Submit in duplicate to appropriate district office.
See Rule 401 & Rule 1122

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-122
Revised October, 1999

RECEIVED
OCD ARTESIA

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator	NADEL & GUSSMAN PERMAIN LLC				Lease or Unit Name	MOON CO. TRUST			
Type Test: ☑ Initial ☐ Annual ☐ Special					Test Date		Well No. 1		
Completion Date	Total Depth 8700			Plug Back TD 8594		Elevation 4077 GL	Unit Ltr - Sec - TWP - Rge N 25 8S 29E		
Csg. Size 5 1/2	Wt. 17	d 4.892	Set At 8700	Perforations: From: 8458	To: 8467		County CHAVES		
Tbg. Size 2 7/8	Wt. 6.5	d 2.441	Set At 8372	Perforations: From:	To:		Pool Broke Tank Lake Atoka		
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE				Packer Set At 8372			Formation ATOKA		
Producing Thru Tubing	Reservoir Temp.°F 157.7		Mean Annual Temp. °F 60	Baro. Press.-P_a 13.2			Connection SALES		
L 8372	H 8372	Gg 0.714	$\%CO_2$ 0.719	$\%N_2$ 1.322	$\%H_2S$ N/A	Prover N/A	Meter Run 2.067		Taps FLG

	FLOW DATA				TUBING DATA		CASING DATA		
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	Duration of Flow
SI					1500	N/A	PKR	N/A	
1	2.067 X 1.500	50	102	72	740				1 HR
2									1 HR
3									1 HR
4									1 HR
5									

RATE OF FLOW CALCULATIONS

No.	COEFFICIENT (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor Ft.	Gravity Factor F_g	Super Compress Factor F pv	Rate of Flow Q. Mcfd
1							1128
2							
3	TOTAL	FLOW	METER				
4							
5							

No.	P_r	Temp. °R	T_r	Z
1				
2	TOTAL	FLOW	METER	
3				
4				
5				

P_c 1513.2 P_c2 2289.8

No.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	567.3	761.8	580.3	1709.5
2				
3				
4				
5				

Gas Liquid Hydrocarbon Ratio N/A Mcf bbl.
A.P. I. Gravity of Liquid Hydrocarbons N/A Deg.
Specific Gravity Separator Gas 0.714 XXXXXXX
Specific Gravity Flowing Fluid XXXXX
Critical Pressure 663 P.S.I.A. ____ P.S.I.A.
Critical Temperature 388 R. ____ R

(1) $\dfrac{P_c^2}{P_c^2 - P_w^2} =$ 1.339 (2) $\left[\dfrac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 1.339

AOF = Q $\left[\dfrac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 1.511

Absolute Open Flow 1.511 Mcfd @ 15.025 | Angle of Slope (): 45 | Slope n: 1

Remarks: * NO LIQUID MADE DURING TEST.

Approved By Division:	Conducted By:	Calculated By:	Checked By:
	PRO WELL TESTING	MERV BUECKER	BM