

Santa Fe, New Mexico

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
(Company or Operator)

Jicarilla Gas Unit "B" (Lease)

Well No. 1, in SW $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 31, T. 26N, R. 5W, NMPM.

Basin Dakota - Otero Chacra Pool, Rio Arriba County.

Well is 1450 feet from North line and 1850 feet from EAST line

of Section.....31..... If State Land the Oil and Gas Lease No. is.....

Drilling Commenced.....April 18.....19 61.....Drilling was Completed.....May 4.....19 61

Name of Drilling Contractor.....**Brannon and Murray Drilling Company**.....

Address Box 672, Coleman, Texas

Elevation above sea level at Top of Tubing Head..... **6850** The information given is to be kept confidential until
Not Confidential 19

No. 1, from 6894 to 6903 No. 4, from _____ to _____

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from to No. 6, from to

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. COM.

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	536	Guide			Surface
5-1/2"	14# & 15#	New	7252	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"	550	400	Halliburton 2 plug.		
7-7/8"	5-1/2"	7227	500	Halliburton 2 plug.		

RECORD OF PRODUCTION AND STIMULATION

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

Perforate Dakota zone 6894'-6903' with 6 shots per foot. Fracked these perforations with 33,000 gallons water containing 5 pounds of WG-4 per 1000 gallons, 1 percent Calcium Chloride and 30,000 pounds sand. Pressures were - Breakdown 1100 psi, maximum 2700, minimum 2300, average 2400, average injection rate 31 barrels per minute. Set magnesium Bridge plug at 6785'. Perforated Chaera zone 3573'-3577', 3589'-3593' with 6 shots per foot. Fracked these perforations with 28,500 gallons water containing 1 percent Calcium Chloride and 30,000 pounds sand. Pressures were - Breakdown 900-750, maximum 1750, minimum 1550, average 1600. Average Result of Production Stimulation injection rate 41.2 barrels per minute. Set production packer at 6850'. Landed Dakota tubing at 6863'. Landed Chaera tubing at 3592'. Completed as Dual Basin Dakota and Otero Chaera field Development well.

..Depth Cleaned Out...7188!

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 7229 feet, and from feet to feet.
 Cable tools were used from feet to feet, and from feet to feet.

Completed as shut in Basin Dakota and
 Otero Chacra dual well.

PRODUCTION

Put to Producing May 29, 1961

OIL WELL: The production during the first 24 hours was barrels of liquid of which % was
 was oil; % was emulsion; % water; and % was sediment. A.P.I.

Gravity: Dakota 952 Trace

GAS WELL: The production during the first 24 hours was Chacra 1454 M.C.F. plus None barrels of
 liquid Hydrocarbon. Shut in Pressure 1600 SITP 1025 SITP lbs.

Length of Time Shut in 69 hours

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
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates	T. Simpson	T. Pictured Cliffs 2676
T. 7 Rivers	T. McKee	T. Menefee 4540
T. Queen	T. Ellenburger	T. Point Lookout 4885
T. Grayburg	T. Gr. Wash	T. Mancos 5075
T. San Andres	T. Granite	T. Dakota 7022
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	2676	2676	Surface sands and shales, and coals.				
2676	2755		Pictured Cliffs sand.				
2755	3566		Upper Lewis shale.				
3566	3690		Chacra sand.				
3690	4363		Lower Lewis shale.				
4363	5075		Mesaverde sand and shales.				
5075	5885		Mancos shale.				
5885	6390		Gallup sands and shales.				
6390	6725		Sanastee sands and shales.				
6725	6890		Greenhorn sands and shales.				
6890	7022		Graneros sands and shales.				
7022	7229		Dakota sands and shales.				
				(Tops from "E" 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.

Farmington, New Mexico June 16, 1961

Company or Operator Pan American Petroleum Corporation Address Box 480
 ORIGINAL SIGNED BY
 Name R. M. Bauer, Jr. Position Title Senior Petroleum Engineer