

U. S. LAND OFFICE _____
SERIAL NUMBER **NM 025604** _____
LEASE OR PERMIT TO PROSPECT _____

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Pan American Petroleum Corporation** Address **Box 68 - Hobbs, New Mexico**
Lessor or Tract **USA Malco Refineries "G"** Field **Empire Abo** State **New Mexico**
Well No. **8** Sec. **9** T. **18S** R. **27E** Meridian **NMPM** County **Eddy**
Location **1980** ft. [N. of S. Line and **1980** ft. [E. of E. Line of **Section 9** Elevation **3551** DF
(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 August 19, 1959 Title Area Foreman

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

Commenced drilling **7-19-59**....., 19..... Finished drilling **8-9**....., 19 **59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5180 to 5765 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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

Size casting	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
8-5/8	24#	8RT	J-55	1482	Guide		5710	5750	
4-1/2	9-5/8	8RT	J-35	5813	Guide				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	1184	700	HOWCO		
4-1/2	5800	700	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 5800 TD feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

August 17, 1959 Put to producing August 13, 1959

The production for the first 24²² 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

D. H. Hobson, Driller R. E. Palmer, Driller

----- E. A. Hall -----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	123	123	Lime and Gyp
123	392	269	Anhy., and Red Bed
392	416	24	Anhy.
416	1304	888	Anhy and Gyp.
1304	1482	178	Anhy. and Lime
1482	1624	142	Lime
1624	1777	153	Lime and Sand
1777	3624	1847	Lime
3624	3663	39	Lime and Dolo. and Sand
3663	4179	516	Lime and Dolo
4179	4503	324	Dolo
4503	4588	85	Dolo and Sand
4588	5160	572	Dolo and Chert
5160	5168	8	Dolo
5168	5742	574	Lime
5742	5800 TD	58	Lime and Dolomite
T-O-P-S			
			Queen 840'
			San Andres 1535'
			Glorieta 2990'
			Abc Reef 5180'

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. This well completed as a flowing oil well on 8-14-59 in the Empire Abo Pool. On potential test well produced 66 BO and 0 water with 40.5 MCF gas in 22 hours TD 5600'. PHD 5765'

HISTORY OF OIL OR GAS WELL

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