

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 12-19-72	
Company Southern Union Production Co.				Connection Southern Union Gas Company		
Pool Blanco				Formation Mesaverde		Unit
Completion Date 11-30-72		Total Depth 6065		Plug Back TD 6045		Elevation 7155 RKB
Farm or Lease Name Jicamilla "D"		Well No. 11				
Co. Size 7.000"	Wt. 23.00	Set At 3888-6050	Perforations: From 5942 To 6024		Unit 11	
Tbg. Size 1.900	Wt. 2.90	Set At 5850	Perforations: From To		Unit A Sec. 29 Twp. 26N Rge. 3W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual Gas - Gas				Packer Set At 5850		County Rio Arriba
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		State New Mexico
L 5840	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	
1	2"		3/4"				1200				7 Days
2							52	50°			3 Hours
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		64	1.0098	0.9258	1.000	740
2							
3							
4							
5							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separable Gas	Specific Gravity Flowing Fluid	Critical Pressure P.S.I.A.	Critical Temperature R
1										
2										
3										
4										
5										

NO.	P _c	P _w	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1	1212	1,468.944	42,222	1.0296	1.0221
2					
3					
4					
5					

Absolute Open Flow **756** Mcfd @ 15.025 Angle of Slope ϕ Slope, n **0.75**

Remarks:

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