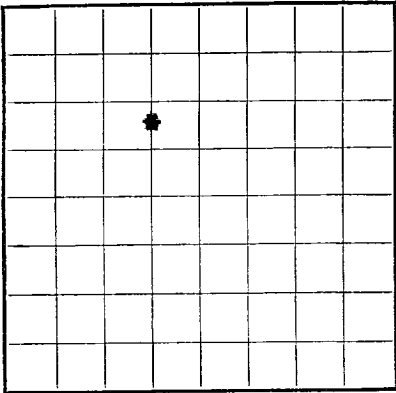


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 067858
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEC 16 1958
U. S. GEOLOGICAL SURVEY
ARIESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address Post Office Box 68, Hobbs, New Mexico
Lessor or Tract USA Malco Refineries "A" Field Emire Abo State New Mexico
Well No. 2 Sec. 11 T. 18-S R. 27-E Meridian N.M.P.M. County Hddy
Location 1650 ft. N of N Line and 1980 ft. E of W Line of Section 11 Elevation 3589 MSL
(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 Joseph Henderson

Date December 9, 1958 Title Field Superintendent

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

Commenced drilling October 22, 1958 Finished drilling November 26, 1958

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

No. 1, from Dry Hole 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—	
<u>8-5/8</u>	<u>24</u>	<u>8</u>	<u>J-55</u>	<u>994</u>	<u>Float</u>				<u>Surface</u>
<u>Oil string not run</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>1003</u>	<u>750</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 6179 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Temporarily Abandoned, 19____ Put to producing Dry Hole, 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

H. L. Beuther, Driller _____ P. F. Huffman, Driller _____
E. E. Foster, Driller _____ R. C. Sneed, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>354</u>	<u>354</u>	<u>Red Bed</u>
<u>354</u>	<u>2011</u>	<u>1657</u>	<u>Anhy.</u>
<u>2011</u>	<u>2974</u>	<u>963</u>	<u>Lime</u> <u>TOPS</u>
<u>2974</u>	<u>3191</u>	<u>217</u>	<u>Anhy. and Lime</u> <u>Top - San Andres</u> <u>1910'</u>
<u>3191</u>	<u>4115</u>	<u>924</u>	<u>Lime</u> <u>Top - Abo</u> <u>5310'</u>
<u>4115</u>	<u>4349</u>	<u>234</u>	<u>Lime and Sand</u>
<u>4349</u>	<u>4419</u>	<u>70</u>	<u>Lime</u>
<u>4419</u>	<u>4578</u>	<u>159</u>	<u>Lime and Sand</u>
<u>4578</u>	<u>5204</u>	<u>626</u>	<u>Lime</u>
<u>5204</u>	<u>5313</u>	<u>109</u>	<u>Lime and Sand</u>
<u>5313</u>	<u>5391</u>	<u>78</u>	<u>Cherty Dolomite</u>
<u>5391</u>	<u>5428</u>	<u>37</u>	<u>Lime and Chert</u>
<u>5428</u>	<u>5513</u>	<u>85</u>	<u>Chert and Dolomite</u>
<u>5513</u>	<u>5580</u>	<u>67</u>	<u>Chert Lime</u>
<u>5580</u>	<u>5716</u>	<u>136</u>	<u>Chert Dolomite</u>
<u>5716</u>	<u>5753</u>	<u>37</u>	<u>Lime and Chert</u>
<u>5753</u>	<u>5861</u>	<u>108</u>	<u>Chert and Dolomite</u>
<u>5861</u>	<u>5905</u>	<u>44</u>	<u>Chert</u>
<u>5905</u>	<u>5994</u>	<u>89</u>	<u>Chert and Dolomite</u>
<u>5994</u>	<u>6039</u>	<u>45</u>	<u>Lime</u>
<u>6039</u>	<u>6073</u>	<u>34</u>	<u>Lime and Chert</u>
<u>6073</u>	<u>6090</u>	<u>17</u>	<u>Lime and Dolomite</u>
<u>6090</u>	<u>6179</u>	<u>89</u>	<u>Chert and Dolomite</u>

[illegible]

After drilling to a TD of 6179', and encountering no production the well was temporarily abandoned by setting a 50 sack cement plug from 6179' - 6037' and spaced 15 sacks plus 1000' from 1006' - 975'. In bottom 8-5/8" surface casing. Steel and welded over surface casing.