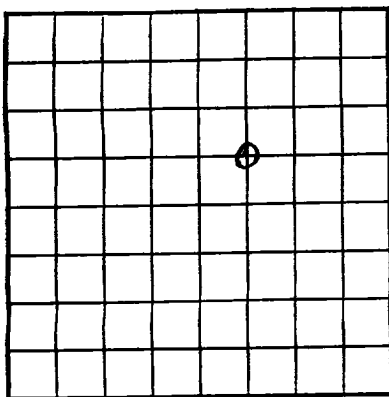


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 060544
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Carper Drilling Company Address Artesia, New Mexico
Lessor or Tract Evarts - Grier #2 Field Square Lake State New Mexico
Well No. 2 Sec. 29 T. 16 R. 31 Meridian NMPM County Eddy
Location 1980 ft. N. of N. Line and 1980 ft. E. of E. Line of Sec. 29 Elevation 3952
(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 _____

Date _____ Title _____

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

Commenced drilling May 17, 1944 Finished drilling July 23, 1944

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3273' to 3276' O. & G No. 4, from _____ to _____
No. 2, from 3314 to 3340 " No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 2640 to 2676 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 1/2"</u>	<u>28#</u>	<u>8</u>	<u>S.H.</u>	<u>648'</u>	<u>Common</u>				
<u>7"</u>	<u>20#</u>	<u>8</u>		<u>2698'</u>	<u>Hall. Guide-Pulled</u>				
<u>5 1/2"</u>	<u>14#</u>	<u>8</u>	<u>3180'</u>	<u>Tex. Pattern</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 1/2"</u>	<u>648'</u>	<u>50</u>	<u>Halliburton</u>		<u>Mudded</u>
<u>7"</u>	<u>2698'</u>		<u>"</u>		<u>"</u>
<u>5 1/2"</u>	<u>3180'</u>	<u>100</u>			<u>Cir. 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

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3376 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing July 27, 1944

The production for the first 24 hours was 125 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

N. C. Pennell, Driller Harry Rhoads, Driller
M. A. Mapes, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>340</u>		<u>Red beds</u>
<u>340</u>	<u>474</u>		<u>Red rock</u>
<u>474</u>	<u>504</u>		<u>Anhyd.</u>
<u>504</u>	<u>508</u>		<u>Red rock</u>
<u>508</u>	<u>607</u>		<u>Anhyd.</u>
<u>607</u>	<u>635</u>		<u>Gyp - red beds</u>
<u>635</u>	<u>637</u>		<u>Red rock</u>
<u>637</u>	<u>670</u>		<u>Salt</u>
<u>670</u>	<u>690</u>		<u>Anhyd. - shale - salt</u>
<u>690</u>	<u>1440</u>		<u>Salt</u>
<u>1440</u>	<u>1455</u>		<u>Anhyd.</u>
<u>1455</u>	<u>1595</u>		<u>Salt & polyh</u>
<u>1595</u>	<u>1796</u>		<u>Anhyd.</u>
<u>1796</u>	<u>1830</u>		<u>Red rock</u>
<u>1830</u>	<u>2090</u>		<u>Anhyd. & shale</u>
<u>2090</u>	<u>2295</u>		<u>Anhyd.</u>
<u>2295</u>	<u>2312</u>		<u>Lime</u>
<u>2312</u>	<u>2405</u>		<u>Anhyd.</u>
<u>2405</u>	<u>2425</u>		<u>Sandy Anhyd.</u>
<u>2425</u>	<u>2640</u>		<u>Anhyd.</u>
<u>2640</u>	<u>2676</u>		<u>Red sand</u>
<u>2676</u>	<u>2695</u>		<u>Anhyd.</u>
<u>2695</u>	<u>2698</u>		<u>Lime & anhyd.</u>
<u>2698</u>	<u>2721</u>		<u>Anhyd.</u>
<u>2721</u>	<u>2727</u>		<u>Lime</u>
<u>2727</u>	<u>2819</u>		<u>Anhyd.</u>

(OVER)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2819	2841	2841	Anhyd. & shale
2865	2884	2884	Lime
2865	2884	2884	Anhyd. & lime
2910	2910	2910	" & shale
2940	2940	2940	Lime
2960	2960	2960	Anhyd. & shale
2981	2981	2981	Lime
3003	3003	3003	Anhyd.
3029	3029	3029	" & sand
3103	3103	3103	Lime
3124	3124	3124	Anhyd. & shale
3158	3158	3158	"
3189	3189	3189	Lime
3196	3196	3196	White sand
3273	3273	3273	Lime
3276	3276	3276	Oil and Gas
3286	3286	3286	Br. lime & sand
3314	3314	3314	Lime
3317	3317	3317	Oil and Gas
3340	3340	3340	Sand
3365	3365	3365	" & lime
3376	3376	3376	Lime

FORMATION RECORD

Driller
Cutter

EMPLOYEES

Gallons raised per 24 hours of gas

Barrels of fluid of which was oil

Put to work on

DATES

feet to

TOOLS USED

TESTING RECORD

LOG OF SANDS OR ZONES

REPORT ON WATER SAMPLES

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, 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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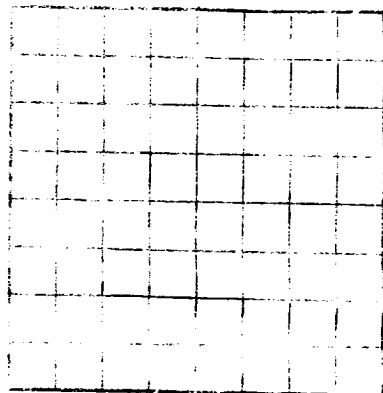
U. S. GOVERNMENT PRINTING OFFICE

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

UNITED STATES



LOCATE WELL CORRECTLY

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LOG OF SANDS OR ZONES

(To be used by G)

Not from
Not from
Not from