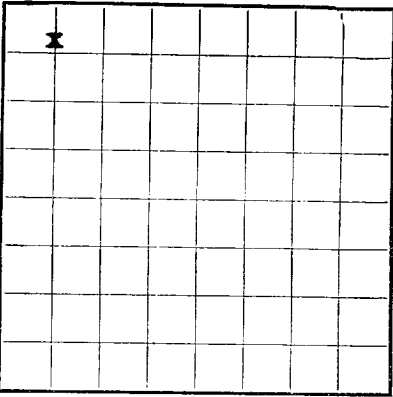


U. S. LAND OFFICE ----- **Las Cruces**
SERIAL NUMBER ----- **LG-29392 (b)**
LEASE OR PERMIT TO PROSPECT -----



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. **4** Sec. **27** T. **18S** R. **31E** Meridian **NMPM** County **Eddy**
Location **660** ft. **N.** of **N.** Line and **660** ft. **E.** of **W.** Line of **Section 27** Elevation **3655** 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.

Date **2/16/59** Signed _____ Title **Field Superintendent**

The summary on this page is for the condition of the well at above date.
Commenced drilling **December 31**, 19**58** Finished drilling **January 22**, 19**59**

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **4992** to **5010** 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—	
3-5/8	24	8	J-55	999	Float				Surface
4-1/2	9.5	8	J-55	5276	Float		4992	5010	String w/2 shots per ft.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3-5/8	1002	700	HOWCO		
4-1/2	5250	194	Howco		

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 **5250** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Completed **February 1**, 19**59** Put to producing **January 30**, 19**59**
The production for the first 24 hours was **63** 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

George K. Reid _____, Driller **Frank Rylant** _____, Driller
T. W. Reed _____, Driller **A. M. Pierce** _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	724	724	Red Bed and Shale
724	986	262	Red Rock
986	1290	304	Anhy., Red Rock
1290	2522	1232	Salt
2522	3898	1376	Anhy
3898	5250	1352	Lime
			<u>Tops</u>
			T. Delaware 4155
			T. San Andres 3940
			T. Yates 2180

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 balling. The well was drilled to a TD of 5250' and perforated 4992-5010' w/2 shots per foot, then spotted 500 gallons acid over perforations and sand oil tracked with 5,000 gallons oil containing 3/4 pound to 2# of sand per gallon. On test well flowed 63 BO, no water, gas too small to measure in 24 hours, on 11/64" choke, TPF 300, CPF 360

HISTORY OF OIL OR GAS WELL

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

[illegible]