Form 9-330

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF-078926
LEASE OR PERMIT TO PROSPECT

RECEIVED JUN 8 1962 OIL CON. COM. DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address P. O. Box 480, Farmington, New Mexico
Lessor or Tract Gallegos Canyon Unit Field Totah Gallup State New Mexico
Well No. 117 Sec. 35 T. 29-N R. 13-W Meridian N.M.P.M. County San Juan
Location 810 ft. {N. / S.} of N Line and 665 ft. {E. / W.} of W Line of Section 35 Elevation 5855 (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 June 6, 1962 Title Petroleum Engineer

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

Commenced drilling November 13, 1961 Finished drilling November 24, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5646 to 5717 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	22.7#	8 R	Armco	346	Guide				Surface
4-1/2	9.5#	8 RT	G F & I	5833	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"	355	165	Halliburton 1 Plug		
4-1/2"	5804	350	Halliburton 1 Plug		

FOLD MARK

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 5814 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

Completed as Totah Gallup Field Well May 31, 1962 Put to producing May 31, 1962

The production for the first 24 hours was 4 barrels of fluid of which 99.8 % was oil; % emulsion; % water; and .2 % sediment. Gravity, °Bé. 41.7°

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

Rock pressure, lbs. per sq. in. Pumping

EMPLOYEES

C. B. Sandefer, Driller B. W. Farris, Driller
J. Smith, Driller P. Estes, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	355	355	Surface Sand & Shale
355	1,315	960	Kirtland-Farmington Sand & Shale
1,315	1,665	350	Fruitland Sand, Shale, & Coal.
1,665	1,800	135	Pictured Cliffs Sand
1,800	2,595	795	Lewis Shale
2,595	4,404	1,809	Mesaverde Sands, Shale, & Coals
4,404	5,326	922	Mancos Shale
5,326	5,646	320	Gallup Sands & Shales
5,646	5,717	71	Gallup Pay Sand
5,717	5,814	97	Gallup Shale

(OVER)

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.

RECEIVED