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**AREA 040 ACRES
LOCATE WELL CORRECTLY**

Well No. 1, in NE $\frac{1}{4}$ of SW $\frac{1}{4}$, of Sec. 32, T. -31-N, R. -12-W, NMPM
Basin Dakota Pool, San Juan County

Well is 1700 feet from South line and 1450 feet from West line
of Section 32. If State Land the Oil and Gas Lease No. is E-8444

Drilling Commenced October 25, 1964 Drilling was Completed November 5, 1964

Name of Drilling Contractor Man Drilling Co.

Address 118 Lamar Street, Wichita Falls, Texas

2. Elevation above sea level at Top of Tubing Head _____ The information given is to be kept confidential until _____
Not Confidential 19

No. 1, from 6800 to 6858 (Gas) No. 4, from _____ to _____
 No. 2, from 6858 to 6928 (Gas) 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	364	Guide			Surface
4-1/2"	10.5#	New	7001	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"	364	225	Halliburton 1 Plug		
7-7/8"	4-1/2"	7001	1250	Halliburton 2 Stage		

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)
Perforated Main Dakota 6874 to 6885 with 2 shots per foot, 6902-6906 with 4 shots per foot, 6914 to 6922 with 2 shots per foot. Fracked these perforations with 39,674 gallons water containing 1% calcium chloride and 7 pounds J-2 per 1000 gallons, 30,000 pounds sand followed by 6000 pounds HCF-2 Resin and walnut shells containing 1/2 gallon Amoco Surfactant per 1000 gallons. Breakdown pressure 1700 psi; average treating pressure 3500 psi; average injection rate 30.5 BPM. Bridge plug set at 6860 and tested with 3500 psi. Test OK. Perforated Graneros 6818-6826 with 2 shots per foot. Well communicated, did not fracture. Drilled out bridge plug and cleaned well up.

Result of Production Stimulation 2-3/8" tubing landed at 6821' and well completed 12-15-64 as Basin Dakota Field Development Well. Preliminary test 1200 MCFD.

Depth Cleaned Out 696 3

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 7001 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 December 15, 1964

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 1200 M.C.F. plus barrels of

liquid Hydrocarbon. Shut in Pressure 1700 lbs.

Length of Time Shut in 45 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. Gloria	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	2320	2320	Surface Sand and Shale				
2320	2440	120	Pictured Cliffs				
2440	3960	1520	Lords Shale				
3960	4950	990	Mesa Verde				
4950	5940	990	Karnes				
5940	6198	258	Gallup				
6198	6658	460	Base Gallup				
6658	6746	88	Greenhorn				
6746	6800	54	Graneros Shale				
6800	6858	58	Graneros Dakota				
6858	7001	143	Kaln 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.

Company of **PAN AMERICAN PETROLEUM CORP.**
Address **Nebraska, District of Nebraska**
Name **F. H. HOLLINGSWORTH**
ORIGINAL SIGNED BY

Position or Title
Address **P. O. Box 460, Farmington, New Mexico**
Date **12-31-64**
Farmington, New Mexico