

A 10x10 grid with an 'X' in the center. The 'X' is located at the intersection of the 5th column and the 5th row, counting from the top-left corner.

RECEIVED
DEC 24 1958
OIL COM. COM.
DIST. 3

U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **NM 04443**
LEASE OR PERMIT TO PROSPECT _____

U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address Box 437, Farmington, New Mexico
 Lessor or Tract O. J. Hoover "B" Field Horseshoe-Callup State New Mexico
 Well No. 2-X Sec. 11 T 30N R. 16W Meridian N.M.P.M. County San Juan
 Location 2090 ft. (N) of N. Line and 2190 ft. (E) of W. Line of Section 11 Elevation 5497

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 December 18, 1958 Title Field Engineer
The summary on this page is for the condition of the well at above date.

Commenced drilling November 18, 1958 Finished drilling November 28, 1958

OIL OR GAS SANDS OR ZONES

No. 1, from 1776 to 1818 No. 4, from _____ to _____
No. 2, from 1890 to 1918 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

Size casting	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	22.7	Slip Joint Armo		204	Guide				Surface
4-1/2"	9.3	SPT	National	1961	Guide				Oil String
			HITROKA OF OIL OF CYR AEL						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	214	160 sacks cement	Halliburton No. 1 Plug		
4-1/2"	1980	170 sacks cement	Halliburton No. 2 Plug		

PLUGS AND ADAPTERS

Heaving plug—Material	Length	Depth set
Adapters—Material	Size	

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 1982 feet, and from _____ feet to _____ feet.

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

DATES

Completed as pumping oil well
Horseshoe-Gallup Field, 19____
December 11, 19____
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil;
emulsion; _____% water; and _____% sediment. Gravity °Bé. _____
Pumping _____ strokes per minute with 1-1/2" pump _____ Gals. gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

George L. Hollowell	, Driller	A. Y. Eld	, Driller
C. W. Flemmons	, Driller	V. C. Sartor	, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	460	460	Surface sands and shales.
460	1545	1085	Mancos shale.
1545	1773	228	Verde Gallup sands & shales.
1773	1889	116	Verde Gallup pay sand and shales.
1889	1982	93	Horseshoe Gallup pay sand and shales.
			(From E log measurements.)

(OVER)

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