NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122
Revised 9-1-65

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS

RECEIVED
SEP 17 1982
OIL CON. COM.
DIST. 3

CORRECTED COPY

Type Test: [X] Initial [ ] Annual [ ] Special			Test Date: 9-9-82	
Company: El Paso Exploration Co.		Connection: Northwest Pipeline Co.		Unit
Pool: S. Blanco		Formation: Pictured Cliffs		
Completion Date: 9-2-82	Total Depth: 3859	Plug Back TD: 3849	Elevation: 7209 Gr.	Farm or Lease Name: Jicarilla 120 C
Csg. Size: 2.875 / Wt.: 6.40 / d: 2.44 / Set At: 3859		Perforations: From 3768 To 3808		Well No.: #22
Tbg. Size: / Wt.: / d: / Set At:		Perforations: From To		Unit: O / Sec.: 29 / Twp.: 26 / Rge.: 4
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At		County: Rio Arriba
Producing Thru: Casing	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
		.68				3/4"		

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							656		7 days
1.	3/4" Choke	69		64					
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		81	.9962	.9393	1.000	937
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 XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 668 P_c^2 446,224

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1	6561	106	11,236	434,988
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0258$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0219$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 958$

Absolute Open Flow 958 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n 0.85

Remarks: No liquids produced
Gas vented = 159 MCF

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	L. Schmitz	Bill Clark	