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C-122
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Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 2-18-75		MAR 26 1975	
Company Coquina Oil Corp.			Connection None		
Pool So. Carlsbad			Formation Morrow		
Completion Date 2-18-75		Total Depth 12,128		Plug Back To 12,127	
				Elevation 3286 KB	
Csg. Size 4 1/2		Wt. 11.6		Well No. No. 1	
Tub. Size 2 3/8		Wt. 4.7		Perforations: From 12,013 To 12,022	
				Perforations: From 11,983 To 11,989	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At 11,983	
Producing thru Tubing				State New Mexico	
L 12,033		H 12033		Gg .63	
				% CO ₂ 0	
				% N ₂ 0	
				% H ₂ S 0	
				Prover 3.068	
				Meter Run Flange	
FLOW DATA TUBING DATA CASING DATA Duration of Flow					
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw
1.	3.068		1.625	208	4
2.	3.068		1.625	208	7
3.	3.068		1.625	210	12
4.	3.068		1.625	214	19.5
5.					
RATE OF FLOW CALCULATIONS					
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg
1.	13.24	29.75	221.2	.9741	1.260
2.	13.24	39.35	221.2	.9551	1.260
3.	13.24	51.75	223.2	.9671	1.260
4.	13.24	66.56	227.2	.9768	1.260
5.					
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio
1.	.33	548	1.49	.966	None Made
2.	.33	570	1.55	.970	None Made
3.	.33	556	1.51	.966	
4.	.34	545	1.48	.965	
5.					
A.P.I. Gravity of Liquid Hydrocarbons None Made Deg.					
Specific Gravity Separator Gas .630 X X X X X X X X					
Specific Gravity Flowing Fluid X X X X X					
Critical Pressure 670 P.S.I.A. P.S.I.A.					
Critical Temperature 368 R R					
F _c 4124.2 P _c ² 17,009					
NO.	F _r	P _w	P _w ²	F _r ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2783$
1.		3520.2	12392	4617	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2184$
2.		3231.2	10441	6568	
3.		2694.2	7259	9750	
4.		1924.2	3703	13306	
5.					
Absolute Open Flow 1,345 Mcd @ 15.025					Angle of Slope 52
					Slope, n .80
Remarks: PW Substituted for PT - Measured With Amerada Element No. 35745 - 6300# Element					
Approved By Commission:		Conducted By:		Checked By:	