

District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88240
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131
2040 S. Pacheco
Santa Fe, NM 87505

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-140
Revised 06/99

SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE

APPLICATION FOR
WELL WORKOVER PROJECT

I. Operator and Well

Operator name & address Williams Production Company P.O. Box 3102 Tulsa, OK 74101						OGRID Number 120782		
Contact Party Kristine Russell						Phone 918/573-6181		
Property Name Rosa Unit				Well Number 203		API Number 30-039-24276		
UL P	Section 18	Township 31N	Range 5W	Feet From The 1040'	North/South Line South	Feet From The 820'	East/West Line East	County Rio Arriba

II. Workover

Date Workover Commenced: 9/13/1999	Previous Producing Pool(s) (Prior to Workover):
Date Workover Completed: 10/2/1999	

III. Attach a description of the Workover Procedures performed to increase production.

IV. Attach a production decline curve or table showing at least twelve months of production prior to the workover and at least three months of production following the workover reflecting a positive production increase.

V. AFFIDAVIT:

State of Oklahoma)

County of Tulsa) ss.

Kristine Russell, being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
- I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
- To the best of my knowledge, this application and the data used to prepare the production curve and/or table for this Well are complete and accurate.

Signature Kristine Russell Title Production Analyst Date 6/23/2000

SUBSCRIBED AND SWORN TO before me this 23 day of JUNE, 2000.

Shirley L. Davis
Notary Public

My Commission expires: 10-10-01

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a positive production increase. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was completed on 10/2/99.

Signature District Supervisor <u>353</u>	OCD District <u>3</u>	Date <u>10/9/00</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: _____

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

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.

09 OCT 1999 8 PM 1:29
070 FARMINGTON, NM

SUBMIT IN TRIPLICATE		5. Lease Designation and Serial No. SF-078764
		6. If Indian, Allotted or Tribe Name
		7. If Unit or CA, Agreement Designation ROSA UNIT
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. ROSA UNIT #203
2. Name of Operator WILLIAMS PRODUCTION COMPANY		9. API Well No. 30-039-24276
3. Address and Telephone No. PO BOX 3102 MS 37-2, 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) 1040' FSL & 820' FEL, SE/4 SE/4, SEC 18 T31N R5W		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
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Cavitation Complete</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.)*

9-13-1999 MIRU, NU BOP, choke manifold, HCR valves and blooie lines, pressure test-held OK, COOH w/ 2 7/8" tubing, PU liner hanger mill and DC's, TIH

9-14-1999 PU DC's, strap and PU DP, mill 5' of liner hanger, COOH, LD mill, PU spear, bumper sub and jars, TIH, catch and COOH w/ liner, LD liner

9-15-1999 LD 5 1/2" liner, TIH w/ underreamer, underream 3160'-3276', hole sticky and making hvy coal, kept getting stuck @ 3276', work underreamer into 7" casing, COOH, TIH w/ 6 1/4" bit

9-16-1999 TIH w/ 6 1/4" bit, tag @ 3202'. CO 3202'-3305', returns-hvy 1/4" coal to fines in black viscous wtr. Dry well, flow test. TIH, tag @ 3190'. CO 3190'-3202', returns-hvy 1/4" coal to fines in black wtr reducing to lite 1/8" coal to fines in dark gray wtr. LD 7 jts DP, surge w/ air mist. Q = 102 mcf/d

9-17-1999 Surge 11 times w/ air and mist to 1650 psi (1 1/2 hr to pressure), returns-hvy coal, black wtr and gas, last surge bridged off well, CO bridge in casing 3100'-3152', CO 3152'-3181', returns-hvy 1/4" coal to fines in black wtr

Continued on Back

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

Signed Tracy Ross
TRACY ROSS

Title Production Analyst Date October 6, 1999

(This space for Federal or State office use)

Approved by _____

Title _____

Conditions of approval, if any:

ACCEPTED FOR RECORD

9-18-1999 CO 3180'-3306' w/ 1800 scf air and 3-10 bph mist, returns-hvy 1/8" coal and hvy coal fines in black wtr, swelling shale @ 3190', coal returns stop, circulation pressure increases, had to LD 4 jts DP several times to reestablish circulation

9-19-1999 CO 3180'-3306' w/ 1800 scf air and 3-10 bph mist, had to lay down and pick up jts of pipe due to tight hole, returns-1/16" coal in black wtr, returns from the interval 3218'-3243'-1/2" and smaller shale

9-20-1999 CO 3180'-3305', returns-med to lite 1/16" coal and shale (80/20) to fines in gray wtr, dry well, flow test—261 mcf, COOH w/ 15 stands DP, surge 3 times w/ air mist to 1450 psi (2.5 hr buildup), returns-hvy coal in viscous black wtr

9-21-1999 Surge 8 times w/ air and mist to 1600 psi, returns-hvy large coal and fines in viscous black wtr, TIH, tag 3190', CO 3190'-3243', returns-hvy 1/8" coal to fines in black wtr, tight hole @ 3190'

9-22-1999 CO 3243'-3274', returns-hvy 1/8" coal and shale (85/15) to fines in black to dark gray wtr, flare increasing

9-23-1999 CO 3274'-3306', returns-hvy 1/4" coal and shale (85/15) to fines reducing to lite 1/8" coal, dry well, flow test—435 mcf, pull 20 stands, surge 3 times w/ air and mist to 1300 psi, returns-hvy coal in black wtr

9-24-1999 Surge 5 times to 1350 psi, returns-hvy coal in black wtr, hang swivel, TIH, tag @ 3181', CO 3181'-3243', returns-hvy to lite 1/8" coal to fines in black wtr, LD and PU 2 jts DP several times

9-25-1999 CO 3180'-3305', returns- hvy to lite 1/4" coal to fines in black to dark gray wtr. Had to LD 3 jts DP several times due to tight hole. Dry well, flow test—435 mcf. TIH, 10' fill, CO @ 3305'-TD, returns-hvy 1/4" coal to fines in dark gray wtr. Well made 2" stream of wtr for 1/2 hr @ start of CO

9-26-1999 CO 3274'-3305', returns-hvy to lite 3/8" coal to fines in dark gray wtr, LD 6 jts DP, surge 4 times w/ air and mist to 1300 psi, returns-hvy coal in black wtr

9-27-1999 Surge 2 times w/ air and mist to 1300 psi, returns-hvy coal, gas and wtr, TIH, tag 3195', CO to 3305'-TD, returns-hvy 1/4" coal and shale to fines in black wtr, cut air back to 900 scf and cut off mist, well making 1 1/2" to 3" stream of wtr and hvy coal fines

9-28-1999 Dry well, flow test - 305 mcf, pull 10 stands, surge w/ air and mist to 1400 psi, returns-med coal in black wtr

9-29-1999 Surge w/ air and mist once to 1400 psi, returns-hvy coal, gas and wtr, TIH, tag @ 3200, CO 3200'-3305', returns-hvy to lite 1/8" coal and shale (90/10) to fines in black to dark gray wtr, dry well, flow test—218 mcf, surge natural, 3 hr SI to 290 psi, returns-coal fines, gas and wtr

9-30-1999 Surge natural to 290 psi, returns-coal fines, gas and wtr, COOH to DC's, surge 5 times w/ air and mist to 1350 psi, returns-lite coal, gas and wtr, TIH, tag 3190', CO 3190'-3243', returns-med 1/8" coal and shale (90/10) to fines in black wtr

10-01-1999 CO 3213'-3305', returns-med to lite 1/8" coal in gray wtr, dry well, flow test—247 mcf, COOH, LD DC's, RU to run liner

10-02-1999 Run liner, PU swivel, PU 3 jts DP, wash to bottom. Hang liner, release setting tool. Ran 5 jts 5 1/2" (225.57') 17#, N-80, 8rd, USS casing w/ LA set shoe on bottom @ 3304' and TIW liner hanger @ 3078'. Bottom 4 jts are pre-perforated. LD DP, run tubing, reran 105 jts 2 7/8" (3274.87') 6.5#, J-55, EUE 8rd set @ 3286.87' w/ 2.25" F-nipple @ 3252'. ND BOP, NUWH, pump off expendable mill. Release rig

BP/0039 10/24/99

10/24/99

10/24/99

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10/24/99

ROSA UNIT #203 FRT

ROSA UNIT #203	4/30/1998	87
ROSA UNIT #203	5/31/1998	144
ROSA UNIT #203	6/30/1998	332
ROSA UNIT #203	7/31/1998	327
ROSA UNIT #203	8/31/1998	307
ROSA UNIT #203	9/30/1998 0:00	384
ROSA UNIT #203	10/31/1998 0:00	269
ROSA UNIT #203	11/30/1998 0:00	216
ROSA UNIT #203	3/31/1999 0:00	106
ROSA UNIT #203	4/30/1999 0:00	397
ROSA UNIT #203	5/31/1999 0:00	361
ROSA UNIT #203	6/30/1999 0:00	345
ROSA UNIT #203	7/31/1999 0:00	404
ROSA UNIT #203	8/31/1999 0:00	430
ROSA UNIT #203	9/30/1999 0:00	148
ROSA UNIT #203	10/31/1999 0:00	3194
ROSA UNIT #203	11/30/1999 0:00	5336
ROSA UNIT #203	12/31/1999 0:00	2877
ROSA UNIT #203	1/31/2000 0:00	3965
ROSA UNIT #203	2/29/2000 0:00	2067
ROSA UNIT #203	3/31/2000 0:00	4404
ROSA UNIT #203	4/30/2000 0:00	4218