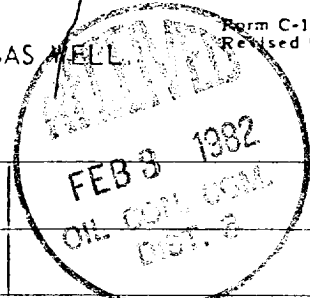


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 1-14-82	
Company Northwest Pipeline Corporation				Connection New Completion	
Pool Blanco		Formation Mesa Verde		Unit San Juan 32-8	
Completion Date 1-02-82		Total Depth 6484'		Plug Back TD 6450'	
Elevation 7077'		Farm or Lease Name San Juan 32-8 Unit			
Case Size 7.000	Wt. 23.0	d 6.456	Set At 4300'	Perforations: From 5970' To 6398'	
4.500	10.5	4.052	4140'-6484'	Well No. #45 MV	
2.375	4.7	1.995	6326'	Unit Sec. Twp. Rge. K 14 32N 8W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Multiple Completion				Packer Set At 4117'	
Producing Thru Tubing		Reservoir Temp. °F #		Baro. Press. - P _a 12.0	
Mean Annual Temp. °F		County San Juan		State New Mexico	
L	H	G _g est. .588	% 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	
SI	2"	X	.750"	126		58°	1142				SIP
1.							126				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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	9.604		138	1.002	1.304	1.010	1749
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 1154	P _c ² 1331716	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0664$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0494$
NO. 1	P _t ²	P _w	P _w ²
1		288	82944
2		(calc.)	
3			
4			
5			

ACF = C $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1835$

Absolute Open Flow 1835	Mcfd @ 15.025	Angle of Slope °	Slope, n .75
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Remarks: Produced light mist of water. 2 Venter 271 MCF.						
G1	1-e-s	FcQ ²	R ²	Pt ²	Pt ² +R ²	Pw
3720	.237	270408	64087	19044	83131	288 PSIA
Approved By Commission:		Conducted By: Fred S. Hamrick		Calculated By: B.J. Broughton		Checked By: B.J. Broughton