

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

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 8/25/75		SEP 5 1975 OIL CON. COM. OFFICE	
Company Northwest Pipeline Corporation				Connection New Completion			
Pool Blanco				Formation Mesa Verde		Unit San Juan 29-6	
Completion Date 8/17/75		Total Depth 6077		Plug Back TD 6031		Elevation 6805' G1	
Farm or Lease Name San Juan 29-6 Unit		Well No. 53A					
Csq. Size 4.500	Wt. 10.5	d 4.052	Set At 6075'	Perforations: From 5418' To 5988'		Unit Sec. Twp. Rge. 0 31 29 6	
Tiq. Size 2.375	Wt. 4.7	d 1.995	Set At 5987'	Perforations: From To			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas-Single				Packer Set At None		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F 12.0		State New Mexico	
L 4	H 10	Gq .690	% CO ₂	% N ₂	% H ₂ S	Prover 3/4 variable choke	Meter Run 4"
						Taps flange	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	p.s.i.g.	Diff.	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI	8 day SIP						722		801		8 day
1.	4 X 2.500			81	8.4	71°	376		636		3 hr
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	Meter Differential	Pressure Meter Static	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	103.00	8.2	3.05	.9896	1.204	1.008	3093
2.							
3.							
4.							
5.							

NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1.							XXXXXX	XXXXXX	P.S.I.A.	P.S.I.A.
2.									R	R
3.										
4.										
5.										

NO.	P _c	P _w	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n$
1	813	648	419904	2.41065	2.1308
2					
3					
4					
5					

Absolute Open Flow 6590 Mcfd @ 15.025 Angle of Slope 0 Slope, n .75

Remarks: Differential and static reading from L-10 chart. Coefficient from L-10 chart factor of 3.162 and orifice factor of 32.64. Made approximately 3 bbls liquid. Some drip in tank.

Approved By Commission:	Conducted By:	Calculated By:	Checked By: <u>ROR</u>
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