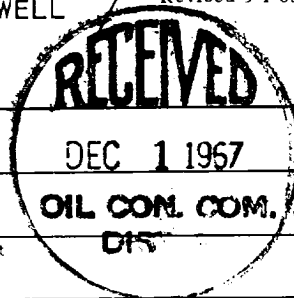


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 11/22/67		DEC 1 1967 OIL COM. COM. DIS			
Company Southern Union Production Co.				Connection Southern Union Gas Company					
Pool Basin				Formation Dakota					
Completion Date 11/13/67		Total Depth 8014		Plug Back TD 8010		Elevation 6954		Farm or Lease Name Jicarilla "E"	
Casing Size 7-5/8"		WT. 26.40		Set At 3844		Perforations: From 7800 To 7980		Well No. 7	
Tubg. Size 1-1/2"		WT. 2.90		Set At 7877		Perforations: From 7869 To 7877		Unit Sec. Twp. Rge. P 15 26N 4W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual - Gas - Gas						Packer Set At 7700		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _a 12		State New Mexico	
L 7859		H		Gg .700		% 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	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"				2224				7 days
1.							210	60			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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.3650		222	1.0000	.9258	1.026	2,607
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 2236	P _c ² 4,999,696	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.1513}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.1114}$
NO.	P _t ²	P _w	P _w ²
1	49,284	810	656,931
2			
3			
4			
5			

Absolute Open Flow 2,897 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
Remarks: _____			
Approved By Commission:		Conducted By: ORIGINAL SIGNED BY WAYNE WARRINGTON	Calculated By: ORIGINAL SIGNED BY WAYNE WARRINGTON
		Checked By: ORIGINAL SIGNED BY WAYNE WARRINGTON	