

LOCATE WELL CORRECTLY

RECEIVED

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company ~~Pan American Petroleum Corporation~~ Address ~~P. O. Box 68, Hobbs, New Mexico~~
 Lessor or Tract ~~Malco Refineria G~~ Field ~~Empire Abo~~ State ~~New Mexico~~
 Well No. ~~10~~ Sec. ~~9~~ T. ~~18~~ S. ~~27~~ E Meridian ~~NMPM~~ County ~~Eddy~~
 Location ~~980~~ ft. $\left\{ \begin{smallmatrix} N \\ S \end{smallmatrix} \right\}$ of ~~N~~ Line and ~~1980~~ ft. $\left\{ \begin{smallmatrix} E \\ W \end{smallmatrix} \right\}$ of ~~E~~ Line of ~~Sac. 9~~ Elevation ~~3530~~ 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 _____ Original Signed By
I. W. BROWN

Date September 15, 1959 Title Area Superintendent

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

Commenced drilling August 14, 1959 Finished drilling September 3, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

X No. 1, from 5230 to 5420 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	1483	Circulated	Pump		
4-1/2"	5700	800	Pump		

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 5700 TD feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

-----**September 15**-----, 19--**59** Put to producing -----**September 9**-----, 19--**59**

The production for the first 24 hours was 83 barrels of fluid of which 98% was oil; -----% emulsion; 2% ~~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

-----**J. H. Hobson**-----, Driller -----**R. E. Palmour**-----, Driller
-----**E. A. Hall**-----, Driller -----**O. L. Jamison**-----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	381		Anhy and Gyp
381	1547		Anhy
1547	1651		Anhy and Lime
1651	4101		Lime
4101	4218		Lime and Sand
4218	4283		Lime and Dolomite
4283	4386		Lime
4386	4467		Lime and Sand
4467	4482		Dolomite
4482	4552		Lime and Dolomite
4552	4615		Lime and Chert
4615	4952		Chert and Dolomite
4952	5127		Lime
5127	5205		Green shale and Lime
5205	5700	TD	Lime

7-11-67 1420 001 110 000 000

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 "struck" 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.

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

FORMATION RECORD—Continued