

A 10x10 grid with a small black mark in the center. The mark is located at the intersection of the 5th column and the 5th row, forming a small cross-like shape.

LOCATE WELL CORRECTLY

U. S. LAND OFFICE New Mexico
SERIAL NUMBER NE. 04463
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

Company ~~San American Petroleum Corporation~~ Address ~~Box 450, Farmington, New Mexico~~
Lessor or Tract ~~C. J. Glover #1~~ Field ~~Horsehoe Gulch~~ State ~~New Mexico~~
Well No. ~~4~~ Sec. ~~15~~ T. ~~30-N~~ R. ~~16-E~~ Meridian ~~N. 10. 34. W.~~ County ~~San Juan~~
Location ~~1980~~ ft. ~~N~~ of ~~N~~ Line and ~~2070~~ ft. ~~W~~ of ~~2~~ Line of ~~Section 15~~ Elevation ~~5442~~ (SDE)
(Derrick base 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
E. M. Bager, Jr.

Date June 17, 1960 Title area engineer

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

Commenced*drilling ~~11-14~~ 14, 19 ~~40~~ Finished drilling ~~11-22~~ 22, 19 ~~60~~

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1718 to 1768 No. 4, from _____ to _____

No. 2, from 1781 to 1787

No. 3, 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"	94'	80 sacks of cement	Halliburton 1 plug		
5-1/2"	1867'	130 sacks of cement	Halliburton 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 1870 feet, and from _____ feet to _____ feet.

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

Completed as pumping oil well Horsehoe ~~DATES~~ up Date first new oil produced

Field June 16, 1960. Potential test
pumped 21 barrels oil, 19-----

The production for the first 24 hours was 21 barrels of fluid of which 86.8% was oil; ----- %

emulsion: % water: and 2 % sediment. Gravity, °Bé. 1.020

Gas oil ratio-not yet available. Gallons gasoline per 1,000 cu. ft. of gas

Boil pressure, lbs. per sq. in. _____

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	360	360	Surface sands and shales, including Joint lockout.
360	1475	1115	Pancos shale.
1475	1670	195	Gallup sands and shales.
1670	1700	110	Upper Gallup pay sands and shales.
1700	1870	90	Lower Gallup pay sands and shales.
			(Top from S. Log,

[OVER]

