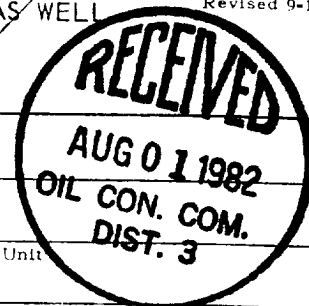


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 5-26-82	
Company Southern Union Exp. of Texas				Connection	
Pool Undesignated				Formation Gallup	
Completion Date 5-19-82		Total Depth 8420		Plug Back TD 8396.64	
				Elevation 6699' GR	
Csg. Size 5.500		Wt. 17#		Set At 8420	
Tbg. Size 2 1/16		Wt. 3.25#		Set At 7542	
Perforations: From 7574 To 7926				Well No. State # 1	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual G.G.				Packer Set At 8190	
Producing Thru Tbg.				Reservoir Temp. °F 220 @ 8420	
Mean Annual Temp. °F				Baro. Press. - P _a	
County San Juan				State New Mexico	
L		H		G _g	
				% CO ₂	
				% N ₂	
				% H ₂ S	
				Prover 3/4 Choke	
				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.	
SI							2755		2910	
1.		.750		14		78			421	
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12,365		26	0.9831	0.9608	1.003	305
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 .650 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 2767	P _c ² 7656289	
NO	P _t ²	P _w
1	433	187489
2		
3		
4		
5		

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.0251$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 311$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0188$$

Absolute Open Flow	311	Mcf/d @ 15.025	Angle of Slope °	Slope, n .75
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Remarks: Well tested thur a 3/4 " Variable choke

Approved By Commission:	Conducted By: C. R. Wagner	Calculated By: C. R. Wagner	Checked By:
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