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

Operator Williams Production Company						Lease or Unit Name Rosa Unit				
Test Type Test Date						Well Number				
X Initial Annual		Special	9/15/2000			Well Number		95 A		
Completion Date Total Depth		Бресіаі	Plug Back TD		Elevation	on Unit Sec Twp Rng		D:		
1 '		-	371'	8367'		6408'		M		
		Weight			Set At Perforations:		0400		M 16 31N 6W	
5-1/2" 17#			"	8371' 8236' - 8346'		;		1 -		
Tubing Size Weight		d	Set At Perforations:		<i>,</i>		San Juan Pool			
_		3.25#	ľ	8327	renorations.	errorations.		Basin DK		
Type Well - Single-Bradenhead-GG or G			O Multiple	Packer Set At		· · · · · · · · · · · · · · · · · · ·		Formation Basin DK		
1776 Wen - Single-Bradelinead-OO of OO Multiple					racker set At					
Producing Thru Reservoir To			amp of Moon Annua		1 Tama a E		T 5	DK		
Tubing Tubing		Reservoir 1e	Reservoir Temp. oF		Mean Annual Temp. oF		Barometer		Pressure - Pa Connection	
L H Gq		Ga	%CO2	1	%N2	%H2S	L	ln.	24 . 5	T _m
	11	0.6	12CO2		70112	%п23		Prover 3/4"	Meter Run	Taps
Ļ			V DATA			TUDIN	C DATE	 	I I I I I I I I I I I I I I I I I I I	<u> </u>
						TUBIN	IG DATA	CASIN	IG DATA	
	Prover Line	X Orifice		Pressure	Temperature oF	Decasion	Temperature	, n	Temperature	
NO	Size	Size			or	Pressure	oF	Pressure	oF	Duration of
SI	Size	20 8 2140		p.s.i.q	<u> </u>	p.s.i.q	90	p.s.i.q		Flow
1		2" X 3/4"	 .		<u> </u>		80	925		0
2					 		74	100		0.5 hr
3							70	70		1.0 hr
4	-			 			76	40		1.5 hrs
5	 	-		 	 		76	35		2.0 hrs
<u> </u>	<u> </u>			DATE O	E ELOW CAL	CLU A TYON	76	20		3.0 hrs
	T			KATEC	F FLOW CAL	LULATION	TT			T = -
		Conf	c: _:			_D	Flow Temp.	Gravity	Super	Rate of
NO	Coefficient				hD	Pressure	Factor	Factor	Compress.	Flow
1 '	(24 Hours) 9.604				hwPm	Pm	FI 0.005	Fq	Factor, Fpv	Q,Mcfd
2	9.604				32	0.985	1.29	1.004	392	
3	-									
4							 -			
NO	Pr	Temp. oR	Tr	Z	CastinuidII		<u> </u>	L		15 00 11
1	1	Temp. ox	11		Gas Liquid Hydrocarbon Ration Mcf/bbl.					
2		-			A.P.I Gravity of Liquid Hydrocabrons Specific Gravity Separator					Deq.
3	+		<u> </u>		Specific Gravity Separator XXX. Specific Gravity Flowing Fluid xxxxxxxxxx					XXXXXX
4	 	 		 	Specific Gravity Flowing Fluid XXXXXXXXXX Critical Pressurep.s.i.a					
5	 	 								p.s.i.a.
Pc	937	Pc2 877969			Chucai Tempo	perature R				R
NO	Pt1	Pw	Pw2	Pc2-Pw2	(1)	Do2 -	1 0011677	(0)	D 24	1.0000776
1	111	32	1024	876945	{ '''		<u>1.0011677</u>	(2)		<u>1.0008756</u>
2	 	32	1024	070343	-	Pc2-Pw2			Pc2-Pw2	
3	 		-		AOF = Q	Do20n	302			
4	+	 	<u> </u>	 	AOF = Q	$\frac{\text{Pc2}^n}{\text{Po2}} = \frac{\text{Po2}^n}{\text{Po2}}$	<u>392</u>			
	Dpen Flow	392	Mcfd @ 15.0	25	Angle of Cla	Pc2 - Pw2	· ;	Clan	0.75	
Absolute Open Flow 392 Mcfd @ 15.025 Angle of Slope Slope, n 0.75 Remarks:										
rapproved by	, Commissiói	••	Conducted B	-				Checked By:	D 1101	
			Mark Lepich			Tracy	Ross	David Spitz		