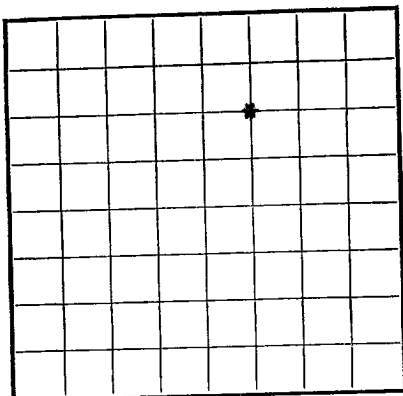


U. S. LAND OFFICE

NM 037667

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

HOBBS OFFICE OCC
UNITED STATES1962 MADEB
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address Box 68
Lessor or Tract USA Courtland Myers "B" Field Langlie-Mattix State New Mexico
Well No. 19 Sec. 6 T. 24S R. 37E Meridian NMPM County Lea
Location 1968.45t. [N] of [E] Line and 1980. [E] of [E] Line of Sec. 6 Elevation 3331 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: V. E. STALEY
Signed _____

Date April 26, 1962Title Area Superintendent

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

Commenced drilling 3-9, 19 62 Finished drilling 3-17, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3519 to 3644 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>22.7</u>	<u>8</u>	<u>ST</u>	<u>313</u>	<u>Guide</u>				<u>Surface</u>
<u>4 1/2"</u>	<u>9.5</u>	<u>8R</u>	<u>J-55</u>	<u>2798</u>	<u>Guide</u>		<u>3519</u>	<u>3644</u>	<u>Oil</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>352</u>	<u>Circ</u>			
<u>4 1/2"</u>	<u>3696</u>	<u>335 8x</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
<u>1000</u>	<u>gal Acid</u>					
<u>3-0-F 20,000 gal oil x 40,000 # Sand</u>						

TOOLS USED

Rotary tools were used from 0 feet to 3696 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Completed 4-7, 19 62 Put to producing 4-12, 19 62
The production for the first 24 hours was 38 barrels of fluid of which 90% was oil; _____ %
emulsion; 10% water; and _____ % sediment. Gravity, °Bé. 39°
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas 725
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Paul R. McQueen, Driller Davidson Bros. Co., Driller
R. J. Gaspord, Driller Jack Gotthardt, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1195</u>	<u>1195</u>	<u>Red Bed</u>
<u>1195</u>	<u>1996</u>	<u>801</u>	<u>" Anhy</u>
<u>1996</u>	<u>2551</u>	<u>555</u>	<u>Salt, Anhy</u>
<u>2551</u>	<u>2694</u>	<u>143</u>	<u>Salt</u>
<u>2694</u>	<u>2855</u>	<u>161</u>	<u>Salt Anhy</u>
<u>2855</u>	<u>3113</u>	<u>258</u>	<u>Anhy; Salt, Gyp</u>
<u>3113</u>	<u>3696</u>	<u>583</u>	<u>Lime</u>
Tops by E Log			
			<u>T. Yates 2935'</u>
			<u>T. S.R. 3251'</u>
			<u>T. Queen 3519'</u>
FROM—	TO—	TOTAL FEET	FORMATION

(OVER)

FORMATION RECORD—Continued

