

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 9-29-73				
Company AMOCO PRODUCTION COMPANY				Connection El Paso Natural Gas Company					
Pool Gonzales Mesa Mesaverde-Basin Dakota				Formation Mesaverde				Unit RDB 6448	
Completion Date 9-22-73		Total Depth 7327		Plug Back TD 7293		Elevation GL 6434		Farm or Lease Name Jicarilla Contract 155	
Csg. Size 4.5	Wt. 10.5	d 4.052	Set At 7326	Perforations: From 4877 To 5124		Well No. 20			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6842	Perforations: From Open To Ended		Unit N	Sec. 29	Twp. 26	Rge. 5
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Multiple (Dual)					Packer Set At 6842		County Rio Arriba		
Producing Thru Casing		Reservoir Temp. °F 124° @ 5124		Mean Annual Temp. °F 60° Est.		Baro. Press. - P _a 12 PSIA		State New Mexico	
L 4877	H 4877	Gg .720 Est.	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Line Size	X Choke	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	7 Days							1181		
1.	2-Inch	.750						38	70°	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 F _g	Super. Comp. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		50	.9905	.9129	1.007	563
2.							
3.							
4.							
5.							

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

NO.	P _c	P _w	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1	1193	59		1.0024	1.0018
2					
3					
4					
5					

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ **564**

Absolute Open Flow	564	Mcf/d @ 15.025	Angle of Slope θ	Slope, n .75
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Remarks:

Approved By Commission	Conducted By: T. M. Oliver	Calculated By: G. O. Munson	Checked By: J. Arnold Snell
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