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: 5-26-83	
Company: Amoco Production Company	Connection: Not dedicated			
Pool: Basin	Formation: Dakota			Unit
Completion Date: 4-23-83	Total Depth: 6605	Plug Back TD: 6563	Elevation: 5828 GL	Farm or Lease Name: Taft Gas Com
Csg. Size: 4.500 / Wt.: 10.5 / d: 4.052 / Set At: 6605	Perforations: From 6418 To 6552			Well No.: 1E
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 6462	Perforations: From open To ended			Unit: C / Sec.: 14 / Twp.: 30 / Rge.: 13
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	17 Days				1920		1930		
1.	2.375 .750				470		1023		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		482	1.000	.9258	1.062	5860
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_f	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXX
Specific Gravity Flowing Fluid _____ XXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

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DIST. 3

P_c 1942 P_c^2 3771364

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		1035	1071225	2700139
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.3967$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.2848$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 7529$

Absolute Open Flow 7529 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: Completed by True Drilling Co.

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