

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

Form C-122
Revised 9-1-65

RECEIVED

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date MAY 17, 1981		MAY 19 1981	
Company PERRY R. BASS				Connection NATURAL GAS PIPELINE CO. OF AM.		O.C.D.	
Pool WILDCAT UNIT				Formation WOLF CAMP		Unit ARTESIA, OFFICE	
Completion Date MAY 16, 1981		Total Depth 15,345'		Plug Back To 14,780'		Elevation 3437' GL	
Casing Size 5"		Wt. 18		Set At 15,345'		Perforations: From 12,950 1/2' To 12,992 1/2'	
Tub. Size 2 3/8"		Wt. 4.7		Set At 12,830		Perforations: From — To —	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple SINGLE				Packer Set At 12,270'		County EDDY	
Producing Thru TUBING		Reservoir Temp. °F 8		Mean Annual Temp. °F —		Baro. Press. - P _a —	
L —		H —		C _g —		% CO ₂ —	
				% N ₂ —		% H ₂ S —	
				Prover —		Meter Run —	
				Taps —		State NEW MEXICO	

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.	
1.										
2.										
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, Mcfd
1.							
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1.										
2.										
3.										
4.										
5.										

NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²
1.				
2.				
3.				
4.				
5.				

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

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

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope @ _____	Slope, n _____
--	------------------------	----------------

Remarks: **ONE DAY FLOWING POTENTIAL 6006 MCF + 77 BC + 0 BW IN 24 HRS.**
*** SUBMITTED IN LIEU OF 4 POINT * 4 POINT WILL BE RUN AS PRESSURES PER MIT RE: GRESSETT / ARTESIA / NMOC D**

Approved By Commission:	Conducted By: <i>M. Cunningham</i>	Calculated By:	Checked By:
-------------------------	---------------------------------------	----------------	-------------