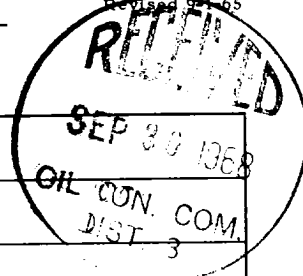


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 1-65



Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 9/26/68	
Company SOUTHERN UNION PRODUCTION CO.		Connection SOUTHERN UNION GAS COMPANY	
Pool UNDESIGNATED		Formation GALLUP	
Completion Date 9/7/68		Total Depth 8240	Plug Back TD 8196
		Elevation 7146	Farm or Lease Name JICARILLA "A"
Csg. Size 7.823	Wt. 26.40	d 6.969	Set At 4054
			Perforations: From 7510 To 7526
Tbg. Size 1.900	Wt. 2.75	d 1.610	Set At 7491
			Perforations: From 7483 To 7491
Type Well - Single - Bradenhead - G.G. or G.O. Multiple DUAL - GAS - GAS			Packer Set At 7900
Producing Thru TUBING			County RIO ARRIJA
Reservoir Temp. °F a			State NEW MEXICO
Mean Annual Temp. °F a			Baro. Press. - P _a 12
L 7471	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"				1335		1335		17 DAYS
1.							164	51°	758		3 HOURS
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		176	1.0088	.9258	1.021	2.075
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	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 1347	P _c ² 1,814,409	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.4854}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.3455}$
NO	P _t ²	P _w	P _w ²
1		770	592,900
2			
3			
4			
5			

Absolute Open Flow 2,792 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
Remarks: _____			
Approved By Commission:	Conducted By: VAL A. RIPPER	Calculated By: KENNETH E. RODDY	Checked By: KENNETH E. RODDY