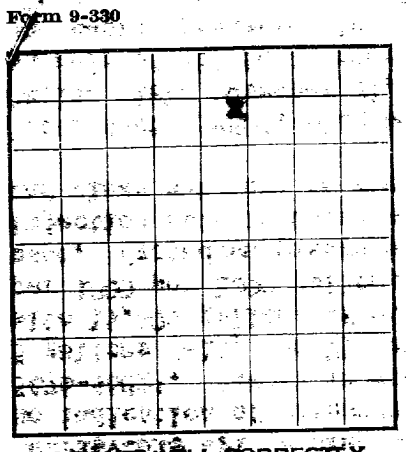
Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF-077966
LEASE OR PERMIT TO PROSPECT

RECEIVED
DEC 1 1961
OIL CON. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company The American Petroleum Corporation Address P. O. Box 480, Farmington, New Mexico
Lessor or Tract Gallegos Canyon Unit Field Cha Cha Gallup State New Mexico
Well No. 115 Sec. 23 T. 28N R. 13W Meridian N.M.P.M. County San Juan
Location 810 ft. [N.] of S. Line and 2130 ft. [E.] of W. Line of Section 23 Elevation 6005' (K.B.)
(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.

ORIGINAL SIGNED
Signed R. M. Bauer, Jr.
Title Senior Petroleum Engineer

Date November 29, 1961

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

Commenced drilling October 30, 1961 Finished drilling November 10, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5676 to 5692 No. 4, from ..... to .....
No. 2, from 5750 to 5790 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 From—	Perforated To—	Purpose
8-5/8"	32.75	8	Armco	210'	Guide				Surface
4-1/2"	9.5 & 11.6	STRC	CF&I	5844'	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"	210'	160	Halliburton 1 plug		
4-1/2"	5844'	350	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 5850 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 field November 21, 1961 First new oil Put to producing November 19, 1961

The production for the first 24 hours was 310 barrels of fluid of which 99.9 % was oil; ..... % emulsion; ..... % water; and .1 % sediment. Gravity, °Bé. 43.5° API

If gas well, cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....
Rock pressure, lbs. per sq. in. .....

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1670	1670	Undifferentiated surface sand and shale.
1670	1820	150	Pictured Cliffs sand and shale.
1820	2585	765	Lewis shale.
2585	4409	1824	Mesaverde sand, shale, and coal.
4409	5319	910	Mancos shale.
5319	5644	325	Gallup sand and shale.
5644	5850	206	Gallup pay sand and shale.

(Tops from "B" log)

FOLD | MARK

FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD