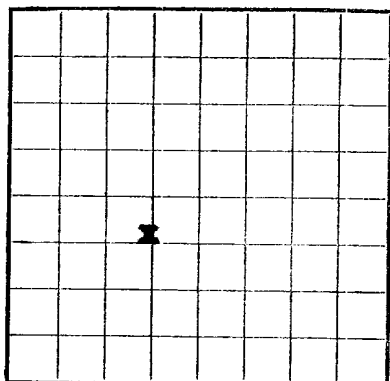


U. S. LAND OFFICE **Santa Fe, N.M.**SERIAL NUMBER **LC-063645**

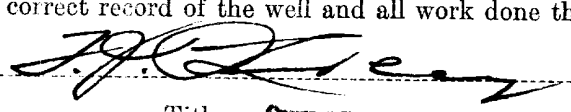
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company **Thomas J. Sivley** Address **Box 1208**  
Lessor or Tract **Thomas J. Sivley** Field **E.K. Queen** State **New Mexico**  
Well No. **2** Sec. **19** T. **18S** R. **34E** Meridian **NMPM** County **Lea**  
Location **1980** ft. **N.** of **8** Line and **1897** ft. **E.** of **W.** Line of **Sec. 19** Elevation **3982**  
(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 **March 15, 1957** Title **Owner**

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

Commenced drilling **10/17**, 19**56** Finished drilling **11/5**, 19**56**

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **4432** to **4444** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from **4678G as** to **4686 G as** 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—	
<b>8-5/8</b>	<b>24#</b>	<b>8 Vthd</b>	<b>L.L.</b>	<b>300'</b>	<b>T.P.</b>				<b>Surface Oil String</b>
<b>5-1/2</b>	<b>14#</b>	<b>8Rnd</b>	<b>Sals</b>	<b>4703'</b>	<b>Float</b>				

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<b>8-5/8</b>	<b>300'</b>	<b>175 Sacks</b>	<b>Halliburton</b>		<b>Cement Circulated</b>
<b>5-1/2</b>	<b>4703'</b>	<b>200 "</b>	<b>"</b>	<b>40</b>	

## 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 **4704'** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

**March 15,** 19**57** Put to producing **March 14**, 19**57**

The production for the first 24 hours was **87** barrels of fluid of which **99** % was oil; **1** %  
emulsion **3/4** % water; and **1/4** % sediment. Gravity, °Bé. **36.9**

If gas well, cu. ft. per 24 hours **5.5 Million** Gallons gasoline per 1,000 cu. ft. of gas **Dry**

Rock pressure, lbs. per sq. in. **1450 Lbs. (Test)** Plug Back - **4432-4444'**

**E.R. Mitchell**, Driller

**H.T. Dymke**, Driller

**Loyd Wells**, Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<b>0</b>	<b>50</b>	<b>50</b>	<b>Caliche &amp; Red Beds</b>
<b>50</b>	<b>1659</b>	<b>1609</b>	<b>Red Rock &amp; Red Beds</b>
<b>1609</b>	<b>1980</b>	<b>339</b>	<b>Anyh. &amp; Red Beds</b>
<b>1980</b>	<b>3014</b>	<b>1034</b>	<b>Salt &amp; Anyh.</b>
<b>3014</b>	<b>3508</b>	<b>494</b>	<b>Anyh. &amp; Shale</b>
<b>3508</b>	<b>3866</b>	<b>358</b>	<b>Sandy Lime &amp; Shale</b>
<b>3866</b>	<b>4390</b>	<b>524</b>	<b>Lime &amp; Shale</b>
<b>4390</b>	<b>4453</b>	<b>63</b>	<b>Anyh. &amp; Sand (Core #1-2) Queen</b>
<b>4453</b>	<b>4540</b>	<b>87</b>	<b>Lime &amp; Shale</b>
<b>4540</b>	<b>4670</b>	<b>130</b>	<b>Lime</b>
<b>4670</b>	<b>4704</b>	<b>34</b>	<b>Sand - Core #3 Penrose.</b>
			<b>Sample analysis by E.E. Kinney</b>
			<b>Electric Logs from Braden Head</b>
			<b>Elevation of 3974'.</b>
			<b>Penrose - Perforated 4578-4686- Gas</b>
			<b>Plug back 4471'-</b>
			<b>Queen Sand - Perforated 4432-4444'</b>
			<b>Top of Queen - 4400' BH</b>

NEW 243 90 110 70 201

[illegible]

1. The first part of the document is a letter from the President of the United States to the Secretary of the Navy, dated 1890. The letter is signed by William McKinley and is addressed to the Secretary of the Navy, John D. Long. The letter is dated 1890 and is signed by William McKinley.

[illegible]

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

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Form C-110  
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator T.J. Sivley Lease Federal 19  
Well No. 2 Unit Letter K S 19 T 18S R 34E Pool E.K. Queen  
County Lea Kind of Lease (State, Fed. or Patented) Federal-LC-063645  
If well produces oil or condensate, give location of tanks: Unit K S 19 T 18S R 34E  
Authorized Transporter of Oil or Condensate Cactus Petroleum, Inc.,  
Address Cactus Petroleum, Inc., Box 1567, Midland, Texas  
(Give address to which approved copy of this form is to be sent)  
Authorized Transporter of Gas Phillips Petroleum Company  
Address Bartlesville, Okla  
(Give address to which approved copy of this form is to be sent)  
If Gas is not being sold, give reasons and also explain its present disposition:

Reasons for Filing: (Please check proper box) New Well ☒  
Change in Transporter of (Check One): Oil ( ) Dry Gas ( ) C'head ( ) Condensate ( )

Change in Ownership ( ) Other ( )  
Remarks: (Give explanation below)

**This certificate is intended to authorize Cactus Petroleum, Inc., to Transport by truck the oil produced from this lease to their receiving tanks on Texas & New Mexico Pipe Line in the west Vacuum Pool,**

**And to**

**Authorize Phillips Petroleum Company to purchase the gas from the separator from said lease by pipe line.**

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 15th day of March 1957

By T.J. Sivley

Approved \_\_\_\_\_ 19\_\_\_\_

Title Owner

OIL CONSERVATION COMMISSION

Company T.J. Sivley

By R.E. Montgomery

Address Box 1208,

Title \_\_\_\_\_

Artesia, New Mexico