

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

Form C-122
 Revised 9-1-65

Type of Test		Date		9-20-79	
Company		Operator			
Lynco Oil Corporation		Mesaverde			
Blanco Mesaverde		Mesaverde			
Completion Date		5225		5112	
9-20-79		5225		6141 KB	
Well No.		Schumacher		IA	
Perforations:		From 4955 To 4993		open ended	
Perforations:		From 4990' To			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple		Packer Set At		None	
Single - Gas		Baro. Press. - P ₁		State	
Producing Thru tubing		Reservoir Temp. °F		Mean Annual Temp. °F	
C		H		Gg	
60		60°		12.0	
Prover		Meter Run		2"	
Casing Data		Tubing Data		Flow Data	
NO	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw
1	2"	x	3/4"	805	204
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
1	12.365		214	1.000	.9608
2					
3					
4					
5					
NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio
1					A.P.I. Gravity of Liquid Hydrocarbons
2					Specific Gravity Separator Gas
3					Specific Gravity Flowing Fluid
4					Critical Pressure
5					Critical Temperature
$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \frac{1}{1 - \frac{P_w^2}{P_c^2}}$ $(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1}{1 - \frac{P_w^2}{P_c^2}}$					
NO.	P _c	P _w	P _w	P _c	P _c
1					
2					
3					
4					
5					
Date: 9-20-79 Remarks: * 7" 0.25 2800 4 1/2" 2801-5225 CONSERVATION DIVISION					
Approved by Commission		Conducted By:		Calculated By:	
		Larry Schmeits		Larry Fundingsland	
				Checked By:	