NEW MEXICO OIL CONSERVATION COMMISSION

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: 2-9-81	
Company: Amoco Production Company		Connection: El Paso Natural Gas Co.			
Pool		Formation: Greenhorn			Unit
Completion Date: 1-15-81	Total Depth: 7105	Plug Back TD: 6797	Elevation: 6071		Farm or Lease Name: Stanolind Gas Com "B"
Csg. Size: 7.000 / Wt.: 23 / d: 6.366 / Set At: 7105		Perforations: From 6722 To 6778			Well No.: 1
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 6773		Perforations: From open To ended			Unit: I / Sec.: 9 / Twp.: 32N / Rge.: 12W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Dual		Packer Set At: 6672			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
		.70						

	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	14 days					1870				
1.	2375	.750				20				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		32	1.000	.9258	1.005	368
2.							
3.							
4.							
5.							

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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 _____ XXXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 1882 P_c^2 3541924

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		62	3844	3538080
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0010$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0008$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 368$

Absolute Open Flow 368 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	JJB	J. J. BARNETT	