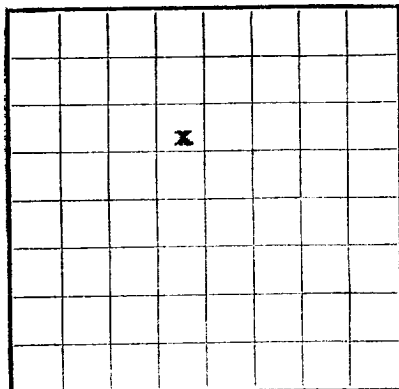


U. S. LAND OFFICE Santa FeSERIAL NUMBER SF-078926-4

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY



UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company PAN AMERICAN PETROLEUM CORPORATION Address P. O. Box 480, Farmington, New MexicoLessor or Tract Gallegos Canyon Unit Field Basin Dakota State New MexicoWell No. 135 Sec. 26 T. 29N R. 13W Meridian N.M.P.M. County San JuanLocation 1545 ft. S of N Line and 2076 ft. E of W Line of Section 26 Elevation 5728
(Denick 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 F. H. HOLLAND ORIGINAL SIGNED BYDate September 3, 1963Title Petroleum Engineer

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

Commenced drilling July 21, 1963 Finished drilling July 30, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6189 to 6202 (G) No. 4, from _____ to _____No. 2, from 6096 to 6108 (G) 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>26.5</u>	<u>8</u>	<u>API</u>	<u>6202</u>	<u>Open</u>	<u>Surface</u>			<u>Oil String</u>
<u>4-1/2"</u>	<u>9.5</u>	<u>8</u>	<u>API</u>	<u>6297</u>	<u>Open</u>	<u>6202</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>370</u>	<u>250</u>	<u>Dowell 1 Plug</u>		
<u>4-1/2"</u>	<u>6297</u>	<u>1400</u>	<u>Halliburton 2 Stage</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 6297 feet, and from _____ feet to _____ feet

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

DATES

Completed as shut in gas well August 14, 1963 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, cubic feet per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 39372050 (170)

EMPLOYEES

_____, Driller _____, Driller

G. M. Benton, Driller R. Slaughter, DrillerA. G. Miller, Driller J. Weisgerber, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1550</u>	<u>1550</u>	<u>Surface Sn and Sh</u>
<u>1550</u>	<u>1720</u>	<u>120</u>	<u>Pictured Cliffs Sn and Sh</u>
<u>1720</u>	<u>3080</u>	<u>1360</u>	<u>Lewis Sh</u>
<u>3080</u>	<u>4315</u>	<u>1235</u>	<u>Mesaverde Sn and Sh</u>
<u>4315</u>	<u>5227</u>	<u>912</u>	<u>Mancos Sh</u>
<u>5227</u>	<u>5698</u>	<u>471</u>	<u>Gallup Sn and Sh</u>
<u>5698</u>	<u>5962</u>	<u>264</u>	<u>Mancos Sh</u>
<u>5962</u>	<u>6045</u>	<u>83</u>	<u>Greenhorn Sh</u>
<u>6045</u>	<u>6086</u>	<u>41</u>	<u>Graneros Sh</u>
<u>6086</u>	<u>6184</u>	<u>98</u>	<u>Graneros Dakota Sn and Sh</u>
<u>6184</u>	<u>6204</u>	<u>20</u>	<u>Main Dakota Sn</u>
<u>6204</u>	<u>6297</u>	<u>93</u>	<u>Lower Dakota Sn and Sh</u>

