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 [X] Special				Test Date: 4-5-83	
Company: Amoco Production Company		Connection: Not Dedicated			
Pool: Blanco		Formation: Pictured Cliffs		Unit	
Completion Date: 3-18-83	Total Depth: 2640	Plug Back TD: 2573	Elevation: 5743 GL	Farm or Lease Name: McCoy Gas Unit "B"	
Csg. Size: 4.500 / Wt.: 10.50 / d: 4.052 / Set At: 2642		Perforations: From 2461 To 2532		Well No.: 1	
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 2533		Perforations: From open To ended		Unit: F / Sec.: 18 / Twp.: 31 / 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

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	10 Days					890		890		
1.	2.375	.750				190		314		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		202	1.000	.9608	1.020	2448
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 _____ XXXXXXXXXX
Specific Gravity Flowing Fluid _____ XXXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 902 P_c^2 813604

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		326	106276	707328
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1503$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.1264$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2757$

RECEIVED

Absolute Open Flow 2757 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .85

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	J. J. Barnett	J. J. Barnett	