

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 062412
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES **RECEIVED**
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY **NOV 16 1959**

O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Pan American Petroleum Corporation Address P. O. Box 68 - Hobbs, New Mexico
Lessor or Tract Malco Refineria "F" Field Empire ABO State New Mexico
Well No. 10 Sec. 1 T-18-SR-27-E Meridian NMPM County Eddy
Location 646.91 N. 1/8 of N Line and 666.71 E. 1/4 of N Line of Sec. 1 Elevation 3660 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.

Original Signed by
Signed J. W. BROWN

Date November 5, 1959 Title Area Superintendent

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

Commenced drilling 10-5-, 19 59 Finished drilling 10-27-, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5610 to 5848 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"	1475	Circulated			Pump Plug				
4-1/2"	5900	850			Pump Plug				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	1475	Circulated	Pump Plug		
4-1/2"	5900	850	Pump Plug		

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 5900 feet, and from _____ feet to _____ feet

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

DATES

November 4, 19 59 Put to producing October 29, 19 59

The production for the first 79 hours was 79 barrels of fluid of which 82 % was oil; _____ %
emulsion; 18 % 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

J. H. Hobson, Driller E. A. Palmour, Driller

E. A. Hall, Driller O. L. Jamison, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	268	268	No Returns
268	527	259	Redbed, Anhy
527	653	126	Anhy
653	727	74	Anhy, Gyp
727	910	183	Anhy
910	1046	136	Anhy, Gyp
1046	1161	115	Anhy, Gyp, Lime
1161	1255	94	Gyp, Lime
1255	1374	119	Gyp, Lime, Anhy
1374	1453	79	Anhy, Lime
1453	1475	22	Lime
1475	1687	212	Anhy, Lime
1687	2728	1041	Lime
2728	2827	99	Lime & Sand
2827	4512	1685	Lime
4512	4583	71	Lime, Sand, Chert
4583	5021	438	Dolo, Chert
5021	5071	50	Lime, Chert, Shale
5071	5383	312	Lime, Dolo
5383	5467	84	Dolo, Chert
5467	5900 TD	433	Lime

FROM—

TO—

TOTAL FEET

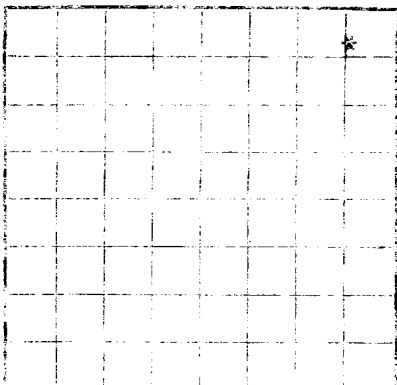
FORMATION

FORMATION RECORD—Continued

U.S. Land Office
Serial Number
Please or Permit to Prospect

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company Name
Location of Well
Section
Township
Range
County
State
Elevation
The information given here is a complete and correct record of the well and all work done thereon
Signed
Date

The summary on this page is for the condition of the well at above date.
Commenced drilling
Finished drilling
Completed drilling

OIL OR GAS SANDS OR ZONES

No. 1 from
No. 2 from
No. 3 from

IMPORTANT WATER SANDS

No. 1 from
No. 2 from

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with reasons for the work and its results. If there were any changes made in the casing, size, position, and depth, state the date, position, and depth of each change. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or falling of shot. If there were any changes made in the casing, size, position, and depth, state the date, position, and depth of each change. If there were any changes made in the casing, size, position, and depth, state the date, position, and depth of each change.

HISTORY OF OIL OR GAS WELL

FORMATION RECORD				EMPLOYEES				DATES				TOOLS USED				SHOOTING RECORD				PLUGS AND ADAPTERS				MUDGING AND CEMENTING RECORD																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
FROM -		TO -		TOTAL FEET		FORMATION		Driller		Driller		Put to producing		feet to		feet to		Depth shot		Depth cleaned out		Size		Material		Length		Depth set		Amount of mud used		Kind of mud		Method used		Notes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
0	208	208	208	208	no bottom	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime	any, lime