

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: Retest 7/25/80					
Company Northwest Pipeline Corporation						Connection New Completion					
Pool Basin						Formation Dakota					
Completion Date 5-13-80			Total Depth 8060			Plug Back TD 8048			Elevation 6515		
Unit San Juan 32-7						Farm or Lease Name San Juan 32-7 Unit					
Csg. Size 4.500	Wt. 11.6	d 4.052	Set At 6648	Perforations: From 7964 To 7976			Well No. 55				
Tub. Size 2.375	Wt. 4.7	d 1.995	Set At 7980	Perforations: From To			Unit K	Sec. 7	Twp. 32N	Rye. 7W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - single						Packer Set At None			County San Juan		
Producing Thru Tubing			Reservoir Temp. °F 6			Mean Annual Temp. °F			Baro. Press. - P _a 12.0		
State New Mexico											
L	H	Gg est. .585	% CO ₂	% N ₂	% H ₂ S	Prover Pos. 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	of Flow
SI							1651		2076		SIP
1.	2 X .750			39		66°	39		175		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		51	.994	1.307	1.002	638
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	Deq.
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 2088	P _c ² 4359744	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 10081$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0061$
NO. 1	P _t ²	P _w	P _w ²
1		187	34969
2			
3			
4			
5			

Absolute Open Flow 642 Mcfd @ 15.025		Angle of Slope 0	Slope, n .75
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Remarks: Well unloaded heavy slug water 4 min. after start of test then med. mist throughout test.

Approved By Commission:	Conducted By: Jack Vescovi	Calculated By: B.J. Broughton	Checked By:
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