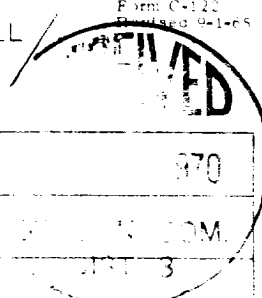


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test ☒ Multi-Point ☐ One-Point		Date 12/7/65		Well No. 970	
Produced By SOUTHERN UNION PRODUCTION CO.		Operator EL PASO NATURAL GAS COMPANY		County EL PASO	
Location OTERO		Section GA 10P		Twp. & Range 36 N 10 E	
Test Date 8/23/70		Test Time 11:00		Circulation "A"	
Flow Rate 5.500	Pressure 15.5	Set At 14.5	Perforations From 200 To 212	Well No.	
Flow Rate 2.065	Pressure 14.5	Set At 13.8	Perforations From 200 To 212	Well No. K	Sec. & Twp. 2 N 10 E
Type Well - (Circle) - Br. for br., G.G. for G.O. or G.C. for G.C.			Facker Data -0.00		
Production Date TURNING			Baro. Press. 10		
Flow Rate 5.500			Well No. New Mexico		

FLOW DATA						TUBING DATA		CASING DATA		Duration Flow
NO	Prover Line Size	Orifice Size	Press. p.s.i.g.	Dis. bw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
1	2"	1/4"				1000	60	1000	60	4 DAYS
2										10 HRS.
3										
4										
5										

RATE OF FLOW CALCULATIONS									
NO.	Coefficient (24 Hours)	$\sqrt{\text{Flow Rate}}$	Pressure	Flow Rate	Pressure	Flow Rate	Pressure	Flow Rate	Pressure
1	1.365								
2									
3									
4									
5									

NO	r_e	Temp. °F	μ	Gas-Liquid Hydrocarbon Ratio	Specific Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1						XX			
2									
3									
4									
5									

NO	r_w	R^2	$R^2 - 1$	$\frac{R^2}{R^2 - 1}$	$\frac{R^2}{R^2 - 1} - 1$
1	200	40000	39999	1.000025	0.000025
2					
3					
4					
5					

Atmospheric Pressure: 500 Mole % H₂O: 15.02% Angle of Slope: 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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