

Santa Fe, New Mexico

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

SAN JUAN GAS CORPORATION

(Company of Operator)

(Last)

Well No. 4-D, in NE $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 4, T. 25N, R. 2W, NMPM.

W.C.

Pool.....Rio Arriba.....

...County.

Well is 1570 feet from South line and 1025 feet from East line

of Section 4 If State Land the Oil and Gas Lease No. is.....

Drilling Commenced 9/7/57, 19 57 Drilling was Completed 9/16/57, 19 57

Name of Drilling Contractor.....**Rio Arriba Drilling Company**.....

Address 300 Shell Building, Tulsa, Oklahoma

Elevation above sea level at Top of Tubing Head.....**7580**..... The information given is to be kept confidential until
September 30..... 19**57**.....

No. 1, from 3830 to 3890 No. 4, from _____ to _____

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

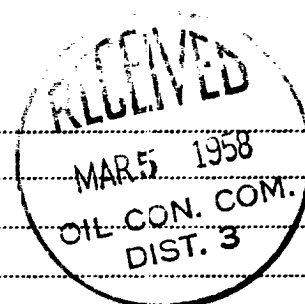
Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 0 to 650 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 |
|---------------|------------------------|--------------------|---------------|---------------------|----------------------------|---------------------|-------------------|
| 10 3/4 | 32 | New | 70' | --- | | | Surface |
| 5 1/2 | 14 | New | 3875 | Howco | | (3836-3851) | Production |
| | | | | | | (3860-3866) | |
| | | | | | | (3869-3884) | |

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|---------------|-------------|--------------------|
| 13 1/4 | 10 3/4 | 80' | 50 | Howco | | |
| 7 7/8 | 5 1/2 | 3885 | 150 | Howco 2 plug. | | |

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

Fracture treated 3836-3834 with 60,000# 20-40 sand and 63,000 gallons water. Initial breakdown 2400 psi. Frac press 1400 to 2500 psi. Used 60 rubber balls.

Result of Production Stimulation.....

...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 3925 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing, 19

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.

GAS WELL: The production during the first 24 hours was 695 M.C.F. plus 0 barrels of liquid Hydrocarbon. Shut in Pressure 974 psig lbs.

Length of Time Shut in 15 days

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 | 650 | 65 | Sand and brkn sand E shale | 2680 | 3060 | 380 | Shale |
| 650 | 790 | 140 | Shale | 3060 | 3210 | 150 | Sand and shale |
| 790 | 860 | 70 | Sand and shale | 3210 | 3320 | 110 | Shale |
| 860 | 970 | 110 | Shale | 3320 | 3340 | 20 | Sand |
| 970 | 1100 | 130 | Sand | 3340 | 3370 | 30 | Shale |
| 1100 | 1190 | 90 | Shale | 3370 | 3540 | 170 | Sand and shale |
| 1190 | 1350 | 60 | Sand | 3540 | 3690 | 150 | Sand |
| 1350 | 1390 | 40 | Shale | 3690 | 3808 | 118 | Shale, sand and coal |
| 1390 | 1910 | 520 | Sand | 3808 | 3925 | 117 | Sand and broken sand and shale |
| 1910 | 2150 | 240 | Sand and shale | OIL CONSERVATION COMMISSION | | | |
| 2150 | 2520 | 370 | Sand | AZTEC DISTRICT OFFICE | | | |
| 2520 | 2590 | 70 | Shale | No. Copies Received 5 | | | |
| 2590 | 2680 | 90 | Sand | DISTRIBUTION | | | |
| | | | | Operator 1 | | | |
| | | | | Inspector 1 | | | |
| | | | | Production Office | | | |
| | | | | Oil and Gas Office | | | |
| | | | | Geology Office | | | |
| | | | | Transporter 2 | | | |

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 or Operator SAN JUAN GAS CORPORATION Address 300 Shell Building, Tulsa, Oklahoma
Name Robert C. Larson Position or Title Vice-President