In Lieu of Form 3160 (June 1990	DEPARTME	ED STATES NT OF INTERIOR AND MANAGEMENT		Budget Bureau	PPROVED a No. 1004-0135 arch 31, 1993		
Do not u	SUNDRY NOTICE AND se this form for proposals to drill or to deepen or TO DRILL" for perm	reentry to a different reservoir.	Use "APPLICATION	 Lease Designation and Serial No. SF-078777 If Indian, Allottee or Tribe Name 			
	SUBMIT IN T	RIPLICATE	2006 SEP 27 F	17. 11 21 Unit or CA, A	greement Designation		
1.	Type of Well Oil Well X Gas Well Other		RECEN 070 FARMIN	Noll Name and Ω			
2.	Name of Operator WILLIAMS PRODUCTION COMPANY			9. API Well No. 30-039-29776			
3.	Address and Telephone No. PO BOX 3102 MS 25-2, TULSA, OK 74101	10. Field and Pool, or Exploratory Area BASIN FRUITLAND COAL					
4.	Location of Well (Footage, Sec., T., R., M., or 1840' FSL & 1430' FEL, NW/4 SE/4 SEC 30-		11. County or Parish, State RIO ARRIBA, NM				
	CHECK APPROPRIA	TE BOX(s) TO INDICATE NA	TURE OF NOTICE, REP	ORT, OR OTHER DATA			
· · ·	TYPE OF SUBMISSION	TYPE OF ACTION					
	Notice of Intent X Subsequent Report Final Abandonment	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other <u>Produc</u>		Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			
13.	Describe Proposed or Completed Operations (of directionally drilled, give subsurface locations) Attached is the IP test that was constant the direction of the	and measured and true vertical	depths for all markers and	zones pertinent to this work.)			
			OCT 2008	OC	TED FOR RECORD T 0 2 2006 ISTON FIELD OFFICE SCHYRSS		
14.	I hereby certify that the foregoing is true and of Signed Accur. Ross	Correct Title Sr. Production	ı Analyst E	ate September 18, 2006			
	(This space for Federal or State office use)						
	Approved by	Title		Date			
	Conditions of approval, if any:						
	J.S.C. Section 1001, makes it a crime for any person sor representations as to any matter within its j		make to any department or	agency of the United States ar	ny false, fictitious or fraudulent		

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

Operator						Lease or Unit	: Name	GIAS WE			
		lliams Produ	ection Com			ROSA UNIT					
Test Type Test Date X Initial Annual Special				8/21/2006	:	Well Number	r #63A (API # 30-039-29776)				
Completion D		Total Depth	Special	Plug Back Tl			I #1	Unit	Sec Twp	Rng	
			534'		6546'		346'	J	30 31N	4W	
Casing Size Weight		d	Set At	Perforations:			County				
7" 23#			3322'				RIO ARRIBA				
Tubing Size Weight		d	Set At	Perforations:			Pool				
2-7/8" 6.5#			3319'				BASIN Formation				
Type Well - Single-Bradenhead-GG or GO Multiple					Packer Set At		FT				
Producing Thru Reservoir Ten			np. oF Mean Annual Temp. oF		Barometer F		Pressure - Pa Connection				
Tubing											
L	Н	Gq 0.6	%CO2		%N2	%H2S		Prover 3/4"	Meter Run	Taps	
			DATA		<u> </u>	TURIN	G DATA		IG DATA		
	Prover 2	X Orifice	DATA		Temperature	TOBIN	Temperature	CASII	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		2" X 3/4"				360		165		0	
1						10	68	65		0.5 hr	
2						10	68	65	<u> </u>	1.0 hr	
3						5	68	50		1.5 hrs	
4						5	68	50		2.0 hrs	
5						5	72	45		3.0 hrs	
				RATE C	F FLOW CAL	CULATION	•				
							Flow Temp.	Gravity	Super	Rate of	
1		Coef	ficient			Pressure	Factor	Factor	Compress.	Flow	
NO	(24 Hours)				hwPm	Pm	Fl	Fq	Factor, Fpv	Q,Mcfd	
1		9.0	504			17	0.9887	1.29	1.004	209	
2											
3											
4	<u></u>										
NO	Pr	Temp. oR	Tr	. Z		ydrocarbon Ra				Mcf/bbl.	
1							f Liquid Hydrocabrons Deq.				
2	Specific Gravity Separator										
3	Specific Gravity Flowing Fluid xxxxxxxxxxx Critical Pressurep.s.i.a.							XXXXXX			
4				_				_p.s.i.a.		p.s.i.a.	
5	155	F 2	21222		Critical Temp	erature		R		R	
Pc	<u>177</u>	Pc ²	31329	7 7 7		າ		\$ e e	_ ?		
NO	Pt1	Pw	Pw ²	Pc ² -Pw ²	↓ (1)	$\frac{Pc^2}{Pc^2-Pw^2}$	<u>1.1157051</u>	(2)	$\frac{Pc^2 \land n =}{Pc^2 - Pw^2}$	<u>1.0856</u>	
1		57	3249	28080	4	Pc^2-Pw^2			Pc ² -Pw ²		
2			<u> </u>	 	4						
3	<u> </u>				AOF = Q	$\frac{Pc^2 \wedge^n}{Pc^2 - Pw^2} =$	<u>227</u>				
4	<u> </u>			1	ļ					<u></u> .	
Absolute (Open Flow	227	Mcfd @ 15.	025	Angle of Slop	e		Slope, n	0.75		
Remarks:			la i			·		I			
Approved By	Commission	•	Conducted 1	-		Calculated B	-	Checked By:			
Mark Lepich					h	Trac	y Ross				