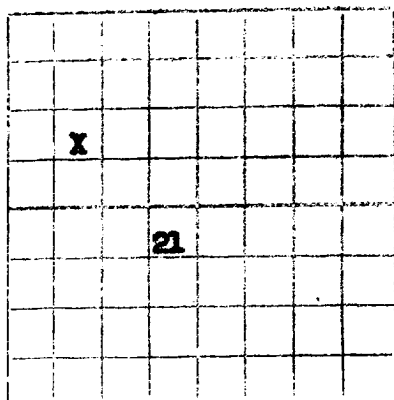




AREA 360 ACRES
 LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form O-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPPLICATE. If State Land submit 5 Copies

Tennessee Gas Transmission Company
 (Company or Operator)

Bernard R. Gerard Unit "A"
 (Lessee)

Well No. 1, in SW $\frac{1}{4}$ of NW $\frac{1}{4}$, of Sec. 21, T. 29N, R. 13W,
West Dakota Hct. Pool, San Juan County.

Well is 1750 feet from North line and 890 feet from West line
 of Section 21. If State Land the Oil and Gas Lease No. is _____

Drilling Commenced 9 - 26, 1960. Drilling was Completed 10 - 12, 1960.

Name of Drilling Contractor Great Western Drilling Company

Address Farmington, New Mexico

Elevation above sea level at Top of ground level 5252. The information given is to be kept confidential until _____, 19____.

GAS OR SANDS OR ZONES

No. 1, from 5604 to 5644 No. 4, from _____ to _____
 No. 2, from 5700 to 5720 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 None 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
<u>9 5/8</u>	<u>40#</u>	<u>Used</u>	<u>170'</u>	<u>Guide</u>	<u>--</u>	<u>--</u>	<u>Surface</u>
<u>4 1/2</u>	<u>9.5#</u>	<u>New</u>	<u>5815'</u>	<u>Float</u>	<u>--</u>	<u>5604 - 5720</u>	<u>Production</u>

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	
<u>12 1/4"</u>	<u>9 5/8</u>	<u>182'</u>	<u>135</u>	<u>Two Plug</u>	<u>--</u>	
<u>8 3/4"</u>	<u>4 1/2</u>	<u>5826'</u>	<u>375</u>	<u>Two Plug</u>	<u>--</u>	

RECORD OF PRODUCTION AND STIMULATION

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

Perforated 5604-44; and 5700-20 with 4 shots per foot. Sand water frac as

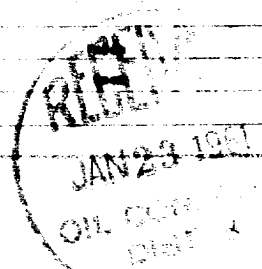
Follows: 75,453 gallons gelled water with 1 1/2 CaCl₂ and 100,000# 20/40 sand.

Reperf 5705-5711. Additional sand water frac with 3500 gallons water and 5000# 20/40 sand.

Result of Production Stimulation Well flowed 2176 MCFPD with 3/4" choke on 3 hour test.

Calculated AOF 2281 MCFPD. Currently shut in waiting on pipeline connections.

Depth Cleaned Out _____



I ORD OF DRILL-STEM AND SPECIAL TES

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 5848 feet, and from -- feet to -- feet.
Cable tools were used from -- feet to -- feet, and from -- feet to -- feet.

PRODUCTION

Put to Producing December 22, 19 60 Potential test date.

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. (Calculated from 3 hr test)

GAS WELL: The production during the first 24 hours was 2176 M.C.F. plus 30 barrels of liquid Hydrocarbon. Shut in Pressure 1750 lbs.
Length of Time Shut in 48 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.	240
B. Salt.	T. Montoya.	T. Farmington.	505
T. Yates.	T. Simpson.	T. Pictured Cliffs.	990
T. 7 Rivers.	T. McKee.	T. Menefee.	2710
T. Queen.	T. Ellenburger.	T. Point Lookout.	3070
T. Grayburg.	T. Gr. Wash.	T. Mancos.	3820
T. San Andres.	T. Granite.	T. Dakota.	5605
T. Glorieta.	T.	T. Morrison.	5795
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	398	398	Shale & sand stringer				
398	998	600	Brown shale				
998	1168	170	Sandstone				
1168	1988	820	Black shale				
1988	3788	1800	Sand & shale				
3788	4713	925	Black shale				
4713	5103	390	Silty sand & shale				
5103	5608	505	Shales				
5608	5848	240	Sandstones & shale				

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.

January 18, 1961

Company or Operator Tennessee Gas Transmission
Name L. B. Plumb

Address P. O. Box 1714, Durango, Colorado
Position or Title District Production Superintendent