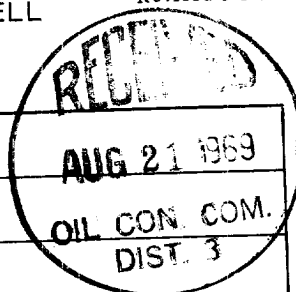


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 8/19/69	
Company SOUTHERN UNION PRODUCTION CO.		Connection SOUTHERN UNION GAS COMPANY	
Pool BLANCO		Formation MESAVERDE	
Completion Date 8/9/69		Total Depth 8422	Plug Back TD 8401
Elevation 7342		Farm or Lease Name JICARILLA "G"	
Csg. Size 7.625	Wt. 26.40	d 6.969	Set At 4240
Perforations: From 5625 To 5770		Well No. 5	
Thg. Size 1.900	Wt. 2.90	d 1.610	Set At 5637
Perforations: From 5629 To 5637		Unit Sec. Twp. Rge. L 12 26N 5W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple DUAL - GAS - GAS		Packer Set At 8120	County RIO ARriba
Producing Thru TUBING	Reservoir Temp. °F @	Mean Annual Temp. °F 12	State NEW MEXICO
L 8108	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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	2"		3/4"				977		977		10 DAYS
1.							205	51°	864		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		217	1.0088	0.9258	1.027	2,574
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 989	P _c ² 978,121	P _w ² 876	P _w ² 767,376	P _c ² - P _w ² 210,745
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1				
2				
3				
4				
5				

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \underline{4.6413}$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{8139}$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{3.1620}$$

Absolute Open Flow 8,139 Mcfd @ 15.025	Angle of Slope θ _____	Slope, n 0.75
Remarks: _____		

Approved By Commission:	Conducted By: KENNETH E. RODDY	Calculated By: KENNETH E. RODDY	Checked By: KENNETH E. RODDY
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