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U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 059001
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UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

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MAR 12 1962

D. D. C.
AMERICA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Pan American Petroleum Corporation Address Box 68, Hobbs, New Mexico
Lessor or Tract USA Paul Love Field Undesignated(Abo) State New Mexico
Well No. 1 Sec. 33 T. 17S R. 32E Meridian NMPM County Lea
Location 330 ft. XX of N. Line and 330 ft. XX of E. Line of Section 33 Elevation 3964 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 _____ Original Signed by: **V. E. STALEY**

Date March 6, 1962 Title Area Superintendent

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

Commenced drilling December 7, 1961 Finished drilling February 9, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 8214 to 8288 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—	
11-3/4	31.2	SJ	Armco	299	Guide				Surface Int. Oil
8-5/8	24-32#	SR	H40, J-55	4620	"				
4-1/2	9.5 & 11.6#	SR	J-55 & N-80	9184	"		8214	8288	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
11-3/4	318	Circ.	Pump Plug		
8-5/8	4598	1600	" "		
4-1/2	9150	575	" "		

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
	30,000 gallons ISTNE Acid.					

TOOLS USED

Rotary tools were used from 0 feet to 94.06 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Completed February 27, 1962 Put to producing February 21, 1962

The production for the first 24 hours was 177 barrels of fluid of which 29 % was oil; ----- % emulsion; 7 % ~~water~~ ^{acid}; 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

-----C. L. Davis-----, Driller -Gardner Bros. Drilling Co., Driller
-----R. L. McNew-----, Driller -A. E. Mize-----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	220	220	Surface, caliche and redbed
220	680	460	Redbed
680	798	118	Redbed and shells
798	860	62	Redbed
860	962	102	Redbed and shells
962	1130	168	Anhy
1130	1230	100	Redbed
1230	1296	66	Anhy and redbed
1296	1657	361	Anhy and salt
1657	2521	864	Anhy
2521	2618	97	Gyp.
2618	2728	110	Anhy and Gyp.
2728	3001	273	Anhy
3001	3048	47	Anhy and Lime
3048	3125	77	Anhy and Gyp.
3125	3878	753	Anhy and Lime
3878	3973	95	Lime
3973	4030	57	Anhy and Lime
4030	4267	237	Lime
4267	4367	100	Lime and Anhy
4367	5439	1072	Lime
5439	5527	88	Chert and Lime
5527	5582	55	Lime
5582	5724	142	Sand and Lime
5724	5783	59	Sandy lime and Chert

(OVER)

VB-43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
5783	5824	41	Lime, Chert, and Shale
5824	5982	158	Lime and Chert
5982	6019	37	Lime and Sand
6019	6568	549	Lime and Chert
6568	6612	44	Lime and Chert
6612	6648	36	Lime and Dolo
6648	6699	51	Lime
6699	6727	28	Lime and Lime
6727	8310	1583	Lime and Chert
8310	8403	93	Dolo and Lime
8403	8435	32	Lime and Shale
8435	8520	85	Dolo
8520	8752	232	Dolo and Lime
8752	9017	265	Lime
9017	9056	39	Dolo and Lime
9056	9087	31	Lime
9087	9118	31	Lime and Dolo
9118	9355	237	Lime and Dolo
9355	9384	29	Lime and Dolo
9384	9406	22	Dolo and Chert

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 10-45084-2