

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC 068282 (A)
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Continental Oil Company Address Box 68, Eunice, New Mexico
Lessor or Tract E. T. Russell Federal Field North Mason State New Mexico
Well No. 4 Sec. 35 T. 26S R. 31E Meridian NMPM County Eddy
Location 433 ft. S. of N Line and 1980 ft. E. of W Line of Section 35 Elevation 3125 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 W. E. AllenDate August 22, 1955Title District Superintendent

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

Commenced drilling July 27, 1955, 1955 Finished drilling August 10, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4028 to 4077 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>8R</u>	<u>J-55</u>	<u>922</u>	<u>Guide Shoe (Weatherford)</u>				
<u>5-1/2</u>	<u>16</u>	<u>8R</u>	<u>H-40</u>	<u>4113</u>	<u>Formation packer shoe (Halliburton)</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>925</u>	<u>340</u>	<u>Pump & Plug</u>		
<u>5-1/2</u>	<u>4071</u>	<u>220</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 4077 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 22, 1955 Put to producing August 18, 1955

The production for the first 24 hours was 80 barrels of fluid of which 100 % was oil; — %
emulsion; — % water; and — % sediment. Gravity, °Bé. 39

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

A. A. Smith _____, Driller B. E. Thomas _____, Driller
M. B. Holland _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1280</u>	<u>1280</u>	<u>Redbeds</u>
<u>1280</u>	<u>4030</u>	<u>2750</u>	<u>Anhydrite and Salt</u>
<u>4030</u>	<u>4077</u>	<u>47</u>	<u>Lime and Sand</u>

TD 4077 Sand. Elevation 3125 DF. DF 11. Pay Delaware Sand 4071-77.
Open hole. Casing point 5-1/2" at 4071'. Open hole sandfraced with 3,000# sand
and 3,000 gallons residual oil. IP flowed 60 bbls oil, no water, in 18 hours
thru 24/64" Choke. TP 80#, no CP, gravity 39; Daily oil rate 80 bbls with 157 MCF
gas, GOR 1962. Estimated allowable 48. PL Conn. Cactus Petroleum Company is
trucking oil. Drilling started 7-27-55, completed 8-10-55, rig released 8-14-55,
tested 8-17-55.

The following tops were reported:

Delaware Lime 3992'.
Delaware Sand 4028'.

Core No. 1. 4060-77. Recovered 16'.

FOLD MARK

HISTORY OF OIL OR GAS WELL

16-43064-2 U. S. GOVERNMENT PRINTING OFFICE

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 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.