NEW MEXICO OIL CONSERVATION COMMISSION

MULTI-POINT, BACK PRESSURE TEST FOR GAS WELLS Revised 12-1						· · · · · · · · · · · · · · · · · · ·						Form C-
Special Date of Test Sec. Tompany Sinchair Oil & One Company Lease State 1978 Well No. 2	Da - 1	0.9.		M	ULTI-	POINT,	BACK PRE	SSURE TES	ST FOR GA	s weiliks /	 ? ? ¢	Revised 12-1-
Ompany Sincelair Oil & One Company Lease State 1978 Well No. 2												<u> </u>
Page												
Asing 7 Wt. 24 I.D. 6.336 Set at 3730 Perf. To abing 2-1/2 Wt. 6.5 I.D. 2.441 Set at 3601 Perf. To as Pay: From 3559 To 3638 I.3601 xG.470 _GL 2413 Bar.Press. 13.2 Perfouncing Thru: Casing Tubing 1 Type Well Single Single-Bradenhead-G. G. or G.O. Dual Reservoir Temp. 108 Type Taps COSERVED DATA COSERVED CASH COSERVED TROP. From Press. Temp. Data COSERVED CASH COSERVED TROP. From Press. Temp. Data COSERVED TROP. COSERV												
Description												
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Tubing Thru: Casing Tubing Single-Bradenhead-G, G, or G.O. Dual Single-Bradenhead-G, G, or G.O. Dual Reservoir Temp. Completion: 13-24-55	as Pa	ay: From	3539	To 36	38	_L_ 36 (91	cG670		413	Bar.Pr	ess. 13.2
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Choke Chok	ate c	of Complet	ion• 1	2-24-55		Pack	er 3473	Sin	gle-Brade	enhead-G.	G. or (G.O. Dual
Place Prover Choke Meter Tubing Data Casing Da									ROSCI VC	or remp.		
Flow Data Tubing Data Casing Data		_						ED DATA				
Crover Choke Corfice Press Diff Temp. Press Temp. Press Temp. Duration of Flow	ested	i Through				(Meter)			Type Tap	os	/////////////////////////////////////
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FLOW CALCULATIONS Coefficient		4		0 5	55	22,56					Ţ	24
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Coefficient							FT.OW CAT	.CIIT.A TTON.	S			
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PRESSURE CALCULATIONS Liquid Hydrocarbon Ratio cf/bbl. Specific Gravity Separator Gas of Specific Gravity Flowing Fluid Pc 750.2 p2 562. Pw Pt (psia) Pt FcQ (FcQ)2 (FcQ)2 (FcQ)2 Pw Pt (psia) Pt	+			•	1 -		L		- g			L
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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 (Pw). MCF/da. @ 15.025 psia and 60° F.
- Pc 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- Pw Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia
- P_t 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.
- Ft Flowing temperature correction factor.
- Fpv 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_{+} .