

UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION TO DRILL" for permit for such proposals

5. Lease Designation and Serial No.  
NMSF-078767
6. If Indian, Allottee or Tribe Name
7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well  
Oil Well ☒ Gas Well ☐ Other ☐
2. Name of Operator  
WILLIAMS PRODUCTION COMPANY
3. Address and Telephone No.  
PO BOX 3102 MS 25-2, TULSA, OK 74101 (918) 573-6254
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2170' FNL & 1075' FWL, SW/4 NW/4 SEC 13-T31N-R06W
8. Well Name and No.  
ROSA UNIT #220A
9. API Well No.  
30-039-29484
10. Field and Pool, or Exploratory Area  
BASIN FRUITLAND COAL
11. County or Parish, State  
RIO ARRIBA, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
Notice of Intent	Abandonment
X Subsequent Report	Recompletion
Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	Other <u>Production Test</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 (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached is the IP test that was conducted on the above well on January 31, 2006.



2006 FEB 24 AM 11 28  
RECEIVED  
070 FARMINGTON NM

14. I hereby certify that the foregoing is true and correct

Signed Tracy Ross  
Tracy Ross

Title Sr. Production Analyst

Date February 24, 2006 FOR RECORD

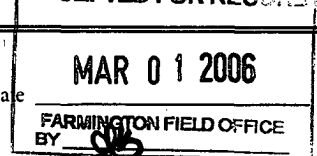
(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:



Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

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

Operator <b>Williams Production Company</b>					Lease or Unit Name <b>Rosa Unit</b>				
Test Type <u>X</u> <b>Initial</b> <b>Annual</b> <b>Special</b>			Test Date <b>1/31/2006</b>		Well Number (API #) <b>#220A (API # 30-039-29484)</b>				
Completion Date <b>1/30/2006</b>		Total Depth <b>3228'</b>		Plug Back TD		Elevation <b>6288'</b>		Unit    Sec    Twp    Rng <b>E    13    31N    06W</b>	
Casing Size <b>5 1/2"</b>		Weight <b>17#</b>		Set At <b>3215'</b>		Perforations: <b>2994' - 3132'</b>		County <b>Rio Arriba</b>	
Tubing Size <b>2 7/8"</b>		Weight <b>6.5#</b>		Set At <b>3186'</b>		Perforations:		Pool <b>Basin</b>	
Type Well - Single-Bradenhead-GG or GO Multiple					Packer Set At		Formation <b>Fruitland Coal</b>		
Producing Thru <b>Tubing</b>		Reservoir Temp. oF		Mean Annual Temp. oF		Barometer Pressure - Pa		Connection	
L	H	Gq <b>0.6</b>	%CO2	%N2	%H2S	Prover <b>3/4"</b>	Meter Run	Taps	

FLOW DATA					TUBING DATA		CASING DATA		
NO	Prover Line Size	X Orifice Size	Pressure p.s.i.q	Temperature oF	Pressure p.s.i.q	Temperature oF	Pressure p.s.i.q	Temperature oF	Duration of Flow
SI		<b>2" X 3/4"</b>			<b>235</b>	<b>67</b>	<b>1190</b>		<b>0</b>
1					<b>225</b>	<b>67</b>	<b>1142</b>		<b>0.5 hr</b>
2					<b>225</b>	<b>61</b>	<b>1142</b>		<b>1.0 hr</b>
3					<b>195</b>	<b>61</b>	<b>1020</b>		<b>1.5 hrs</b>
4					<b>190</b>	<b>52</b>	<b>1020</b>		<b>2.0 hrs</b>
5					<b>190</b>	<b>52</b>	<b>970</b>		<b>3.0 hrs</b>

RATE OF FLOW CALCULATION										
NO	Coefficient (24 Hours)				hwPm	Pressure Pm	Flow Temp. Factor Fl	Gravity Factor Fq	Super Compress. Factor, Fpv	Rate of Flow Q.Mcfd
1	<b>9.604</b>					<b>202</b>	<b>1.0078</b>	<b>1.29</b>	<b>1.018</b>	<b>2568</b>
2										
3										
4										

NO	Pr	Temp. oR	Tr	Z	Gas Liquid Hydrocarbon Ration	Mcf/bbl.
1					A.P.I Gravity of Liquid Hydrocabrons _____	Deq.
2					Specific Gravity Separator _____	XXXXXX
3					Specific Gravity Flowing Fluid xxxxxxxxxx	
4					Critical Pressure _____ p.s.i.a.	____ p.s.i.a.
5					Critical Temperature _____ R	____ R

Pc	1202	Pc2	1444804	
NO	Pt1	Pw	Pw2	Pc2-Pw2
1		<b>982</b>	<b>964324</b>	<b>480480</b>
2				
3				
4				

(1) Pc2 = <b>3.0070013</b>		(2) Pc2^n = <b>2.2834958</b>	
Pc2-Pw2		Pc2-Pw2	
AOF = Q Pc2^n = <b>5863</b>		Pc2 - Pw2	

Absolute Open Flow	<b>5863</b>	Mcfd @ 15.025	Angle of Slope _____	Slope, n	<b>0.75</b>
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Remarks:			
Approved By Commission:	Conducted By: <b>Mark Lepich</b>	Calculated By: <b>Tracy Ross</b>	Checked By: