NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122
Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool	Adda ist	ured Cl	issa	Fo	rmation		red Gli	ete	County_	San	Juan	
Init	tial		_Annual_			Spec	ial	 	_Date of	Test_	Jedne 57	
Company Pen Assertan Polymer Company Labele Bease Marking Company Well No. 1												
Unit	<u> </u>	Sec	wp	_291	Rg	e. 10	Pur	chaser	L Page No.	Amal S	na Company	
											990	
Tubi	ing 1	vt2.3	I.D,	_1,1	Set at 1662			Perf.		To 1952		
Gas Pay: From 164 To 166 L 167 xG 165 at TGL 186 Bar. Press.										ess		
Prod	lucing Thru:	Tubing			0:	Type Well_ Single-Bradenhea		<u> </u>	no - Sincle			
Date	of Complet	ion:	<u>-31-57</u>		Packe:	r	511	ngle-Brade Reservo	ennead-G. oir Temp.	G. or (G.O. Dual	
						OBSERV	ED DATA					
Tested Through (Choke) (Mohon) Type Taps												
Flow Data				Tubi				g Data Casing Data				
No.	(Prover) (Line)		e) Pr	ess.	Diff.	Temp.		Temp.	Press.		Duration of Flow	
	Size	Siz		sig	h _w	°F.	psig	°F.	psig	°F.	Hr.	
1.	and in 7 d	34		2			717	60	716	60		
2.												
3. 4.) 						-		 		
5.				-+				 		 		
	Coeffici	ent	·	Dro	ssure	PLOW CAL		S Gravity	Compre	r	Dodo of Bloom	
No.	00011101	ober 11 crenc			ssure	Fac	tor	Factor	Facto			
	$(24-Hour)$ $\sqrt{h_{\mathbf{w}}p_{\mathbf{f}}}$			p	psia			${ t F_g}$	F _{pv}		@ 15.025 psia	
1.	12,3650					1,000		0.9600	1.000			
1. 2. 3. 4.												
2° 1				╁─╌								
5.												
ravit	iquid Hydro ty of Liqui					CSSURE CA Cf/bbl. deg.	ALCU ATI	Speci. Speci	fic Gravi	ty Flow	rator Gas ring Fluid 6.65 e	
c			(т-е	2				^Р с	<i>3</i> 9	_Pc	11,441	
No.	$P_{\mathbf{w}}$	P _t .	F _c Q		(F _c Q) ²	(1)	Q) ²	n o	$P_c^2 - P_w^2$	0-	1	
ŀ	Pt (psia)	-t	1 c	ļ	(I Cas)	(1	e-s)	P _w 2	rc-rw		$\frac{P_{\mathbf{W}}}{P_{\mathbf{C}}}$	
1. 2. 3.				1				967	530,400			
3.								·		2.67		
4.		·· <u>·</u>	·									
										A deci		
	Absolute Potential: MCFPD: n 0.45 NOV 2 9 1957											
ADDRESS SAM LOY, PARMENGANA, New Houses												
	and TITLE	R, I, 1	mar, f	lel4	Pagin		KW	Lane-	1/2	D	IST. 3	
	ESSED											
COMPANYREMARKS												

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 \subseteq 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
- 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
- Pf Meter pressure, psia.
- hw 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_{+} .

OIL CONGERVATION COMMISSION