Form C-122

Revised 12-1-55

Pool BASTH DARGTA Formation DARGTA										County Rio Arriba				
Initial X Annual				al	Special				_Date of	Test	12/23/63			
Company Beta Development Co. Lease San Juan 29-6 Well No.												Unit #81		
Unit Sec. 25 Twp. 20 M Rge. 6 M Purchaser EPNG Co.														
	Casing 41" Wt. 11.6 I.D. 4.000 Set at 7796 Perf. 7709 To 7756													
Tubing 2 3/8" Wt. 4.70 I.D. 1.9									,					
		•							<u></u>			ss. <u>12.0</u>	`	
												_		
Dat	e of Co	mnlet	ion•	0		Packe		Sir	ngle-Brade	nhead-G.	G. or G	.O. Dual		
Dao	Date of Completion: Packer Reservoir Temp.													
OBSERVED DATA														
Tested Through (Choke) (Meksex)								Type Taps						
		ver)	(Cho	rlow Da		. Diff.	Temp.		z Data Temp.	Casing D		Dura	tion	
No.	(Li Si	ne) ze		ize	psig	h _w	o _F .	psig	o _F .	psig	°F.	of Hr	1	
SI								2585		2581		7 Days		
2.			3/	4"	289	+	75_	299	 	1190		3 Hrs.		
3.														
<u>4.</u> 5.	 					 			ļ	·				
2•	<u> </u>						L	<u> </u>	<u> </u>					
				·			FLOW CAL							
No.							Temp. Gravity Compress. Rate of Flow tor Factor Factor Q-MCVPD							
_	$(24-Hour)$ $\sqrt{h_{WP}}$			Pf	psia		t	F _g	Fpv		€ 15.025 psia			
1. 2.	12,3650					301	.985		.9463			3,570		
3.												· · · · · · · · · · · · · · · · · · ·		
3. 4. 5.														
<u>5.</u>]														
						PR	essure c	alcut at i	ONS					
as :	Liquid 1	Hvdro	carbon	Ratio	.		cf/bbl.		Sneci	fic Gravii	.v Sena	rator Gas		
	ity of			ocarbo	ns		deg.			Specific Gravity Separator GasSpecific Gravity Flowing Fluid				
'c				(1	-e ⁻⁸)			•	Pc	2598		6723.6		
									Pw	1202	P_2	1444.8		
N-	$P_{\mathbf{W}}$		P _t 2		_	(7.0)2	(7)	2)2	. .	-2 -2				
No.	Pt (p	sia)	Pt	Fc		$(F_cQ)^2$	(1	$\begin{pmatrix} cQ \end{pmatrix}^2 \\ -e^{-S} \end{pmatrix}$	P w 2	$P_c^2 - P_w^2$	Ca.			
1. 2.	<u> </u>						`		1444.8	5278.8	<u> </u>	.463		
2.		 -									-			
3. 4. 5.											 			
5.														
	olute Po	ocent:					MCFPD;	n	75					
COMPANY Beta Development Co. ADDRESS 234 Petr. Club Plaza, Farmington, New Mexico														
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COM	FAN I		El	El Pase Matural Gas Co.				ARKS	ANB 1964 JANB COM. COM.					
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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.
- Pc= 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.
- hal Differential meter pressure, inches water.
- Fg Gravity correction factor.
- Ft Flowing temperature correction factor.
- Fpw 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} .