

☒ Initial ☐ Annual ☐ Special		Test Date 6-16-82		AUG 4 1982	
Company THE PETROLEUM CORP. of DELAWARE			Connection EPNG		O. C. D.
Pool Undesignated Parkway West			Formation Morrow		Unit ARTESIA, OFFICE
Completion Date 2-17-82		Total Depth 11,434		Plug Back TD 11,360	
Elevation 3-0636		Form or Lease Name Parkway West			
Casing Size 4 1/2		WT. 16.25		d 4.082	
Set At 11,434		Perforations: From 10,742 To 11,189		Well No. 3	
Tubing Size 2 3/8		WT. 4.70		d 1.995	
Set At 10,643		Perforations: From To		Unit Sec. Twp. Rng. K 29 19 29	
Type etc. - Single - Bradenhead - G.C. or C.C. Multiple Single				Packer Set At 10,600	
Producing thru Tbg.				State New Mexico	
Reservoir Temp. °F 183 @ 10,965		Mean Annual Temp. °F 60		Baro. Press. - P ₀ 13.2	
L 10,643		H 10,643		G _g .637	
% CO ₂ .33		% N ₂ 1.20		% H ₂ S .	
Proven .		Meter Run 4"		Taps Flg.	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Flow Line Size	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	of Flow
1.	4 X 1.500		368	.64	72	1183				45 min.
2.	4 X 1.500		376	4.84	70	1112				60 min.
3.	4 X 1.500		382	8.41	67	996				60 min.
4.	4 X 1.500		389	15.21	67	799				60 min.

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{V_i P_{mi}}$	Pressure P _{mi}	Flow Temp. Factor F _t	Gravity Factor F _g	Super. Compress. Factor, F _{sp}	Rate of Flow Q, Mgd
1	10.84	15.62	381.2	.9887	1.253	NIL	210
2	10.84	43.40	398.2	.9905	1.253	"	584
3	10.84	57.65	395.2	.9933	1.253	"	778
4	10.84	78.21	402.2	.9933	1.253	"	1,055

NO.	F _t	Temp. °R	F _g	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/ybbl.	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
1	.57	532	1.46	NIL	NIL	NIL
2	.58	530	1.45	NIL		
3	.59	527	1.44	NIL		
4	.60	527	1.44	NIL		

NO.	P ₀	P ₁	P ₂	P ₃	P ₄	P ₅
1	1,267.2	1,605.8				
2	1430.9	1432.4	173.4			
3	1266.1	1267.6	338.2			
4	1018.5	1020.0	585.8			
5	832.1	833.6	772.2			

$$\frac{P_0^2}{P_0^2 - P_1^2} = 2.080$$

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$$\frac{P_0^2}{P_0^2 - P_1^2} = 2.194$$

Absolute Open Flow 2,194		Angle of Slope 45°		Slope, n 1.000	
Made no fluid during test.					

Approved by Division EL PASO EXPLORATION CO. Bill Rea & Roy McGowen	Checked by EL PASO EXPLORATION CO. Roy McGowen
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100 - 100 in thousands
467400

