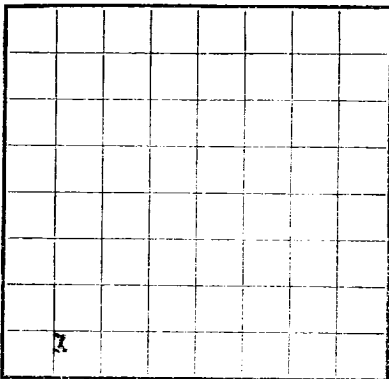




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER SF 078019

LEASE OR PERMIT TO PROSPECT
E. H. PipkinUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address Box 420, Farmington, New Mexico
Lessor or Tract E. H. Pipkin Field Angels Peak State New Mexico
Well No. 6 Sec. 36 T. 28 R. 11 Meridian N. M. County San Juan
Location 790 ft. N. of 3 Line and 990 ft. E. of 3 Line of Section 36 Elevation 5722 (B)
(Derrick floor relative to base of well)

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 _____

Date November 2, 1960Title Area Engineer

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

Commenced drilling September 19, 1960 Finished drilling October 14, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6154 to 6196 (G) 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>31</u>	<u>Araco</u>	<u>971</u>	<u>Outside</u>				<u>Surface</u>
<u>5-1/2"</u>	<u>15.5</u>	<u>800</u>	<u>J-55</u>	<u>6274</u>	<u>Casing</u>				<u>Production</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>371</u>	<u>250</u>	<u>Pump Plug</u>		
<u>5-1/2"</u>	<u>6274</u>	<u>700</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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 6275 feet, and from _____ feet to _____ feet

DATES

Completed no shut-in gas well _____ Put to producing _____, 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

_____, Driller _____, Driller
Forest Panther, Driller John Turner, Driller
Charles Shepard, Driller L. E. Wood, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>542</u>	<u>542</u>	<u>Surface sands & shales.</u>
<u>542</u>	<u>643</u>	<u>101</u>	<u>Ojo Alamo sand.</u>
<u>643</u>	<u>1396</u>	<u>753</u>	<u>Hirtland shales & sands including Farmington sand.</u>
<u>1396</u>	<u>1628</u>	<u>232</u>	<u>Fruitland sands, shales, and coals.</u>
<u>1628</u>	<u>1718</u>	<u>90</u>	<u>Pictured Cliffs sand.</u>
<u>1718</u>	<u>3150</u>	<u>1432</u>	<u>Lewis shale.</u>
<u>3150</u>	<u>4297</u>	<u>1147</u>	<u>Messavie sands and shales.</u>
<u>4297</u>	<u>5190</u>	<u>893</u>	<u>Hancos shale.</u>
<u>5190</u>	<u>5965</u>	<u>775</u>	<u>Gallup sands and shales.</u>
<u>5965</u>	<u>6077</u>	<u>112</u>	<u>Greenhorn sandy shale.</u>
<u>6077</u>	<u>6100</u>	<u>23</u>	<u>Graneros sands and shales.</u>
<u>6100</u>	<u>6154</u>	<u>54</u>	<u>Dakota sands and shales.</u>
<u>6154</u>	<u>6272</u>	<u>124</u>	<u>Dakota pay sands and shales.</u>
			<u>(Tops from A log)</u>

(OVER)

10-43004-4

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WELL LOG NO. 1000

Well No. 1000, located in the ...
The well was drilled to a depth of 1000 feet.
The formation encountered was ...
The well was completed with a 2 1/2 inch casing.
The well was tested at a depth of 1000 feet.
The test results showed a production of ...
The well was abandoned on ...

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.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

DATE	DESCRIPTION	TO	FROM
1900	Well No. 1000, located in the ...		
1901	The well was drilled to a depth of 1000 feet.		
1902	The formation encountered was ...		
1903	The well was completed with a 2 1/2 inch casing.		
1904	The well was tested at a depth of 1000 feet.		
1905	The test results showed a production of ...		
1906	The well was abandoned on ...		
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