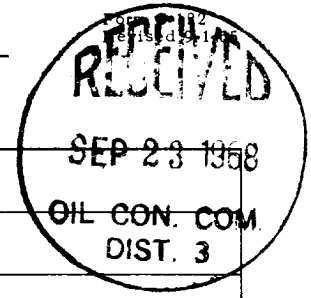


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 9/19/68						
Company SOUTHERN UNION PRODUCTION CO.					Connection SOUTHERN UNION GAS COMPANY						
Pool BASIN					Formation DAKOTA						
Completion Date 8/29/68			Total Depth 8045		Plug Back TD 3004		Elevation 6941		Farm or Lease Name JICARILLA "A"		
Cst. Size 7.625		Wt. 26.40		d 6.969		Set At 3796		Perforations: From 7772 To 7986		Well No. 10	
Tub. Size 1.900		Wt. 2.90		d 1.610		Set At 7700		Perforations: From 7692 To 7700		Unit Sec. Twp. Rge. 0 23 26N 4W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple					Packer Set At 7696			County RIO ARriba			
Producing Thru TUBING			Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12		State NEW MEXICO		
L 7680		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"				1856				14 DAYS
1.							65	64°			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		77	.9962	.9258	1.000	878
2							
3							
4							
5							

NO.	P _t	Temp. °R	T _f	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 1868	P _c ² 3,489,424	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0215$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0160$
NO.	P _t ²	P _w	P _w ²
1	5929	73,600	3,415,824
2			
3			
4			
5			

ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 892$

Absolute Open Flow 892 Mcfd @ 15.025

Angle of Slope θ _____

Slope, n .75

Remarks: _____

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