



AREA 640 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 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

Tennessee Gas Transmission Company
(Company or Operator)

State-Monsanto
(Lease)

Well No. 4, in SE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Sec. 16, T. 25-S, R. 32-E, NMPM.
Undesignated Pool, Lea County.
 Well is 660 feet from south line and 1980 feet from west line
 of Section 16. If State Land the Oil and Gas Lease No. is E-0789-1
 Drilling Commenced November 29, 1960. Drilling was Completed December 8, 1960.
 Name of Drilling Contractor Laughlin & Porter Drilling Company
 Address Midland, Texas
 Elevation above sea level at Top of Tubing Head 3425. The information given is to be kept confidential until
 _____, 19____.

OIL SANDS OR ZONES

No. 1, from 4588 to 4680 No. 4, from _____ to _____
 No. 2, from _____ to _____ 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	360	Guide Shoe			Surface
5 1/2"	14#	New	4715	Guide Shoe & Float Collar		4673-78 4621-25 4629-33	Production

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	360	240	Pump & plug	Fresh water	
7 7/8"	5 1/2	4715	150	Pump & plug	10.1	

RECORD OF PRODUCTION AND STIMULATION

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

Acidized perfs 4673-78 w/1500 gals mud acid. Set ret. Bridge plug at 4660 and
acidized perfs 4621-25 and 4629-33 w/500 gals. mud acid.
 Result of Production Stimulation After second acidizing, swab potentialed well.
 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 4715 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing December 19, 1960
OIL WELL: The production during the first 24 hours was 147 barrels of liquid of which 27% was oil; 0% was emulsion; 73% water; and 0% 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

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

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy.	695		T. Devonian.		T. Ojo Alamo.
T. Salt.	1093		T. Silurian.		T. Kirtland-Fruitland.
B. Salt.	4313		T. Montoya.		T. Farmington.
T. Permian Permian	4540		T. Simpson.		T. Pictured Cliffs.
T. Permian Permian	4568		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	9	9'	KB to QL				
9	695	686'	Unconsolidated sand & shale				
695	1093	398	Anhydrite w/shale stringers				
1093	4313	3220	Salt w/shale stringers				
4313	4540	227	Anhydrite				
4540	4568	28	Line & Shale				
4568	4715	147	Sand & 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.

December 22, 1960 (Date)
Company or Operator Tennessee Gas Transmission Co. Address P. O. Box 307, Hobbs, New Mexico
Name A. W. Lang Position or Title District Production Superintendent