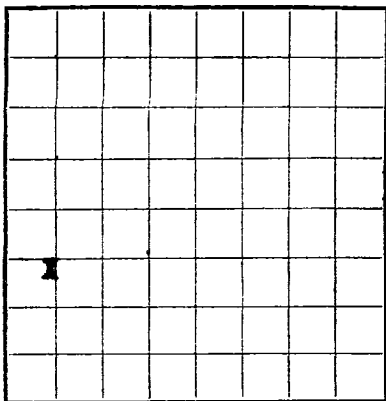
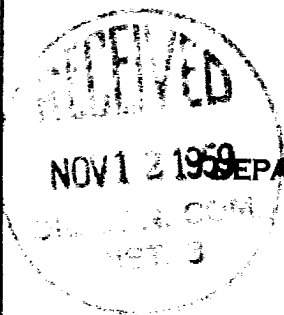


U. S. LAND OFFICE **Navajo Tribal**SERIAL NUMBER **14-20-603-2029**

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 **Box 457, Farmington, New Mexico**
Lessor or Tract **South Chimney Rock Navajo** Field **Wildcat** State **New Mexico**
Well No. **2** Sec. **10** T. **30N** R. **24W** Meridian **N.M.P.M.** County **San Juan**
Location **1980** ft. [N.] of **3** Line and **660** ft. [E.] of **W** Line of **Section 10** Elevation **5214** (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 **R. M. Bauer, Jr.** ORIGINAL SIGNED BY

Date **November 10, 1959** Title **Area Engineer**

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

Commenced drilling **October 22, 1959** Finished drilling **October 26, 1959**
OIL OR GAS SANDS OR ZONES
(Denote by type) - **None**

No. 1, from **1980** to **1980** No. 4, from **1980** to **1980**
No. 2, from **1980** to **1980** No. 5, from **1980** to **1980**
No. 3, from **1980** to **1980** No. 6, from **1980** to **1980**
IMPORTANT WATER SANDS
No. 1, from **1980** to **1980** No. 3, from **1980** to **1980**
No. 2, from **1980** to **1980** No. 4, from **1980** to **1980**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7 1/2	46	22 sacks of cement	Pan American Pump		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7 1/2	46	22 sacks of cement	Pan American Pump		

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 **725** feet, and from _____ feet to _____ feet

DATES

As a result of not encountering oil or gas in commercial quantities well was plugged & abandoned on **October 30, 1959**. Put to producing **Plugged & abandoned**, 19____
The production for the first 24 hours was _____ barrels of fluid of which **October 30** % was oil; **59** %
emulsion; _____ % water; and _____ % sediment. **none** 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. _____

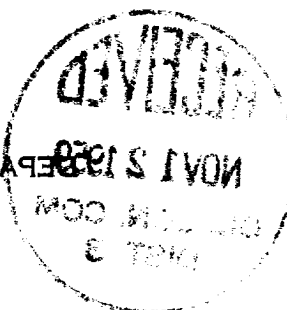
EMPLOYEES

_____, Driller _____, Driller
Fletcher B. Young, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	46	46	Surface sand & shale.
46	679	633	Mancos shale.
679	725	46	Gallup sand & shale.
			(Tops from sample log)
			No electric log run.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible]

LOCATE WELL CORRECTLY

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 _____

R. M. Bauer Jr.

ORIGINAL SIGNED BY _____

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.

(N. of _____ ft. _____ Sec. _____ T. _____ R. _____ Meridian _____)

Location - 1980 _____ N. of _____ ft. _____ Sec. _____ T. _____ R. _____ Meridian _____

_____ County _____ State _____

Address _____ Washington, New Mexico

Company _____

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, together with the reasons for the work and the results. If there were any changes made in the casing, state fully, and if any casing was attached or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and depth of shot. If pings or bridges were put in to test for water, state kind of material used, with kind of support or support for rods or shafts.

South Chicago Rock Haven's Hall No. 2. The casing was landed at 461, with 22 rods of cement. Cement and casing were landed at 150 pounds air pressure. After waiting an hour, tested casing with 150 pounds air pressure. For 15 minutes, which held with no indication of pressure drop. Reduced hole to 64 1/4" at 75, and resumed drilling operations.

No. 3 from

HISTORY OF OIL OR GAS WELL

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7 1/2"	15'	25 sacks of cement	For American mud		

PLUGS AND ADAPTERS

[illegible]

TOOLS USED

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

DATE

If gas well, cu. ft. per 24 hours emulsion; and % water; and % sediment.	Put to producing _____ barrels of fluid of which _____ % was oil; _____ Gravity, °Bé. _____ Gallons gasoline per 1,000 cu. ft. of gas. _____
result of not emulsifying oil or gas commercial quantities will be The production for the _____ _____ in _____, 19____.	Put to producing _____ barrels of fluid of which _____ % was oil; _____ Gravity, °Bé. _____ Gallons gasoline per 1,000 cu. ft. of gas. _____

EMPLOYEES

[illegible]

FORMATION RECORD

FORMATION	TOTAL FEET	TO—	FROM—
Gravel and sand.	40	10	0
Gravel and sand.	33	67	10
Gravel and sand.	40	72	67
(Total from sample log)			
No electric log run.			
FORMATION	TOTAL FEET	TO—	FROM—