## NEW MEXICO OIL CONSERVATION COMMISSION MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type 1	Test	■ Initial	☐ Annu	ıai □ Sp	pecial					Test Date 10/12/96			
Comp	any AMS PR	ODUCTION CO	OMPANY	Connection									
Pool BASIN	 I			Formation DAKOTA				Unit ROSA					
Completion Date Total Depth 09/24/96 8096'					Plug Back TD 8074'		Elevation 6327'		Farm or Lease Name ROSA				
Casing	g Size		Weight	d	Set At		Perforations: From To			Well No. #159			
Tubing 1-1/2"			Weight 2.9#	d	Set at 7945'		Perforations: From 7880' To [8042' - 8055' below CIBP]			8021'	021' Unit Sec Twp Rng O 19 31N 5W		
Type \	Well - S	ngle - Bradent	nead - GG or G	Packer Set At 6050'					County RIO ARRIBA				
Produ	icing Th		Reservoir Temp. •F		Mean Annual Temp. ∘F			Barometer Pressure - P.		State NEW MEXICO			
L		Н	Gq .6	%CO <sub>2</sub>		%N <sub>2</sub>	····································	%H₂S		Prover 3/4"	Meter Run 2	Taps	
			FLOW DAT	TUBI			NG DATA CA		CASI	NG DATA			
NO.	Prove Line	r X Orifi Size	ice	Pressure p.s.i.q.	Temperature oF		Pressure p.s.i.q.	Temperature ∘F		Pressure p.s.i.q.	Temperature ∘F	Duration of	
SI	2" X 3/4"						1527						
1							112	46°				0.5 HR	
2.			<del></del>	<del> </del>			77	A7°				1.0 HR	
_3				<del>                                     </del>			59 49°					1.5 HR	
4	<del> </del>						53	49°				2.0 HR 3.0 HR	
_5	L				AA 49°				l	<u> </u>	LAUAR		
												7-4	
NO.		Coefficie (24 Hou		i yn.P		Pressure P <sub>m</sub>		Flow Temp. Factor		Gravity Factor	Super Compress.	Rate of Flow	
1		9 604			.56		9924		1 29		1.008	694	
2			<u></u> .						<del></del>			ļ <u>.</u>	
3	<u> </u>											<del> </del>	
4					<del> </del>		<del>                                     </del>						
5			Toma	Z Gas Liquid Hy					vdrocarbon Ration Mcf/bbl.				
NO.	P, Temp.			R D S G E					Gas Liquid Hydrocarbon Ration Mcf/bbl.  A.P.I. Gravity of Liquid Hydrocarbons Deq				
1	<b> </b>					- 1 1956		1		ty Separator		xxxxxx	
2				NU				Specific Gravity Flowing Fl					
3				@ <b>1</b> 0_0	:0N.		7	1 '		re		<u>p.</u> s.i.a.	
	1		DIEL 8			, , , , , , , , , , , , , , , , , , ,	Critical Tempe		rature	R	R		
P	1539	P	² 2368521										
NO.		P,1	P <sub>w</sub>	P <sub>w</sub> 2		P <sub>c</sub> <sup>2</sup> - F	) <sub>w</sub> 2	(1) <u>P</u>	2 =	1.0013		1.0010	
1	56			3136	2365385			P <sub>c</sub> <sup>2</sup>	- P <sub>w</sub> 2		$[P_c^2 - P_w^2]$		
2.						`			$AOF = O\left(\frac{P^{c}}{P^{c_{2}} - P_{w}^{2}}\right)^{n} = \frac{695}{100}$				
3.													
4					ļ			ļ					
5													
Absolute Open Flow 695 Mcfd @ 15.025 Angle of Slope e Slope, n .75													
Remarks:Chasked But												· · · · · · · · · · · · · · · · · · ·	
Appr	oved B	Commission:	:	Conducted I									