

**GEOLOGICAL SURVEY
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DEC 14 1939
Roswell, New Mexico

U. S. LAND OFFICE Las CrucesSERIAL NUMBER 049947

LEASE OR PERMIT TO PROSPECT

Martin Yates, III

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

RECEIVED

MAR 10 1977

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

G. C. C.**ARTESIA, OFFICE**Company ARTESIA, OFFICE Address Artesia, New MexicoLessor or Tract _____ Field Loco Hills State New MexicoWell No. 3-A Sec. 6 T. 18 R. 30 Meridian N.T.M. County EddyLocation 1650 ft. of N. Line and 1650 ft. of E. Line of Sec. 6 Elevation 3547 ft. (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.

Date December 13th, 1939Signed Beth King Title Agent

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

Commenced drilling October 5th, 1939 Finished drilling November 10th, 1939**OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from 2815 to 2845 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—	
8" Casing				456 ft		50 Sacks of Cement			
7" Casing									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

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
Shot well from 2805 ft to 2845 ft with 175 quarts of Nitro-Glycerin, work done November 9, 1939 by the New Mexico Glycerin Company, Artesia, New Mexico.						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 2845 feet, and from _____ feet to _____ feet**DATES**_____, 19____ Put to producing November 11th, 1939The production for the first 24 hours was 125 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 33°

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEESCarl Byler, Driller Alfred Gooley, DrillerA. E. Maxwell, Driller _____, Driller**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
0	105		Sand
105	130		Gravel
130	140		Sand Shale
140	165		Gravel
165	255		Red Sand
255	280		Red Shale
280	305		Cyp
305	320		Anhydrite
320	330		Sand
330	340		Red Shale
340	355		Salt
355	370		Salt and Potash
370	370		Salt
370	370		Anhydrite
370	370		Salt
370	370		Salt and Potash
370	370		Salt
370	370		Anhydrite
370	370		Salt
370	370		Salt and Potash
370	370		Salt
370	370		Anhydrite
370	370		Salt
370	370		Salt and Potash
370	370		Salt
370	370		Anhydrite
370	370		Anhydrite and Red Shale
370	370		Anhydrite and Shale
370	370		Anhydrite and Red Shale

(OVER)

FORMATION RECORD—continued

6-8745

