

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 6-12-76	
Company Engineering & Production Service				Connection None			
Pool Wildcat				Formation LaVentana		Unit	
Completion Date 6-12-76		Total Depth 4199		Plug Back TD 2210		Elevation 7170	
Farm or Lease Name Tall Pine							
Csq. Size 4 1/2	Wt. 10.5	d	Set At 4038	Perforations: From 2066 To 2088		Well No. 1	
Tbg. Size 2 3/8	Wt. 4.7	d	Set At 2121	Perforations: From 2144 To 2158		Unit Sec. Twp. Rge. P 26 22 6	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County Sandoval	
Producing Thru casing		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a	
State New Mexico							
L	H	G _g .680	% 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	Temp. °F	
SI							275			
1.										
2.	This well must be pumped to produce gas.									
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. Factor F _{sp}	Rate of Flow Q, Mcf/d
1							
2							
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 _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P _i ²	P _w ²	P _r ²	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						
4						
5						

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

Absolute Open Flow _____ Mcf/d @ 15.025

Angle of Slope @ _____

Slope, n _____

Remarks: _____

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