

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)
2165' FNL & 1815' FEL, SW/4 NE/4 SEC 07-T31N-R05W

8. Well Name and No.
ROSA UNIT #228A

9. API Well No.
30-039-29528

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

Notice of Intent

☒ Subsequent Report

Final Abandonment

TYPE OF ACTION

Abandonment

Recompletion

Plugging Back

Casing Repair

Altering Casing

Other Production Test

Change of Plans

New Construction

Non-Routine Fracturing

Water Shut-Off

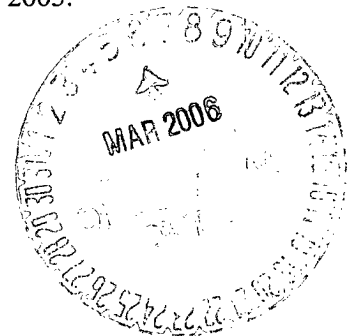
Conversion to Injection

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.)*

Attached is the IP test that was conducted on the above well on September 24, 2005.



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

Signed Tracy Ross
Tracy Ross

Title Sr. Production Analyst

Date February 27, 2006

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

MAR 03 2006

FARMINGTON FIELD OFFICE

BY [Signature]

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 9/24/2005		Well Number (API #) #228A (API # 30-039-29528)				
Completion Date 9/20/2005		Total Depth 3553'		Plug Back TD		Elevation 6263'		Unit Sec Twp Rng G 07 31N 05W	
Casing Size 5 1/2"		Weight 17#		Set At 3543'		Perforations: 3265' - 3458'		County Rio Arriba	
Tubing Size 2 7/8"		Weight 6.5#		Set At 3475'		Perforations:		Pool Basin	
Type Well - Single-Bradenhead-GG or GO Multiple					Packer Set At		Formation Fruitland Coal		
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"				245	70	1210		0
1					235	70	1162		0.5 hr
2					235	64	1162		1.0 hr
3					205	64	1040		1.5 hrs
4					205	55	1040		2.0 hrs
5					200	55	990		3.0 hrs

RATE OF FLOW CALCULATION										
NO	Coefficient (24 Hours)				hwPm	Pressure Pm	Flow Temp. Factor Fl	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	9.604					212	1.0048	1.29	1.017	2684
2										
3										
4										

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

Pc	1222	Pc2	1493284	
NO	Pt1	Pw	Pw2	Pc2-Pw2
1		1002	1004004	489280
2				
3				
4				

(1) $\frac{Pc2}{Pc2 - Pw2} = \underline{\underline{3.0520029}}$ (2) $\frac{Pc2^n}{Pc2 - Pw2} = \underline{\underline{2.3090786}}$

AOF = Q $\frac{Pc2^n}{Pc2 - Pw2} = \underline{\underline{6198}}$

Absolute Open Flow	6198	Mcf/d @ 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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