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

		THE BIH O	111111111111111111111111111111111111111	<u> </u>		Lagge or Unit	Nama	·					
Operator	W	illiams Prod	uction Com	pany		Lease or Unit Name  ROSA UNIT							
		t Type		Test Date			Well Number						
X Ini		nnual	Special	1.000 2 4.0	11/22/98				156				
		Total Depth	oper	Plug Back T		Elevation	٠	-Unit	Sec Twp	Rng			
10/30/98		Total Deptil		I lug Dack 1			WILLIE	EW	9 31N	6W			
Casing Size		Weight	d	Set At	Perforations:	ا عا (ما	a ran a	County					
_					From To	$M \sim 100$	nen - 3 19	98	SAN JUAN				
Tubing Size Wei		Weight	d	Set At	Perforations:	u ·	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Pool					
					From To	_000	[KIOS)	Mila	BLANCO				
Type Well - S	Single-Brader	nhead-GG or G	O Multiple		Packer Set At	(0)11P	COUNTY TO	Formation					
							টায়িটি ু		MV				
Producing Thru Reservoir To		emp. oF Mean Annua		Temp. oF Barom		Barometer F	Pressure - Pa   Connection						
Tubing						·							
L	Н	Gq	%CO2		%N2	%H2S		Prover	Meter Run	Taps			
		0.6			<u> </u>			3/4"					
FLOW DATA						TUBING DATA		CASIN	CASING DATA				
	Prover	X Orifice		İ	Temperature		Temperature		Temperature				
	Line	Size		Pressure	oF	Pressure	oF	Pressure	oF	Duration of			
NO	Size			p.s.i.q		p.s.i.q		p.s.i.q		Flow			
SI		2" X 3/4"				1081		1082		0			
1						408	59	991		0.5 hr			
2		· · · · · · · · · · · · · · · · · · ·				389	60	950		1.0 hr			
3						382	62	918		1.5 hrs			
4				<u> </u>		374	64	902	ļ	2.0 hrs			
5					<u> </u>	361	66	818	<u> </u>	3.0 hrs			
	· · ·			RATE O	F FLOW CAL	CULATION	T	1	r _	T			
							Flow Temp.	Gravity	Super	Rate of			
			fficient			Pressure	Factor	Factor	Compress.	Flow			
NO			Hours)		hwPm	Pm	FI	Fq	Factor, Fpv	Q,Mcfd			
		9.0	504			373	0.9943	1.29	1.041	4783			
2													
3													
4		<del></del>		1 -			<u> </u>		<u> </u>	Mcf/bbi.			
NO				Gas Liquid Hydrocarbon Ration									
1					A.P.I Gravity of Liquid Hydrocabrons Deq. Specific Gravity Separator					Deq.			
2		<del> </del>								VVVVVV			
3	-	<del> </del>		<u> </u>	Specific Gravity Flowing Fluid <a block"="" href="mailto:xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx&lt;/td&gt;&lt;td&gt;XXXXXX&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;4&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;del&gt;                                     &lt;/del&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;=&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;p.s.i.a.&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;5&lt;/td&gt;&lt;td&gt;1004&lt;/td&gt;&lt;td&gt;Pc&lt;sup&gt;2&lt;/sup&gt;&lt;/td&gt;&lt;td&gt;1106926&lt;/td&gt;&lt;td&gt;&lt;del&gt; &lt;/del&gt;&lt;/td&gt;&lt;td&gt;Critical Tempe&lt;/td&gt;&lt;td&gt;atuic&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt; R&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt; R&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Pc&lt;/td&gt;&lt;td&gt;1094&lt;/td&gt;&lt;td&gt;&lt;del&gt;&lt;/del&gt;&lt;/td&gt;&lt;td&gt;1196836&lt;br&gt;Pw&lt;sup&gt;2&lt;/sup&gt;&lt;/td&gt;&lt;td&gt;D 2 D 2&lt;/td&gt;&lt;td&gt;(1)&lt;/td&gt;&lt;td&gt;D-2 -&lt;/td&gt;&lt;td&gt;2 2562722&lt;/td&gt;&lt;td&gt;(2)&lt;/td&gt;&lt;td&gt;Do&lt;sup&gt;2&lt;/sup&gt;∧= =&lt;/td&gt;&lt;td&gt;1 0019&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;NO .&lt;/td&gt;&lt;td&gt;Pt1&lt;/td&gt;&lt;td&gt;Pw&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;Pc&lt;sup&gt;2&lt;/sup&gt;-Pw&lt;sup&gt;2&lt;/sup&gt;&lt;/td&gt;&lt;td&gt;(1)&lt;/td&gt;&lt;td&gt;&lt;math display=">\frac{Pc^2}{Pc^2-Pw^2} =</a>					2.3562732	(2)	$\frac{Pc^2 - n}{Pc^2 - Pw^2}$	<u>1.9018</u>
1	<del>                                     </del>	830	688900	507936	_	Pc-Pw			rc -rw				
2	ļ	<del> </del>		+	1.05 2	D 200	0007						
3		<del> </del>			AOF = Q	$\frac{Pc^{2} \wedge^{n}}{2} = \frac{1}{2}$	<u>9097</u>						
4		1 2627	1100			$Pc^2 - Pw^2$		Tor	0.77				
Absolute Open Flow 9097		Mcfd @ 15.025		Angle of Slope	Angle of Slope		Slope, n	0.75					
Remarks:					<del>"</del>	C-levlete 3.D		Charles J.P.		<del></del>			
Approved By Commission:			Conducted By:			Calculated B	y:	Checked By:					