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: 6-26-80	
Company: El Paso Natural Gas Company			Connection		(OWWO)
Pool: Blanco			Formation: Mesa Verde		Unit: San Juan
Completion Date: 5-22-80	Total Depth: 5550		Plug Back TD: 5520	Elevation: 6412 Gl	Farm or Lease Name: 27-5 Unit
Csg. Size: 7.000 / Wt.: 20 / d: 6.456 / Set At: 32 5			Perforations: From To		Well No.: #67 (PM)
Tbg. Size: 2.0625 / Wt.: 3.4 / d: 1.750 / Set At: 5305			Perforations: From To		Unit: B / Sec.: 31 / Twp.: 27 / Rge.: 5
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: G.G. Dual			Packer Set At: 3160		County: Rio Arriba
Producing Thru: Tbg.	Reservoir Temp. °F: @	Mean Annual Temp. °F	Baro. Press. – P_a: 12		State: New Mexico
L	H	Gg: 0.650	% 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						481				
1.	2"	0.750	53		45					3 Hr.
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		65	1.0147	0.9608	1.010	791
2.							
3.							
4.							
5.							

NO.	P_r	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 _____ XXXXXXXX
Specific Gravity Flowing Fluid _____ XX XXXXXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R

P_c 493 P_c^2 243049

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	4225	169	28561	214488
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1332$ (2) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 869$

RECEIVED
JUN 30 1980
OIL CON. COM.
DIST. 3

Absolute Open Flow 869 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n 0.75

Remarks: 4.500" Liner 3162' - 5550'

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Gabe Archebeque	H. E. McAnally	