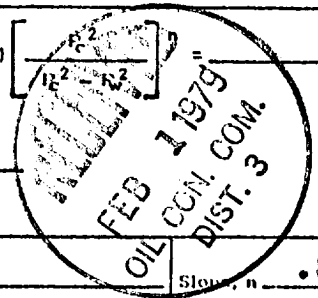


MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL.

Type Test <input checked="" type="checkbox"/> Initial (Recompletion) <input type="checkbox"/> Special				Test Date 1-2-1979							
Company Palmer Oil & Gas Company N.M.P.			Connection								
Pool			Formation Pictured Cliff		Unit						
Completion Date 12-26-1978		Total Depth 6055	Plug Back TD 5455	Elevation	Farm or Lease Name Stevenson						
Cng. Size 4.500	Wt. 10.5	d 4.052	Set At 6087	Perforations: From 3607-3620 to 3645-3675							
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 3631	Perforations: From Open To Ended							
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single			Packer Set At		County Rio Arriba						
Producing Thru Casing		Reservoir Temp. °F @	Mean Annual Temp. °F	Baro. Press. - P <sub>a</sub> 12 psi (est)							
L	H	Gg	% CO <sub>2</sub>	% N <sub>2</sub>	% H <sub>2</sub> S						
Prover		Meter Run		Taps							
FLOW DATA											
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h <sub>w</sub>	Temp. °F	TUBING DATA		CASING DATA		Duration of Flow
							Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	7 days								621		
1.	2 inch	.375							0		3 hrs
2.											
3.											
4.											
5.											
RATE OF FLOW CALCULATIONS											
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P <sub>m</sub>	Flow Temp. Factor Ft	Gravity Factor Fg	Super Compress. Factor, F <sub>pv</sub>	Rate of Flow Q, Mcfd				
1			0	60			*20MCF/D				
2.			* Tested through a .375 orifice plate and a 2" orifice tester. Pressure on tester at the end of 3 hours was 30 inches of water.								
3.											
4.											
5.											
NO.		P <sub>t</sub>	Temp. °R	T <sub>r</sub>	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.					
1.						A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.					
2.						Specific Gravity Separator Gas _____ XXXXXXXXXX					
3.						Specific Gravity Flowing Fluid _____ XXXXX					
4.						Critical Pressure _____ P.S.I.A. _____ P.S.I.A.					
5.						Critical Temperature _____ R _____ R					
NO.		P <sub>t</sub> <sup>2</sup>	P <sub>w</sub> <sup>2</sup>	P <sub>c</sub> <sup>2</sup>	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	(1) $\frac{P_c^2}{P_w^2 - P_c^2} =$ _____					
1						(2) $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____					
2											
3											
4											
5											



Absolute Open Flow \_\_\_\_\_ Mcfd @ 15.025 Angle of Slope @ \_\_\_\_\_ Slope n .85

Remarks: Slight show of oil and water at the end of test.

Approved By Commission: \_\_\_\_\_ Conducted By: Joe F. Elledge Calculated By: Joe F. Elledge Checked By: R. Don Roberts