

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

Form C-122
 Revised 9-1-65

RECEIVED
 JAN 15 1973
 OIL CON. COM.
 DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 12-28-72			
Company AMOCO PRODUCTION COMPANY				Connection None				
Pool Blanco				Formation Pictured Cliffs		Unit		
Completion Date 12-20-72		Total Depth 2365		Plug Back TD 2326'	Elevation 5664' KB			
Farm or Lease Name Jaquez Gas Com "A"						Well No.		
Csg. Size 4.500	Wt. 9.5	d 4.050	Set At 2338	Perforations: From 2229' To 2273'		Unit 4		
Tbg. Size 1.66" OD	Wt. 2.33	d 1.380	Set At 2224	Perforations: From Open To Ended		Unit B Sec. 5 Twp. 29N Rge. 9W		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At --		County San Juan		
Producing Thru Tubing		Reservoir Temp. °F 60° Est.		Baro. Press. - P _a 12 PSIA est.		State New Mexico		
L	H	Gg .65	% CO ₂	% N ₂	% H ₂ S	Prover		
FLOW DATA			TUBING DATA		CASING DATA			
NO.	Deeper Line Size	X 2" 8 Days	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
1.	2"	.750				950	427	3 Hr.
2.						152	60°	
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		164	1.00	.9608	1.015	1978	
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 Hydrocarbons _____ Deg.			
2.					Specific Gravity Separator 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. _____ P.S.I.A.			
5.					Critical Temperature _____ R _____ R			
P_c 968 P_c^2 937,024					$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.3619$ $(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3000$			
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2371$			
1		499	249,001	688,023				
2								
3								
4								
5								
Absolute Open Flow 2371 Mcfd @ 15.025					Angle of Slope θ _____		Slope, n .85	
Remarks: _____								
Approved By Commission:			Conducted By: J. F. Ellledge		Calculated By: J. Pope/J. Calvin		Checked By: J. Arnold Snell	