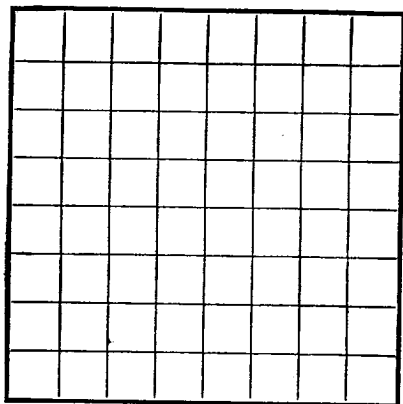


1956 JUN 1 AM 10:10

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM-04181
LEASE OR PERMIT TO PROSPECT Malco



LOCATE WELL CORRECTLY

RECEIVED
MAY 29 1956

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company M. R. Antweil Address P.O. Box 1058 Hobbs, New Mex.
Lessor or Tract Malco Federal Field Undisegated State New Mexico
Well No. 1-B Sec. 14 T. 15-S R. 30-E Meridian N.M.P.M. County Chaves
Location 660 ft. S. of N. Line and 660 ft. W. of E. Line of Section 14 Elevation 4181 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

A. J. Tami, Jr.
Title Geologist

Date 5-25-56

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

Commenced drilling 5-16-, 196 Finished drilling 5-24-, 196

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to None 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 None to None 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>9 5/8 32#</u>		<u>8 Rd.</u>	<u>J-55</u>	<u>220.08</u>	<u>Texas Guide</u>	<u>---</u>			
<u>HISTORY OF OIL OR GAS WELL</u>									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9 5/8</u>	<u>220.08'</u>	<u>100</u>	<u>Pump & Plug</u>	<u>9.2</u>	<u>Native Mud</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>NONE</u>				

TOOLS USED

Rotary tools were used from 0 feet to 2754 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing D&A No. Production, 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Creed Cox, Driller R. V. Bolt, Jr., Driller
T. A. Turner, Driller Audie Dilland, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>940'</u>	<u>940'</u>	<u>Red Beds</u>
<u>940'</u>	<u>1080'</u>	<u>140'</u>	<u>Anhydrite</u>
<u>1080'</u>	<u>1780'</u>	<u>700'</u>	<u>Salt</u>
<u>1780'</u>	<u>1930'</u>	<u>150'</u>	<u>Salt, Anhydrite, Shale and Sand</u>
<u>1930'</u>	<u>2100'</u>	<u>170'</u>	<u>Sand and Anhydrite</u>
<u>2100'</u>	<u>2732'</u>	<u>632'</u>	<u>Anhydrite, Salt and Shale</u>
<u>2732'</u>	<u>2754'</u>	<u>22'</u>	<u>Red dense Sand and Anhydrite</u>
<u>Formation Tops</u>			<u>Core #1 2726' to 2754' Recovered 28'</u>
<u>Top Rustler</u>	<u>940'</u>		<u>8' Anhydrite</u>
<u>Top Salt</u>	<u>1080'</u>		<u>3' Grey Sand No Show</u>
<u>Base Salt</u>	<u>1780'</u>		<u>18' Red Sand No Show</u>
<u>Top Yates</u>	<u>1930'</u>		<u>3' Anhydrite</u>
<u>Top Queen</u>	<u>2732'</u>		<u>8' Red Sand No Show</u>
			<u>3' Anhydrite</u>
			<u>1/2' Shale</u>
			<u>1 1/2' Anhydrite</u>

FROM—

TO—

TOTAL FEET

(OVER)

FORMATION

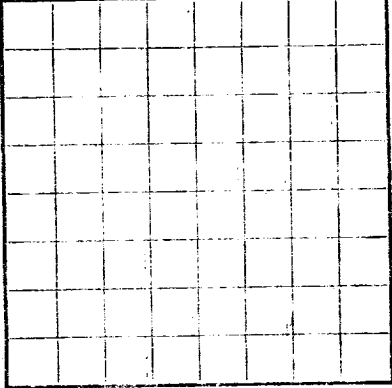
16-43094-3

FORMATION RECORD—CONTINUED

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

Serial Number
Date of Permit to Prospect



LOCATE WELL CORRECTLY

Company
Lessor or Tract
Well No.
Location
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.

Date
The summary on this page is for the condition of the well at above date.
Commenced drilling
Finished drilling

OIL OR GAS SANDS OR ZONES

(Denote zone by G)

No. 1 from
No. 2 from
No. 3 from

IMPORTANT WATER SANDS

No. 1 from
No. 2 from

CASING RECORD

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, 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

Amount of mud used
Mud gravity
Method used

PLUGS AND ADAPTERS

Heaving plug
Adapters—Material
Length
Depth set

SHOOTING RECORD

Size
Shot used
Explosive used
Quantity
Date
Depth shot
Depth cleaned out

TOOLS USED

Rotary tools were used from
Cable tools were used from

DATES

The production for the first 24 hours was
If gas well, cut in per 24 hours
Flow pressure lbs. per sq. in.
Gravimetric
Gravimetric

EMPLOYEES

Driller
Driller

FORMATION RECORD

FROM
TO
TOTAL FEET
FORMATION

FORMATION

TOTAL FEET

TO

FROM

FORMATION RECORD—Continued