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: 3-16-77	
Company: AMOCO PRODUCTION COMPANY			Connection: ---		
Pool: Blanco			Formation: Pictured Cliffs		Unit
Completion Date: 3-9-77	Total Depth: 3089		Plug Back TD: 3051	Elevation	Farm or Lease Name: Leeper Gas Com "C"
Csg. Size: 4.500 / Wt.: 10.5 / d: 4.052 / Set At: 3087			Perforations: From 2868 To 2906		Well No.: 1
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 2913			Perforations: From Open To Ended		Unit: N / Sec.: 34 / Twp.: 32 / Rge.: 10
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single			Packer Set At		County: San Juan
Producing Thru: Tbg.	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					788		801		
1.	2.375	.750				62		112	60°	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		74	1.000	.9608	1.010	888
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 813 P_c^2 660,969

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		124	15,376	645,593
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0238$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0202$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 906$

Absolute Open Flow 906 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .85

OIL CON. COM.
DIST. 3

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	T. M. Oliver	Oliver/W.R.Bloom	H. D. Montgomery