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: 5-8-80	
Company: El Paso Natural Gas company		Connection:			
Pool: Tapacito		Formation: Pictured Cliff			Unit: San Juan
Completion Date: 4-11-80	Total Depth: 6192		Plug Back TD: 6176	Elevation:	Farm or Lease Name: San Juan 27-5 Unit
Csg. Size: 7" / Wt.: 20 / d: 6.456 / Set At: 3910			Perforations: From 3564 To 3630		Well No.: 64A (PM)
Tbg. Size: 1 1/4 / Wt.: 2.33 / d: 1.660 / Set At: 3615			Perforations: From To		Unit: D / Sec.: 9 / Twp.: 27 / Rge.: 5
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: G.G.			Packer Set At: 3768		County: Rio Arriba
Producing Thru: Csg.	Reservoir Temp. °F: @	Mean Annual Temp. °F:	Baro. Press. – P_a:		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						1070		1073		7 Days
1.	.750		68		59					3 Hrs.
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		80	1.001	.9463	1.009	945
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 .670 XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R

P_c 1082 P_c^2 1170724

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	6400	116	13456	1157268
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0116$ $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0099$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 954$

RECEIVED
MAY 9 1980
OIL CON. COM.
DIST. 3

Absolute Open Flow 954 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .85

Remarks: 4.500 Liner, Set @ 3759' - 6192' (Well Blew Dry Gas Throughout Test and Vented 106 MDF/D to The Atmosphere

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	M. Wileman	C. R. Wagner	