

Form C-122
Revised 9-1-65

RECEIVED
DEC 27 1967
OIL CON. COM.
DIST. 8

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 12/21/67		DEC 27 1967 OIL CON. COM. DIST. 8					
Company Southern Union Production Co.		Connection Southern Union Gas Company							
Pool Undesignated		Formation Gallup							
Completion Date 12/5/67		Total Depth 7905		Packer Set At 7885		Elevation 6803		Farm or Lease Name Jicarilla "E"	
Perforations: From 7648 To 7834		Well No. 8		Perforations: From 7169 To 7177		Unit C		Sec. Twp. Rge. 15 26N 4W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual - Gas - Gas		Packer Set At		County Rio Arriba		Producing Thru Tubing		Reservoir Temp. °F a	
Mean Annual Temp. °F		Baro. Press. - P _a 12		State New Mexico		L 7159		H	
G _g		% CO ₂		% N ₂		% H ₂ S		Prover	
Meter Run		Total							

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	2"		3/4"				1341		1341		15 days
1.							212	60	949		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	12.3650		224	1.000	.9258	1.028	2,636
2							
3							
4							
5							

NO.	P _t	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 1353		P _c ² 1,830,609	
NO.	P _t ²	P _w	P _w ²
1	50,176	961	923,521
2			
3			
4			
5			

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.0181$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.6931$	
AIF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4,463$			

Absolute Open Flow 4,463 _____ Mcfd @ 15.025		Angle of Slope @ _____		Slope, n .75	
Remarks: _____					

ORIGINAL SIGNED BY

WAYNE WARRINGTON

Approved By Commission:	Conducted By: W. Warrington	Calculated By: W. Warrington	Checked By: W. Warrington
-------------------------	--------------------------------	---------------------------------	------------------------------