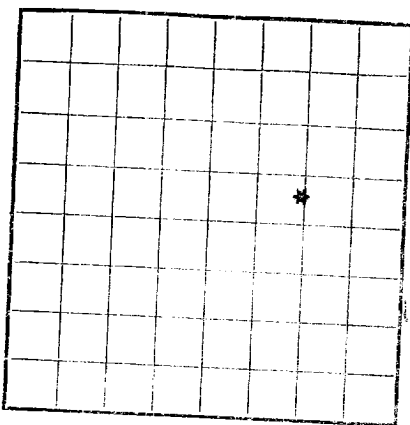




LOCATE WELL CORRECTLY

RECEIVED
NOV 9 1961
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

U. S. LAND OFFICE
SERIAL NUMBER **NM 033825**
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company **Pan American Petroleum Corporation** Address **Box 68, Hobbs, New Mexico**
Lessor or Tract **USA Malco Refineries** **Undesignated**
Well No. **1** Sec. **4** T. **18S** R. **27E** Meridian **NMPM** State **New Mexico**
Location **2190** ft. **N** of **N** Line and **1650** ft. **E** of **E** Line of **Sec. 4** County **Eddy**
Elevation **3601** R
(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 **11-6-61**

Signed _____ Original Signed by _____

Title **V. E. STALEY**
Area Superintendent

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

Commenced drilling **8-13**, 19 **61** Finished drilling **9-29**, 19 **61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3050** to **3098**
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, 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 casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9 5/8"	32.3	8R	H-40	1490	Guide				Surface
4 1/2"	10.5	8R	J-55	3243	Guide		3050	3098	Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	1491	Circulated	Pump Plug		
4 1/2"	3243	350	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
	Acidized with 5000 gal 15% LSTNE					
	SCF with 10,000 gal oil, 25,000# sand					

TOOLS USED

Rotary tools were used from **0** feet to **9815** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Completed **10-30**, 19 **61** Put to producing **10-17-61**, 19 **61**
The production for the first 24 hours was **106** barrels of fluid of which **56** % was oil; _____ %
emulsion; **44** % water; and _____ % sediment.

If gas well, cu. ft. per 24 hours _____ Gravity, °Bé. _____
Rock pressure, lbs. per sq. in. _____ Gallons gasoline per 1,000 cu. ft. of gas _____

EMPLOYEES

_____, Driller
_____, Driller
_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	98	98	Caliche
98	341	243	No returns
341	710	369	Anhy
710	975	265	No returns
975	1131	156	Anhy
1131	1208	77	Anhy, Shale
1208	1256	42	Anhy, Gyp
1256	1328	72	Anhy
1328	1470	142	No returns
1470	3960	2490	Lime
3960	4970	1010	Lime, Dolo
4970	5189	219	Lime
5189	5448	259	Lime, Dolo
5448	5500	52	Lime
5500	5560	60	Lime, Dolo
5560	5792	232	Lime
5792	6025	233	Dolo
6025	6464	439	Lime
6464	6633	169	Dolo, Chert
6633	6985	352	Dolo
6985	7093	48	Lime, Shale
7093	7274	241	Lime, Dolo
7274	7340	66	Lime, Shale
7340	7355	15	Lime, Dolo, Shale
7355	7428	73	Lime, Shale
7428	7490	62	Lime, Dolo

(OVER)

FORMATION RECORD-Continued

FORMATION	TOTAL FEET	TO	FROM
Lime, Dol.	62	7190	7128
Lime, shale	40	7530	7490
Lime, shale	59	7589	7530
Shale	36	7625	7589
Lime, shale	28	7653	7625
Shale	131	7784	7653
Lime, shale	38	7822	7784
Shale	112	7934	7822
Lime, shale	110	8044	7934
Shale	148	8192	8044
Shale, lime	75	8267	8192
Shale	84	8351	8267
Lime, shale	300	8651	8351
Lime, shale	72	8723	8651
Lime, shale	49	8772	8723
Lime	176	8948	8772
Lime, shale	352	8948	8948
Lime	23	9123	8948
Lime, shale	43	9168	9123
Lime	67	9233	9168
Lime, shale	31	9264	9233
Lime	189	9453	9264
Lime, shale	236	9689	9453
Shale	5	9694	9689
Shale, sand	12	9706	9694
Shale, lime	109	9815	9706

HISTORY OF OIL OR GAS WELL

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 pipes or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.