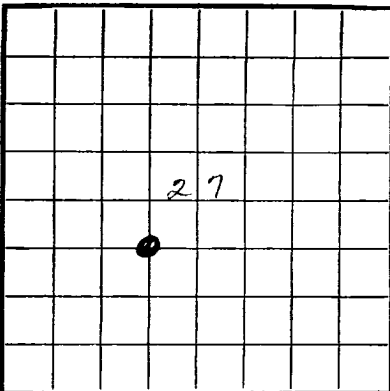




LOCATE WELL CORRECTLY

RECEIVED

JUL 23 1963

UNITED STATES

DEPARTMENT OF THE INTERIOR
ARTESIA, OFFICE
GEOLOGICAL SURVEYU. S. LAND OFFICE S.F.
SERIAL NUMBER LC 063578
LEASE OR PERMIT TO PROSPECT _____RECEIVED
JUN 20 1963
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Pacific Natural Gas Exploration Co Address 1400 Fidelity Union Tower Dallas 1, Texas

Lessor or Tract Federal Field East Red Lake State New Mexico

Well No. 1-27 Sec. 27 T. 16S R. 28E Meridian NM County Eddy

Location 1980 ft. XX of S Line and 1980 ft. XX of W Line of Sec. 27 Elevation 3616
(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. J. Fowler J. J. Fowler
Date June 17, 1963 Title Authorized Agent

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

Commenced drilling April 18, 1963 Finished drilling June 11, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to _____ 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 1200 to 1250 No. 3, from 10,490 to 10,516

No. 2, from 5700 to 5800 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</u>	<u>3650</u>	<u>8</u>	<u>UNK</u>	<u>323</u>	<u>Tex Pat</u>	<u>No</u>			<u>Surface</u>
<u>8 5/8</u>	<u>32 & 28</u>	<u>8</u>	<u>CP&I</u>	<u>3592</u>	<u>Howe</u>	<u>No</u>			<u>Intermediate</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13</u>	<u>323</u>	<u>250</u>	<u>Pump-plug</u>	<u>8.3</u>	<u>244 bbls</u>
<u>8 5/8</u>	<u>3592</u>	<u>300</u>	<u>Pump-plug</u>	<u>8.3</u>	<u>200 bbls</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 10516 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

June 11, 1963. Put to producing P & A, 19____

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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

Pusher EMPLOYEES

H. G. Phillips, Driller Keith Carter, Driller

H. W. Leach, Jr., Driller Hollis Hammond, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>500</u>	<u>1075</u>	<u>575</u>	<u>Anhydrite</u>
<u>1075</u>	<u>1100</u>	<u>25</u>	<u>Anhy & sand</u>
<u>1100</u>	<u>1525</u>	<u>425</u>	<u>Anhy & shale</u>
<u>1525</u>	<u>1625</u>	<u>100</u>	<u>Dole & Anhy</u>
<u>1625</u>	<u>1910</u>	<u>285</u>	<u>Dole & Shale</u>
<u>1910</u>	<u>4715</u>	<u>2805</u>	<u>Dole</u>
<u>4715</u>	<u>4785</u>	<u>70</u>	<u>Sand</u>
<u>4785</u>	<u>5420</u>	<u>635</u>	<u>Dole</u>
<u>5420</u>	<u>6625</u>	<u>1205</u>	<u>Dole & shale</u>
<u>6625</u>	<u>9210</u>	<u>2585</u>	<u>Limestone & shale</u>
<u>9210</u>	<u>9520</u>	<u>310</u>	<u>Lime & sand</u>
<u>9520</u>	<u>9575</u>	<u>55</u>	<u>Shale & lime</u>
<u>9575</u>	<u>9590</u>	<u>15</u>	<u>Sand & shale</u>
<u>9590</u>	<u>9650</u>	<u>60</u>	<u>Limestone</u>
<u>9650</u>	<u>9820</u>	<u>170</u>	<u>Shale</u>
<u>9820</u>	<u>9885</u>	<u>65</u>	<u>Lime & shale</u>
<u>9885</u>	<u>9940</u>	<u>55</u>	<u>Shale</u>
<u>9940</u>	<u>9970</u>	<u>30</u>	<u>Lime & shale</u>
<u>9970</u>	<u>10028</u>	<u>58</u>	<u>Lime & shale</u>
<u>10028</u>	<u>10050</u>	<u>22</u>	<u>Lime</u>
<u>10050</u>	<u>10214</u>	<u>164</u>	<u>Lime & chert</u>
<u>10214</u>	<u>10290</u>	<u>76</u>	<u>Limestone</u>
<u>10290</u>	<u>10325</u>	<u>35</u>	<u>Lime, shale & chert.</u>
<u>10325</u>	<u>10390</u>	<u>65</u>	<u>Limestone</u>
<u>10390</u>	<u>10460</u>	<u>70</u>	<u>Lime & shale</u>

