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: 10-8-74	
Company: Northwest Pipeline Corp.		Connection: New Completion			
Pool: Blanco		Formation: Mesa Verde			Unit: SJ 32-7
Completion Date: 9-30-74	Total Depth: 6020'	Plug Back TD: 5978'	Elevation:		Farm or Lease Name: SJ 32-7 Unit
Csg. Size: 4-1/2" / Wt.: 10.5 / d: 4.052 / Set At: 6013		Perforations: From 5664' To 5928'			Well No.: 28
Tbg. Size: 2-3/8" / Wt.: 4.7 / d: 1.995 / Set At: 5944		Perforations: From To			Unit: K / Sec.: 35 / Twp.: 32 / Rge.: 7
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: single		Packer Set At: none			County: San Juan
Producing Thru: tubing	Reservoir Temp. °F: @	Mean Annual Temp. °F	Baro. Press. – P_a		State: New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
		.600				Pos. choke		

	FLOW DATA				TUBING DATA		CASING DATA		
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	Duration of Flow
SI	7 day SIP				1085		1088		SI
1.	.750 pos choke	241		68	241		638		3 hours
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	12.365		253	.9924	1.000	1.019	3,164
2.							
3							
4.							
5.							

NO.	P_r	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 XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 1100 P_c^2 1210,000

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1		650	422,500	787,500
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1,210,000}{787,500}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]$ = 1.801

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$ = 4,367

RECEIVED
OCT 10 1974
OIL CON. COM.
DIST. 3

Absolute Open Flow 4,367 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: Well produced light to medium mist of H_2O throughout test.

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Bobby Broughton	Bobby Broughton	