

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 6/17/83	
Company Northwest Pipeline Corporation		Connection New Completion	
Pool Basin		Formation Dakota	
Completion Date 6-3-83		Total Depth 8054'	
Plug Back TD 8035'		Elevation 6488' KB	
Csg. Size 4.500		Wt. 11.6	
Id 4.052		Set At 8054'	
Perforations: From 7963' To 8018'		Well No. #39	
Trg. Size 2.375		Wt. 4.7	
Id 1.995		Set At 7943'	
Perforations: From To		Unit B 28 31 6	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Single		Packer Set At None	
Producing Thru Tubing		Reservoir Temp. °F #	
Mean Annual Temp. °F		Baro. Press. - P _a 12.0	
State New Mexico		County Rio Arriba	
L	H	G _g Est. .590	% CO ₂ % N ₂ % H ₂ S
Positive Choke		Meter Run Taps	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
1.	2"	X	.750"	174		64°	2822	64°	2822	715	64°
2.											
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	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.	9.604		186	.996	1.302	1.013	2347
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbon	Deg.
2.					Specific Gravity Separator	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

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JUN 28 1983
OIL CON. DIV.

P _c 2834	P _c ² 8031556	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0704$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0524$
NO. 1	P _w 727	P _w ² 528529	P _c ² - P _w ² 7503027
2.			
3.			
4.			
5.			

$ACF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2470$

Absolute Open Flow 2470 Mcfd @ 15.025 Angle of Slope @ _____ Slope, n .75

Remarks: Produced very light mist throughout test. Vented 340 MCF.

Approved By Commission:	Conducted By: Chik Charley	Calculated By: M.J. Turnbaugh	Checked By:
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SKW