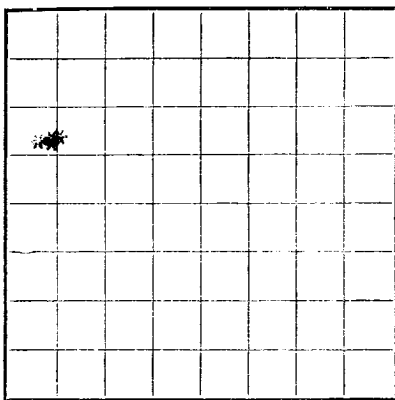


Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 0 67858
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address Box 68 - Hobbs, New Mexico
Lessor or Tract USA Malco Refineries "B" Field Wildcat State New Mexico
Well No. 1 Sec. 11 T. 18S R. 27E Meridian MPM County Eddy
Location 1980 ft. S. of N Line and 660 ft. E. of W Line of Sec. 11 Elevation 3565 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 Ralph H. Henderson

Date March 27, 1958 Title Field Superintendent

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

Commenced drilling January 3, 19 58 Finished drilling February 20, 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from to 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—	
13-3/4	35.6	Armedo	Armedo	292	Float				Surface
8-5/8	24	8R	J-55	1983	Float				Immediate
5-1/2	22	8R	J-55	6100	Float				Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	315	330	Howco		
8-5/8	2000	725	Howco		
5-1/2	6116	150	Howco		

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 6120 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

Completed March 26, 19 58 Put to producing February 19, 19 58
(34 BO)

The production for the first 24 hours was 122 barrels of fluid of which 28 % was oil; %
emulsion; 72 % 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

L. J. Crawford Driller R. C. Sneed Driller
R. F. Huffman Driller Adam Locket Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	70	70	Sand and Shale
70	315	245	Anhy.
315	1352	1037	bed Bed
1352	1757	405	Anhy. - Gyp.
1757	1829	72	Anhy.
1829	2189	360	Anhy. - Gyp.
2189	3689	1500	Lime
3689	3852	163	Lime and Sand
3852	4019	167	Lime
4019	4039	20	Lime and Sand
4039	4184	145	Sand
4184	4377	193	Lime
4377	4482	105	Lime, sand, chert
4482	4512	30	Shale
4512	4723	211	Sandy lime, shale
4723	4806	83	Shale, lime
4806	5243	437	Lime - Sand
5243	5291	48	Lime
5291	5324	33	Lime - Sand
5324	5385	61	Dolomite, Sand
5385	5526	141	Lime - Sand
5526	5762	236	Lime, Sand, Chert
5762	5924	162	Lime, Sand
5924	5981	57	Lime
5981	6116	135	Dolomite

(OVER)

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D.C.

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

BLM FORM 100-100 (Rev. 1-1-40)

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 the well should include all work done on the well from the time it was first drilled to the present. This includes all redrilling, casing changes, dynamiting, plugging, and bailing. It should also include all tests made on the well, and the results of these tests. The history should be written in a clear, concise, and factual manner, and should be as complete as possible.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

16-48094-2

FROM-	TO-	TOTAL FEET	FORMATION
ST. Queen	985		
S. A.	1840		
Leso	3720		
Abco	5230		
Core No. 21	5996	6039	Rec. 43' 100% black shaly dolomite.
Core No. 11	5982	5996	Rec. 14' shaly - dolomite.
6084	6111		Ran 1500' Nitrogen blanket at 675 psi. Tool open 2 hours, test, no fluid or gas to surface, recovered 70' free oil and 180' sulphur oil cut mud, no show water. 30 initial shut in pressure to 2290 in 60 min. Final shut in pressure 2330. Initial flowing pressure 685, final flowing pressure 730.
Perforations 6104 - 6113 and acidized with 2175 gallons acid.			