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[illegible]

**AREA 040 ACRES
LOCATE WELL CORRECTLY.**

(Company or Operator)

(Law)

Basin Dakota

Pool

San Juan

County.

of Section 8 If State Land the Oil and Gas Lease No. is _____

Name of Drilling Contractor Brinkerhoff Drilling Corporation

Address 870 Denver Club Bldg., Denver, Colorado

Elevation above sea level at Top of Tubing Head.....5661 (RDB)..... The information given is to be kept confidential until
Not Confidential.....19.....

OIL SANDS OR ZONES

No. 2. from 6372 to 6480 (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 SINE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8"	24#	New	360	Guide			Surface
4-1/2"	10.5#	New	6519	Guide			Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHEEL SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	369	250	Halliburton 1 Plug		
7-7/8"	4-1/2"	6487	1600	Halliburton 2 Stage		

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RECORD OF PRODUCTION AND STIMULATION

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

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Perforated Lower Dakota 6463-73 with 4 shots per foot. Fractured these perforations with 21,346 gallons water containing 0.8% potassium chloride, 2 pounds J-100 per 1000 gallons and 19,500 pounds sand. No breakdown pressure. Average treating pressure 3500 psi, average injection rate 31 BPM. Bridge plug set at 6450 and tested with 3500 psi. Test OK. Perforated Main Dakota 6379-6405 with 2 shots per foot. Fractured these perforations with 42,000 gallons water treated as above and containing 35,000 pounds sand and 6,000 pounds HCF-2, 1/2 gallon Amoco Surfactant per 1000 gallons. Breakdown pressure 3300 psi, average treating pressure 3300, average injection rate 43.5 BPM. Bridge plug set at 6370 and tested with 3500 psi. Test OK. Perforated Graneros 6291-6306 with 4 shots per foot. Attempted to fracture but sanded off with 4000 pounds 20-40 sand in formation and 10,080 gallons water treated as above. No breakdown pressure. Average treating pressure 3500 psi, average injection rate 27 BPM. Drilled out bridge plugs and cleaned well up. 2-3/8" tubing landed at 6263 and well completed November 29, 1964 as Basin Dakota Field Development Well. Preliminary test 6100 MCFD.

Depth Cleaned Out 6480

Depth Cleared Out 6480

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

PRODUCTION

Shut In November 29
Put to Producing _____, 19 _____

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 _____ M.C.F. plus _____ barrels of

Liquid Hydrocarbon. Shut in Pressure _____ lbs.

Length of Time Shut in _____ 21 Hours

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico
Northwestern New Mexico

T. Any.	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. Cloneta	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	1820	1820	Surface Sand and Shale				
1820	1955	135	Pictured Cliffs				
1955	3410	1455	Lewis Shale				
3410	4480	1070	Mesa Verde				
4480	5436	956	Mancos				
5436	5748	312	Gallup				
5748	6182	434	Base Gallup				
6182	6242	60	Greenhorn				
6242	6288	46	Grangeres Shale				
6288	6372	84	Grangeres Dakota				
6372	6487	115	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 December 9, 1964

Address P. O. Box 480, Farmington, New Mexico

Company or Operator PAN AMERICAN PETROLEUM CORP.
Fred L. Nabors, District Engineer

Name _____
Special Signed By _____
H. HOLLINGSWORTH

Position or Title _____