

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLForm C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 7-2-70	
Company Jerome P McHugh		Connection	
Pool So. Blanco P.C.		Formation Pictured Cliffs	
Completion Date 6-11-70		Total Depth 3085	Flow Back TD 3025
		Elevation 6635 GR	
Casing Size 4 1/2"		Well No. 1	Form or Lease Name Oxnard
Well	Set At 3074	Perforations: From 2970 To 3012	
Thg. Size 1 1/4"	Well 2.4#	Set At 2985	Perforations: From Open End To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At	
Producing Thru T6g.	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. - P _g
L	H	G _g	Prover
		% CO ₂	% N ₂
		% H ₂ S	Meter Run
			Taps
State New Mexico		County San Juan	

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.	
SI							717		717	
1.										
2.	3/4" pos. ch.			26		60°			227	3 Hr.
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mc/d
1							
2	12.365		38	1.000	.9837	1.000	462
3							
4							
5							

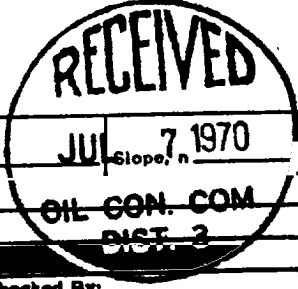
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2					Specific Gravity Separator Gas _____ XXXXXXXXXX
3					Specific Gravity Flowing Fluid _____ XXXXXX
4					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5					Critical Temperature _____ R _____ R

P _c 729	P _c ² 531,441	(1) $\frac{P_c^2}{P_r^2 - P_w^2} = 1.1095$	(2) $\left[\frac{P_c^2}{P_r^2 - P_w^2} \right]^{n \cdot 85} = 1.0923$
NO.	P _r ²	P _w	P _w ²
1			
2	239	52,441	479,000
3			
4			
5			

AOF = Q $\left[\frac{P_c^2}{P_r^2 - P_w^2} \right]^n = 505$

Absolute Open Flow 505 Mc/d @ 15.025 Angle of Slope @ _____

Remarks: Slight spray wtr throughout test



Approved By Commission:	Conducted By:	Calculated By:	Checked By:
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