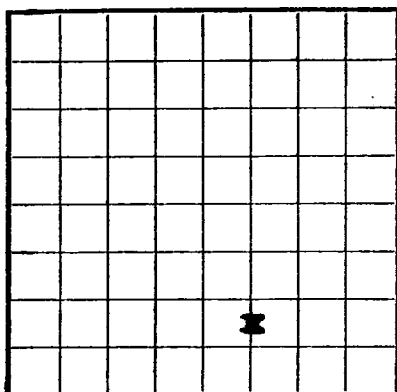
MAR 19 1958

ARTESIA, NEW MEXICO

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company T.J. Sivley Address Box 1208, Artesia, New Mexico
Lessor or Tract Thomas J. Sivley Field E.K. Queen State New Mexico
Well No. 17-24 Sec. 24 T. 18S R. 33E Meridian NMCM County Lea
Location 290 ft. N. of 3 Line and 1990 W. of 1 Line of 24 Elevation 3916 DF
(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

Date 3/17/58

Title Owner-Operator

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

Commenced drilling December 24, 1957 Finished drilling January 14, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4619 G to 4634 G 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>8-5/8"</u>	<u>24 1/2</u>	<u>5 1/2</u>	<u>I.W.</u>	<u>290'</u>	<u>T.P.</u>				<u>Test</u>
<u>5-1/2"</u>	<u>18 1/2</u>	<u>5 1/2</u>	<u>I.W.</u>	<u>4637'</u>	<u>Pin Point</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>290'</u>	<u>175 Sacks</u>	<u>Denton</u>	<u>40</u>	<u>Cement Circulated</u>
<u>5-1/2"</u>	<u>4637'</u>	<u>200 "</u>	<u>Denton</u>	<u>36</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 4637 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

3/10, 1958 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 5000 cfd

Gallons gasoline per 1,000 cu. ft. of gas Dry with High nitrogen content

Rock pressure, lbs. per sq. in. 590 Lbs

EMPLOYEES

_____, Driller D.J. Paterson, Driller
M.W. Raley, Driller
J.W. Smith, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>20</u>	<u>20</u>	<u>Sand & Caliche</u>
<u>20</u>	<u>1349</u>	<u>1329</u>	<u>Red Beds & Shale</u>
<u>1349</u>	<u>1455</u>	<u>106</u>	<u>Anhy Shells</u>
<u>1455</u>	<u>1814</u>	<u>359</u>	<u>Anhy. & Red Beds</u>
<u>1814</u>	<u>1925</u>	<u>111</u>	<u>Salt</u>
<u>1925</u>	<u>2980</u>	<u>1055</u>	<u>Salt & Anhy. Shells</u>
<u>2980</u>	<u>3263</u>	<u>283</u>	<u>Anhy. & Gpy.</u>
<u>3263</u>	<u>4340</u>	<u>1077</u>	<u>Anhy.</u>
<u>4340</u>	<u>4410</u>	<u>80</u>	<u>Anhy. & Red Sand (Core #1)</u>
<u>4410</u>	<u>4620</u>	<u>210</u>	<u>Anhy. & Lime</u>
<u>4620</u>	<u>4657</u>	<u>27</u>	<u>Gray Sand & Lime (Core #2) Gas</u>
			<u>Top of Queen - 4358'</u>
			<u>Top of Penrose - 4619'</u>
			<u>2 Copies of Samples analysis by V.P. Sheldon</u>
			<u>2 Copies of Electric Logs</u>
			<u>Enclosed</u>

FORM—

303—

JOHN W. BROWN

(OVER)

16-43004-4

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JOHN W. BROWN

