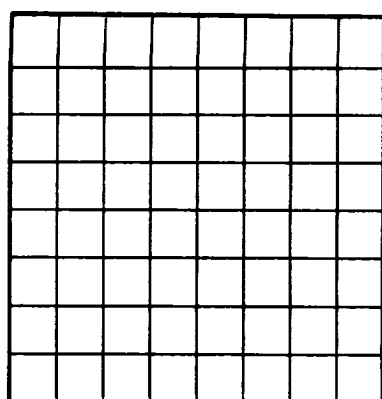


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 62712
LEASE OR PERMIT TO PROSPECT 1939



UNITED STATES GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
RECEIVED
JAN 15 1939
Laswell, New Mexico

ILLEGIBLE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Comanche Drilling Co. Address Las Cruces
Lessor or Tract Senior Field Comanche State New Mexico
Well No. 1 Sec. 15 T. 11 R. 26 Meridian N. County Chaves
Location 330 ft. (N.) of Line and 2310 ft. (E.) of Line of Section 15 Elevation 3427
(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 12, 1939 Signed R. I. Allison
Title Driller

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

Commenced drilling March 27, 1939 Finished drilling May 23, 1939

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

No. 1, from 990 to 995 No. 4, from 1250 to 1266
No. 2, from 1220 to 1223 No. 5, from 1270 to 1282
No. 3, from 1239 to 1245 No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 85 to 95 No. 3, from 386 to 495
No. 2, from 142 to 149 No. 4, from 520 to 522

CASING RECORD

Size casing	Weight per foot	Through hole	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
							From—	To—

MUDDING AND CEMENTING RECORD

Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 1/4" 1205</u>	<u>Ten</u>	<u>Set casing</u>	<u>12 lbs.</u>	<u>100 lbs.</u>
		<u>down in</u>	<u>16 gallon</u>	
		<u>cement.</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
<u>5"</u>	<u>5"</u>	<u>140 units</u>	<u>Nitro-</u>	<u>6/8/39</u>	<u>1255 to</u>	<u>1271</u>
			<u>glycolin</u>		<u>1271</u>	

TOOLS USED

Rope tools were 1200 from 52 feet to feet, and from feet to feet
Cable tools were used from 0 feet to 1243 feet, and from feet to feet

DATES

Put to producing , 19
The production for the first 24 hours was 20 barrels of fluid of which 10 % was oil; 1 %
emulsion; 10 % water and 1 % sediment. Gravity, °Bé. 24

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Earl Earnest Driller R. I. Allison Driller
 Driller Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
<u>350</u>	<u>355</u>	<u>5</u>	<u>Gyp</u>
<u>355</u>	<u>360</u>	<u>5</u>	<u>Gyp and red clay</u>
<u>360</u>	<u>365</u>	<u>5</u>	<u>Sand (water)</u>
<u>365</u>	<u>370</u>	<u>5</u>	<u>Red sand (water)</u>
<u>370</u>	<u>375</u>	<u>5</u>	<u>Gyp and red clay</u>
<u>375</u>	<u>380</u>	<u>5</u>	<u>Blue shale (water)</u>
<u>380</u>	<u>385</u>	<u>5</u>	<u>Blue shale</u>
<u>385</u>	<u>390</u>	<u>5</u>	<u>Gravel (water)</u>
<u>390</u>	<u>395</u>	<u>5</u>	<u>Blue shale</u>
<u>395</u>	<u>400</u>	<u>5</u>	<u>Blue sand</u>
<u>400</u>	<u>405</u>	<u>5</u>	<u>Blue shale</u>
<u>405</u>	<u>410</u>	<u>5</u>	<u>Blue sand (water)</u>
<u>410</u>	<u>415</u>	<u>5</u>	<u>Blue shale</u>
<u>415</u>	<u>420</u>	<u>5</u>	<u>Blue sand</u>
<u>420</u>	<u>425</u>	<u>5</u>	<u>Blue shale</u>
<u>425</u>	<u>430</u>	<u>5</u>	<u>Brown sand (water)</u>
<u>430</u>	<u>435</u>	<u>5</u>	<u>Blue shale</u>
<u>435</u>	<u>440</u>	<u>5</u>	<u>Blue shale</u>
<u>440</u>	<u>445</u>	<u>5</u>	<u>Gyp shell</u>
<u>445</u>	<u>450</u>	<u>5</u>	<u>Gray sand</u>
<u>450</u>	<u>455</u>	<u>5</u>	<u>Blue sand</u>
<u>455</u>	<u>460</u>	<u>5</u>	<u>Gray sand</u>
<u>460</u>	<u>465</u>	<u>5</u>	<u>Gray sand (water)</u>

(OVER)

FORMATION RECORD—Continued

A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares.

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

U.S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

The information given herewith is a complete and correct record of the well and all work done thereon

Location of _____ ft. { N. of _____ Line and _____ ft. { W. of _____ Line of _____

Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____ County _____

Lessor or Tract _____ Field _____ State _____

Company _____ Address _____

[illegible][illegible][illegible][illegible]

HISTORY OF OIL OR GAS WELL

[illegible]

FORMATION RECORD—Continued

QUESTION