

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 10-19-82	
Company Northwest Pipeline Corporation		Connection New Completion	
Foot Blanco		Formation Mesa Verde	
Completion Date 10-10-82	Total Depth 6225'	Plug Back TD 6145'	Elevation 7152'
Form or Lease Name Jicarilla 93			
CS: 600 4.500	Wt. 20.0# 10.5#	d 6.456 4.052	Set At 4168 3946'-6225'
Perforations: From 6025' To 6088'		Well No. #12 MV	
Tng. Size 2.375	Wt. 4.7	d 1.995	Set At 6052'
Perforations: From To		Unit Sec. Twp. Rye. F 34 27N 3W	
Type Well - Single - Brasshead - G.G. or G.O. Multiple Multiple Completion		Packer Set At 3930'	County Rio Arriba
Producing Thru Tubing	Reservoir Temp. °F 8	Mean Annual Temp. °F	Baro. Press. - P _a 12.0
State New Mexico			
L	H	G _g est. .740	% CO ₂ % N ₂ % H ₂ S
Positive Choke		Meter Run	Taps

FLOW DATA						TUBING DATA		CASING DATA		Duration	
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	of Flow
51	Shut-in Pressure										
1.	2"	X	.750"	206		62°	1499	206			3 hrs.
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		218	.998	1.162	1.030	2501
2.							
3.							
4.							
5.							

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

P _c 1511	P _c ² 2283121	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0969$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0718$
NO 1	P _t ²	P _w	P _w ²
1		449	201601
2		(Calc.)	2081520
3			
4			
5			

Absolute Open Flow 2681		Mcf/d @ 15.025	Angle of Slope @ _____	Slope, n .75
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Remarks: Produced medium mist of water. Vented 313 MCF.					
GI	1-e-s	F _{CO} ²	R ²	P _t ²	P _t ² +R ²
4478	.278	552927	153714	47524	201238
Approved By Commission:		Conducted By: Fred S. Hamrick	Calculated By: R. J. Broughton	Checked By:	