

Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC-061783(b)
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Pan American Petroleum Corporation Address Box 68 - Hobbs, New Mexico
Lessor or Tract USA Mann Federal Field Empire Abo State New Mexico
Well No. 2 Sec. 3 T. 18-S R. 27-E Meridian NMPM County Eddy
Location 1650 ft. N. of S Line and 990 ft. E. of W Line of 3 Elevation 3579 D.F. 3580 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 G. W. Brown

Date August 18, 1959 Title Area Superintendent

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

Commenced drilling July 20, 19 59 Finished drilling August 7, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5414 to 5663 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>8RT</u>	<u>J-55</u>	<u>1502</u>	<u>Guide</u>				
<u>4-1/2"</u>	<u>9.5#</u>	<u>8RT</u>	<u>J-55</u>	<u>5729</u>	<u>Guide</u>		<u>5620</u>	<u>5660</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>1505</u>	<u>700</u> <u>ex</u>	<u>HOWCO</u>		
<u>4-1/2"</u>	<u>5711</u>	<u>800</u> <u>ex</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 5711 TD feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 17, 19 59 Put to producing August 9, 19 59

The production for the first 24 hours was 76 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 42°

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas 261

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

B.J. Wright, Driller R.E. Mills, Jr., Driller
J.W. Martin, Driller O.L. Jamison, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>71</u>	<u>71</u>	<u>Caliche</u> <u>T. Queen - 900</u>
<u>71</u>	<u>200</u>	<u>129</u>	<u>Redbed</u> <u>T. San Andres-1590</u>
<u>200</u>	<u>910</u>	<u>710</u>	<u>Redbed & Anhy</u> <u>T. Glorieta - 3045</u>
<u>910</u>	<u>1044</u>	<u>134</u>	<u>Anhy x Gyp</u> <u>T. Abo - 5414</u>
<u>1044</u>	<u>1068</u>	<u>24</u>	<u>Anhy</u>
<u>1068</u>	<u>1459</u>	<u>391</u>	<u>Anhy x Gyp</u>
<u>1459</u>	<u>1505</u>	<u>46</u>	<u>Anhy x Lime</u>
<u>1505</u>	<u>2357</u>	<u>852</u>	<u>Lime</u>
<u>2357</u>	<u>2847</u>	<u>490</u>	<u>Lime x Sand</u>
<u>2847</u>	<u>3590</u>	<u>743</u>	<u>Lime</u>
<u>3590</u>	<u>3790</u>	<u>200</u>	<u>Lime x Sand</u>
<u>3790</u>	<u>4280</u>	<u>490</u>	<u>Lime</u>
<u>4280</u>	<u>4496</u>	<u>216</u>	<u>Lime x Sand</u>
<u>4496</u>	<u>4808</u>	<u>312</u>	<u>Lime</u>
<u>4808</u>	<u>4882</u>	<u>74</u>	<u>Lime x Sand</u>
<u>4882</u>	<u>5711 TD</u>	<u>829</u>	<u>Lime</u>

[OVER]

This well was completed as a flowing oil well 8-9-59. On potential test well flowed 76 BO and no water in 24 hours on an 8/64" choke. TPF-725. CP-ZERO-PKR. GOR 261. Well treated w/2000 gallons 15% regular acid.