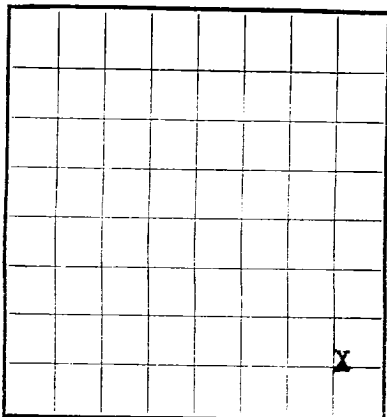




LOCATE WELL CORRECTLY

AUG 3 1959

ARTESIA, NEW MEXICO

U. S. LAND OFFICE

Las Cruces

SERIAL NUMBER

029405 3 (6)

LEASE OR PERMIT TO PROSPECT

Lease

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Rowley Bldg, Artesia, New Mexico
Lessor or Tract W. Mitchell 3 Field Maljamar State New Mexico
Well No. 34 Sec. 18 T. 17S R. 32E Meridian N.M.P.M. County Lea
Location 660 ft. N of S Line and 660 ft. E of E Line of Sec. 18 Elevation 3998
(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. H. HesseDate 7-30-59 Title Asst. Dist. Supt.

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

Commenced drilling 5-28, 19 59 Finished drilling 6-12, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3714 to 3934 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 1/2</u>	<u>8RD</u>	<u>J-55</u>	<u>224</u>	<u>Guide</u>	<u>Shoe</u>			
<u>5 1/2</u>	<u>14 1/2</u>	<u>8RD</u>	<u>H-40</u>	<u>4223</u>	<u>Guide</u>	<u>Shoe & Float Collar</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>234'</u>	<u>100</u>	<u>Pump & Plug</u>		
<u>5 1/2</u>	<u>4199'</u>	<u>350</u>	<u>Pump & Plug</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 4200 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing July 23, 19 59

The production for the first 24 hours was 21 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 37

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. B. Gray, Driller J. D. Price, Driller
J. W. Ellis, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>224</u>	<u>224</u>	<u>Redbeds</u>
<u>224</u>	<u>885</u>	<u>661</u>	<u>Sand & Shale</u>
<u>885</u>	<u>1882</u>	<u>997</u>	<u>Salt</u>
<u>1882</u>	<u>2078</u>	<u>196</u>	<u>Anhydrite</u>
<u>2078</u>	<u>2092</u>	<u>14</u>	<u>Yates Sand</u>
<u>2092</u>	<u>2362</u>	<u>270</u>	<u>Anhydrite</u>
<u>2362</u>	<u>2398</u>	<u>36</u>	<u>Seven Rivers Sand</u>
<u>2398</u>	<u>3005</u>	<u>607</u>	<u>Anhydrite</u>
<u>3005</u>	<u>3042</u>	<u>37</u>	<u>Queen Sand</u>
<u>3042</u>	<u>3393</u>	<u>351</u>	<u>Anhydrite & Lime</u>
<u>3393</u>	<u>3717</u>	<u>394</u>	<u>Grayburg Dolomite & Sand</u>
<u>3717</u>	<u>4200</u>	<u>413</u>	<u>San Andres Dolomite</u>

Tops by EL - Salt 885, B. Salt 1882, Yates 2078, 7 Rivers 2362, uem 3005, Grayburg 3393, Grayburg Pkg 3710, San Andres 3717.

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 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 damaged, 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.

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