

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROCEED

ARTESIAN OFFICE UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company J. Cled Thompson Address 1203 Kirby Bldg. Dallas 1, Texas
Lessor or Tract LS & RTZ Field Square Lake State New Mexico
Well No. 1 Sec. 26 T. 16S R. 30E Meridian NM County Eddy
Location 1990 ft. N of Line and 2130 ft. E of Line of Sec. 26 Elevation 3792
(Derriek 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 Jimmie Thompson
Date November 27, 1962 Title Chief Engineer

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

Commenced drilling July 3, 1962 Finished drilling September 15, 1962

OIL OR GAS SANDS OR ZONES

(Derrick gas by G)

No. 1, from 2982 to 2990 No. 4, from 3453 to 3592
No. 2, from 3019 to 3029 No. 5, from to
No. 3, from 3130 to 3144 No. 6, from to

IMPORTANT WATER SANDS

No. 1, from Unknown 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>13 3/8</u>	<u>47</u>	<u>8</u>	<u>3-55</u>	<u>493</u>	<u>Line</u>	<u> </u>	<u>3453</u>	<u>3590</u>	<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13 3/8</u>	<u>511'</u>	<u>500</u>	<u>Pump & plug</u>	<u>9.8</u>	<u>Hole loaded</u>
<u>8 5/8</u>	<u>3407'</u>	<u>350</u>	<u>"</u>	<u>10.4</u>	<u>"</u>
<u>5 1/2</u>	<u>453' Liner</u>	<u>95</u>	<u>"</u>	<u>Clear water</u>	<u>"</u>

PLUGS AND ADAPTERS

Heaving plug—Material Length 2.85' Depth set 3650
Adapters—Material Size 5 1/2"

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 511' feet to 7745 feet, and from feet to feet
Cable tools were used from 0' feet to 511 feet, and from feet to feet

DATES

 , 19 Put to producing , 19

The production for the first 24 hours was 128.35 barrels of fluid of which 17 % was oil; 0 % emulsion; 53 % water; and 1 % sediment. Gravity, °Bé.

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas 32.1

Rock pressure, lbs. per sq. in. Unknown

EMPLOYEES

Forster Drilling Co., Driller , Driller
 , Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>50</u>	<u>50</u>	<u>Surface Sand</u>
<u>50</u>	<u>70</u>	<u>20</u>	<u>Red Clay</u>
<u>70</u>	<u>325</u>	<u>255</u>	<u>Red Bed</u>
<u>325</u>	<u>515</u>	<u>190</u>	<u>Any. at the end of complete drill</u>
<u>515</u>	<u>1605</u>	<u>1090</u>	<u>Red Beds</u>
<u>1605</u>	<u>2700</u>	<u>1095</u>	<u>Any. & Cyp</u>
<u>2700</u>	<u>2832</u>	<u>132</u>	<u>Any. & Lime</u>
<u>2832</u>	<u>3048</u>	<u>166</u>	<u>Lime & Dolomite</u>
<u>3048</u>	<u>3148</u>	<u>100</u>	<u>Sandy Lime</u>
<u>3148</u>	<u>3270</u>	<u>122</u>	<u>Sandy Dolomite</u>
<u>3270</u>	<u>3780</u>	<u>510</u>	<u>Lime</u>
<u>3780</u>	<u>3835</u>	<u>105</u>	<u>Lime & Dolomite</u>
<u>3835</u>	<u>4198</u>	<u>313</u>	<u>Lime & Sand</u>
<u>4198</u>	<u>4587</u>	<u>389</u>	<u>Lime</u>
<u>4587</u>	<u>4962</u>	<u>375</u>	<u>Lime & Dolomite</u>
<u>4962</u>	<u>5181</u>	<u>219</u>	<u>Lime</u>
<u>5181</u>	<u>5590</u>	<u>409</u>	<u>Dolomite</u>
<u>5590</u>	<u>6450</u>	<u>860</u>	<u>Lime & Dolomite</u>
<u>6450</u>	<u>6705</u>	<u>255</u>	<u>Lime & Shale</u>
<u>6705</u>	<u>7632</u>	<u>927</u>	<u>Dolomite</u>
<u>7632</u>	<u>7712</u>	<u>80</u>	<u>Dolomite & Shale</u>
<u>7712</u>	<u>8176</u>	<u>464</u>	<u>Lime & Dolomite</u>
<u>8176</u>	<u>8707</u>	<u>531</u>	<u>Lime & Shale</u>
<u>8707</u>	<u>8882</u>	<u>175</u>	<u>Lime</u>
<u>8882</u>	<u>9373</u>	<u>491</u>	<u>Lime & Shale</u>
<u>9373</u>	<u>9745</u>	<u>372</u>	<u>Lime & Shale</u>

(OVER)

FORMATION RECORD—Continued

18-48094-4

