

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 7-8-81	
Company Amoco Production Company			Connection El Paso Natural Gas Company		
Pool Blanco			Formation Mesaverde		Unit
Completion Date 6-21-81		Total Depth 5230	Plug Back TD 5210	Elevation 5917 KB	Form or Lease Name Sullivan Gas Com
Csq. Size 4.500	Wt. 10.5	d 4.052	Set At 5217	Perforations: From 4303 To 5165	Well No. 1A
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 5168	Perforations: From open To ended	Unit Sec. Twp. Rge. 22 32N 10W
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single				Packer Set At None	County San Juan
Producing Thru Tubing		Reservoir Temp. °F 8	Mean Annual Temp. °F	Baro. Press. - P _a	State New Mexico
L	H	Gg	% CO ₂	% N ₂	% H ₂ S Prover Meter Run Taps

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
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
1	9 Days						597		644		
2	2.375		.750				198		585		3 hrs
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		210	1.000	.9608	1.020	2545
2							
3							
4							
5							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon	Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbon	Deg.
2					Specific Gravity Separator Gas	XXXXXX
3					Specific Gravity Flowing Fluid	XXXXXX
4					Critical Pressure	P.S.I.A.
5					Critical Temperature	P.S.I.A.

P _c 656	P _c ² 430336	(1) $\frac{P_c^2}{P_e^2 - P_w^2} = 5.8211$	(2) $\left[\frac{P_c^2}{P_e^2 - P_w^2} \right]^n = 3.7476$
NO. 1	P _w 597	P _w ² 356409	P _e ² - P _w ² 73927
2			
3			
4			
5			

AOF = Q $\left[\frac{P_c^2}{P_e^2 - P_w^2} \right]^n = 9538$

Absolute Open Flow 9538	Mcf/d @ 15.025	Angle of Slope θ	Slope, n .75
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Remarks:

Approved by Commission	Conducted by JJB	Calculated by J.J. Barnett	Checked by
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