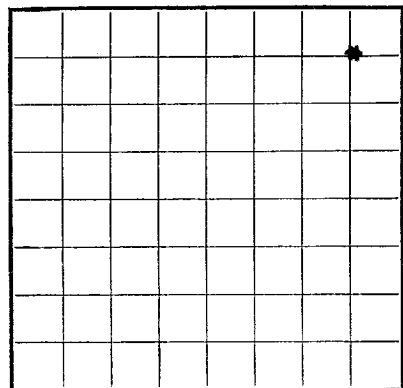


Las Cruces
U. S. LAND OFFICE
SERIAL NUMBER 062412
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES RECEIVED
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
NOV 23 1959

U. S. G.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address P. O. Box 66 - Hobbs, New Mexico
Lessor or Tract Malco Refineries "F" Field Empire ABO State New Mexico
Well No. 11 Sec. 1 T. 18-S R. 27-E Meridian NMPM County Eddy
Location 667.12 ft. N of N Line and 666.05 ft. E of E Line of Section 1 Elevation 3675 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.
Original Signed by L. W. BROWN
SIGNED _____

Date November 16, 1959 Title Area Superintendent

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

Commenced drilling October 7, 1959 Finished drilling November 2, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5759 to 6076 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>24.4</u>	<u>8R</u>	<u>J-55</u>	<u>1481</u>	<u>Guide</u>				<u>Surface</u>
<u>4-1/2"</u>	<u>9.54</u>	<u>8R</u>	<u>J-55</u>	<u>6133</u>	<u>Guide</u>		<u>6026</u>	<u>6064</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>8-5/8"</u>	<u>1483</u>	<u>Circulated</u>	<u>Pump Plug</u>		
<u>4-1/2"</u>	<u>6114</u>	<u>850-Sx</u>	<u>Pump Plug</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 6118 TD feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

November 5, 1959 Put to producing November 4, 1959

The production for the first 24 hours was 124 barrels of fluid of which 97% was oil; _____% emulsion; 3% 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. _____

R. O. Blackledge

EMPLOYEES H. L. Beutler

Adam Locke, Driller

H. C. Sneed, Driller

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>163</u>	<u>163</u>	<u>Redbed & Anhy</u>
<u>163</u>	<u>280</u>	<u>117</u>	<u>Redbed & Shale</u>
<u>280</u>	<u>770</u>	<u>490</u>	<u>Redbed & Anhy</u>
<u>770</u>	<u>820</u>	<u>50</u>	<u>Anhy & Gyp</u>
<u>820</u>	<u>1082</u>	<u>262</u>	<u>Anhy, Gyp & Redbed</u>
<u>1082</u>	<u>1366</u>	<u>284</u>	<u>Anhy, Gyp</u>
<u>1366</u>	<u>1666</u>	<u>300</u>	<u>Anhy</u>
<u>1666</u>	<u>4824</u>	<u>3158</u>	<u>Lime</u>
<u>4824</u>	<u>4886</u>	<u>62</u>	<u>Lime & Chert</u>
<u>4886</u>	<u>4930</u>	<u>86</u>	<u>Lime</u>
<u>5016</u>	<u>5020</u>	<u>4</u>	<u>Chert & Dolo</u>
<u>5020</u>	<u>5150</u>	<u>130</u>	<u>Lime & Dolo</u>
<u>5150</u>	<u>5241</u>	<u>91</u>	<u>Dolo & Chert</u>
<u>5241</u>	<u>5332</u>	<u>91</u>	<u>Lime, Dolo & Chert</u>
<u>5332</u>	<u>5356</u>	<u>24</u>	<u>Chert & Dolo</u>
<u>5356</u>	<u>5552</u>	<u>196</u>	<u>Chert, Dolo & Lime</u>
<u>5552</u>	<u>5642</u>	<u>90</u>	<u>Lime</u>
<u>5642</u>	<u>5714</u>	<u>72</u>	<u>Dolo & Lime</u>
<u>5714</u>	<u>5832</u>	<u>118</u>	<u>Lime & Shale</u>
<u>5832</u>	<u>5896</u>	<u>64</u>	<u>Lime & Dolo</u>
<u>5896</u>	<u>5995</u>	<u>99</u>	<u>Lime & Shale</u>
<u>5995</u>	<u>6118</u>	<u>123</u>	<u>Lime & Dolo</u>

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 refilling, 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.

[illegible]