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: 4-27-81	
Company: El Paso Natural Gas Company		Connection: El Paso Natural Gas Company			
Pool: Blanco		Formation: Mesa Verde		Unit: San Juan 28-7	
Completion Date: 4-20-81	Total Depth: 5974	Plug Back TD: 5957	Elevation: 6622 GL	Farm or Lease Name: San Juan 28-7	
Csg. Size: 7.000 / Wt.: 20 / d: 6.456 / Set At: 3635		Perforations: From *5524 To 3928		Well No.: 20A (MV)	
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 5920		Perforations: From To		Unit: J / Sec.: 8 / Twp.: 28 / Rge.: 7	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: G. G. Dual		Packer Set At: 3516		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
		0.650						

	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						719				7 Days
1.	Choke	0.750	340		68					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		352	.9924	0.9608	1.035	4,295
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

RECEIVED
APR 30 1981
OIL CON. COM.
DIST. 3

P_c 731 P_c^2 534361

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1	123904	722	521284	13077
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 40.8627$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 16.1620$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 69,416$

Absolute Open Flow 69,416 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n 0.75

Remarks: *4.500" Liner from 3495 to 5974
Vented 567 MCF Gas During Test

Approved By Division	Conducted By:	Calculated By:	Checked By:
	Norman Waggner	R. F. Headrick	