



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

Pan American Petroleum Corporation **State Holder Oil Unit**
(Company or Operator) (Lease)

Well No. 1, in NW $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 16, T. 20N, R. 13W, NMPM.
Cha Cha Gallup Pool, **San Juan** County.

Well is 1980 feet from South line and 1980 feet from East line
of Section 16. If State Land the Oil and Gas Lease No. is State of New Mexico OG - 215

Drilling Commenced January 20, 1961 Drilling was Completed February 7, 1961

Name of Drilling Contractor Brinkerhoff Drilling Company

Address 870 Denver Club Building, Denver, Colorado.

Elevation above sea level at Top of Tubing Head 6093 (RDS). The information given is to be kept confidential until
(Not Confidential), 1961.

OIL SANDS OR ZONES

No. 1, from 5722 to 5739 No. 4, from _____ to _____
No. 2, from 5778 to 5800 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.
No. 2, from _____ to _____ feet.
No. 3, from _____ to _____ feet.
No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8"	20	New	256	Guide			Surface
4-1/2"	9.5	New	5883	Guide			Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	265	275	Halliburton	1 plug.	
7-7/8"	4-1/2"	5860	200	Halliburton	2 plug.	

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Perforated lower Gallup with 4 shots per foot 5781-5796. Sandoil fracked with 26,250 gallons oil and 20,000 pounds sand. Perforated upper Gallup with 6 shots per foot 5726-5733. Sandoil fracked with 16,000 gallons oil and 15,100 pounds sand.

Result of Production Stimulation. Completed as flowing oil well Cha Cha Gallup Field February 20, 1961.
Potential Test, flowed 277 barrels of oil per day.

Depth Cleaned Out 5829

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 5864 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing February 17, 1961 (Date first new oil produced)
OIL WELL: The production during the first 24 hours was 207 barrels of liquid of which 99.5% was oil; % was emulsion; % water; and .5% was sediment. A.P.I.
Gravity 40.2° API
Flowing oil well.
GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.
Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy.			T. Devonian.		T. Ojo Alamo. 256
T. Salt.			T. Silurian.		T. Kirtland-Fruitland 400
B. Salt.			T. Montoya.		T. Farmington - -
T. Yates.			T. Simpson.		T. Pictured Cliffs. 1712
T. 7 Rivers.			T. McKee.		T. Menefee. 2679
T. Queen.			T. Ellenburger.		T. Point Lookout. 4202
T. Grayburg.			T. Gr. Wash.		T. Mancos. 4470
T. San Andres.			T. Granite.		T. Dakota - - -
T. Glorieta.			T.		T. Morrison - - -
T. Drinkard.			T.		T. Penn. - - -
T. Tubbs.			T.		T.
T. Abo.			T.		T.
T. Penn.			T.		T.
T. Miss.			T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	256	256	Surface sand and shale				
256	400	144	Ojo alamo sand and shale				
400	1712	1312	Kirtland-Fruitland sands, shales, and coals.				
1712	1896	184	Pictured cliffs sand and shale				
1896	2630	734	Lewis sand and shales				
2630	2674	44	Cliff house sand and shale				
2674	4202	1538	Menefee sand and shale				
4202	4470	268	Point lookout sand and shale				
4470	5370	900	Mancos sand and shale				
5370	5723	353	Gallup sand and shale				
5723	5864	141	Gallup sands				
Tops from Electric Log.							

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

February 22, 1961 (Date)
Company or Operator Pan American Petroleum Corporation Address Box 480, Farmington, New Mexico
Name R. M. Green, Jr. Position Title Senior Petroleum Engineer