

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

Form C-103
Revised 6-1-65

Type Test ☒ Initial ☐ Annual ☐ Special		Date 9/15/75	
Company Southern Union Production Co.		Connection Southern Union Gathering Company	
Pool Blanco		Formation Mesaverde	
Completion Date 9/3/75	Total Depth 5515	Wellbore ID 5476	Elevation 6095 Gr.
Drill Bit Size 7.30 4.50		Wt. 23.00 10.50	Set At 6.356 4.052
Tub. Size 2.0625		Wt. 3.25	Set At 1.750
Type Well - Single - Bradenhead - G.C. or C.O. Multiple Single		Lease Name Nordhaus	
Producing Thru Tubing		Mean Annual Temp. °F 12	
L 5.253		H 0.700	
Gg 0.700		% CO ₂	
N ₂		H ₂ S	
Pressure		Area Run	
Taps		New Mexico	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. in W	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F
1	2"		3/4"				674	60°	674	
2							112		485	
3										
4										
5										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{P_m F_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Base Compress. Factor F _c	Rate of Flow Q, Mscf
1	12.3650		124	1.0000	0.9258	1.014	1439
2							
3							
4							
5							

NO.	P _r	Temp. °R	Z	Gas-Liquid Hydrocarbon Ratio	A.P.G. Gravity - Liquid Hydrocarbons	Specific Gravity - Separator Gas	Specific Gravity - Flowing Fluid	Critical Pressure	Critical Temperature
1									
2									
3									
4									
5									

NO.	P _r	P _w	F _w ²	P _r ² - P _w ²
1		4.97	247,009	223,587
2				
3				
4				
5				

Absolute Open Flow		2515	
Slope, n		0.75	

Remarks: CORRECTED TEST	
-------------------------	--

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