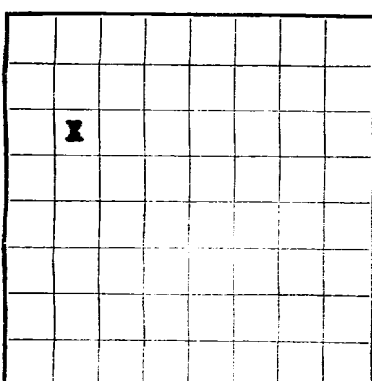
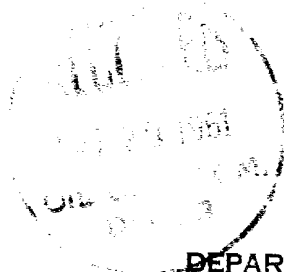




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF-078019
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address Box 480, Farmington, New Mexico
Lessor or Tract E. H. Pipkin Field Basin Dakota State New Mexico
Well No. 10 Sec. 1 T. 27N R. 11W Meridian N.M.P.M. County San Juan
Location 1620 ft. S. of N. Line and 1160 ft. E. of W. Line of Section 1 Elevation 5890'
(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

ORIGINAL SIGNED BY

R. M. Bauer, Jr.

Date March 24, 1961Title Senior Petroleum Engineer

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

Commenced drilling February 22, 1961 Finished drilling March 21, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6301 to 6307 No. 4, from _____ to _____
No. 2, from 6353 to 6357 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>23#</u>	<u>5VT</u>	<u>CP</u>	<u>6452</u>	<u>Guide</u>				<u>Surface</u>
<u>4-1/2"</u>	<u>9.9#</u>	<u>8RT</u>	<u>CP</u>	<u>6471</u>	<u>Guide</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>339</u>	<u>275</u>	<u>Halliburton</u>	<u>1 Plug</u>	
<u>4-1/2"</u>	<u>6452</u>	<u>525</u>	<u>Halliburton</u>	<u>2 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 6452 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Completed as shut in Basin Dakota Field Development Well March 21, 1961

Shut in for pipeline connection

Put to producing March 21, 1961

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

If gas well, xxx cc. per 24 hours 4295 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. D. Roe, Driller

J. G. Brinkley, Driller

R. C. Casey, Driller

C. Lockhart, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>510</u>	<u>510</u>	<u>Surface sand and shale.</u>
<u>510</u>	<u>792</u>	<u>282</u>	<u>Kirtland Sand and shale including Farmington sand.</u>
<u>792</u>	<u>1550</u>	<u>758</u>	<u>Fruitland Sand, shale, and coals.</u>
<u>1550</u>	<u>1835</u>	<u>285</u>	<u>Pictured cliffs sand.</u>
<u>1835</u>	<u>3305</u>	<u>1470</u>	<u>Lewis shale.</u>
<u>3305</u>	<u>4460</u>	<u>1155</u>	<u>Mesaverde Sand and shale.</u>
<u>4460</u>	<u>5320</u>	<u>860</u>	<u>Mancos shale.</u>
<u>5320</u>	<u>6108</u>	<u>788</u>	<u>Gallup sands and shale.</u>
<u>6108</u>	<u>6190</u>	<u>82</u>	<u>Greenhorn sand and shale.</u>
<u>6190</u>	<u>6220</u>	<u>30</u>	<u>Graneros sand and shale.</u>
<u>6220</u>	<u>6292</u>	<u>72</u>	<u>Dakota sand and shale.</u>
<u>6292</u>	<u>6452</u>	<u>160</u>	<u>Dakota pay sand and shale.</u>

(OVER)

Stops from E. log.)

INFORMATION RECORD—Continued