NEW MEXICO OIL CONSERVATION COMMISSION

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omp	any Gulf	011 C		ion		Lease I	T. Matt		We	11 No	5
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ate	of Comple	tion:_	5	9-56	Packe	r <u>3655</u>		Reservo	oir Temp.		
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5.						Factor		Factor	Facto	1	Q-MCFPD
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ELVIS ROUTER flow - 21g hr petential is 262 HEF on seme slope,

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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_W). MCF/da. @ 15.025 psia and 60° F.
- P_C= 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- P_W⁻ 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_w Differential meter pressure, inches water.
- FgI Gravity correction factor.
- F_t Flowing temperature correction factor.

F_{DV}- Supercompressability factor.

n _ Slope of back pressure curve.

Note: If P_W cannot be taken because of manner of completion or condition of well, then P_W must be calculated by adding the pressure drop due to friction within the flow string to P_t . Gulf Oil Corporation H. T. Mattern "B" No. 5 O-Sec. 30-21S-37E, Lea Co. Eumont Pool May 13-14, 1957 AP 399 NCF. Slope N = 1.00 (Identical) 21g hr Pot = 282 MCF



MCF Per Day

63 Stor 7 - 198 - 199 NE 1. 189 - 19 1.575-786 Half Oll Corporation H. 1. Mattern MMP No. 5 O-Sec. 30-213-371, Dec Co. Etmont Pool Nay 13-14, 1957 AF 399 N.F. Slope N = 1.00 (Limited) 21g hr Pot = 282 MCF



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