

Form C-122
Revised 9-1-65

☒ Semi-Annual ☐ Annual ☐ Special Test Date: 8/27/71	
Company: Paterson Production Company Connection: None	
Well Name: Paterson 1 Perforation: Clisco Unit:	
Total Depth: 7636 Plug Back TD: 7636 Elevation: 4418' RDB Form or Lease Name: Paterson	
Set At: 7636 Perforation: From 7632 To 7766 Well No.: 1	
Set At: 7631 Perforation: From 7632 To 7766 Unit: Sec. 19 Twp. 5 Rge. 33	
G.C. or G.O. Multiple: 7416 Packer Set At: 7416 County: Boone	
Mean Annual Temp. °F: 60 Serc. Press. - P _g : 13.2 State: Mississippi	
G _g : 0.735 % CO ₂ : 0.71 % N ₂ : 8.25 % H ₂ S: 0.00 Prover: - Meter Run: 3" Temp: Flow	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Flow 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	of Flow
1	3.000	x	3.250	180	10	79	1814	60	Pkr	-	90 hrs
2	3.000	x	3.250	265	15.5	77	1695	60	Pkr	-	1 hr
3	3.000	x	3.250	325	20.0	73	1561	60	Pkr	-	1 hr
4	3.000	x	3.250	380	24.0	73	1443	60	Pkr	-	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	28.78	45.09	203.2	0.9822	1.166	1.019	1,514
2	28.78	65.67	278.2	0.9860	1.166	1.027	2,227
3	28.78	82.24	338.2	0.9877	1.166	1.033	2,816
4	28.78	97.15	393.2	0.9877	1.166	1.040	3,349
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NO.	P _r	Temp. °R	T _r	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	0.31	539	1.43	0.963	27.7	70.5	0.735		657	377
2	0.42	537	1.42	0.949						
3	0.51	533	1.41	0.937						
4	0.60	523	1.41	0.925						
5										

Absolute Open Flow: **7,210** Mcfd @ 15.025
 Angle of Slope: **0.890**

Remarks: * P_c & P_w Measured with bottom hole pressure bomb

Approved By: <i>[Signature]</i> Conducted By: Al Klear Calculated By: Ed Snook Checked By: Ed Snook

RECEIVED

SEP 7 1971

OIL CONSERVATION COMM.
HOBBS, N. M.