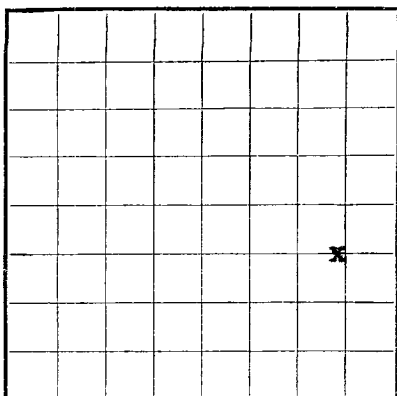




LOCATE WELL CORRECTLY

COPY TO O. C. G.

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **LC 065478 (B)**
LEASE OR PERMIT TO PROSPECTRECEIVED
FEB 17 1959
BUREAU OF LAND MANAGEMENT
ALBUQUERQUE, NEW MEXICO

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 **Malco Refineries "H"** Field **Empire Abo** State **New Mexico**
Well No. **1** Sec. **3** **T18S** **R27E** Meridian **NMPM** County **Eddy**
Location **1980** ft. **N.** of **6** Line and **660** ft. **W.** of **E** Line of **Section 3** Elevation **3555** 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 **February 16, 1959** Title **Field Superintendent**

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

Commenced drilling **December 30**, 19**58** Finished drilling **January 28**, 19**59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5314** to **5332** 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—	
8-5/8	24	8	J-55	1000	Float				Surface
5-1/2	14	8	J-55	6113	Float		5314	5332	Oil 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
8-5/8	1000	700	HOWCO		
5-1/2	6103	135	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 **6105** 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 **February 1**, 19**59**

The production for the first 24 hours was **69** 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

B. J. Wright, Driller **R. E. Miller**, Driller
J. W. Martin, Driller **W. P. Tadlock**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	512	512	Red Bed and Anhy.
512	559	47	Anhy
559	821	262	Anhy., Gyp
821	913	92	Anhy., Shale
913	1033	120	Anhy., Gyp
1033	1339	306	Anhy.
1339	1572	233	Anhy., Gyp
1572	2622	1050	Lime
2622	2977	355	Lime and Sand
2977	3565	588	Lime
3565	3675	110	Lime, Shale and Sand
3675	3688	13	Lime
3688	4060	372	Lime and Sand
4060	4134	74	Dolomite
4134	4232	98	Lime and Dolomite
4232	4334	102	Dolomite
4334	4710	376	Lime and Dolomite
4710	4779	69	Dolomite
4779	4857	78	Lime
4857	5524	667	Lime and Dolomite
5524	6105	581	Lime

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

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-45094-2

The well was drilled to a TD of 6105' and perforated 5314-5332' w/2 shots per foot and acidized with 1,000 gallons 15% regular acid. On test well flowed 69 BO, no water, 62.8 MCF gas in 24 hours, on 9/67" choke.

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