

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 9/21/73	
Company Southern Union Production Co.		Connection Southern Union Gathering Co.	
Pool Undesignated		Formation Fruitland	
Completion Date 7/26/73	Total Depth 3086	Plug Back TD 3052	Elevation 6166
Farm or Lease Name Seymour		Well No. 9	
Csg. Size 4.500	Wt. 9.50	Set At 3084	Perforations: From 2640 To 2962
Tbg. Size 1.900	Wt. 2.90	Set At 2634	Perforations: From To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At	County San Juan
Producing Thru Tubing	Reservoir Temp. °F @	Mean Annual Temp. °F	Baro. Press. - P _a 12
State New Mexico		Unit F 23 31N 9W	
L 2623	H	Gg 0.620	% 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"				1361		1361		7 Days
1.							45	72°	255		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		57	0.9887	0.9837	1.000	685
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	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 1373	P _c 1,885,129	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.0393}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.0333}$
NO	P _t ²	P _w	P _w ²
1		267	71,289
2			
3			
4			
5			

Absolute Open Flow 708 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n 0.85
Remarks: _____			

Approved By Commission:	Conducted By: Kenneth E. Roddy	Calculated By: Kenneth E. Roddy	Check By:
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