NEW MEXICO OIL CONSERVATION COMMISSION

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1 File

INITIAL POTENTIAL

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pressure Provided Pressure	Pool South Blance					Formation Pictured Cliffs			liffs	County Ric Arriba			
Unit J Sec. 8 Twp. 268 Rge. 5W Purchaser Casing 5½* Mt. 146 I.D. 5.012* Set at 3583* Perf. 3492* To 3551* Tubing 1½* Mt. 2.47 I.D. 1.768* Set at 3492* Perf. To Gas Pay: From 3692* To 3551* L 3459 xi 0.68 est. II. Bar. Press. 11.4(table) Producing Thru: Casing Tubing X Type Well Sizels - cas Single-bradenhead-G. G. or G.O. Dual Bate of Completion: 6-15-59 Packer Fees Rese Reservoir Temp. 115*7. OBSERVID DATA Tested Through (Prover) (Choke) (Meter) Type Taps No. (Line) (Orifice) Press. Diff. Temp. Press. Temp. Press. Temp. of Flow Size Psig hy Op. psig Op.	Initi	al x _		Annu	al		Spec	ial		_Date of	Test_6	-25-59	
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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 = Actual rate of flow at end of flow period at W. H. working pressure ($P_{\rm W}$). MCF/da. @ 15.025 psia and 600 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.
- $h_{\mbox{\scriptsize W}}^-$ Differential meter pressure, inches water.
- Fg Gravity correction factor,
- F_t Flowing temperature correction factor.
- F_{DV} 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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