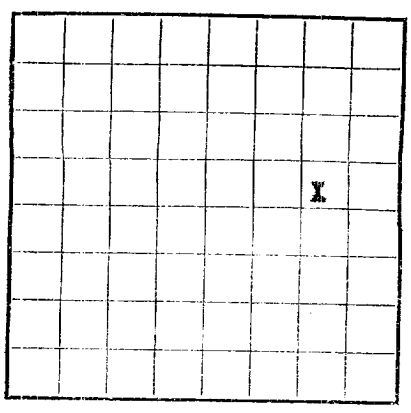
Form 9-330

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



LOCATE WELL CORRECTLY

RECEIVED
AUG 2
OIL CON.
DIST. 3

U. S. LAND OFFICE
SERIAL NUMBER I-149-IND-8470
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address P.O. Box 480, Farmington, New Mexico
Lessor or Tract Vallegos Canyon Unit Field Cha Cha Gallup State New Mexico
Well No. 132 Sec. 30 T. 28N R. 13W Meridian N.M.P.M. County San Juan
Location 2040 ft. [N.] of N Line and 750 ft. [W.] of E Line of Section 30 Elevation 5714 (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 [illegible]

Date July 31, 1963 Title Petroleum Engineer

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

Commenced drilling July 3, 1963 Finished drilling July 18, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5369 to 5377 No. 4, from to
No. 2, from to 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"	24#	8RT	J-55	202	Guide				Surface
4-1/2"	10.5#	8Rt	J-55	5450	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"	212	150	DJ-1 Plug		
4-1/2"	5450	350	DJ-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 5452 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

May 26, 1963 Put to producing Completed as flowing Cha Cha Gallup Well May 26, 1963

The production for the first 24 hours was 232 barrels of fluid of which 99.6 % was oil; % emulsion; % water; and .4 % sediment. Gravity, °Bé. 40.9

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

Rock pressure, lbs. per sq. in. 360 (CAF)

EMPLOYEES

Ira Ellis, Driller Jim Speaker, Driller
Earl Babcock, Driller Jim Babcock, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	212	212	Surface Casing
212	1386	1174	Kirtland-Fruitland sand and shale
1386	1580	194	Pictured Cliffs sand and shale
1580	2300	720	Lewis shale
2300	4130	1830	Mesaverde sand and shale
4130	5018	888	Mancos shale
5018	5369	351	Gallup sand
5369	5377	8	Gallup Pay
5377	5382	5	Gallup sand
5382	5452	70	Mancos shale

(OVER)

16—43094-4

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

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