NEW MEXICO OIL CONSERVATION COMMSSION

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: 11/24/76	
Company: Northwest Pipeline Corporation		Connection: New Completion			
Pool: Blanco		Formation: Mesa Verde			Unit: San Juan 32-7
Completion Date: 11/13/76	Total Depth: 5735		Plug Back TD: 5690	Elevation: 6332 Gr	Farm or Lease Name: San Juan 32-7 Unit
Csg. Size: 7.000 / 4.500	Wt.: 20# / 10.5	d: 6.456 / 4.052	Set At: 3637 / 3479-5730	Perforations: From 5338 To 5666	Well No.: #24
Tbg. Size: 2.375	Wt.: 4.7	d: 1.995	Set At: 5627	Perforations: From To	Unit: L; Sec.: 21; Twp.: 32; Rge.: 7
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: @	Mean Annual Temp. °F	Baro. Press. – P_a: 12.0		State: New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
		.60				Orifice meter	4"	Flange

	FLOW DATA				TUBING DATA		CASING DATA		
NO.	Prover Line Size X Orifice Size	Meter PSIG	Meter Diff.	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI					891		1177		SIP
1.	4" X 2.750	98	7.9	60°	245		470		3 hrs.
2.									
3.									
4.									
5.									

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hour)	Meter Static	Meter Diff.	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	130.00	3.32	7.9	1.000	1.291	1.007	4433
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 _____ XXXXXXXXX
Specific Gravity Flowing Fluid _____ XXXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

RECEIVED DEC 1976 OIL CON. COM. DIST. 3

P_c 1189 P_c^2 1413721

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		482	232324	1181397
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1967$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.1441$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 5072$

Absolute Open Flow 5072 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: Variable choke set 48/64. Well produced approximately 3 bbls of water.

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Fred Hamrick	Fred Hamrick	