

Form 9-330

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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

N. B. 024739
N. B. Todhunter

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Waters & Williamson Address Box 144
Lessor or Tract Todhunter Field W. C. State New Mex.
Well No. 1 Sec. 22 T. 14 R. 28 Meridian _____ County Chaves
Location 660 ft. N. of N. Line and 660 ft. E. of _____ Line of Section 22 Elevation _____
(Berrick 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 M. L. Todhunter
Date 8-30-58 Title Dr. L. Todhunter

The summary on this page is for the condition of the well at above date.
Commenced drilling 8-8-, 1958 Finished drilling 8-24-, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to _____ 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 90 to 100 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>32</u>	<u>8</u>		<u>170'</u>	<u>Tex. Pat.</u>				<u>Shut off service water</u>

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>170'</u>			<u>12 lb.</u>	<u>4 tons</u>

PLUGS AND ADAPTERS

Heaving plug—Material None 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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from surface feet to 1374 feet, and from _____ feet to _____ feet

DATES

_____, 19____ 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Morris Tidmore _____, Driller _____, Driller
D. L. Kernanay _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3		Top soil
3	5		Gyp
5	90		Red Shale
90	100		Water Sand
100	140		Shale and Anhy.
140	160		Red Shale
160	225		Red Bed and Anhy.
225	260		Broken salt and Anhy.
260	320		Salt, Red Bed and Anhy.
320	355		Anhy.
355	435		Anhy.
435	475		Anhy to Red Bed
475	485		Red Shale
485	95		Hard Sand
95	505		Shale
505	540		Anhy. and Red Bed
540	570		Anhy. and Red Shale
570	610		Sand and Shale
610	620		Lime
620	705		Anhy.
705	730		Anhy. & Lime
730	765		Anhy.
765	805		Anhy.
805	845		Anhy.
845	890		Anhy.

(OVER)

