

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

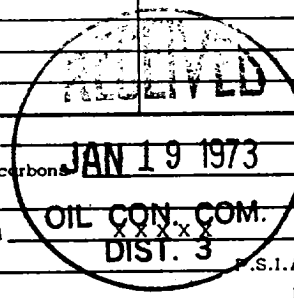
Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 1-11-73	
Company AMOCO PRODUCTION COMPANY				Connection None		
Pool Blanco				Formation Pictured Cliffs		Unit
Completion Date 1-4-73		Total Depth 2275		Plug Back TD 2219	Elevation 5594' NB	Farm or Lease Name Jaquez Gas Com "E"
Csg. Size 4.500	Wt. 9.5	d 4.050	Set At 2259	Perforations: From 2111 To 2144		Well No. 1
Tbg. Size 1.66	Wt. 2.40	d 1.380	Set At 2168	Perforations: From Open To Ended		Unit 0 Sec. 6 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 @		Mean Annual Temp. °F 60° Est.		Baro. Press. - P _a 12 PSIA Est.
State New Mexico						
L	H	G _g .65	% CO ₂	% N ₂	% H ₂ S	Prover
Meter Run		Taps				

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow
NO.	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.	
SI		7 Days				904		924	
1.	2"	0.750				97		318	60° Est. 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 Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		109	1.00	.9608	1.011	1309
2.							
3.							
4.							
5.							

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



P _c 936	P _c ² 876,696		
NO.	P _t ²	P _w	P _w ²
1	330	108,900	767,196
2			
3			
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.1419}$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1465}$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.1195}$$

Absolute Open Flow 1465	Mcf/d @ 15.025	Angle of Slope Θ	Slope, n .85
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Remarks: _____

Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: J. W. Calvin	Checked By: J. Arnold Snell
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