NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

(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 Pan American Petrele	un Corporation Lease Houck Gas Unit
Well No. 1 Unit Letter 55 5 7	29M R 9W Pool Blanco Pictured Cliffs
and the same	
If well produces oil or condensate, give loca	tion of tanks; Unit S T R
Authorized Transporter of Oil or Condensate	e
Address	
	copy of this form is to be sent)
Authorized Transporter of Gas II. Pase I	latural Gas Compeny
Address Box 997, Farmington, New Hexical Give address to which approved	Date Connected
If Gas is not being sold, give reasons and al	
Reasons for Filing: (Please check proper box	
Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate ()
Change in Ownership () Other County
Remarks:	Give explanation pelovi
Well dually completed in Blanco Pictured	NOV1 3 1959 OIL CON. COM. DIST. 3
The undersigned certifies that the Rules and mission have been complied with.	Regulations of the Oil Conservation Com-
Executed this the 11th day of Kovenber	19 59 Original Signed By
	By G. E. HAMILTON
JAN 4 1960 Approved19	Title Area Clerk
OIL CONSERVATION COMMISSION	Company Pan American Petroleum Corporation
By Original Signed Emery C. Arnold	Address Bex 487
Title Supervisor Dist. # 3	Farmington, New Mexico

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MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

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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_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.
- hw Differential meter pressure, inches water.
- $F_g = Gravity$ correction factor.
- Ft Flowing temperature correction factor.
- F_{pv} Supercompressability factor.
- n I Slope of back pressure curve.

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

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