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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)

Gallegos Canyon Unit
(Lease)

Well No. 107, in NW 1/4 of NW 1/4, of Sec. 19, T. 29N, R. 12W, NMPM.
Basin Dakota Pool, San Juan County.

Well is 820 feet from North line and 990 feet from West line
of Section 19. If State Land the Oil and Gas Lease No. is

Drilling Commenced August 25, 1961 Drilling was Completed September 4, 1961

Name of Drilling Contractor Brinkerhoff Drilling Company

Address 870 Denver Club Building, Denver 2, Colorado

Elevation above sea level at Top of Tubing Head 5437 (RDB) The information given is to be kept confidential until
Not confidential, 19

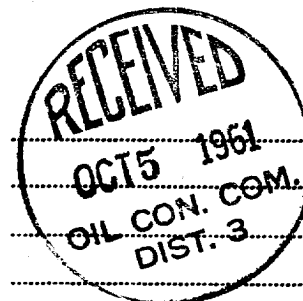
OIL SANDS OR ZONES

No. 1, from 5937 to 5940 No. 4, from to
No. 2, from 5946 to 5952 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"	22.7#	New	345'	Guide			Surface
4-1/2"	9.5#	New	6059'	Guide			Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	358'	280	Halliburton	1 Plug	
7-5/8"	4-1/2"	6044'	875	Halliburton	2 Plug	

RECORD OF PRODUCTION AND STIMULATION

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

Total depth 6044'. Plug back depth 6008'. Perforated with 6 shots per foot 5937-5940' and 5946-5952'. Sand water fracked with 40,000 gallons of water containing 1 percent Calcium Chloride and 7 pounds MG-4 per 1000 gallons and 40,000 pounds of sand. Breakdown pressure 2050 psi, and treating pressure 2350 psi. Average injection rate 33 barrels per minute. Landed 2-3/8" tubing at 5924.

Result of Production Stimulation Completed September 13, 1961 as shut-in Basin Dakota Field Gas Well. Preliminary test September 13, 1961, 22 hours shut-in tubing pressure and shut-in casing pressure 1950 psi, flowed 3 hours and gauged 3477 MCF per day with tubing pressure flowing 275 psi and casing pressure flowing 650 psi. Top pay Dakota Depth Cleaned Out 6008' 5928 Elevation ground level 5425'. Rotary drive busing 5437'.

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 6044 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Shut in waiting on pipeline connection
Put to Producing September 13, 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.

Preliminary test

GAS WELL: The production during the first 24 hours was 3477 M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure 1950 lbs. Potential test will be reported on Sundry
Notice when available.
Length of Time Shut in 22 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.	1280
T. 7 Rivers.	T. McKee.	T. Menefee.	3014
T. Queen.	T. Ellenburger.	T. Point Lookout.	3750
T. Grayburg.	T. Gr. Wash.	T. Mancos.	4078
T. San Andres.	T. Granite.	T. Dakota.	5918
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	1280	1280	Surface Sands and Shales.				
1280	1470	190	Pictured Cliffs Sands and Shales.				
1470	2881	1411	Lewis Shale.				
2881	3014	133	Cliffhouse Sands and Shales.				
3014	3750	736	Menefee Sands, Shales, and Coals.				
3750	4078	328	Point Lookout Sands and Shales.				
4078	4994	916	Mancos Shale.				
4994	5749	755	Gallup Sands and Shales.				
5749	5818	69	Greenhorn Shale.				
5818	5927	109	Graneros Sands and Shales.				
5927	6044	117	Dakota Pay Sands.				
			(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.

October 2, 1961

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