

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 1-17-73	
Company AMOCO PRODUCTION COMPANY				Connection None		
Pool Blanco				Formation Pictured Cliffs		Unit
Completion Date 1-9-73		Total Depth 2275'		Plug Back TD 2237'		Elevation 5629' KB
Csg. Size 4.500		Wt. 9.5		Set At 4.090		Well No. 1
Tbg. Size 1.66" OD		Wt. 2.4		Set At 1.380		Unit Sec. Twp. Rge. N 6 29N 9W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At ---		County San Juan
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F 60° est.		Baro. Press. - P _a Est. 12 psia
L		H		G _g		% CO ₂ % N ₂ % H ₂ S Prover Meter Run Taps
				.65 est.		

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	8 days					870		870		
1.	2"		.750			83		271		3 hr.
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		95	1.000	.9608	1.010	1140
2.							
3.							
4.							
5.							

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

P _c 882	P _c ² 777924		
NO.	P _t ²	P _w	P _w ²
1		283	80089
2			
3			
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.1148$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1250$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0968$$

Absolute Open Flow	1250	Mcf/d @ 15.025	Angle of Slope @	Slope, n .85
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Remarks:			
Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: Oliver/Calvin	Checked By: J. Arnold Snell