

Santa Fe, New Mexico

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WELL RECORD

						X	

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)

McDaniel Gas Unit "B"

Well No. 1, in SE $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 26, T. 29N, R. 10W, NMPM.
Basin Dakota Pool. San Juan County.

Well is 1850 feet from North line and 1190 feet from East line
of Section 26 If State Land the Oil and Gas Lease No. is _____

Drilling Commenced.....8-31....., 19 64. Drilling was Completed.....September 10....., 19 64.

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

Name of Dining Contractor.....
Address..... 870 Denver Club Building, Denver, Colorado

Elevation above sea level at Top of Tubing Head.....5550 (RDB)..... The information given is to be kept confidential until
Not Confidential..... 19.....

OIL SANDS OR ZONES

No. 1, from 6306 to 6345 (Gas) No. 4, from _____ to _____
 No. 2, from 6400 to 6455 (Gas) 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	891	Guide			Surface
4-1/2"	10.5#	New	6507	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"	895	700	Halliburton 1 Plug		RECEIVED
7-7/8"	4-1/2"	6472	1600	Halliburton 2 Stage		

RECORD OF PRODUCTION AND STIMULATION

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

Perforated Lower Dakota 6430-46 with 4 shots per foot. Fractured these perforations 30,480 gallons of water containing 0.8% potassium chloride, 2 pound FR-8 per 1000 gallons and 30,000 pounds sand. Breakdown pressure 2550 psi. Average treating 3350 psi. Average injection rate 42 BPM. Bridge Plug set at 6391 and tested with 3500 psi. Test ok. Perforated Graneros 6308-19, 6331-42 with 2 shots per foot. Fractured these perforations with 38,700 gallons water treated as above and 40,000 pounds sand. Breakdown pressure 1350 psi. Average treating 2910 psi. Average injection rate 51 BPM.

Result of Production Simulation..... 2-9/8" tubing set at 6305 and well completed September 23, 1964 as Basin Dakota Field Development Well. Preliminary test 6500 MCFD.

Depth Cleaned Out



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 6472 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing Shut In September 23, 1964

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 6500 M.C.F. plus 0 barrels of liquid Hydrocarbon. Shut in Pressure 2075 lbs.
Length of Time Shut in 19 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.....	
T. 7 Rivers.....	T. McKee.....	T. Menefee.....	
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....	
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	1860	1860	Surface Sand & Shale				
1860	1970	110	Pictured Cliffs				
1970	3675	1705	Lewis Shale				
3675	4460	785	Mesaverde				
4460	5360	900	Mancos				
5360	5675	315	Gallup				
5675	6128	453	Base Gallup				
6128	6190	62	Greenhorn				
6190	6230	40	Graneros Shale				
6230	6306	76	Graneros Dakota				
6306	6472	166	Main Dakota				

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 September 30, 1964 (Date)

Company or Operator PAN AMERICAN PETROLEUM CORPORATION Address Box 480, Farmington, New Mexico
Fred L. Menden District Engineer Position or Title
Name F. H. Hollingsworth