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Form C-122
Revised 9-1-65
to 122 file ✓

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Type Test: ☒ Initial ☐ Annual ☐ Special		Test Date 9-16-76	
Company BELCO PETROLEUM CORP.		Connection TO AIR	
Pool Circulation manou WILDCAT		Formation MORROW	
Completion Date 9-3-76		Total Depth 10,630'	Plug Back TD 10,525'
Csg. Size 7" 26# 5" 18#		Set At 9,099'	Perforations: From 10,385' To 10,422'
45 JT 2 7/8" 6.5# 2 3/8" 4.7#		Set At 1,400'	Perforations: From OPEN ENDED
Type Well - Single - Bradenhead - G.C. or G.O. Multiple SINGLE		Packer Set At 10,027'	Unit ARTESIA, OFFICE
Producing Thru TUBING		Reservoir Temp. °F 179 @ 10,403'	Mean Annual Temp. °F 60
Baro. Press. - P _a 13.2		State NEW MEXICO	
L 10403	H 10403	Gg 0.6064	% CO ₂ 0.88
% N ₂ 1.24		% H ₂ S -----	Prover Meter Run Taps
POSITIVE CHOKES			
FLOW DATA			
NO.	Prover Line Size	X	Orifice Size
SI	POSITIVE CHOKE		
1.	14/64		2225.0
2.	16/64		1975.0
3.	18/64		1815.0
4.	20/64		1665.0
5.			
TUBING DATA			
NO.	Prover Line Size	X	Orifice Size
SI	POSITIVE CHOKE		
1.	14/64		2225.0
2.	16/64		1975.0
3.	18/64		1815.0
4.	20/64		1665.0
5.			
Casing Data			
NO.	Prover Line Size	X	Orifice Size
SI	POSITIVE CHOKE		
1.	14/64		2225.0
2.	16/64		1975.0
3.	18/64		1815.0
4.	20/64		1665.0
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1	0.8419		2238.2
2	1.112		1988.2
3	1.422		1828.2
4	1.771		1678.2
5			
NO.	P _r	Temp. °R	T _r
1	3.47	532	1.50
2	2.95	530	1.50
3	2.71	531	1.50
4	2.49	530	1.50
5			
Gas Liquid Hydrocarbon Ratio TSTM Mcf/obl.			
A.P.I. Gravity of Liquid Hydrocarbons Deg.			
Specific Gravity Separator Gas 0.6064 XXXXXXXXXX			
Specific Gravity Flowing Fluid XXXXX			
Critical Pressure 674 P.S.I.A.			
Critical Temperature 354 R			
P _f 4363.2 P _r 19038			
NO.	P _f ²	P _s ²	P _f ² - P _s ²
1	3076.2	9463	9575
2	2777.2	7713	11325
3	2538.2	6442	12596
4	2351.2	5528	13510
5			
(1) $\frac{P_f^2}{P_f^2 - P_s^2} = 1.4092$			
(2) $\left[\frac{P_f^2}{P_f^2 - P_s^2} \right]^n = 1.4092$			
AOF = Q $\left[\frac{P_f^2}{P_f^2 - P_s^2} \right]^n = 5976$			
Absolute Open Flow 5976 Mcf @ 15.025			
Angle of Slope @ 45.0° LIMIT			
Slope, n 1.00 LIMIT			
Remarks: BOTTOM HOLE PRESSURES MEASURED WITH AMERADA GAUGE @ 10,403 FEET.			
GOOD POINT ALIGNMENT, BUT IN EXCESS OF 1.000 LIMITS. DREW SLOPE THROUGH			
HIGH RATE OF FLOW.			
Approved By Commission:		Conducted By: G.J.P.	Calculated By: R.L.W.
			Checked By: J.J.W.