OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 12-29-80	
Company: El Paso Natural Gas Company			Connection: Northwest Pipeline Corp.		(OWWO)
Pool: Blanco			Formation: Mesa Verde		Unit: San Juan 28-5
Completion Date: 12-22-80	Total Depth: 6215		Plug Back TD: 6197	Elevation: 6701 GR	Farm or Lease Name: San Juan 28-5 Unit
Csg. Size: 4.500 / Wt.: 10.5 / d: 4.052	Set At: 6215		Perforations: From 5300 To 6162		Well No.: #1
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995	Set At: 6138		Perforations: From To		Unit: G / Sec.: 29 / Twp.: 28 / Rge.: 5
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single			Packer Set At:		County: Rio Arriba
Producing Thru: Tbg.	Reservoir Temp. °F:	Mean Annual Temp. °F:	Baro. Press. – P_a: 12		State: New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps

	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						727		800		7 Days
1.										
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							
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_t	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 XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

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

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

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

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OIL CON. COM.
DIST. 3

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

Remarks: After Frac Gauge = 2264

Approved By Division	Conducted By:	Calculated By:	Checked By:
	Melvin Wileman	H. E. McAnally	