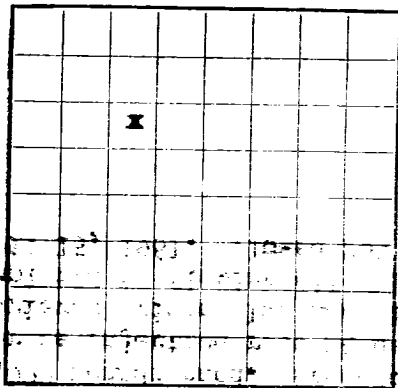




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LEASE OR PERMIT TO PROSPECT

C. J. Holder

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company San American Petroleum Corporation Address Box 480, Farmington, New MexicoLessor or Tract C. J. Holder Field Cha Cha Gallup State New MexicoWell No. 7 Sec. 16 T. 28N R. 13W Meridian N.M.P.M. County San JuanLocation 1830 ft. S. of N. Line and 1930 ft. E. of W. Line of Section 16 Elevation 6290 (RDB)
(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 R. M. Bauer, Jr.Date April 18, 1961Title Senior Petroleum Engineer

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

Commenced drilling March 16, 19 61 Finished drilling March 30, 19 61

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5726 to 5738 No. 4, from _____ to _____No. 2, from 5782 to 5800 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	20	SRT	X-52	194	Guide				Surface
4-1/2"	9.5	SRT	J-55	5905	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"	208	135 sacks of cement	Halliburton 1 plug.		
4-1/2"	5884	290 sacks of cement	Halliburton 3 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 flowing oil well Cha Cha Gallup Date first new oil produced. _____
Field April 15, 19 61 Put to producing _____, 19 61The production for the first 24 hours was _____ barrels of fluid of which 99.8% was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____If gas well, cu. ft. per 24 hours Potential test on 4/64" choke Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller Jim Babcock _____, Driller Earl Babcock_____, Driller Jim Speaker _____, Driller Sam Kinney

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	388	388	Surface sands and shales including Ojo Alamo sands and shales.
388	1702	1314	Undifferentiated Kirtland, Farmington and Fruitland sands, shales, and coals.
1702	1885	183	Pictured cliffs sands and shales.
1885	2630	745	Lewis sands and shales.
2630	2670	40	Cliffhouse sands.
2670	4200	1530	Manefee sands and shales.
4200	4465	265	Point lookout sands and shales.
4465	5370	905	Mancos shales and coals.
5370	5726	356	Gallup sands and shales.
5726	5886	160	Gallup pay sands.
			(Tops from E log)

