

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test <input type="checkbox"/> Initial <input type="checkbox"/> Annual <input checked="" type="checkbox"/> Special			Test Date 4/11/88		
Company Robert L. Bayless		Connection Robert L. Bayless			
Pool Wildcat		Formation Pictured Cliffs		Unit	
Completion Date 11/24/87		Total Depth 4100	Plug back TD 4053	Elevation 7138 RKB	Farm or Lease Name Jicarilla 464
Csg. Size 4 1/2	Wt. 11.6	d 4.000	Set At 4098	Perforations: From 3977 To 4014	
Trq. Size 1 1/2	Wt. 2.9	d 1.610	Set At 3999	Perforations: From To	
Type Well - Single - Brdenhead - G.C. or G.O. Multiple gas - single			Packer Set At none		Well No. 2
Producing Thru tubing		Reservoir Temp. °F 8	Mean Annual Temp. °F	Baro. Press. - P _g 12.0 (est.)	Unit Sec. Twp. Rge. D 32 30N 3W
L	H	G _g .65	% CO ₂	% N ₂	% H ₂ S
Prover		Meter Run	Taps		

FLOW DATA				TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.		Temp. °F
SI	7 days						860		
1.	2 inch		.750				130	65°	455
2.									
3.									
4.									
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	12.3650		142	.9952	1.240	1.014	2197
2.							
3.							
4.							
5.							

RECEIVED

NO.	R _f	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl. Deq.
1	.21		1.40	.972	A.P.I. Gravity of Liquid Hydrocarbon	XXXXXXX
2.					Specific Gravity Separator Gas	
3.					Specific Gravity Flowing Fluid	
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

NO.	P _t ²	P _w ²	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1	872	760,384	467	218,089	1.4022	1.3328
2						
3						
4						
5						

Absolute Open Flow 2928 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .85

Remarks: Test of lower Pictured Cliffs zone after 3 months of production.

Approved By Division _____ Conducted By: David Ball Calculated By: Kevin McCord Checked By: _____