

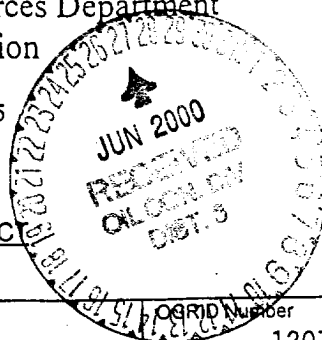
District I - (505) 393-6161  
1625 N. French Dr  
Hobbs, NM 88240  
District II - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
District IV - (505) 827-7131  
2040 S. Pacheco  
Santa Fe, NM 87505

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						OCD Number 120782			
Contact Party Kristine Russell						Phone 918/573-6181			
Property Name Rosa Unit				Well Number 231		API Number 30-039-24444			
UL N	Section 31	Township 31N	Range 5W	Feet From The 1275'	North/South Line South	Feet From The 730'	East/West Line West	County Rio Arriba	

II. Workover

Date Workover Commenced: 11/1/1999	Previous Producing Pool(s) (Prior to Workover):
Date Workover Completed: 11/18/1999	

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:  
1. I am the Operator, or authorized representative of the Operator, of the above-referenced Well.  
2. I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.  
3. 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 22 day of JUNE, 2000.  
Shirley H. 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 11/18/99.

Signature District Supervisor <u>35.5</u>	OCD District <u>3</u>	Date <u>9/1/00</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: \_\_\_\_\_

In Lieu of  
Form 3160  
(June 1990)

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.

WELLS -2 PM 12:31  
070 FARMINGTON, NM

SUBMIT IN TRIPLICATE		5. Lease Designation and Serial No. SF-078764
		6. If Indian, Allottee or Tribe Name
		7. If Unit or CA, Agreement Designation ROSA UNIT
1. Type of Well Oil Well      X Gas Well      Other	8. Well Name and No. ROSA UNIT #231	
2. Name of Operator WILLIAMS PRODUCTION COMPANY	9. API Well No. 30-039-24444	
3. Address and Telephone No. PO BOX 3102 MS 37-2, TULSA, OK 74101 (918) 561-6254	10. Field and Pool, or Exploratory Area BASIN FRUITLAND COAL	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1275' FSL & 730' FWL, SE/4 SW/4, SEC 31 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
Notice of Intent	Abandonment
X Subsequent Report	Recompletion
Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	X Other <u>Cavitation Complete</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.)\*

11-01-1999 MI, RU, ND WH, NU BOP

11-02-1999 Rig up, PU DP, TIH w/ liner hanger retrieving tool, COOH w/ liner

11-03-1999 LD 5 1/2" liner, TIH w/ under reamer, repair power swivel, under ream to 3337'-TD, COOH, TIH w/ 6 1/4" bit

11-04-1999 TIH w/ 6 1/4" bit. CO 3306'-3337', returns-hvy reducing to lite coal fines in black to gray wtr. Dry well, flow test - 2320 mcfd. 2 hr SI - 795 psi. Surge 6 times w/ air mist, (1 1/2 hr-1000 psi). TIH, tag 3306'. CO 3275'-3306', returns - heavy 1/2" coal to fines in black wtr

11-05-1999 CO 3306'-3337', returns-med to lite 1/8" coal and shale to fines in dark to gray wtr. Dry well, flow test - 2465 mcfd. COOH to DC's, surge 5 times w/ air and mist, pressures to 950 psi to 1800 psi on last three surges, returns-hvy coal, large gas flare. TIH, tag @ 3202', CO 3202'-3337', returns-hvy to lite 1/8" coal and shale (90/10) to fines in gray wtr, dry well, flow test

Continued on Back

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

Signed Tracy Ross  
TRACY ROSS

Title Production Analyst

Date November 28, 1999

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Conditions of approval, if any:

RECEIVED FOR RECORD  
Date \_\_\_\_\_

DEC 1 1999

**11-06-1999** COOH to DC's, surge 5 times w/ air mist to 850-1000 psi, returns-med to hvy coal, gas and wtr, TIH, tag @ 2896', CO bridges 2896'-3217', CO 3217'-3337' w/ 1800-900 scf air and 5 bph mist, returns-lite coal to 3320', hvy 1/8" coal and shale (90/10) to fines in dark gray wtr 3320'-3337'

**11-07-1999** CO @ 3337' w/ 900 scf air and 5 bph mist, returns-hvy 1/8" coal and shale (90/10) in black to dark gray wtr, well heads up and unloads wtr and hvy coal fines

**11-08-1999** CO @ 3337'-TD w/ 1800-900 scf air and 8-5 bph mist, returns-hvy reducing to lite 1/8" coal and shale (90/10) to fines in dark gray to gray wtr, dry well, flow test - 1059 mcf, COOH to DC's, SI for natural surge

**11-09-1999** Natural surge 6 times, 2 hr SI's, 600, 600, 600, 620, 640 & 650 psi, returns-gas on 1<sup>st</sup> four surges, gas and wtr on last two surges, TIH, PU swivel, CO 3247'-3337', returns-coal fines in black to dark gray wtr

**11-10-1999** CO @ 3337'-TD, returns-coal fines in gray wtr, dry well, flow test - 1044 mcf. COOH to DC's, natural surge 7 times, 2 hr SI's-580, 615, 615, 615, 620, 630, 640 psi, returns-gas, coal dust and wtr with coal fines, gas and wtr on last three

**11-11-1999** Natural surge 2 times, 2 hr SI-640 & 620 psi, returns-coal fines, gas and wtr, TIH, tag @ 3337', CO 3337'-TD, returns-hvy 1/8" coal and shale (95/05) to fines in black to dark gray wtr

**11-12-1999** CO @ 3337', returns-hvy reducing to lite 1/8" coal to fines in dark gray to gray wtr, dry well, flow test - 1160 mcf, natural surge 3 times, 2 hr SI's, 580, 600 & 600 psi, returns-gas, coal fines and mist

**11-13-1999** Natural surge 8 times, 600-640 psi, returns-gas and mist, lite coal and wtr on last 4 surges, TIH, tag @ 3330', CO @ 3337'-TD, returns-med coal fines in black wtr

**11-14-1999** CO @ 3337', returns-hvy 1/8" coal in black to dark gray wtr reducing to lite in gray wtr, dry well, flow test - 1086 mcf, natural surge 4 times, 2 hr SI's, 580 to 590 psi, returns-coal fines and wtr

**11-15-1999** Natural surge 7 times, 2 hr SI's, 580-640 psi, returns-lite coal fines, gas and wtr, TIH, tag @ 3330', CO @ 3337', returns-hvy 18" coal to fines in black to dark gray wtr

**11-16-1999** CO @ 3337', returns-hvy reducing to lite 1/8" coal in gray wtr, dry well, COOH, LDDC's, change pipe rams, RU to run liner

**11-17-1999** RU and run 5 1/2" liner, ran 5 jts (227.64) 17 #, N-80 8rd casing w/ LA set shoe on bottom @ 3338' and TIW JGS liner hanger @ 3110', jts 1 & 3 were pre perforated and plugged, LDDP, TIH w/ 2 3/8" tubing, mill perf plugs, LD tubing, PU and TIH w/ 2 7/8" tubing, ran 105 jts (3296.67') 6.5#, J-55 EUE 8rd set @ 3308.32' w/ tubing coupling on bottom and 2.25" ID F-nipple @ 3275', ND BOP

**11-18-1999** ND BOP stack, NUWH. Rig released @ 1100 hrs, 11/17/99

# ROSA UNIT #231 FRT

WELL NAME	DATE	VOLUME
ROSA UNIT #231	10/31/1998 0:00	9998
ROSA UNIT #231	11/30/1998 0:00	16362
ROSA UNIT #231	12/31/1998 0:00	15582
ROSA UNIT #231	1/31/1999 0:00	15101
ROSA UNIT #231	2/28/1999 0:00	13537
ROSA UNIT #231	3/31/1999 0:00	17326
ROSA UNIT #231	4/30/1999 0:00	19074
ROSA UNIT #231	5/31/1999 0:00	20915
ROSA UNIT #231	6/30/1999 0:00	20681
ROSA UNIT #231	7/31/1999 0:00	22473
ROSA UNIT #231	8/31/1999 0:00	22594
ROSA UNIT #231	9/30/1999 0:00	20703
ROSA UNIT #231	10/31/1999 0:00	20376
ROSA UNIT #231	11/30/1999 0:00	10959
ROSA UNIT #231	12/31/1999 0:00	38073
ROSA UNIT #231	1/31/2000 0:00	46449
ROSA UNIT #231	2/29/2000 0:00	43078
ROSA UNIT #231	3/31/2000 0:00	45788
ROSA UNIT #231	4/30/2000 0:00	42749