

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **068370**
LEASE OR PERMIT TO PROSPECT **Yates**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company MORRIS R. ANTWEIL Address BOX 1058, Hobbs, N. M.
Lessor or Tract Yates Bros. Field Indesignated State N. M.
Well No. 6 Sec. 33 T. 14S R. 31E Meridian N.M.P.M. County Chaves
Location 1980 ft. N of N Line and 330 ft. W of E Line of Sec. 33 Elevation 4429
(Derrick 800' 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.

Date July 2, 1955 Signed [Signature] Title Agent

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

Commenced drilling June 10, 1955 Finished drilling July 1, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3086 to 3103 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 _____

No. 2, from _____ to _____

No. 3, 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—	
9895/8	40 & 36			296	TPCulide				
5 1/2	155-30			2105	TPCulide				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	304	140	Pump & Plug	9	65 sacks
5 1/2	3114	100	Pump & Plug	10.4	Native

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 31-14 feet, and from _____ feet to _____ feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

Put to producing July 1, 1955

The production for the first 24 hours was 1080 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

Leo Kohn _____, Driller **J. W. Harris** _____, Driller
D. O. Craddock _____, Driller _____, Driller

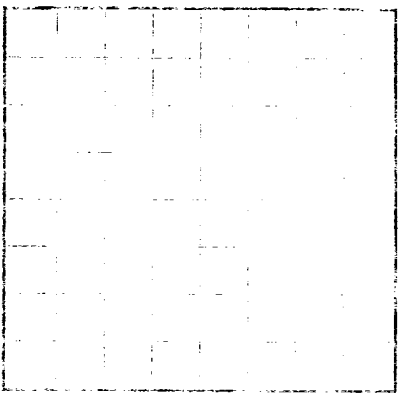
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2000	2165	165	Salt
2165	2318	153	Anhydrite, salt, red & green shale
2318	2428	110	Sand, anhydrite, red & green shale
2428	3086	658	Anhydrite, salt, red & green shale
3086	3103	17	Oil sand
3103	3114	11	Anhydrite, red & green shale

CORE NO. 1 3086-3104 (Sec. 18)
3086 - 3103 Grey sand w/oil odor
and stain
3103 - 3104 Anhydrite

TOPS:

Yates	2318	(+2123)
Queen	3088	(+1353)
TD	3114	(+1327)



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The information given in this log is a complete and correct record of the work done in the well, and it is the responsibility of the person making the log to see that it is correct and complete. It should be made in detail at the time the work is done, and it should be kept in a safe place where it can be referred to at any time.

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 "struck" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of holes. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Oil or Gas Sands or Bones
No. 1 from 0 to 10 feet
No. 2 from 10 to 20 feet
No. 3 from 20 to 30 feet
No. 4 from 30 to 40 feet
No. 5 from 40 to 50 feet
No. 6 from 50 to 60 feet
No. 7 from 60 to 70 feet
No. 8 from 70 to 80 feet
No. 9 from 80 to 90 feet
No. 10 from 90 to 100 feet

Water Sands
No. 1 from 0 to 10 feet
No. 2 from 10 to 20 feet
No. 3 from 20 to 30 feet
No. 4 from 30 to 40 feet
No. 5 from 40 to 50 feet
No. 6 from 50 to 60 feet
No. 7 from 60 to 70 feet
No. 8 from 70 to 80 feet
No. 9 from 80 to 90 feet
No. 10 from 90 to 100 feet

Casing Record
Date of Installation
Kind of Casing
Amount of Casing
Depth of Casing
Depth of Hole
Depth of Water
Depth of Oil
Depth of Gas
Depth of Bones
Depth of Sand
Depth of Gravel
Depth of Clay
Depth of Limestone
Depth of Coal
Depth of Shale
Depth of Sandstone
Depth of Gypsum
Depth of Salt
Depth of Potash
Depth of Soda
Depth of Lime
Depth of Magnesia
Depth of Iron
Depth of Copper
Depth of Lead
Depth of Zinc
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TOOL LOG
Date of Installation
Kind of Tool
Amount of Tool
Depth of Tool
Depth of Hole
Depth of Water
Depth of Oil
Depth of Gas
Depth of Bones
Depth of Sand
Depth of Gravel
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The production for the first 24 hours was 100 barrels of oil and 50 barrels of gas. The well was completed on 10/1/1910 and began production on 10/1/1910. The well was drilled to a depth of 100 feet and was cased to a depth of 80 feet. The casing was made of 4-inch diameter pipe and was cemented in place. The well was then drilled to a depth of 100 feet and was cased to a depth of 80 feet. The casing was made of 4-inch diameter pipe and was cemented in place.

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