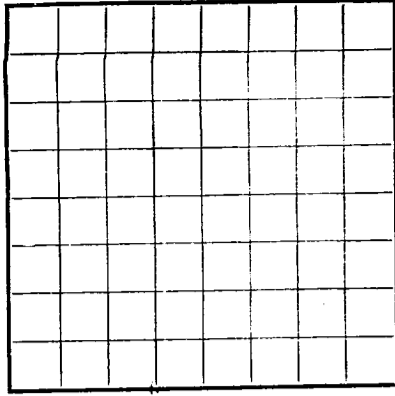
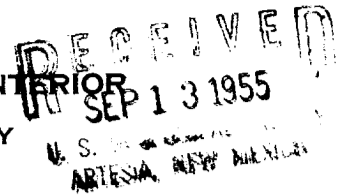


U. S. LAND OFFICE New Mexico
SERIAL NUMBER, LC 063645
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company Carper Drilling Co., Inc. Address Artesia
Lessor or Tract Sivley Field E. K. Queen State New Mexico
Well No. 4 Sec. 24 T. 18S R. 33E Meridian NMPM County Lee
Location 660 ft. N of N Line and 1450 ft. E of E Line of Sec. 24 Elevation 3943 DF
(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 J. D. Berry

Date September 12, 1955 Title Vice-Pres.

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

Commenced drilling Aug. 11, 1955 Finished drilling Aug. 24, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4348 to 4368 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>20#</u>	<u>8</u>	<u>Smls.</u>	<u>293'</u>	<u>Guide</u>				
<u>5 1/2"</u>	<u>14#</u>	<u>8</u>	<u>Smls.</u>	<u>4619'</u>	<u>Guide</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>293'</u>	<u>175</u>	<u>Halliburton</u>		
<u>5 1/2"</u>	<u>4618'</u>	<u>425 4% gel, 125 neat</u>	<u>"</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 4619 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing September 6, 1955
The production for the first 12 hours was 240 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 35.9
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. D. Berry, Sr., Driller R. V. Plato, Driller
J. D. Berry, Jr., Driller Ray Arrowood, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
<u>0</u>	<u>314</u>	<u>314</u>	<u>Surface</u>
<u>314</u>	<u>1700</u>	<u>1386</u>	<u>Red bed</u>
<u>1700</u>	<u>3046</u>	<u>1346</u>	<u>Anhyd. & salt</u>
<u>3046</u>	<u>4345</u>	<u>1299</u>	<u>Anhyd. & gyp</u>
<u>4345</u>	<u>4571</u>	<u>226</u>	<u>Anhyd.</u>
<u>4571</u>	<u>4619</u>	<u>48</u>	<u>Lime</u>

Cored from 4345' - 4383'
" " 4590' - 4619'
Cores not analysed

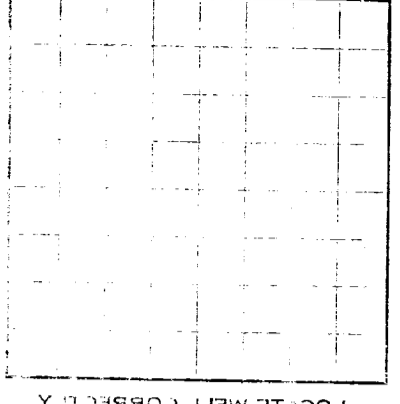
See Supplementary well history for perforating and sand-frac.

Sample analysis by E. E. Kinney attached.

State of New Mexico
County of Santa Fe
Section 10, T12N, R10E

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company: ...
Address: ...
Field: ...
Well No.: ...
Location: ...
The information given in this log is a complete and correct record of the well and all work done thereon as far as can be determined from all the records.

Date: ...
The summary on this page is for the condition of the well at above date.
Commenced drilling ... to ...

Table with 2 columns: Depth (feet) and Description. Rows include No. 1 from 0 to 10, No. 2 from 10 to 20, No. 3 from 20 to 30.

Table with 2 columns: Depth (feet) and Description. Rows include No. 4 from 30 to 40, No. 5 from 40 to 50.

Table with 4 columns: Casing, Size, Weight, and Purpose. Rows include 8 1/2 inch casing, 6 inch casing, 4 inch casing.

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, 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, position, and number of charges, or plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

Table with 4 columns: Date, Quantity, Depth, and Remarks. Rows include entries for mud and cementing records.

Table with 4 columns: Date, Quantity, Depth, and Remarks. Rows include entries for plugs and washers.

Table with 4 columns: Date, Quantity, Depth, and Remarks. Rows include entries for shooting records.

Table with 4 columns: Date, Quantity, Depth, and Remarks. Rows include entries for tools used.

Table with 4 columns: Date, Quantity, Depth, and Remarks. Rows include entries for dates.

Table with 4 columns: Date, Quantity, Depth, and Remarks. Rows include entries for RPM values.

Table with 4 columns: Date, Quantity, Depth, and Remarks. Rows include entries for rotation records.

Table with 4 columns: Date, Quantity, Depth, and Remarks. Rows include entries for analyses.

Table with 4 columns: Date, Quantity, Depth, and Remarks. Rows include entries for formation records.

Table with 4 columns: Date, Quantity, Depth, and Remarks. Rows include entries for total feet.

Table with 4 columns: Date, Quantity, Depth, and Remarks. Rows include entries for formation.