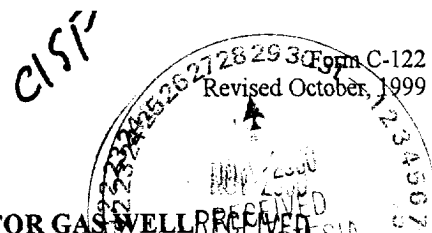


Submit in duplicate to
appropriate district office.
See Rule 401 & Rule 1122

CONFIDENTIAL

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505



MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator CONOCHO RESOURCES INC.					Lease or Unit Name				
Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 11/16/00		Well No. 1		
Completion Date 10/26/00		Total Depth 9591		Plug Back TD 9545		Elevation		Unit Ltr - Sec. 17S 27E	
Csg. Size 4 1/2	Wt. 11.6	d 3.958	Set At 9591	Perforations: From: 9332 To: 9350			County EDDY		
Tbg. Size 2 3/8	Wt. 4.7	d 1.995	Set At 9178	Perforations: From: To:			Pool Jogan Draw Morrow		
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE				Packer Set At 9178		Formation Morrow			
Producing Thru TUBING		Reservoir Temp. °F 165.8	Mean Annual Temp. °F 60	Baro. Press. - P _a 13.2			Connection SALES		
L 9178	H 9178	Gg 0.635	%CO ₂ 0.111	%N ₂ 0.412	%H ₂ S N/A	Prover N/A	Meter Run 4.026	Taps FLG	
FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow
No.	Prover Line Size	Orifice x 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						2800	N/A	PKR	N/A
1	4.026 X 2.000		557	12.6	90	2200			1 HR
2	4.026 X 2.000		530	27.4	85	2080			1 HR
3	4.026 X 2.000		542	51	81	1820			1 HR
4	4.026 X 2.000		549	103	82	1430			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							2076		
2	VOLUMES	FROM	TOTAL		FLOW	METER	2997		
3							4493		
4							5873		
5									
No.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio 121.836 Mcf/bbl.				
1					A.P. I. Gravity of Liquid Hydrocarbons 59.2 Deg.				
2	TOTAL	FLOW	METER		Specific Gravity Separator Gas .635 / GMIX .659 XXXXXX				
3					Specific Gravity Flowing Fluid N/A XXXXX				
4					Critical Pressure 673 P.S.I.A. 673 P.S.I.A.				
5					Critical Temperature 364 R. 371 R				
P _c 2813.2 P _{c2} 7914									
No.	P _i ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1.621}{1.621}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.621}{1.621}$				
1	4898.3	2239.4	5015.1	2899					
2	4381.5	2150.5	4624.6	3289.5					
3	3360.6	1976.8	3907.9	4006.2					
4	2082.8	1741.3	3032	4882.1					
5					AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{9.52}{9.52}$				
Absolute Open Flow		9520		Mcf/d @ 15.025		Angle of Slope (°)		45	
						Slope n:		1	
Remarks: * WELL MADE 5.28 BBLS OF 59.9 API GRAVITY CONDENSATE DURING TEST.									
Approved By Division:			Conducted By: PRO WELL TESTING			Calculated By: MB		Checked By: BM	

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