

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

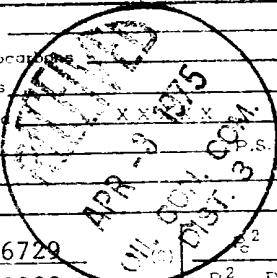
Form C-122
 Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special						Test Date 3-26-75	
Company Northwest Pipeline Corp.				Connection			
Pool Undesignated				Permittee Chacra			
Completion Date 3-8-75		Total Depth 3444'		Plug back TD 3420'		Elevation 6154' Gr	
Casing Size 2-7/8"		Set At 2.441		Perforations From 3198 To 3370		Well No. 1	
Tag Size TC		Set At		Perforations From To		Unit Sec. Twp. Rng. 0 2 27 9	
Type Well - Single - Branchhead - G.G. or G.O. Multiple Gas Single				Packer Set At none		County San Juan	
Producing Thru Casing		Reservoir Temp. °F s		Mech Annual Temp. °F		Baro. Press. - P _a 12.0	
L		H		G _g % CO ₂ % N ₂ % H ₂ S		Prover 3/4" THC	
		.600				Meter Run	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
1.	8 day SIP			83		58°	--	--	961		3 hrs
2.	2 x .750								83		
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Suppr. Factor F _{pv}	Rate of Flow Q, Mcfd
1	12.365		95	1.0019	1.000	1.007	1185
2							
3							
4							
5							

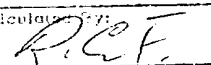
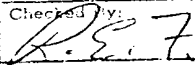
NO.	F _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	Met/111
1					A.P.I. Gravity of Liquid Hydrocarbon	Deg.
2					Specific Gravity Separator Gas	XXXXXX
3					Specific Gravity Flowing Fluid	X
4					Critical Pressure	P.S.I.A.
5					Critical Temperature	R



P _c 973	P _c ² 946729	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{946729}{932088} = 1.0118$		
NO.	P _w	P _w ²	P _c ² - P _w ²	ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1199$
1				
2				
3				
4				
5				

Absolute Open Flow	1199 Mcfd @ 15.025	Angle of Slope @	Slope, n .75
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Remarks: Well produced light mist of H₂O and dist. throughout test.
 Calculated P_w = 121

Approved By Commission:	Conducted By: B.J. Broughton js	Calculated By: 	Checked By: 
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