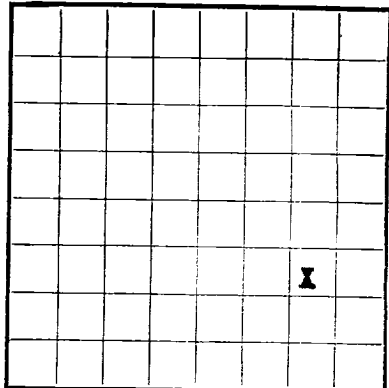




LOCATE WELL CORRECTLY

U. S. LAND OFFICE New Mexico
SERIAL NUMBER NM 01137
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
AUG 21 1958
U. S. GEOLOGICAL SURVEY
NEW MEXICO

LOG OF OIL OR GAS WELL

Company PAN AMERICAN PETROLEUM CORPORATION Address Box 487, Farmington, New Mexico
Lessor or Tract Fred Phillips "D" Field Tapacito-Pictured Cliffs State New Mexico
Well No. 1 Sec. 10 T. 25N R. 3W Meridian NMPM County Rio Arriba
Location 1800 ft. N. of S Line and 990 ft. E. of E Line of Section 10 Elevation 7255
(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

Date August 20, 1958Title Field Engineer

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

Commenced drilling July 18, 19 58 Finished drilling July 24, 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3737 to 3767 (G) No. 4, from
No. 2, from to No. 5, from
No. 3, from to No. 6, from

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>Slipjoint</u>	<u>ARMCO</u>	<u>209</u>	<u>Guide</u>				<u>Surface</u>
<u>5-1/2"</u>	<u>14</u>	<u>ST</u>	<u>National</u>	<u>38%</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>219</u>	<u>160 sacks</u>	<u>Halliburton No. 1 Plug</u>		
<u>5-1/2"</u>	<u>3816</u>	<u>160 sacks</u>	<u>Halliburton No. 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 0 feet to 3820 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feetCompleted as Shut-in Tapacito-Pictured Cliffs

Field Development Gas Well -

August 7, 1958

Put to producing Shut-in for pipeline connection

August 7, 1958

Preliminary test 7025 MCFM Pitot Tube Measurement barrels of fluid of which% was oil;%

emulsion;% water; and% sediment.

Gravity, °Bé.

If gas well, cu. ft. per 24 hours 7,025,000

Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1050(Shut-in casing pressure 12 days.)

EMPLOYEES

E. E. Estes DrillerR. D. Davis DrillerJ. D. Coleman DrillerF. J. Buck Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>3488</u>	<u>3488</u>	<u>Undifferentiated sands and shale</u>
<u>3488</u>	<u>3734</u>	<u>246</u>	<u>Kirtland-Fruitland</u>
<u>3734</u>	<u>3769</u>	<u>35</u>	<u>Pictured Cliffs sand</u>
<u>3769</u>	<u>3820</u>	<u>51</u>	<u>Louis shale</u>

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares. The lines are thin and black, set against a white background. There are no markings or text on the page.

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTINUED

1502 JOURNAL OF CLIMATE

The information given hereafter is a complete and correct record of the work and all work done thereon as far as can be determined from all available records.

Signed _____

Location _____ of _____ and _____ ft. _____ of _____ ft. _____ Elevation _____ Well No. _____ Sec. _____ R. _____ T. _____

Owner or Trust _____

Company _____

[illegible][illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, 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 of bridges were put in to test for water, state kind of material used, position, and results of pumping or testing of shots.

HISTORY OF OIL OR GAS WELL

10-5008-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]