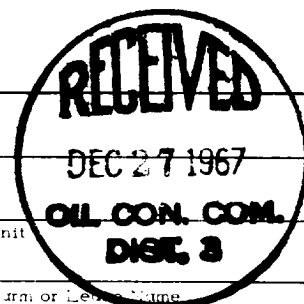


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 12/14/67	
Company Southern Union Production Co.				Operator Southern Union Gas Company			
Field Basin				Formation Dakota		Unit	
Completion Date 12/5/67		Total Length 7905		Perforations From 7618 To 7834		Elevation 6803	
Well No. 8		Set At 3713		Perforations From 7707 To 7715		Furn or Lease Name Jicarilla "E"	
Tub. Size 1-1/2" JUE		Set At 7715		Unit C 15 26N 4W		Sec. Twp. Rge.	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual - Gas - Gas				Packer Set At 7545		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F a		Mean Annual Temp. °F 12		State New Mexico	
L 7697		H		Gg		Prover	
				% CO ₂		% H ₂ S	
				% N ₂		Meter Run	

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	
1	2"						1395				8 days
2							228	64			3 h.s.
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		240	.9962	.9238	1.027	2,811
2							
3							
4							
5							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1					A.P.L. 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 _____ H _____ R

NO.	P _t	P _w	P _w ²	P _t ² - P _w ²	(1) $\frac{P_t^2}{P_t^2 - P_w^2} = 1.6080$	$\left[\frac{P_t^2}{P_t^2 - P_w^2} \right]^n = 1.4279$
1	57,600	867	751,689	1,236,411		
2						
3						
4						
5						

Absolute Flow _____ Mcfd @ 15.025				Angle of Slope @ _____		Slope, n .75	
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Remarks: _____			
ORIGINAL SIGNED BY WAYNE WARRINGTON			
Approved By Commission:		Conducted By: W. Warrington	
Calculated By: W. Warrington		Checked By: W. Warrington	