

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

Form C-122
Revised 9-1-65

CORRECTED

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 7-14-72	
Company AMCO PRODUCTION COMPANY				Connection None		
Pool Blanco Pictured Cliffs				Formation Pictured Cliffs		Unit
Completion Date 7-7-72		Total Depth 2416		Plug Back TD 2370		Elevation 5735 Gr.
Csg. Size 4.500	Wt. 9.5	d 4.090	Set At 2409	Perforations: From 2301 To 2340		Well No. 5
Tbg. Size 1.660	Wt. 2.33	d 1.380	Set At 2240	Perforations: From Open To Ended		Unit Sec. Twp. Rge. N 31 30N 9W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County San Juan
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F Est. 60°		Baro. Press. - P _a 12 PSIA Est.
State New Mexico						
L	H	Gg .650	% 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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	7 days					843		840		
1.	2-Inch	.750	94			94	60° Est.	371	60° Est.	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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.3650		106	1.000	.9600	1.000	1259
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	X X X X X X X X
3.					Specific Gravity Flowing Fluid	X X X X X
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c 855	P _c ² 731,025	
NO.	P _t ²	P _w
1	383	146,689
2		
3		
4		
5		

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.251$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1523$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.21$

Absolute Open Flow 1523 Mcfd @ 15.025	Angle of Slope Θ .85	Slope, n
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Remarks:

Approved By Commission:	Conducted By: B. D. Dukas	Calculated By: P. C. Ellison	Checked By: J. A. Snell
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CORRECTED