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: 11-7-85	
Company: El Paso Natural Gas		Connection:			
Pool: Blanco		Formation: Mesa Verde		Unit:	
Completion Date: 11-07-85	Total Depth: 5547		Plug Back TD: 5533	Elevation: 6628 GR	Farm or Lease Name: Harrington
Csg. Size: 7.000 / Wt.: 20 / d: 6.456 / Set At: 3100			Perforations: From *5144 To 5488		Well No.: #7
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 5467			Perforations: From To		Unit: G / Sec.: 31 / Twp.: 27 / Rge.: 07
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single			Packer Set At: None		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										
1.						317		341		7 Days
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_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 _____ P_c^2 _____

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

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

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

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DIST. 3

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

Remarks: *4.500 "Liner 2926' - 5547'.

Approved by Commission:	Conducted By:	Calculated By:	Checked By:
	Ernie Minert	Ed Mabe	kld