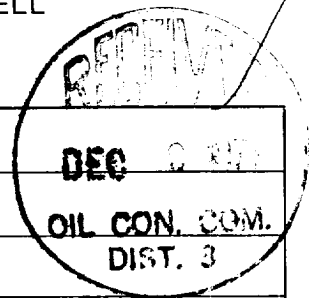


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special			Test Date 12/1/71		
Company SOUTHERN UNION PRODUCTION CO.			Connection SOUTHERN UNION GAS COMPANY		
Pool OTERO			Formation CHACRA <i>Eyt</i>		
Completion Date 11/19/71		Total Depth 7805	Plug Back TD 7786	Elevation 6999	Farm or Lease Name JICARILLA "K"
Csg. Size 4.500	Wt. 10.50	d 4.052	Set At 7804	Perforations: From 4202 To 4230	Well No. 16
Tbg. Size No TUBING WAS RUN	Wt.	d	Set At	Perforations: From To	Unit D
Type Well - Single - Bradenhead - G.G. or G.O. Multiple DUAL - GAS - GAS			Packer Set At 7445	County RIO ARRIBA	
Producing Thru CASING		Reservoir Temp. °F @	Mean Annual Temp. °F	Baro. Press. - P _a 12	State NEW MEXICO
L 4192	H	G _g 0.620	% CO ₂	% N ₂	% H ₂ S
Prover		Meter Run	Taps		

NO.	FLOW DATA			TUBING DATA		CASING DATA		Duration of Flow	
	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.		Temp. °F
1	2"		3/4"				797		10 DAYS
2							57	560	3 HOURS
3									
4									
5									

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		69	1.0029	0.9837	1.000	842
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 809	P _c ² 654,481	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0114$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0085$	
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1			7360	647,121
2				
3				
4				
5				

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

Absolute Open Flow 849 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n 0.75

Remarks: _____

Approved By Commission:	Conducted By: KENNETH E. RODDY	Calculated By: KENNETH E. RODDY	Checked By: KENNETH E. RODDY
-------------------------	-----------------------------------	------------------------------------	---------------------------------