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: 6-7-77	
Company: AMOCO PRODUCTION COMPANY			Connection: El Paso Natural Gas Company		
Pool: Blanco			Formation: Mesaverde		Unit:
Completion Date: 5-31-77	Total Depth: 5250		Plug Back TD: 5216	Elevation: 5864 GL	Farm or Lease Name: Uptegrove Gas Com
Csg. Size: 7.00 / Wt.: 23 / d: 6.366 / Set At: 3075			Perforations: From 4520 To 5165		Well No.: No. 1A
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 5174			Perforations: From Open To Ended		Unit: I / Sec.: 33 / Twp.: 32 / Rge.: 10
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single			Packer Set At: None		County: San Juan
Producing Thru: Tbng	Reservoir Temp. °F: @		Mean Annual Temp. °F:	Baro. Press. – P_a:	State: New Mexico
L:	H:	Gg: .65	% 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	Tubing Press. p.s.i.g.	Tubing Temp. °F	Casing Press. p.s.i.g.	Casing Temp. °F	Duration of Flow
SI	7 days						636		669		
1.	2.375		0.750				305	60°	605		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		317	1.000	.9608	1.031	3883
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 681 P_c^2 463761

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		617	380689	83072
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 5.5826$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 3.6319$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 14103$

Absolute Open Flow 14103 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: 4.500" 10.5# Liner Set 2868' - 5250'

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	T. M. Oliver	Oliver/W. R. Cordill	Original Signed by H. D. MONTGOMERY H. D. Montgomery