

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLForm C-122
Revised 9-1-66

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 11-22-78	
Company Jerome P. McHugh				Connection		
Pool Blanco Mesaverde				Formation Mesaverde		Unit
Completion Date 10-28-78		Total Depth 6300'		Plug Back TD 6220'		Elevation 7184'
Form or Lease Name Chris		Well No. 3				
Csg. Size 4-1/2	Wt. 10.5	d	Set At 6265'	Perforations: From 5806 To 6204		Unit Sec. Twp. Rge. 21 27 3
Tbg. Size 1-1/4	Wt. 2.4	d	Set At 6156'	Perforations: From Open To Ended		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single Gas				Packer Set At		County Rio Arriba
Producing Thru Tbg		Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _a
State NM						
L	H	Gg .65	% 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							1300		1670		7 days
1.											
2.											
3.	3/4" Pos Choke						18	660	1270		3 hrs
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							
2							
3	12.365		30	.9943	.9608	1.000	354
4							
5							

NO.	P _t	Temp. °R	T _f	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

NO.	P _t	P _w	P _c	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						
2						
3	1282	1643524	1185600		2.3862	1.9199
4						
5						

Absolute Open Flow _____ 680 _____ Mcfd @ 15.025		Angle of Slope θ _____	Slope, n _____ .75
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Remarks: Heavy spray of water during test			
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Approved By Commission:	Conducted By: Hall	Calculated By: Hall	Checked By:
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