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: 10-19-77	
Company: AMOCO PRODUCTION COMPANY	Connection: Gas Company Of New Mexico			
Pool: Tapacito	Formation: Pictured Cliffs		Unit	
Completion Date: 10-12-77	Total Depth: 3692	Plug Back TD: 3639	Elevation: 6801	Farm or Lease Name: Jicarilla Apache 102
Csg. Size: 4.500 / Wt.: 10.5 / d: 4.092 / Set At: 3692	Perforations: From 3518 To 3548			Well No.: 27
Tbg. Size: 1.660 / Wt.: 2.33 / d: 1.380 / Set At: 3561	Perforations: From Open To Ended			Unit: J / Sec.: 10 / Twp.: 26 / Rge.: 4
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single	Packer Set At: None			County: Rio Arriba
Producing Thru: 1-1/4 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	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI	7 days					640		640		
1.	2.375"	0.750				100		500		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		112	1.000	.9608	1.010	1344
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 _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 652 P_c^2 425104

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		512	262144	162960
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.6086$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2.2591$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 3036$

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DIST. 3

Absolute Open Flow 3036 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .85

Remarks: _____

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