

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **SF-080844**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Pan American Petroleum Corporation Address Box 480, Farmington, New Mexico
Lessor or Tract T. L. Rhodes Field Simpson Gallup State New Mexico
Well No. 1 Sec. 30 T. 28N R. 11W Meridian N.M.P.M. County San Juan
Location 2000 ft. S of N Line and 1900 ft. E of W Line of Section 30 Elevation 5950'
(Depth, 800' 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 _____

WITNESSED BY
J. B. BOWEN

Date July 1, 1963 Title Petroleum Engineer

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

Commenced drilling May 2, 1963 Finished drilling May 16, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5788'** to **5796'** No. 4, from _____ to _____
 No. 2, from **5815'** to **5819'** 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 casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
3-5/8" 24#		5RT	J-55	207'	Guide				Surfline
4-1/2" 24#		5RT	J-55	5901'	Guide				Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	217'	130	B.J./Plug		
4-1/2"	5876'	350	Halliburton/2 Stage		

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 5878 feet, and from _____ feet to _____ feet

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

DATES

Completed
June 30 _____, 19 **63**

DATES
Put to producing **June 30** _____, 19**63**

The production for the first 24 hours was 29.93 barrels of fluid of which 99.6 % was oil; ----- % emulsion; ----- % water; and .4 % sediment. Gravity, °Bé. 39.3°

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ----- **80**

EMPLOYEES

Jim Bacon, Driller **Jim Speaker**, Driller
Earl Babcock, Driller **Jim Babcock**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	217'	217'	Surface sands and shales.
217'	645'	428'	Animas Sands and shales.
645'	715'	70'	Ojo Alamo sand.
715'	1780'	1065'	Kirtland-Fruitland sands, shales and coals.
1780'	1980'	200'	Pictured Cliffs sands and shales.
1980'	3535'	1555'	Lewis shales and sands.
3535'	4500'	965'	Mesaverde sands and shales.
4500'	5405'	905'	Mancos shale.
5405'	5788'	383'	Gallup sands and shales.
5788'	5878'	90'	Gallup pay sands and shales.

