

Santa Fe, New Mexico

WELL RECORD

**AREA 640 ACRES
LOCATE WELL CORRECTLY**

Pan American Petroleum Corporation
(Company or Operator)

Mason Gas Unit
(Lease)

Well No. 1, in NE $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 28, T. 29N, R. 11W, NMPM.
Basin Dakota Pool, San Juan County.

Well is 1130 feet from North line and 820 feet from East line
of Section 28. If State Land the Oil and Gas Lease No. is

Drilling Commenced.....April 2....., 1963..... Drilling was Completed.....April 18....., 1963.....

Name of Drilling Contractor.....Brinkerhoff Drilling Company

Address 870 Denver Club Building, Denver, Colorado

Elevation above sea level at Top of Tubing Head.....5411 (GL)..... The information given is to be kept confidential until
.....Not Confidential....., 19.....

No. 1, from 6023 to 6033 G No. 4, from _____ to _____
No. 2, from 6044 to 6054 G No. 5, from _____ to _____
No. 3, from 6110 to 6125 G 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.

No. 3, from.....to.....feet.

No. 4, from.....to.....feet.

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8"	24#	NEW	360	Guide			Surface
4-1/2"	10.5#	NEW	6213	Guide			Oil String

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"	368	200	B.J. 1 Plug		
7-7/8"	4-1/2"	6281	850	HOMCO 2 Stage		

RECEIVED
 MAY 23 1963
 U.S. GEN. CON.

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

Perforated main Dakota with 4 shots per foot 6110-6125. Sand water fracked these perforations with 34,000 gallons of water containing 1% calcium chloride and 7 lbs. J-98 per 1000 gallons and 32,000 lbs. of sand. Pressures were: Breakdown 1700, Average treating 3150, Average injection rate 38 barrels per minute. Set bridge plug at 6085'. Perforated Graneros zone with 2 shots per foot 6044-54, 6023-33. Sand water fracked these perforations with 41,000 gallons water containing 1% calcium chloride, 7 lbs. J-98 per 1000 gallons and 40,000 lbs. sand. Pressures were: Breakdown 1750, Average treating 2850, Average Depth Cleaned Out 6148' injection rate 35 barrels per minute. Cleaned up well. Completed as shut in gas well Basin Dakota Field May 10, 1963. Result of Production Simulation. Initial test 5100 MCF per day.

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 6188 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

Completed as Shut in Gas Well

PRODUCTION

Put to Producing May 10, 1963

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

GAS WELL: The production during the first 24 hours was 5100 M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure 2065 lbs.
Length of Time Shut in 42 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. 1572
T. 7 Rivers.	T. McKee.	T. Menefee.
T. Queen.	T. Ellenburger.	T. Point Lookout.
T. Grayburg.	T. Gr. Wash.	T. Mancos. 4120
T. San Andres.	T. Granite.	T. Dakota. 6019
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	360	360	Surface Casing				
360	425	65	Ojo Alamo				
425	1572	1147	Kirtland-Fruitland Sn & Sh				
1572	1650	78	Pictured Cliffs Sn				
1650	3140	1490	Lewis Sh				
3140	4120	980	Mesaverde Sn & Sh				
4120	5162	1042	Mancos Sh				
5162	5498	336	Greenhorn Sh				
5498	5914	416	Mancos Sh				
5914	5980	66	Greenhorn Sh				
5980	6019	39	Graneros Sh				
6019	6188	169	Dakota Sn & Sh				

STATE OF NEW MEXICO	
OIL COMMISSION	
WELL NO. 1572	
NUMBER OF SEPARATE TESTS 1	
DATE	1/2
TIME	2
TEST NO.	1
TRANSFER	1
PRELIMINARY	1
OPERATOR	1

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 May 22, 1963 (Date)

Company or Operator Pan American Petroleum Corporation Address P. O. Box 480, Farmington, New Mexico

Name E. H. HICKS Position or Title Petroleum Engineer