



LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC 065478 (b)
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corp. Address Box 68 - Hobbs, New Mexico
Lessor or Tract USA Malco Refineria "H" Field Empire Abo State New Mexico
Well No. 5 Sec. 3 T. 18S R. 27E Meridian NMPM County Eddy
Location 1650 ft. N. of S. Line and 2310 ft. E. of W. Line of Section 3 Elevation 3355 RDB
(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. W. BROWN

Date June 23, 1959Title Area Superintendent

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

Commenced drilling May 23, 1959 Finished drilling June 11, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5660 to 5700 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>8</u>	<u>J-55</u>	<u>1464</u>	<u>float</u>				<u>Surface</u>
<u>4-1/2</u>	<u>9.5</u>	<u>8</u>	<u>J-55</u>	<u>5778</u>	<u>Float</u>		<u>5660</u>	<u>5700</u>	<u>Oil String</u>
							<u>with 2 shots per foot</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>1465</u>	<u>700</u>	<u>HOWCO</u>		
<u>4-1/2</u>	<u>5760</u>	<u>950</u>	<u>HOWCO</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 Surface feet to 5760 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Completed June 15, 1959 Put to producing June 14, 1959

The production for the first 24 hours was 66 barrels of fluid of which 100% was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, °Bé. 42°

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

B. J. Wright, Driller R. E. Miller, Driller
J. W. Martin, Driller G. L. Jamison, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>122</u>	<u>122</u>	<u>Caliche</u>
<u>122</u>	<u>596</u>	<u>474</u>	<u>Red Bed, Anhy.</u>
<u>596</u>	<u>905</u>	<u>309</u>	<u>Anhy and Lime</u>
<u>905</u>	<u>1308</u>	<u>403</u>	<u>Anhy., Gyp</u>
<u>1308</u>	<u>1465</u>	<u>157</u>	<u>Anhy., Lime</u>
<u>1465</u>	<u>3210</u>	<u>1745</u>	<u>Lime</u>
<u>3210</u>	<u>3318</u>	<u>108</u>	<u>Lime, Shale</u>
<u>3318</u>	<u>3564</u>	<u>246</u>	<u>Lime</u>
<u>3564</u>	<u>3593</u>	<u>29</u>	<u>Lime, Shale</u>
<u>3593</u>	<u>5760</u>	<u>2167</u>	<u>Lime</u>

Tops
San Andres - 1510
Glorieta - 3050
Abo Reef - 5255

FORMATION RECORD—Continued

[illegible]

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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 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.

Well was drilled to 5760' and perforated 5660-5700 with 2 shots per foot and acidized with 1,000 gallons acid. On test well flowed 66 BO, no water, 7.95 MCF gas, in 24 hours on 9/64" choke, TPF 810 - GOR 121