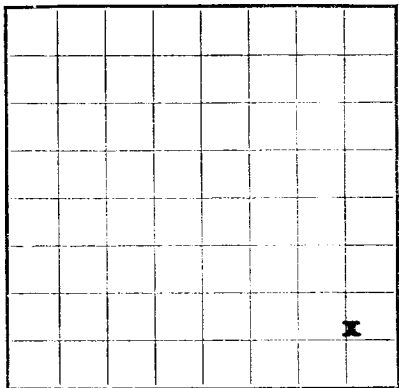


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC-029392 (b)
LEASE OR PERMIT TO PROSPECT _____



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 Greenwood Unit Field Wildcat State New Mexico
Well No. 1 Sec. 27 T. 18S R. 31E Meridian N M P M County Eddy
Location 660 ft. N of S Line and 660 ft. E of E Line of Sec. 27, T-18-S, R-31-E Elevation 3657
(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 _____ Title Production Foreman
Date March 6, 1957

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

Commenced drilling 6-3-56, 19____ Finished drilling 1-28, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 12,655 to 12,700 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—	
<u>16</u>	<u>42.8</u>		<u>Armco</u>	<u>339</u>	<u>Float</u>				<u>Surface</u>
<u>10-3/4</u>	<u>45.5</u>	<u>8</u>	<u>S-80</u>	<u>4658</u>	<u>Float</u>				<u>Intermediate</u>
<u>7-5/8</u>	<u>26.4</u>	<u>8</u>	<u>N-80</u>	<u>11895</u>	<u>Float</u>				<u>Oil String</u>
<u>5</u>	<u>18</u>	<u>8</u>	<u>N-80</u>	<u>1164</u>	<u>Float</u>				<u>Oil String</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>16</u>	<u>358</u>	<u>790</u>	<u>Howco</u>		
<u>10-3/4</u>	<u>4679</u>	<u>1500</u>	<u>Howco</u>		
<u>7-5/8</u>	<u>11915</u>	<u>1000</u>	<u>Howco</u>		
<u>5</u>	<u>13007</u>	<u>175</u>	<u>Howco</u>		

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 13,446 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Shut in pending Pipe Line Connection
Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Initial Potential test will be made when connected to pipe line to avoid undue flaring of gas.
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

R. E. Mills, Jr., Driller E. W. Wall, Driller
L. W. Dewees, Driller R. H. Coffman, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>287</u>	<u>287</u>	<u>Sand & Red Rock</u>
<u>287</u>	<u>728</u>	<u>441</u>	<u>Red Rock</u>
<u>728</u>	<u>1031</u>	<u>303</u>	<u>Red Bed</u>
<u>1031</u>	<u>1551</u>	<u>520</u>	<u>Anhy. Salt</u>
<u>1551</u>	<u>2646</u>	<u>1095</u>	<u>Anhy.</u>
<u>2646</u>	<u>2985</u>	<u>339</u>	<u>Anhy. & Gyp</u>
<u>2985</u>	<u>4469</u>	<u>1484</u>	<u>Lime</u>
<u>4469</u>	<u>4542</u>	<u>73</u>	<u>Lime & Sand</u>
<u>4542</u>	<u>4570</u>	<u>28</u>	<u>Lime, Sand, & Anhy.</u>
<u>4570</u>	<u>4598</u>	<u>28</u>	<u>Lime & Sand</u>
<u>4598</u>	<u>4679</u>	<u>81</u>	<u>Lime</u>
<u>4679</u>	<u>4749</u>	<u>70</u>	<u>Lime & Dolomite</u>
<u>4749</u>	<u>4834</u>	<u>85</u>	<u>Lime & Sand</u>
<u>4834</u>	<u>4868</u>	<u>34</u>	<u>Dolomite & Chert</u>
<u>4868</u>	<u>4912</u>	<u>44</u>	<u>Lime, Chert, & Sand</u>
<u>4912</u>	<u>5593</u>	<u>681</u>	<u>Lime & Sand</u>
<u>5593</u>	<u>5597</u>	<u>4</u>	<u>Lime & Dolomite</u>
<u>5597</u>	<u>6466</u>	<u>869</u>	<u>Lime, Sand, & Shale</u>
<u>6466</u>	<u>6576</u>	<u>110</u>	<u>Sand, Shale & Dolomite</u>
<u>6576</u>	<u>6596</u>	<u>20</u>	<u>Lime & Sand</u>
<u>6596</u>	<u>6914</u>	<u>318</u>	<u>Lime</u>
<u>6914</u>	<u>6972</u>	<u>58</u>	<u>Dolomite & Shale</u>
<u>6972</u>	<u>7855</u>	<u>883</u>	<u>Lime & Shale</u>
<u>7855</u>	<u>8020</u>	<u>165</u>	<u>Sandy Lime & Shale</u>
<u>8020</u>	<u>8167</u>	<u>147</u>	<u>Lime & Chert</u>
<u>8167</u>	<u>8604</u>	<u>437</u>	<u>Lime & Shale</u>

[OVER]

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
8604	8792	188	Sandy Lime & Shale
8931	8931	139	Lime
9356	9356	425	Sandy Lime & Shale
9714	9714	358	Lime & Shale
9727	9727	13	Sandy Lime & Shale
10366	10366	639	Lime & Shale
10381	10381	15	Lime, Sand & Chert.
10492	10492	111	Lime and Sand
10532	10532	40	Lime & Chert
10835	10835	280	Lime & Shale
10850	10850	29	Lime, Shale & Sand
10877	10877	15	Lime & Sand
11023	11023	27	Lime, Shale & Sand
11077	11077	146	Lime & Shale
11190	11190	54	Lime, Shale & Chert
11299	11299	113	Lime & Shale
11357	11357	109	Sand Lime & Shale
11818	11818	58	Lime & Shale
11850	11850	166	Sand, Lime & Shale
11881	11881	278	Shale & Lime
11881	11881	10	Lime & Chert.
11940	11940	9	Lime, Shale & Chert
11980	11980	122	Lime & Chert
12332	12332	40	Lime
12391	12391	352	Lime & Chert
12734	12734	99	Shale
12755	12755	343	Lime
12781	12781	21	Dolomite Lime
12786	12786	26	Lime & Chert
12811	12811	5	Dolomite & Chert
12842	12842	25	Lime & Chert
12846	12846	31	Lime
12872	12872	4	Lime & Dolomite
13105	13105	259	Lime.
13328	13328	223	Dolomite
13360	13360	32	Lime & Dolomite
13409	13409	45	Dolomite
13405	13405	41	Lime 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