

WORKED OVER WELL NOTICE

Form 23-202 (8-60)

The attached Initial Potential Test was made on this well after workover. This test signifies the completion of the workover, and the well is now ready for reconnection and production into the gathering system.

H. L. Kendrick

Sr. Gas Engineer



EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE August 18, 1965

Operator El Paso Natural Gas Company		Lease Gordon No. 4. (OWWO)	
Location 1650'N, 990'E, Sec. 22, T-27-N, R-10-W		County San Juan	State New Mexico
Permeation Pictured Cliffs		Pool Fulcher-Kutz	
Casing: Diameter 2.875	Set At: Feet 2158	Tubing: Diameter No Tubing	Set At: Feet
Pay Zone: From 2104	To 2128	Total Depth: 2161	Shut In 8-10-65
Stimulation Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches 0.750	Choke Constant: C 12.365		Tubingless Completion	
Shut-In Pressure, Casing, PSIG 394	+ 12 = PSIA 406	Days Shut-In 8	Shut-In Pressure, Tubing No Tubing	PSIG + 12 = PSIA
Flowing Pressure: P 91	PSIG + 12 = PSIA 103		Working Pressure: Pw Calc.	PSIG + 12 = PSIA 123
Temperature: T = 64 °F	F _t = .9962	n = .85	Fpv (From Tables) 1.007	Gravity .642 F _g = .9682

$$\text{CHOKE VOLUME} = Q = C \times P_i \times F_t \times F_g \times F_{pv}$$

$$Q = (12.365) (103) (.9962) (.9682) (1.007) = \underline{1,237} \text{ MCF/D}$$

$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$Aof = \left(\frac{164,836}{149,707} \right)^n = (1,237) (1.1010)^{.85} = (1,237) (1.0852)$$

NOTE: Well produced dry gas throughout the test.

$$Aof = \underline{1,342} \text{ MCF/D}$$

TESTED BY H. E. McAnallyCHECKED BY: W. D. Dawson,
~~W. D. Dawson~~

Lewis D. Galloway
Lewis D. Galloway

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

It is necessary that Form C-104 be approved before this form can be approved an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Company or Operator El Paso Natural Gas Company Lease Gordon

Address Box 997, Farmington, New Mexico El Paso, Texas
(Local or Field Office) (Principal Place of Business)

Unit H, Well(s) No. 4, Sec. 22, T. 27 N, R. 10 W, Pool Fulcher - Elys

County San Juan Kind of Lease: Federal

If Oil well Location of Tanks None

Authorized Transporter El Paso Natural Gas Company Address of Transporter
Farmington, New Mexico El Paso, Texas
(Local or Field Office) (Principal Place of Business)

Per cent of Oil or Natural Gas to be Transported 100 Other Transporters authorized to transport Oil or Natural Gas from this unit are

REASON FOR FILING: (Please check proper box)

NEW WELL ☐ CHANGE IN OWNERSHIP ☒

CHANGE IN TRANSPORTER ☐ OTHER (Explain under Remarks) ☐

REMARKS:

This well was originally drilled by J. Glenn Turner as the Gordon # 2, and has been purchased by El Paso Natural Gas Company, and the name changed as indicated above.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 14th day of January 19 54

Approved 1-15-, 19 54

OIL CONSERVATION COMMISSION

By _____

Title _____

El Paso Natural Gas Company

By S. Schuler

Title Petroleum Engineer

(See Instructions on Reverse Side)

INSTRUCTIONS

This form shall be executed and filed in QUADRUPLICATE with the District Office of the Oil Conservation Commission, covering each unit from which oil or gas is produced. A separate certificate shall be filed for each transporter authorized to transport oil or gas from a unit. After said certificate has been approved by the Oil Conservation Commission, one copy shall be forwarded to the transporter, one copy returned to the producer, and two copies retained by the Oil Conservation Commission.

A new certificate shall be filed to cover each change in operating ownership and each change in the transporter, except that in the case of a temporary change in the transporter involving less than the allowable production for one proration period, the operator shall in lieu of filing a new certificate notify the Oil Conservation Commission District Office, and the transporter authorized by certificate on file with the Commission, by letter of the estimated amount of oil or gas to be moved by the transporter temporarily moving oil or gas from the unit and the name of such temporary transporter and a copy of such notice shall also be furnished such temporary transporter. Such temporary transporter shall not move any more oil or gas than the estimated amount shown in said notice.

This certificate when properly executed and approved by the Oil Conservation Commission shall constitute a permit for pipe line connection and authorization to transport oil and gas from the property named therein and shall remain in full force and effect until

- (a) Operating ownership changes
- (a) The transporter is changed or
- (c) The permit is cancelled by the Commission.

If any of the rules and regulations of the Oil Conservation Commission have not been complied with at the same time this report is filed, explain fully under the heading "REMARKS."

In all cases where this certificate is filed to cover a change in operating ownership or a change in the transporter designated to move oil or gas, show under "REMARKS" the previous owner or operator and the transporter previously authorized to transport oil or gas.

A separate report shall be filed to cover each producing unit as designated by the Oil Conservation Commission.

OIL CONSERVATION COMMISSION		
ARTEC DISTRICT OFFICE		
No. Copies Received 4		
DISTRIBUTION		
	NO. FURNISHED	
Operator	1	
Santa Fe	1	
Proration Office		
State Land Office		
U. S. G. S.		
Transporter	1	
File	1	✓