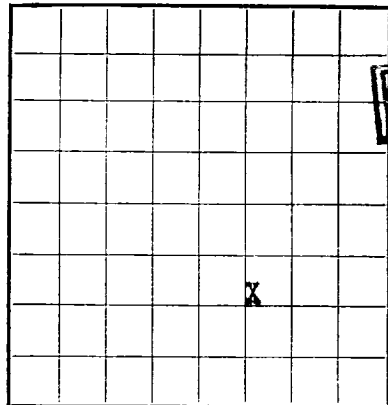


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029405 (2) (6)
LEASE OR PERMIT TO PROSPECT Lea



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AUG 3 1959
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Continental Oil Company Address Howley Bldg, Artesia, N. M.
Lessor or Tract Wm. Mitchell B Field Maljamar State New Mexico
Well No. 37 Sec. 18 T. 17S R. 32E Meridian N.M.P.M County Lea
Location 1980 ft. N. of S Line and 1980 ft. E. of E Line of Sec 18 Elevation 3980
(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 C. H. Hesser

Date 7-30-59 Title Asst. Dist. Supt.

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

Commenced drilling June 15, 1959 Finished drilling June 30, 1959

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

No. 1, from 3710 to 3943 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#</u>	<u>8RD</u>	<u>J-55</u>		<u>Guide Shoe</u>				
<u>5 1/2"</u>	<u>14#</u>	<u>8RD</u>	<u>J-55</u>		<u>Guide 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>237</u>	<u>100</u>	<u>Pump & Plug</u>		
<u>5 1/2"</u>	<u>4199</u>	<u>775</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 0 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 10, 1959
The production for the first 24 hours was 45 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

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>237</u>	<u>237</u>	<u>Redbeds</u>
<u>237</u>	<u>885</u>	<u>648</u>	<u>Sand & Redshale</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>2095</u>	<u>17</u>	<u>Yates Sand</u>
<u>2095</u>	<u>2362</u>	<u>267</u>	<u>Anhydrite</u>
<u>2362</u>	<u>2396</u>	<u>34</u>	<u>Seven Rivers Sand</u>
<u>2396</u>	<u>3005</u>	<u>609</u>	<u>Anhydrite & Lime</u>
<u>3005</u>	<u>3046</u>	<u>41</u>	<u>Queen Sand</u>
<u>3046</u>	<u>3393</u>	<u>347</u>	<u>Anhydrite</u>
<u>3393</u>	<u>3796</u>	<u>403</u>	<u>Grayburg, Dolomite & Sandy Dolomite</u>
Tops By EL - Salt 885, B. Salt 1882, Yates 2078, 7 Rivers 2362, Queen 3005, Grayburg 3393, Grayburg Pay 3710, San Andres 3796.			
<u>3796</u>	<u>4200</u>	<u>404</u>	<u>San Andres Dolomite</u>

FORMATION RECORD—Continued

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, 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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