

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

AREA 640 ACRES  
LOCATE WELL CORRECTLY

PAN AMERICAN PETROLEUM CORPORATION (Company or Operator)      Marathon Gas Unit (Lease)

Well No. 1, in SE ¼ of NW ¼, of Sec. 15, T. 29N, R. 12W, NMPM.

Basin Dakota Pool, San Juan County.

Well is 1850 feet from North line and 1850 feet from West line of Section 15. If State Land the Oil and Gas Lease No. is \_\_\_\_\_

Drilling Commenced July 9, 1963 Drilling was Completed July 19, 1963.

Name of Drilling Contractor Brinkerhoff Drilling Company

Address 870 Denver Club Building, Denver, Colorado

Elevation above sea level at Top of Tubing Head 5585. The information given is to be kept confidential until Not Confidential, 19\_\_\_\_.

OIL SANDS OR ZONES

No. 1, from 6075 to 6087 (G)      No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from 6156 to 6170 (G)      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"	24#	New	350	Guide			Surface
4-1/2"	10.5#	New	6268	Guide			Oil String

MUDDING AND CEMENTING RECORD

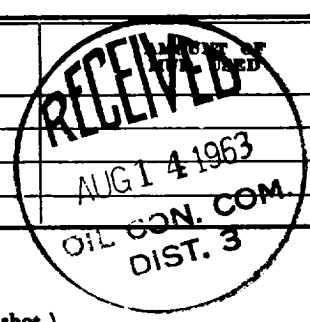
SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	358	200	BJ-1 Plug		
7-7/8"	4-1/2"	6236	690	Dowell-2 Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Tested 4-1/2" casing with 3000 psi. Test ok. Perforated 6154-6170 with 2 shots per foot. Sand water fracked these perforations with 40,000 gallons water containing 1% calcium chloride, 2-1/2 pounds FR-2 per 1000 gallons and 40,000 pounds sand. Pressures were: Breakdown 1100, Maximum 3300, Minimum 2700, Average 2900, Average injection rate 33 barrels per minute. Set bridge plug at 6110 and tested 4-1/2" casing with 3000 psi. Test ok. Perforated 6075-6087 with 4 shots per foot. Sand water fracked these perforations with 34,770 gallons water containing 2-1/2 pounds FR-2 per 1000 gallons, 1% calcium chloride and 28,500 pounds sand. Pressures were: Breakdown 1200, treating 1500-3000, Average treating 3000, Average injection rate 26 barrels per minute.

Tubing landed at 6137'. Potential test 4116 MCF per day. Completed as shut in Basin Dakota Field Development gas well.      Depth Cleaned Out 6178'



# 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 6240 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 August 4, 1963

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.

GAS WELL: The production during the first 24 hours was 4116 M.C.F. plus barrels of  
liquid Hydrocarbon. Shut in Pressure 1980 lbs. (TPG)

Length of Time Shut in 24 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 1610
T. 7 Rivers	T. McKee	T. Menefee
T. Queen	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos 4314
T. San Andres	T. Granite	T. Dakota 6074
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	358	358	Surface Casing				
358	1610	1252	Kirtland-Fruitland Sand and Shale				
1610	1775	165	Pictured Cliffs Sand and Shale				
1775	3190	1415	Lewis Shale				
3190	4314	1124	Mesaverde Sand and Shale				
4314	5230	916	Mancos Shale				
5230	5575	345	Gallup Sand and Shale				
5575	5968	393	Mancos Shale				
5968	6028	60	Greenhorn Shale				
6028	6074	46	Graneros Shale				
6074	6087	13	Graneros Dakota Pay Sand				
6087	6150	63	Dakota Sand and Shale				
6150	6174	24	Main Dakota Pay Sand				
6174	6240	66	Dakota Sand and Shale				

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 August 13, 1963

Company or Operator Pan American Petroleum Corporation Address Box 480, Farmington, New Mexico  
Name Position or Title Petroleum Engineer