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

		MULTIPOI	NT AND	UNE PUIN	I BALL F			OND WE			
Operator			C		1	Lease or Unit Name ROSA					
		illiams Produ	ction Com	Test Date		<u> </u>	Well Number	ROBIZ	· ·		
Test Type			G 11	Test Date	8/2/001		Wen rumber	#3	359		
12 20000000		nnual	Special	Plug Back TI		Elevation		Unit	Sec Twp	Rng	
Completion Date		Total Depth 3104'		Plug Dack ID		6192'		K	04 31N	05W	
7/24/2001				Set At Perforations:				County			
asing Size		Weight 17#	u	3013'	From 2884'	To 3005'			RIO ARRIBA	<u> </u>	
5.5"			d	Set At	Perforations:			Pool	_		
ubing Size 2-3/8''		4.7#	2972		From To			BASIN			
Type Well - Single-Bradenhead-GG or GC			O Multiple	1	Packer Set At			Formation			
Type Well -	Single-braue	inieau-GG of G	O Manapie						FC		
Producing Thru Reservoir Ten			nn oF	Mean Annua	l Temp. oF		Barometer I	Pressure - Pa	Connection		
Producing Thru Reservoi		Reservoir Ter	cinp. Of								
<u></u>	H	Gq	%CO2	<u> </u>	%N2	%H2S		Prover	Meter Run	Taps	
L	l'i	0.6	70 002					3/4"			
	1	FLOW DATA				TUBING DATA		CASING DATA			
	Prover	X Orifice			Temperature		Temperature		Temperature		
	Line	Size		Pressure	oF	Pressure	oF	Pressure	oF	Duration of	
NO	Size	5120		p.s.i.q		p.s.i.q		p.s.i.q		Flow	
SI	Size	2" X 3/4"				0	55	1285	ļ	0	
1	 					0	68	1185		0.5 hr	
2						0	70	1145		1.0 hr	
3						680	65	1090		1.5 hrs	
4						420	68	960	 	2.0 hrs 3.0 hrs	
5					<u> </u>	210	68	740	<u> </u>	3.0 1118	
				RATE	OF FLOW CAI	CULATION		Τ ο	T	Rate of	
							Flow Temp.	Gravity	Super	Flow	
		Coef	ficient			Pressure	Factor	Factor	Compress. Factor, Fpv	Q,Mcfd	
NO		(24 Hours)			hwPm	Pm	Fl 0.0024	Fq 1.29	1.028	2806	
1	9.604					222	0.9924	1.29	1.020	2000_	
2								 	 	 	
3					 		 				
4					C - 1 :: d I	Ludsoperhon P	ntion .		<u> </u>	Mcf/bbl.	
NO						Gas Liquid Hydrocarbon Ration A.P.I Gravity of Liquid Hydrocabrons				Deq.	
1						Specific Gravity Separator				1	
2	_					Specific Gravity Flowing Fluid xxxxxxxxxx				XXXXXX	
3		 			- -	Critical Pressure			p.s.i.ap.s		
4			 			perature		 _ R		R	
5	100	Pc ²	1682209		Chileta Tem						
Pc _	1297		Pw ²	Pc ² -Pw ²	(1	$\underline{Pc^2} =$	1.5064041	(2	$\frac{Pc^2}{n} =$	1.3597	
NO	Pt1	Pw			-	$\frac{1c}{Pc^2-Pw^2}$			$\frac{1}{\text{Pc}^2-\text{Pw}^2}$		
11		752	565504	1110/03		10 1 11					
2			 		- AOF = Q	$Pc^2 \wedge^n =$	<u>3815</u>				
3			 	_	AOF - Q	$\frac{Pc^2 \wedge^n}{Pc^2 - Pw^2}$	<u> </u>				
4		2015	14.61 @ 15	. 025	Angle of Slo			Slope, n	0.75		
	e Open Flow	<u>3815</u>	Mcfd @ 15	5.023	TAURIE OF SIC	/pc	<u> </u>				
Remarks: A proved By Commission: Conducted By:						Calculated	By:	Checked By	y:		
Approved By Commission:			Conducted	. ву: Mark Lepi	ch	Tracy Ross					
1		_		Iviaik Lepi	VII						