NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

Form C-110 Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Paul Case	Lease Lechner
Well No Unit Letter F S 30 T 291	R 10W Pool Astee - Fruitland
County San Juan Kind of Lease (Sta	ate, Fed. or Patented) Patented
If well produces oil or condensate, give location	
Authorized Transporter of Oil or Condensate	
Address (Give address to which approved cop	y of this form is to be sent)
(Give address to which approved cop	P. 1/2 twel C== 6
Authorized Transporter of Gas E/	150 /Vd/4/2/ (0d5 4)
Address (Give address to which approved cop	y of this form is to be sent)
If Gas is not being sold, give reasons and also ex	xplain its present disposition:
Reasons for Filing:(Please check proper box)	New Well ()
Change in Transporter of (Check One): Oil ()	Ory Gas () C'head () Condensate (
Change in Transporter of Check One). Off ()	Siy dab () o near () o near ()
Change in Coperator (II)	Other()
Remarks:	(Give explanation below)
Elvis Roberts previous operator	GET FIVED
WIATP WART OF Previous observer	Kroning
	FEB 1 6 1959
	OIL CON. COM.
	OIL DIST. 3
The undersigned certifies that the Rules and Reg	gulations of the Oil Conservation Com-
mission have been complied with.	
	PD 2
Executed this the 11th day of February 19	n - 1 //
	By S.A. Aluga
FEB 1 6 1959	-, -, -, -, -, -, -, -, -, -, -, -, -, -
Approved 19	Title Consulting Engineer
ON CONCERNATION COMMISSION	Company Bull 6
OIL CONSERVATION COMMISSION	Company Paul Cage
By Original Signed Emery C. Arnold	1007 N. Dustin Address Farmington, New Mexico
Title Supervisor Dist. 4.5	

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

No. Copies Received

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RATISHED

Operator

Santa Fe

Proration Office

State Land Office

U. S. G. S.

Transporter

Form C-122

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MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised 12-1-55

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INSTRUCTIONS

This form is to be used for reporting multi-point back pressure tests on gas wells in the State, except those on which special orders are applicable. Three copies of this form and the back pressure curve shall be filed with the Commission at Box 871, Santa Fe.

The log log paper used for plotting the back pressure curve shall be of at least three inch cycles.

NOMENCLATURE

- Q I Actual rate of flow at end of flow period at W. H. working pressure ($P_{\rm W}$). MCF/da. @ 15.025 psia and 60° F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- PwT Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia
- Pt Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- Pf Meter pressure, psia.
- $h_{\mbox{\scriptsize W}}\mbox{\footnotesize I}$ Differential meter pressure, inches water.
- F_g : Gravity correction factor.
- F_t Flowing temperature correction factor.
- F_{pv} Supercompressability factor.
- n I Slope of back pressure curve.

Note: If $P_{\rm W}$ cannot be taken because of manner of completion or condition of well, then $P_{\rm W}$ must be calculated by adding the pressure drop due to friction within the flow string to $P_{\rm t}$.

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