

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

428 1959

REVIEW 2

Company **Pan American Petroleum Corporation** Address **Box 487, Farmington, New Mexico**
 Lessor or Tract **O. J. Hoover MBE** Field **Horseshoe-Gallup** State **New Mexico**
 Well No. **4** Sec. **11** T. **30N** R. **16W** Meridian **N.M.P.M.** County **San Juan**
 Location **2310 ft. [N] of N. Line and 925 ft. [E] of W. Line of Section 11** Elevation **5501**
(Spot Elevation 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.

so far as can be determined from an available records.

Signed _____ ORIGINAL SIGNED BY _____
Date January 27, 1959 Title R. M. Bauer, Jr.
Field Engineer

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

Commenced drilling December 11, 1958 Finished drilling December 19, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1792 to 1818 No. 4, from _____ to _____
No. 2, from 1684 to 1720 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	201	160 sacks cement	B. J. Service No. 1 plug		
4-1/2"	1863	170 sacks cement	Halliburton No. 2 plug		

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 1885 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		DATES	
Horseshoe Gallup Field	19.....	Put to production	Date first new oil to tanks: 19.....
January 22	59	January 20	59
Potential test 59 barrels oil per day	59	The production for the first 24 hours was	barrels of fluid of which % was oil; %
emulsion; % water; and % sediment.		Gravity, °Bé.	99.8
	.2		40.6
Gas oil ratio not yet available		Gallons gasoline per 1,000 cu. ft. of gas	
Rock pressure, lbs. per sq. in.			

EMPLOYEES

....., Driller	, Driller
A. Y. Old	F. J. Beck
....., Driller	, Driller
V. C. Sartor	C. W. Flemmons

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	370	370	Surface sand & shales.
370	1535	1165	Mancos shale.
1535	1680	145	Verde Gallup sands & shale.
1680	1790	110	Verde Gallup pay sand & shale.
1790	1885	95	Horseshoe Gallup pay sands & shale. (Tops from E log)

[OVER]

16-43094-4

