MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised 12-1-55

Pool	ol Seein Bahota Form					mation				CountyRio Arriba		
	ial		-									
Comp	any PAN AM	ERECAN	PRINCLED	COR	P	Lease Ji	erille A	pache 10	2 Wel	l No.	14	
	mi/4				_			-				
Casing 4-1/2 Wt 10.5 I.D. 4.052 Set at 8320 Perf. 8045-55 To 8196-8202 Tubing 2-3/8 Wt. 4.7 I.D. 1.995 Set at 8032 Perf. To												
Gas Pay: From 8045 To 8202 L 8123 xG .700 -GL 5686 Bar.Press. 12												
Producing Thru: Casing Tubing Type Well Single Single-Bradenhead-G. G. or G.O. Dual											3.0. Dual	
Date of Completion: 19-14-63 Packer Reservoir Temp.												
OBSERVED DATA												
Tested Through (Choke) (Choke)								Type Taps				
Flow Data (Prover) (Choke) Pre					Tu			Data	Casing D	ata		
No.	(Prover)	(Cho	oke) Pr	ess.	Diff.	Temp.	Press.	Temp.	Press.	Temp.	Duration of Flow	
SI	Size	Si	ize p	sig					psig		Hr.	
$\frac{SI}{1.}$	9 4676 2"	.7	50 24	9		2362 338	60 est.	2376 2 773	60° est	, <u>2</u>	3 hr.	
2.				-				7 ***			J 402 .	
3.												
4. 5.			<u></u> _									
7. !								L.,		L	<u> </u>	
<u> </u>							CULATION					
	Coefficient			Pre	Pressure Flow Ter			Gravity Compress. Rate of			Rate of Flow	
No.	(24-Hour) √h		/			Fac	tor	Factor	Facto	r	Q-MCFPD	
	(24-Hour)		√ h _w p _f	p	psia		t	Fg	l'pv		● 15.025 psia	
1.	12,3650			2:	14	1.000		.9258	1.031		2998	
2. \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				+								
4.				 								
5.												
Gas Liquid Hydrocarbon Ratio cf/bbl. Specific Gravity Separator Gas Specific Gravity Flowing Fluid Pc 1382 Pc 5.473.924												
No.	P _w	Pt	F _c Q		$(F_cQ)^2$	(F.	c ^{Q)²} -e ^{-s})	P _w 2	$P_c^2-P_w^2$	1	Pw Pc	
1.	Pt (psia)	 						6,225	5.057.699	P	y Pc	
2.								TARRI	3437447			
3.	· 	 										
4. 5.		 							<u> </u>	 		
		 							<u> </u>	<u> </u>		
Absolute Potential: 3268 MCFPD; n .75 COMPANY PAN ANEXICAL PREGLEM CONCATION												
ADDRESS Jon 440, Farmington, Nov Montes												
AGENT and TITLE 7. L. Mebore, District Engineer												
WITN	ESSED	37	- 4		2461				TALUL	TLL		
COMP	ANY		F. V. K	•11					CT2	9 1963		
						REM	ARKS		il B		J	
									OIL COM		7	
) DIST	o	7	

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 \equiv 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
- PwI 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.
- 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_{+} .