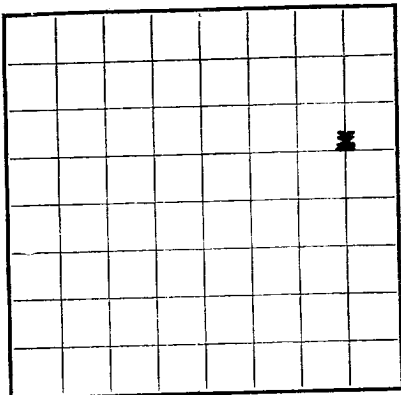


Form 9-330



LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **LC 060549**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
MAY 13 1958
U. S. GEOLOGICAL SURVEY
ARIZONA, ILL.

LOG OF OIL OR GAS WELL

Company **Pan American Petroleum Corporation** Address **Box 68, Hobbs, New Mexico**
Lessor or Tract **Buffalo Federal Unit** Field **Wildcat** State **New Mexico**
Well No. **4** Sec. **4** T. **19 S** R. **33** Meridian **N.M.P.M.** County **Lea**
Location **1980 ft. [X] of N. Line and 660 ft. [X] of E. Line of Section** Elevation **3725**
(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 **Ralph H. Newkirk**

Date **May 7, 1958** Title **Field Superintendent**

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

Commenced drilling **September 2**, 19**57** Finished drilling **April 26**, 19**58**

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **13,270** to **13,305** 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
16"	42.8	Armed	Armed	298	Float			Surface
10-3/4"	40.5	8	I-55	4952	Float			Intermediate
7"	28	8	Armed	11,000	Float			Oil string
							4 shots per foot	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
16"	317	600	Hand		
10-3/4"	4936	1600	Hand		
7"	14,399	885	Hand		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Time	Shells used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
			3			
			70			
			33			

TOOLS USED

Rotary tools were used from _____ feet to **14,399** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Completed **May 5**, 19**58** Put to producing **May 1**, 19**58**
The production for the first 24 hours was **480** barrels of **distillate** of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, **58.4** **54° API**
If gas well, cu. ft. per 24 hours **7,300,000 AOF** Gallons gasoline per 1,000 cu. ft. of gas **Corrected to 6330 psig @ 13,283'**
Rock pressure, lbs. per sq. in. **5800 sig @ 11,000'** Above is measured shut in bottom hole pressure.

EMPLOYEES

R. Swain Driller **Harman Shiflett** Driller
N. Dennis Driller **L. Boyles** Driller
at flow rate of approx. **43**

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	137	137	Shale
137	928	928	Shale and lime
928	692	692	Red bed. Shale, Anhy.
692	41	41	Anhy. Shale, Salt
41	494	494	Anhy. Salt
494	439	439	Lime, Shale, Salt, Anhy.
439	41	41	Anhy. Shale, Salt.
41	78	78	Anhy. Shale, Gyp.
78	58	58	Anhy.
58	153	153	Anhy. Lime, Potash
153	39	39	Anhy. Lime
39	102	102	Anhy. Sand, Shale
102	498	498	Anhy. Shale, Lime
498	198	198	Anhy. Lime
198	104	104	Anhy. Dolomite
104	89	89	Dolomite, Anhy.
89	98	98	Lime, Anhy.
98	178	178	Lime
178	217	217	Dolomite, Lime
217	23	23	Dolomite, Sand
23	232	232	Dolomite, Lime
232	428	428	Dolomite
428	59	59	Lime
59	144	144	Dolomite, Sand, Chert
144	138	138	Lime, Sand, Chert
138			Chert, Dolomite

