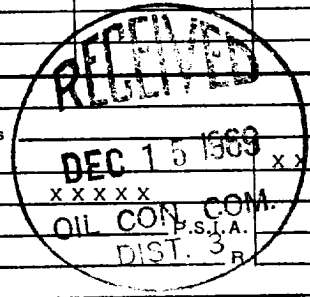


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 12/12/69	
Company SOUTHERN UNION PRODUCTION COMPANY SOUTHERN UNION GAS COMPANY					Connection	
Pool BASIN					Formation DAKOTA	
Completion Date 11/30/69		Total Depth 7514		Plug Back TD 7496		Elevation 6704
Csg. Size 7.625					Well No. 12	
Wt. 26.40		d 6.969		Set At 3222		Perforations: From 7230 To 7426
Tbg. Size 2.375		Wt. 4.70		d 4.052		
Set At 7336		Perforations: From 7320 To 7336		Unit 0		Sec. 2
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE		Packer Set At		County RIO ARriba		Twp. 25N
Producing Thru TUBING		Reservoir Temp. °F @		Mean Annual Temp. °F 12		Rge. 5W
Baro. Press. - P _a 12		State NEW MEXICO		Prover		Meter Run
L 7316		H		Gg .700		% CO ₂
% N ₂		% H ₂ S		Prover		Meter Run
Taps		FLOW DATA		TUBING DATA		CASING DATA
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F
SI	2"		3/4"			
1.						
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
1	12.3650		210	.9990	.9258	1.023
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 _____	
3.					Specific Gravity Flowing Fluid _____	
4.					Critical Pressure _____ P.S.I.A.	
5.					Critical Temperature _____ R	
						
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0716$	
1		606	367,236	5,127,100	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0532$	
2						
3						
4						
5						
Absolute Open Flow 2588 Mcfd @ 15.025					Angle of Slope θ _____ Slope, n 0.75	
Remarks: _____						
Approved By Commission:		Conducted By: VAL A. RIPPER		Calculated By: KENNETH E. RODDY		Checked By: KENNETH E. RODDY