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: 1-11-78	
Company: Amoco Production Company		Connection: El Paso Natural Gas Company			
Pool: Blanco		Formation: Mesaverde			Unit
Completion Date: 1-4-78	Total Depth: 5270		Plug Back TD: 5233	Elevation: 5873	Farm or Lease Name: Holmberg Gas Com
Csg. Size: 7.000 / Wt.: 20 / d: 6.456 / Set At: 3040			Perforations: From 4249 To 5114		Well No.: 1A
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 5087			Perforations: From Open To Ended		Unit: P / Sec.: 28 / Twp.: 32 / Rge.: 10
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single			Packer Set At: None		County: San Juan
Producing Thru: Tubing	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
		.65						

FLOW DATA / TUBING DATA / CASING DATA

NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Tubing Press. p.s.i.g.	Tubing Temp. °F	Casing Press. p.s.i.g.	Casing Temp. °F	Duration of Flow
SI	7 days						714		716		
1.	2.375		0.750				215	60	550		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		227	1.000	.9608	1.023	2759
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 _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 728 P_c^2 529984

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		562	315844	214140
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.4749$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.9732$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 5444$

Absolute Open Flow 5444 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: 4.5" 10.5# Liner Set @ 2833' - 5270'

JUL 3 1978 OIL CON. COM. DIST. 3

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	T. M. Oliver	T. M. Oliver	J. L. Krupka