

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 12-9-75	
Company Jerome P. McHugh			Connection		
Pool Wildcat			Formation Pictured Cliffs		Unit
Completion Date 12-1-75		Total Depth 1480'		Plug Back TD 1420'	
				Elevation 5962' GR	
Farm or Lease Name Wayout			Well No. 1		
Csg. Size 2-7/8"	Wt. 6.4#	d	Set At 1459'	Perforations: From 1343' To 1357'	
Tbg. Size	Wt.	d	Set At	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single - Gas			Packer Set At		County San Juan
Producing Thru Casing		Reservoir Temp. °F @	Mean Annual Temp. °F	Baro. Press. - P _a New Mexico	
L	H	Gg .62	% 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											7 days
1.											
2.											
3.	5/8" Pos Choke			6		56°			6		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	8.5417		18	1.004	.9837	1.000	151
4							
5							

NO.	P _t	Temp. °R	Tr	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 _____ XXXXX
4.				Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.				Critical Temperature _____ R _____ R

P _c 283	P _c ² 80,089			
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1				
2				
3		18	324	79,765
4				
5				

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \frac{1.004}{1.000}$$

$$ACF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 151$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0000$$

Absolute Open Flow	151	Mcf/d @ 15.025	Angle of Slope θ	Slope, n .85
Remarks:				

Approved By Commission:	Conducted By: Charles Hall	Calculated By: Charles Hall	Checked By:
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