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: 2-2-82	
Company: El Paso Natural Gas Company			Connection: El Paso Natural Gas Company		OWWO
Pool: Blanco			Formation: Mesa Verde		Unit
Completion Date: 1-26-82	Total Depth: 4950		Plug Back TD: 4913	Elevation	Farm or Lease Name: Turner
Csg. Size: 5.500 / Wt.: 15.5 / d: 4.950 / Set At: 4945			Perforations: From 4221 To 4889		Well No.: #1
Tbg. Size: 1.900 / Wt.: 2.9 / d: 1.610 / Set At: 4867			Perforations: From To		Unit: A / Sec.: 28 / Twp.: 30 / Rge.: 9
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: G. G. Dual			Packer Set At: 3009		County: San Juan
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
		0.680						

	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						342				7 Days
1.	Choke	0.750	55				59			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		67	1.0010	0.9393	1.009	786
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

P_c 354 P_c^2 125316

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	4489	127	16129	109187
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1477$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.1089$

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 872$

Absolute Open Flow 872 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Joe Golding	H. E. McAnally	