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

Form C-122
Revised 9-1-65

Type Test: [X] Initial [ ] Annual [ ] Special			Test Date: 6-24-81	
Company: Northwest Pipeline Corporation	Connection: New Completion			
Pool: Blanco	Formation: Mesa Verde		Unit: San Juan 32-8	
Completion Date: 5-07-81	Total Depth: 6148'	Plug Back TD: 6148	Elevation: 6583'	Farm or Lease Name: San Juan 32-8 Unit
Csg. Size: 5.500 / Wt.: 17# / d: 4.892 / Set At: 8169'	Perforations: From 5361' To 5874'			Well No.: #12A MV
Tbg. Size: 1.660 / Wt.: 2.33 / d: 1.380 / Set At: 5728'	Perforations: From To			Unit: E / Sec.: 21 / Twp.: 31N / Rge.: 8W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Gas - Multiple Completion		Packer Set At: 6148'		County: San Juan
Producing Thru: Tubing	Reservoir Temp. °F: e	Mean Annual Temp. °F:	Baro. Press. – P_a: 12.0	State: New Mexico
L:	H:	Gg: est. .590	% CO_2:	% N_2:
% H_2S:	Prover: positive choke	Meter Run:	Taps:	

NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA Press. p.s.i.g.	TUBING DATA Temp. °F	CASING DATA Press. p.s.i.g.	CASING DATA Temp. °F	Duration of Flow
SI							700		702		SIP
1.	2"	X	.750	98		62°	98		581		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		110	.998	1.301	1.009	1304
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_r	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXXX
Specific Gravity Flowing Fluid _____ XXXXXXXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

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DIST. 3

P_c 714 P_c^2 509796

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		592	350464	159332
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.1995$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2.3923$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 3110$

Absolute Open Flow 3110 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: Produced very light mist of water throughout test. Vented 163 MCF/D.

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Fred S. Hamrick	B.J. Broughton	BJB