MMOCC-3
Peppin-1
Truby-1
Fowler-1

Form C-122

		uby-l wler-				MULTI-	-POINT B	ACK PRE	SSURE TE	ST FOR GAS	S WELLS		Revised 12-1-55	
Pool	Pi.	le-1 Sou	th B	Lance	5	Fc	rmation	Pictur	ed Cliff	8	_County_	ian Jua	n	
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			_										ess	
)ate	of C	omple	etior	ı:_ 10	-11-	57	Packe	r No	Siı	ngle-Brade Reservo	enhead-G.	G. or	G.O. Dual	
									VED DATA					
'este	ed Th	rough	1 (1	<u>4646</u>	<u>(1)</u>	r.c. Choke)	(Meter)				Туре Тар	s		
				F1	ow Da	ata			Tubin	g Data	Casing D	ata	I	
No .		over) ine)	a (Chok	e) (d)	Press.	Diff.	Temp.	Press	Temp.		Temp.	Duration of Flow	
		ize		Siz	e	psig	h _w	°F•	psig	° _F .		°F∙	Hr.	
SI				37	4				875 131		877 748		SI 3 hrs	
									134		740			
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									<u> </u>	 				
lo.	Coefficient $(24-\text{Hour}) \sqrt{h}$			/ h _w ł		essure psia	FLOW CALCULATIONS Flow Temp. Grav Factor Factor Ft F		Gravity Factor Fg	or Factor F _{pv}		Q-MCFPD @ 15.025 psia		
	12,3650		0			143		1.0019		0.9393	1.015		1689	
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c														
avit	y of	Hydr Liqu	id H	lydro	carbo	ons l-e ^{-s}		essure (cf/bbldeg.	CALCUTATI • •	Speci Speci	fic Gravi fic Gravi 8 89	ty Flow	arator Gas wing Fluid	
io .	P _w	psia)		$P_{\mathbf{t}}^{2}$	F	,Q	$(F_cQ)^2$	(1	$F_cQ)^2$ 1- e^{-s})	P _w 2	$P_c^2 - P_w^2$	Ca	Pw Pc	
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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 T Actual 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
- 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.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- Ft Flowing temperature correction factor.
- F_{DV} Supercompressability factor.
- n I 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} .

DRILLING DEPARTMENT

				COMPAN	Y Northwest	Production C	Ep.
				LEASE	San Juan 27-8	WELL NO.	5-11
				DATE C	F TEST	-57	
SHUT	IN PRESSURE	(PSIG): TUBINO	G CASING	877	S. I. PERIOD	7	DAYS
SIZE	BLOW NIPPLE	T. C.	Cheke				
FLOW	THROUGH	lk ⁿ tu	bing	WORKING P	RESSURES FROM	Casing	
HOURS	TIME MINUTES	PRESSURE	Q (MCFD) 15.025 PSIA & 60°F	WELLII PRESS	EAD WORKING SURE (PSIG)	TEMP	
3	0	131			748	580	
				<u> </u>			
					· · · · · · · · · · · · · · · · · · ·		
START	T AT:	11:20 AM	E	ND TEST A	T 2:20 1	PM	
REMAR	RKS:						
				TESTED B	Y: L. E. Gilber	t	
				WITNESS			

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