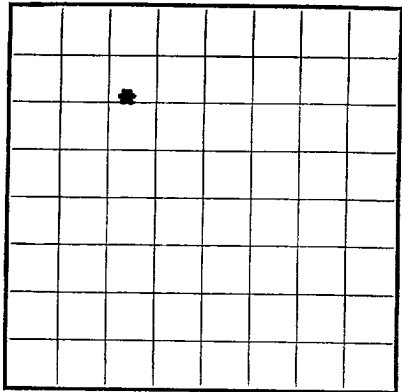


U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JUL 28 1959



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company **Pan American Petroleum Corporation** Address **Box 68 - Hobbs, New Mexico**
Lessor or Tract **Malco Refineries "G"** Field **Empire Abo** State **New Mexico**
Well No. **7** Sec. **10** T. **18S** R. **27E** Meridian **NBPM** County **Hddy**
Location **1650** ft. **N** of **N** Line and **1650** ft. **W** of **N** Line of **Sec. 10** Elevation **3500**
(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 **July 9, 1959** Signed **J. W. BROWN** Title **Area Superintendent**

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

Commenced drilling **June 17**, 19**59** Finished drilling **June 26**, 19**59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5830** to **5870** 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	U-55	1482	Float				Surface
4-1/2	9.5	8	U-55	4000	Float				5870

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	1490	700	NONCO		
4-1/2	6051	850	NONCO		

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 **6051** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Completed **7-3-59**, 19____ Put to producing **7-2-59**, 19____

The production for the first 24 hours was **67** 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. _____

NO 18 1942

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 TD of 6051 and perforated 5965-6005 with 2 shots per foot and acidized with 4000 gallons 15% acid. On test well produced only 7 BO. Set bridge plug at 5950 and perforated 5890-70 with 2 shots per foot, and acidized with 1000 gallons 15% acid. On test well flowed 67 BO no water 5.17 MCF gas on 10/64" choke on 24 hrs., COR 77 TPD 495

HISTORY OF OIL OR GAS WELL