NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

	MULTI-	-POINT BACK PRESS	URE TEST FOR GA	S WELLS	Revised 12-1-5
Pool	Fo	rmation	errerde	_County See 3	van.
Initial	Annual			· —	
	DEPROCESS COST.				
Unit	Sec. 10 Twp. 201	Rge . 100	Purchaser	El Pago Matamak	One Company
casing_	it. 10.5	Set atS	Perf	1.60 To	5390
	NtI.D				
	4748_To_5353			• · · · · · · · · · · · · · · · · · · ·	
	Casing		Туре We	ell_ Single	
	ion:11-97-63		Single, Dwade	ambond (I of a	G.O. Dual
		OBSERVED	DATA		
Tested Through	(Choke)	Occupie	÷	Type Taps	

Flow Data					Tubing Data		Casing Data			
No.	(Prover) (Line)	(Choke) (Orifice)	Press.	Diff.	Temp.	Press.	Temp.	Press.	Temp.	Duration
	Size	Size	psig	h _w	o _F .	psig	°F.	psig	o _F .	of Flow Hr.
SI	2"	.750				914		91.4	94	
1.						104		869	-	
2.						361		653	1.	
-2•		 				376		844	94	
4.										
5.				1	1				T	

FLOW CALCULATIONS Coefficient Pressure Flow Temp. Gravity Rate of Flow Q-MCFPD Compress. No. Factor Factor Factor (24-Hour) $h_{\mathbf{W}}p_{\mathbf{f}}$ psia **6** 15.025 psia $F_{\mathbf{t}}$ Fg $\mathbf{F}_{\mathbf{pv}}$.9688 1.032 4317 388 11,9188

PRESSURE CALCULATIONS

Specific Gravity Separator Gas_•671

Specific Gravity Flowing Fluid
Pc Pc 857.476

cf/bbl.

__deg.

Gas Liquid Hydrocarbon Ratio

Gravity of Liquid Hydrocarbons

[1-e-s]

No.	P _w	Pt ²	F _c Q	(F _c Q) ²	$(\mathbf{F_{c}Q})^2$ $(1-e^{-s})$	P _w 2 856	P _c -P _w ²	Cal.	P _w P _c
\Box						732,736	124,740	W-	
2.									
3.									
4.									
5.									

4.				
5.				
Absolute Potential:	MCF MCF	PD; n		
COMPANY	19,316 MCF			
ADDRESS	Postaffice Post P. Artes. H	my Merrico	41111V	
AGENT and TITLE	Posteffice Rox P, Astec, B Dan S. Junieroca, Matrict	Manager 1964	KILDY	563
	Olen O. Medes		-011	- 1
COMPANI	Priso Petrolom Corp.	DEMA DICO	DECO	co.,)
		REMARKS		y garden
			e. A.	
				,‡

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 Tactual rate of flow at end of flow period at W. H. working pressure (Pw). MCF/da. @ 15.025 psia and 600 F.
- $P_c=72$ 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
- Pt Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- P_{f} Meter pressure, psia.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_t 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 $P_{\mathbf{L}}$.