

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		Date 10/14/75	
Company Southern Union Production Co.		Connection Southern Union Gathering Company	
Pool Blanco		Formation Mesaverde	
Completion Date 10/6/75	Total Depth 6000	Plug Back TD 5934	Elevation 6507 Gr.
Fam. or Lease Name Seymour		Well No. 6-A	
Csg. Size 7.988	Wt. 18.90	d 4.652	Set At 3400-5960
Tbg. Size 2.0625	Wt. 3.25	d 1.750	Set At 5632
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At	
Producing Thru Tubing		Baro. Press. - P_a 12	
Reservoir Temp. °F @		Mean Annual Temp. °F	
County San Juan		State New Mexico	
L 5614	H	Gg 0.700	% 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"				767		767		7 Days
1.							46	54°	689		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 F _g	Super Compress. Factor, F _{sp}	Rate of Flow Q, Mcfd
1	12.3650		58	1.0058	0.9258	1.000	668
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 779	P _c ² 606,841	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 5.2568$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3.4717$
NO.	P _t ²	P _w	P _w ²
1		701	491,401
2			
3			
4			
5			

Absolute Open Flow 2319 Mcfd @ 15.025		Slope, n 0.75	
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Remarks: _____

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