



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Las Cruces
U. S. LAND OFFICE
SERIAL NUMBER 067828
LEASE OR PERMIT TO PROSPECT

JUN 26 1958

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address Box 68 - Hobbs, New Mexico
Lessor or Tract USA Maceo Refineries "C" Field Undesignated State New Mexico
Well No. 1 Sec. 11 T. 18S R. 27E Meridian NMPM County Eddy
Location 640 ft. S. of N Line and 1900 ft. W. of E Line of Section 11 Elevation 3611 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. Jackson
Date 6-18-58 Title Field Superintendent

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

Commenced drilling 4-6-58, 1958 Finished drilling 6-9-58, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6138 to 6158 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>8-5/8</u>	<u>24</u>	<u>8</u>	<u>I-55</u>	<u>942</u>	<u>Float</u>				<u>Surface</u>
<u>5-1/2</u>	<u>14</u>	<u>8</u>	<u>I-55</u>	<u>612</u>	<u>Float</u>		<u>6138</u>	<u>6158</u>	<u>Oil string</u>
							<u>w/ 10 screens per foot</u>		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>950</u>	<u>300</u>	<u>Howe</u>		
<u>5-1/2</u>	<u>6260</u>	<u>150</u>	<u>Howe</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 6260 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Completed 6-11, 1958 Put to producing 6-8, 1958
The production for the first 24 hours was 80 barrels of fluid of which 91 % was oil; _____ %
emulsion; 9 % water; and _____ % sediment. Gravity, °Bé. 42°
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. H. Dukeminier, Driller J. C. Hayalip, Driller
L. L. Farley, Driller W. J. Botkin, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>425</u>	<u>425</u>	<u>Gravel and Sand</u>
<u>425</u>	<u>670</u>	<u>245</u>	<u>Anhy. and sand</u>
<u>670</u>	<u>1595</u>	<u>925</u>	<u>Anhy and Lime</u>
<u>1595</u>	<u>2402</u>	<u>807</u>	<u>Lime and Sand</u>
<u>2402</u>	<u>2819</u>	<u>417</u>	<u>Lime</u>
<u>2819</u>	<u>2889</u>	<u>70</u>	<u>Lime and Sand</u>
<u>2889</u>	<u>2975</u>	<u>86</u>	<u>Lime and Chert</u>
<u>2975</u>	<u>3230</u>	<u>255</u>	<u>Lime and Sand</u>
<u>3230</u>	<u>3305</u>	<u>75</u>	<u>Lime, Gyp, and Sand</u>
<u>3305</u>	<u>3520</u>	<u>215</u>	<u>Lime and Sand</u>
<u>3520</u>	<u>3733</u>	<u>213</u>	<u>Lime</u>
<u>3733</u>	<u>3806</u>	<u>73</u>	<u>Lime and Sand</u>
<u>3806</u>	<u>4077</u>	<u>271</u>	<u>Lime</u>
<u>4077</u>	<u>4404</u>	<u>327</u>	<u>Lime and Sand</u>
<u>4404</u>	<u>4814</u>	<u>410</u>	<u>Lime</u>
<u>4814</u>	<u>5006</u>	<u>192</u>	<u>Dolomite</u>
<u>5006</u>	<u>5025</u>	<u>19</u>	<u>Lime</u>
<u>5025</u>	<u>5057</u>	<u>32</u>	<u>Lime, Sand, and Dolomite</u>
<u>5057</u>	<u>5074</u>	<u>17</u>	<u>Dolomite and Lime</u>
<u>5074</u>	<u>5214</u>	<u>140</u>	<u>Lime</u>
<u>5214</u>	<u>5223</u>	<u>9</u>	<u>Lime and Chert</u>
<u>5223</u>	<u>5249</u>	<u>26</u>	<u>Lime and Sand</u>

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
5249	5383	134	Lime, Sand and Chert
5383	5460	77	Chert, Sand and Dolomite
5460	5513	53	Lime, Sand and Chert
5513	5593	80	Lime and Sand
5593	5676	83	Lime, Sand and Dolomite
5676	6014	338	Lime, Sand and Chert
6014	6094	80	Lime, Shale and Dolomite
6094	6118	24	Lime and Sand
6118	6176	58	Lime, Shale, Dolomite and Sand
6176	6262	86	Lime and Dolomite
Core #1 5980 - 83 - Recovered 2½' of hard black dolomite with vertical fractures.			
DST #1 - Set packer 6100. Tool open 52 minutes when drill pipe showed leak, reversed out, recovered 547' oil and gas out mud. 45 minutes ISIP 2100, 15 minutes FSIP 1060, IFP 940, FFP 420, Hydrostatic 2960.			
DST #2 - Packer set at 6090 - 6176. Tool open 8-1/4 hrs., recovered 1150' of heavy oil and gas out mud, 100' oil and gas out sulphur water in 60 minutes, ISIP 2420, 60 minutes FSIP 2340, IFP 420, FFP 640, Initial Hydrostatic 3160, Final 3100, Gas measured 10.32 MCFPB, 5/8" choke.			
TOPS			
Queen	1060		
San Andres	1920		
Yaso	3410		
Abo	5960		

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