

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

2005 OCT 28 AM 8 24

5. Lease Designation and Serial No.
SF-078771

If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

RECEIVED
670 FARMINGTON

7. If Unit or CA, Agreement Designation

1. Type of Well
Oil Well ☒ Gas Well ☐ Other ☐

8. Well Name and No.
ROSA UNIT #212A

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

9. API Well No.
30-039-27818

3. Address and Telephone No.
PO BOX 3102 MS 25-2, TULSA, OK 74101 (918) 573-6254

10. Field and Pool, or Exploratory Area
BASIN FRUITLAND COAL

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1150' FSL & 1385' FEL, SW/4 SE/4 SEC 14-T31N-R06W

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
☒ Subsequent Report
Final Abandonment

Abandonment
Recompletion
Plugging Back
Casing Repair
Altering Casing
Other ☐ Production Test

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.)*

Per your request, attached is the IP test that was conducted on the above well on November 1, 2004.



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

Signed Tracy Ross
Tracy Ross

Title Sr. Production Analyst

Date October 18, 2005

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

ACCEPTED FOR RECORD

OCT 31 2005

FARMINGTON FIELD OFFICE

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 Williams Production Company					Lease or Unit Name ROSA UNIT				
Test Type X Initial Annual Special			Test Date 11/1/2004		Well Number #212A (API # 30-039-27818)				
Completion Date 10/16/2004		Total Depth 3168'		Plug Back TD		Elevation 6210'		Unit Sec Twp Rng O 14 31N 6W	
Casing Size 5-1/2"		Weight 17#		Set At 3168'		Perforations: 2894' - 3070'		County RIO ARRIBA	
Tubing Size 2-7/8"		Weight 6.5#		Set At 3107'		Perforations:		Pool BASIN	
Type Well - Single-Bradenhead-GG or GO Multiple					Packer Set At		Formation FT		
Producing Thru Tubing		Reservoir Temp. oF		Mean Annual Temp. oF		Barometer Pressure - Pa		Connection	
L	H	Gq 0.6	%CO2	%N2	%H2S	Prover 3/4"	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	2" X 3/4"				360		165		0
1					10	68	65		0.5 hr
2					10	68	65		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 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	9.604					17	0.9887	1.29	1.004	209
2										
3										
4										
NO	Pr	Temp. oR	Tr	Z	Gas Liquid Hydrocarbon Ration					Mcf/bbl.
1					A.P.I Gravity of Liquid Hydrocarbros _____					Deq.
2					Specific Gravity Separator _____					
3					Specific Gravity Flowing Fluid xxxxxxxxxx					XXXXXX
4					Critical Pressure _____ p.s.i.a.					____ p.s.i.a.
5					Critical Temperature _____ R					____ R

Pc	177	Pc ²	31329	
NO	Ptl	Pw	Pw ²	Pc ² -Pw ²
1		57	3249	28080
2				
3				
4				

(1) $\frac{Pc^2}{Pc^2 - Pw^2} = \underline{1.1157051}$

AOF = Q $\frac{Pc^2 \Delta n}{Pc^2 - Pw^2} = \underline{227}$

(2) $\frac{Pc^2 \Delta n}{Pc^2 - Pw^2} = \underline{1.0856}$

Absolute Open Flow	227	Mcf @ 15.025	Angle of Slope _____	Slope, n	0.75
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Remarks:

Approved By Commission:	Conducted By: Mark Lepich	Calculated By: Tracy Ross	Checked By:
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