

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 12-4-72	
Company AMOCO PRODUCTION COMPANY				Connection None		
Pool Fulcher Kutz				Formation Pictured Cliffs		Unit
Completion Date 11-27-72		Total Depth 1944'		Plug Back TD 1876'		Elevation 6008' KB
Farm or Lease Name R. P. Hargrave "F"						Well No. 2
Csg. Size 4.500	Wt. 9.5	d 4.050	Set At 1923	Perforations: From 1804 To 1852		Unit L Sec. 16 Twp. 27N Rge. 10W
Thg. Size 1.66	Wt. 2.4	d 1.380	Set At 1861	Perforations: From Open To Ended		
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.		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.	Prover Line Size	X XXXXXX Size Choke	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					369		385	
1.	2-Inch	.750				66	60°	272	
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		78	1.000	.9608	1.000	927
2							
3							
4							
5							

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

P _c 397	P _c ² 157,609	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \mathbf{2.048}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{1.8380}$
NO.	P _w	P _w ²	P _c ² - P _w ²
1	284	80656	76953
2			
3			
4			
5			

ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{1704}$

1704 Mcfd @ 15.025

Absolute Open Flow 1704	Angle of Slope θ _____	Slope, n .85
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Remarks: _____

Approved By Commission:	Conducted By: B. D. Dukas	Calculated By: J. W. Calvin	Checked By: J. Arnold Snell
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