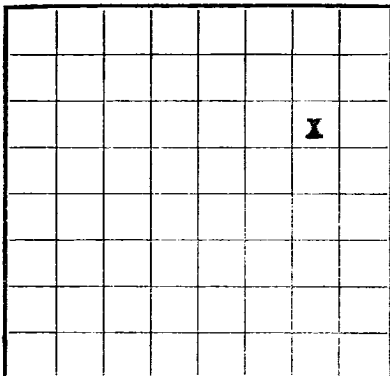




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa FeSERIAL NUMBER SF 078019LEASE 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 480, Farmington, New MexicoLessor or Tract E. H. Pipkin Field Basin Dakota State New MexicoWell No. 7 Sec. 35 T. 28-N R. 11-W Meridian N.M.P.M. County San JuanLocation 1785 ft. S. of N. Line and 790 ft. W. of E. Line of Section 35 Elevation 5808 (RDB)

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 P. M. Bader, Jr.Date January 6, 1961 Title Senior Petroleum Engineer

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

Commenced drilling December 13, 1960 Finished drilling December 25, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6252 to 6295 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>20</u>	<u>8</u>	<u>1-52</u>	<u>140</u>	<u>Open</u>	<u>Surface</u>			<u>Surface</u>
<u>4-1/2"</u>	<u>9.5</u>	<u>8</u>	<u>3-55</u>	<u>609</u>	<u>Open</u>	<u>Oil String</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>450</u>	<u>200 sacks of cement</u>	<u>B. J. Service 1 Plug</u>		
<u>4-1/2"</u>	<u>6380</u>	<u>525 sacks of cement</u>	<u>2 stage B. J. Service and Baker Oil Tool.</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 6380 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Completed January 5, 1961 as shut in DATES Shut in for Pipeline connection
Basin Dakota Field Development Well.
Put to producing January 5, 1961

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

Preliminary test, 7790 ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. Potential test will be filed on Sundry Notice when available.

EMPLOYEES

Charles Lockhart _____, Driller R. C. Cary _____, Driller

J. G. Binkley _____, Driller John D. Roe _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>638</u>	<u>638</u>	<u>Surface sands and shales.</u>
<u>638</u>	<u>731</u>	<u>93</u>	<u>Ojo Alamo Sand.</u>
<u>731</u>	<u>1487</u>	<u>756</u>	<u>Kirtland shales and sands including Farmington sand.</u>
<u>1487</u>	<u>1723</u>	<u>236</u>	<u>Fruitland sands, shales, and coals.</u>
<u>1723</u>	<u>1815</u>	<u>92</u>	<u>Pictured Cliffs sand.</u>
<u>1815</u>	<u>3252</u>	<u>1437</u>	<u>Lewis shale.</u>
<u>3252</u>	<u>4417</u>	<u>1165</u>	<u>Mesaverde sands and shales.</u>
<u>4417</u>	<u>5291</u>	<u>874</u>	<u>Mancos shale.</u>
<u>5291</u>	<u>6090</u>	<u>799</u>	<u>Greenhorn sandy shale.</u>
<u>6090</u>	<u>6208</u>	<u>118</u>	<u>Graneros sands and shales.</u>
<u>6208</u>	<u>6252</u>	<u>44</u>	<u>Dakota sands and shales.</u>
<u>6252</u>	<u>6380</u>	<u>128</u>	<u>Dakota pay sands and shales.</u>
			(Tops from <u>EN Log</u>)

(OVER)

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LOG OF OIL OR GAS WELL

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