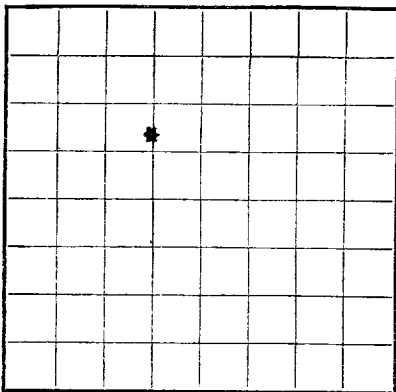


N. M. O. 2. 2. COPY

U. S. LAND OFFICE
SERIAL NUMBER LC 029392 (b)
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address Box 68 - Hobbs, New Mexico
Lessor or Tract Greenwood Unit Field Undesignated State New Mexico
Well No. 5 Sec. 27 T. 18-S R. 31-E Meridian NMPM County Eddy
Location 1830 ft. N of 1/4 Line and 1980 ft. E of 1/4 Line of Sec. 27 Elevation 3638 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 _____

Date _____ Title Area Superintendent

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

Commenced drilling May 15, 19 59 Finished drilling June 3, 19 59OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 4960 to 4972 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>3-5/8</u>	<u>26</u>	<u>8</u>	<u>J-55</u>	<u>1000</u>	<u>Float</u>	<u>1980</u>	<u>4960</u>	<u>4972</u>	<u>Surface</u>
<u>4-1/2</u>	<u>45</u>	<u>8</u>	<u>J-55</u>	<u>9213</u>	<u>Float</u>	<u>1980</u>	<u>4972</u>	<u>4972</u>	<u>1/2 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>3-5/8</u>	<u>1020</u>	<u>420</u>	<u>Pump - Plug</u>		
<u>4-1/2</u>	<u>5188</u>	<u>170</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 surface feet to 5188 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19 _____ Put to producing _____, 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. _____

EMPLOYEES

David Lloyd, Driller H. M. Buettmeyer, Driller
V. L. Coats, Driller M. L. Coker, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2028	2028	Redbed & Anhy.
2028	2045	17	Redbed, Shale, & Anhy.
2045	2470	425	Shale & Anhy.
2470	2392	422	Shale & Lime
2392	4346	1454	Lime
4346	4406	60	Lime & Sand
4406	4576	170	Lime
4576	4748	172	Lime & Sand
4748	5188	440	Lime
			TOPS
			T. Yates 2174
			Gusen 3288
			T. San Andres 3912
			T. Delaware Sand 4958

Delaware formation non productive. Well SI. Final disposition awaiting outcome of negotiations to sell operators of shallow rights.

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 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 plings or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

Perforations 4960-4972 acidized with 500 gal. 15% regular acid and Sand Flooded with 3000 gal oil + 6000# sand.

HISTORY OF OIL OR GAS WELL

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