STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
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: 12-3-80	
Company: El Paso Exploration Company			Connection: Northwest Pipeline Corp.		
Pool: Blanco			Formation: Mesa Verde		Unit
Completion Date: 11-24-80	Total Depth: 6172		Plug Back TD: 6154	Elevation: 6959 GL	Farm or Lease Name: Jicarilla 152W
Csg. Size: 7.000 / Wt.: 20.0 / d: 6.456 / Set At: 3850			Perforations: From *5247 To 6094		Well No.: #5A
Tbg. Size: 2.375 / Wt.: 4.5 / d: 1.995 / Set At: 6018			Perforations: From To		Unit: O / Sec.: 7 / Twp.: 26 / Rge.: 5
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: GG Dual			Packer Set At: 3636		County: Rio Arriba
Producing Thru: Tbg.	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. – P_a: 12		State: New Mexico
L	H	Gg: 0.670	% CO_2	% N_2	% H_2S / Prover / Meter Run: 4" / Taps: Flange

FLOW DATA

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					980				9 Days
1.	4" X 2.50.	10	3.6	52					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	103.21	5.34		1.0078	1.222	1.000	679
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 _____ XXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 992 P_c^2 984064

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	4096	120	14400	969664
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0149$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0111$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 687$

Absolute Open Flow 687 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n 0.75

Remarks: 4.500" Liner From 3693 to 6172. Gas Vented = 160 MCF
12 Bbls. of Water Was Produced During The Test.

Approved By Division	Conducted By:	Calculated By:	Checked By:
	Lyle Nations	H. E. McAnally	