MEXICO DIL	CONSERVATION	COMMISSION

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			MUL	TI-POINT	BACK PRE	CSSURE TE	ST FOR GA	S WELLS G		Form C- Revised 12-1
P00	1 Saurer S	m Andres		_Formatio	n San A	ndres		County_	Les	
ni	tial 🚨	An	nual		Spe	cial		Date of	Test	8-16-60
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	t									
	ing 7 5/8 V									
	ing <b>2 1/2*</b> V									
										ess13.9
	lucing Thru:									
ate	e of Complet	ion:_8-14	-60	Packe	er Ma	Sir	ngle-Brad Reserv	enhead-G. oir Temp.	G. or (	G.O. Dual
						VED DATA		<u>-</u>		
est	ed Through	(Prover)	(101000	) <b>jíře</b> beri				Type Ta	ns <del>Ver</del>	-
		Flow				Tubing	z Data	Casing		
, ]	(Prover) (Line)	(Choke) (Orifice)	Pres	s. Diff.	Temp.			Press.		Duration
	Size	Size	psi	g h <sub>w</sub>	° <sub>F</sub> .	psig	° <sub>F</sub> .	psig	°₽.	of Flow Hr.
4		11/20	84		- 29	1369	80	ļ		72
	2* C.F.P. #	# 1/4" I	164		63 51	1295	<b>79</b> <b>79</b>	+	+	
-	<u> </u>		10# 36#			1083	78			
			1.24		14	<u>988</u> 919	<u>73</u> 82		+	24
			<u>-</u> -		FLOW CAT	CULATION				
	Coeffici	ent		Pressure	Flow	Temp.	Gravity	Compre		Rate of Flow
	(24-Hou	r) $\sqrt{h}$	w <sup>p</sup> f	psia		tor t	Factor <sup>F</sup> g	Facto Fpv	1	Q-MCFPD @ 15.025 psia
	35.6738			21.2	0.9971		0.8660	1.00	2	653
+				29.2 11.2	1.0068		*			<u>908</u> 1290
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vi	iquid Hydrod ty of Liquid	l Hydrocarl	lo <u></u> ons <u></u>	<u> </u>	cf/bbl. deg.		Speci Speci	fic Gravi. fic Gravi	ty Flow	rator Gas ing Fluid
_	5.866		(l-e <sup>-s</sup>	.237		-	Pc_1	382.2	_P <sup>2</sup> <b>1</b>	10.5
Т	Pw			<u> </u>				·	<del></del>	
•		$P_t^2$ I	្ខ	$(F_cQ)^2$	(F	$(Q)^2$	P <sub>w</sub> 2	$P_c^2 - P_w^2$	Cal	1. P <sub>w</sub>
╞	Pt (psia)	1711.4 3	.830	74.660	(1 3.47	<u>-e )</u>	1714.8	195.7	P.	$\begin{array}{c c} P_{W} \\ P_{C} \\ \end{array}$
	1916.2	1474 3 5	16	18. 165	6.71	27	1481.0	13.5	1017	11.5
_	loci.e	1002 / 9	JT5	57.259	13.57		1021.9	070-3 888-8	1010.	
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	ute Potenti NY <b>Strett</b>		3 LS COM	PANY	MCFPD;	n7	47			
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	and TITLE	fin I.g	nca		e Analys	t - Bex	7 <b>24 - Sv</b>	etrater.	Texas	
(DA	.NY									

No Fluid produced during Bet -

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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<sub>c</sub>: 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- P<sub>w</sub>: 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.
- Fg Gravity correction factor.
- $F_t$  Flowing temperature correction factor.
- F<sub>pv</sub>- 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  $P_+$ .