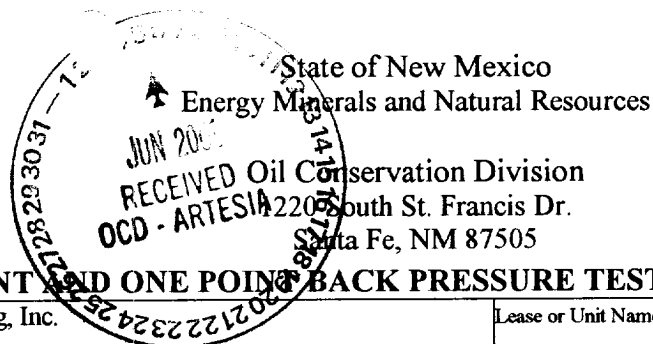


Submit in duplicate to
appropriate district office.
See Rule 401 & Rule 1122



Form C-122
Revised October, 1999

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator Pecos River Operating, Inc.						Lease or Unit Name Railroad State					
Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 4-27-01			Well No. 2		
Completion Date 4-21-01		Total Depth 5785		Plug Back TD 5740		Elevation 3796' GL			Unit Ltr. - Sec. - TWP - Rge. M-2-8S-26E		
Csg. Size 4 1/2"	Wt. 10.5#	d 	Set At 5785	Perforations: From: 5670 To: 5696			County Chaves				
Thg. Size 2 3/8"	Wt. 47 #	d 	Set At 5445	Perforations: From: To: 			Pool N Fork Ranch Wildcat Permian				
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At 5445			Formation Ordovician		
Producing Thru Tubing		Reservoir Temp. °F 100° @ 5785'		Mean Annual Temp. °F 60°		Baro. Press - P _s 13.2			Connection Comanche		
L 5445	H 5445	Gg .608	%CO ₂ .023	%N ₂ 2.08	%H ₂ S 0	Prover		Meter Run 3"	Taps F		

FLOW DATA					TUBING DATA		CASING DATA		Duration Of Flow	
No.	Prover 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
SI						2080	65	Pkr	Pkr	48 hrs.
1.	3 X 1.50"		747	10	52	1935	60	Pkr	Pkr	60 min.
2.	3 X 1.50"		787	24	52	1840	60	Pkr	Pkr	60 min.
3.	3 X 1.50"		857	43	52	1680	60	Pkr	Pkr	60 min.
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.	11.13	87.18	760	1.008	1.282	1.070	1341
2.	11.13	138.56	800	1.008	1.282	1.074	2140
3.	11.13	193.41	870	1.008	1.282	1.080	3003
4.							
5.							

No.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					344	
2.					A. P. I. Gravity of Liquid Hydrocarbons 60	Deg.
3.					Specific Gravity Separator Gas .608	XXXXXXX
4.					Specific Gravity Flowing Fluid XXXXXX	
5.					Critical Pressure 667.25 P.S.I.A.	P.S.I.A.
					Critical Temperature 356.53 R.	R

P _c P _c ²					(1) P _{c2} = _____	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____
No.	P _c ²	P _w	P _w ²	P _c ² - P _w ²		
1.		2268			$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$	
2.		2167				
3.		2006				
4.						
5.						

Absolute Open Flow	8586	Mcf/d @ 15.025	Angle of Slope θ: 48	Slope, n: .889
Remarks: _____				
Approved By Division	Conducted By: Ron LeJuene	Calculated By: Bill Huck, VP Engineering	Checked By:	