

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Water Injection Well

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Wood River Oil & Refining Co., Inc. Address 321 W. Douglas Wichita 2, Kansas
Lessor or Tract Mary E. Wills Federal #4 Field Rhodes State New Mexico
Well No. 8 Sec. 35 T. 26S R. 37E Meridian NMPM County Lea
Location 1135 ft. N of S Line and 1135 ft. E of W Line of Sec. 35 Elevation 2987.48
(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

Helen Smith

Date 10/31/59

Title Agent-Helen Smith

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

Commenced drilling 9/8, 19 59 Finished drilling 9/19, 19 59

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from — 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 — 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—	
<u>8-5/8"</u>	<u>24#</u>	<u>8</u>	<u>J-55</u>	<u>609'</u>	<u>Howe</u>				<u>Surface</u>
<u>5-1/2"</u>	<u>11#</u>	<u>8</u>	<u>J-55</u>	<u>3324'</u>			<u>3256'</u>	<u>3267'</u>	<u>Injection</u>
							<u>3274'</u>	<u>3297'</u>	
							<u>1/500 gal. MA</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>60'</u>	<u>275 sx circulated</u>	<u>P & P</u>		
<u>5-1/2"</u>	<u>3316'</u>	<u>150 sx</u>	<u>P & P</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

TOOLS USED

Rotary tools were used from 0 feet to 10 3324 feet, and from — feet to — feet
Cable tools were used from — feet to — feet, and from — feet to — feet

DATES

—, 19 — Put to producing Injection Well, 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

Newton, Driller Ballard, Driller
Wilson, Driller —, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0'</u>	<u>1608'</u>		<u>Red Rock</u>
<u>1608'</u>	<u>1713'</u>		<u>Red Rock and Salt</u>
<u>1713'</u>	<u>2378'</u>		<u>Salt and Anhydrite</u>
<u>2378'</u>	<u>2582'</u>		<u>Anhydrite and Gyp</u>
<u>2582'</u>	<u>2707'</u>		<u>Anhydrite, Gyp and Salt</u>
<u>2707'</u>	<u>2800'</u>		<u>Anhydrite and Gyp</u>
<u>2800'</u>	<u>2843'</u>		<u>Lime</u>
<u>2843'</u>	<u>2904'</u>		<u>Anhydrite and Lime</u>
<u>2904'</u>	<u>3056'</u>		<u>Lime</u>
<u>3056'</u>	<u>3321'</u>		<u>Lime and Anhydrite</u>
<u>3321'</u>	<u>3324'</u>		<u>Lime-Total Depth</u>
			<u>Tops: Elec Log</u>
			<u>Anhy-1130'</u>
			<u>Tansill-2805'</u>
			<u>Yates-2956'</u>
			<u>Seven Rivers-3247'</u>

FORMATION RECORD—Continued

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of pehrilling, 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

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