

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 045254
LEASE OR PERMIT TO PROSPECT Lease

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RECEIVED UNITED STATES
NOV 16 1960 DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

RECEIVED
NOV 19 1960

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Continental Oil Company Address Rowley Bldg., Artesia, N.M.
Lessor or Tract E. S. Hitchcock 27 Field Dog Canyon-Grays State New Mexico
Well No. 2 Sec. 27 T. 16S R. 27E Meridian NMPM County Eddy
Location 660 ft. ^[N.] of N Line and 660 ft. ^[E.] of W Line of Sec. 27 Elevation 3505
(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 _____ Title District Superintendent
Date 11-11-60

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

Commenced drilling 10-21-60, 19____ Finished drilling 10-26, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1399 to 1406 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>36#</u>	<u>8rd</u>	<u>J-55</u>	<u>158</u>	<u>Guide Shoe</u>				
<u>5 1/2</u>	<u>14#</u>	<u>8rd</u>	<u>J-55</u>	<u>1471</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>170</u>	<u>100</u>	<u>Pump & Plug</u>		
<u>5 1/2</u>	<u>1470</u>	<u>400</u>	<u>Pump & Plug</u>		

PLUGS AND ADAPTERS

USGS-4 FILE
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 1470 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES No market outlet. Well shut-in pending
_____ 19____ Put to producing 10-31, 1960
pipe line connection.

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

If gas well, cu. ft. per 24 hours 57.0 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
<u>0</u>	<u>1150</u>	<u>1150</u>	<u>gypsum, red beds, shale & sand</u>
<u>1150</u>	<u>1260</u>	<u>110</u>	<u>Dolomite, red shale, anhy.</u>
<u>1260</u>	<u>1390</u>	<u>130</u>	<u>Anhy, sand, red shale</u>
<u>1390</u>	<u>1408</u>	<u>18</u>	<u>Sand & red shale</u>
<u>1408</u>	<u>1470</u>	<u>62</u>	<u>Dolomite</u>

TOPS: WELLS 683, P. NOSE 836, GRAYBURG 1070, PREMIER SAND 1393, SAN ANDRES 1408,
BY GR-Acoustic LOG.

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.

Perforated 1705 - 071. treated ports with 350 Gallons acid.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION