

1

A 10x10 grid with a small 'x' mark in the 4th column and 6th row.

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2

**AREA 640 ACRES
LOCATE WELL CORRECTLY**

(Company or Operator)

(Last)

County

1. Elevation above sea level at Top of Tubing Head 554.7 (RDB) The information given is to be kept confidential until Not Confidential 19

No. 1, from 6292 to 6373 (Gas) 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. _____

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	368	Guide			Surface
4-1/2"	10.5#	New	643	Guide			Oil String

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	RECEIVED MAR 10 1964 OIL CON. COM. DIST. 3
12-1/4"	8-5/8"	379	300	1 Plug		
7-7/8"	4-1/2"	6412	1700	2 Stage		

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

Perforated 6295-6306 and 6317-6331 with two shots per foot. Fractured these perforations with 41,700 gal. water containing 1% calcium chloride and 7 lbs. J-114 per 1000 gal. and 30,000 lbs. 20-40 sand and 10,000 lbs. 10-20 sand. Pressures were: Breakdown 1400; Maximum 3500; Minimum 3200; Average injection rate 35 BPM.

Result of Production Stimulation

Depth Cleaned Out **6955**

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 6412 feet, and from feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet, and from feet to feet.

PRODUCTION

Shut in February 28,

19 64

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 2100 M.C.F. plus barrels of

liquid Hydrocarbon. Shut in Pressure 1945 lbs. (CPG)

Length of Time Shut in 19-1/2 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	1865	1865	Sand and Shale				
1865	1910	45	Pictured Cliffs				
1910	3430	1520	Lewis Shale				
3430	4320	890	Mesaverde				
4320	5348	1028	Mancos Shale				
5348	5900	552	Gallup				
5900	6074	174	Base Gallup				
6074	6180	106	Greenhorn				
6180	6240	60	Grangeros Shale				
6240	6292	52	Grangeros Dakota				
6292	6373	81	Main Dakota				
6373	6412	39	Lower 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

March 9, 1964

Address Box 480, Farmington, New Mexico

Position or Title

Fred L. Nabors, Dist. Engr.

PAN AMERICAN PETROLEUM CORP.

NOT SIGNED BY F. M. HOLLINGSWORTH