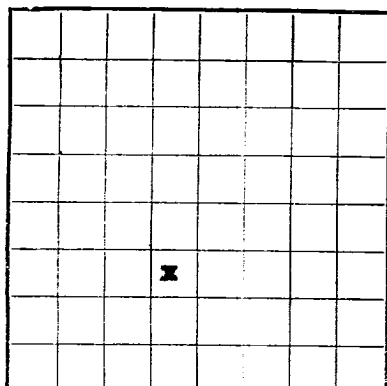
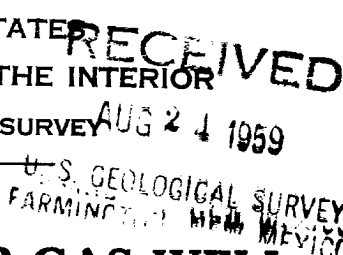




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE New Mexico
SERIAL NUMBER NM 04419
LEASE OR PERMIT TO PROSPECT _____

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address Box 427, Farmington, New MexicoLessor or Tract J. M. Aidlin "D" Field Horseshoe Gallup State New MexicoWell No. 1 Sec. 10 T. 30N R. 16W Meridian M.M.P.M. County San JuanLocation 1970 ft. ^(N.)_(S.) of 3 Line and 2210 ft. ^(E.)_(W.) of 4 Line of Section 10 Elevation 5503 (RMB)
(Derrick floor 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

Date August 17, 1959 Title R. M. Bauer, Jr.
Area Engineer

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

Commenced drilling August 17, 1959 Finished drilling August 23, 19592554 OF 2554 FEET WITH 1300 OR GAS SANDS OR ZONES
2554 OF 2554 FEET WITH 1300 OR GAS SANDS OR ZONESNo. 1, from 1596 to 1628 No. 4, from _____ to _____No. 2, from 1628 to 1656 No. 5, from _____ to _____No. 3, from 1656 to 1684 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 1596 to 1628 No. 3, from 1656 to 1684No. 2, from 1628 to 1656 No. 4, from 1684 to 1712

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From—	To—	Purpose
5-1/2"	11	8RT	National 1787	Galva					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"	215	160 sacks cement	Haliburton 1 plug		
5-1/2"	1745	190 sacks cement	Haliburton 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 _____ feet to _____ 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 Date first new oil produced: _____Field August 17, 1959 Put to producing _____Potential test showed 12 barrels oil per day _____ barrels of fluid of which _____ % was oil; _____ %emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 79

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

Morris Brown, Driller W. F. McKee, DrillerA. Y. Old, Driller Coy Flemmon, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	215	215	Surface sand & shale.
215	315	100	Cliffhouse sand & shale.
315	1560	1245	Mamees shale & sand.
1560	1596	36	Gallup sand & shale.
1596	1628	32	Gallup pay sand.
1628	1780	152	Gallup shale.
			(Tops from E log)

