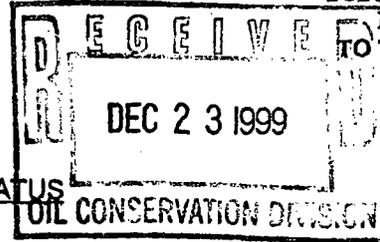


District I - (505) 393-6161  
 1625 N. French Dr  
 Hobbs, NM 88241-1980  
 District II - (505) 748-1283  
 911 S. First  
 Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Road  
 Aztec, NM 87410  
 District IV - (505) 827-7131

New Mexico  
 Energy Minerals and Natural Resources Department

1514 Form C-142  
 Date 06/99

Oil Conservation Division  
 2040 South Pacheco Street  
 Santa Fe, New Mexico 87505  
 (505) 827-7131



SUBMIT ORIGINAL  
 PLUS 2 COPIES  
 TO THE SANTA FE  
 OFFICE

APPLICATION FOR NEW WELL STATUS

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 167		API Number 30-045-29899		
UL K	Section 8	Township 31N	Range 6W	Feet From The 2315	North/South Line FSL	Feet From The 1410	East/West Line FWL	County San Juan

II. Date/Time Information

Spud Date 10/20/99	Spud Time 2000	Date Completed 11/7/99	Pool 72319
-----------------------	-------------------	---------------------------	---------------

III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

IV. Attach a list of all working interest owners with their percentage interests.

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.
- To the best of my knowledge, this application is complete and correct.

Signature Kristine Russell Title Production Analyst Date 12/17/99  
 SUBSCRIBED AND SWORN TO before me this 17th day of December, 1999.  
Shirley L. Davis  
 Notary Public  
 My Commission expires: 10/10/2001

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature <u>Mark Falley</u>	Title <u>P.E. Spec.</u>	Date <u>1-6-00</u>
---------------------------------	----------------------------	-----------------------

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 1/6/00

NOTICE: The operator must notify all working interest owners of this New Well certification.

PVZV2010728381

Submit 3 Copies  
To Appropriate  
District Office  
**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

**OIL CONSERVATION DIVISION**

2040 South Pacheco  
Santa Fe, NM 87565

RECEIVED  
NOV - 5 1999  
OIL CON. DIV.  
DIST. 3

**DISTRICT II**  
811 South First, Artesia NM 88210

**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO. 30-045-29899
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
6. Lease Name or Unit Agreement Name: ROSA UNIT
7. Well No. 167
8. Pool name or Wildcat BLANCO MESA VERDE

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)

1. Type of Well:  
Oil Well  Gas Well  Other

2. Name of Operator  
WILLIAMS PRODUCTION COMPANY

3. Address of Operator  
P O BOX 3102, MS 37-2, TULSA, OK 74101 *K-8-31N-6W*

4. Well Location  
Unit letter K : 2315 feet from the SOUTH line and 1410 feet from the WEST line

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
6334' GR

Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b>	<b>SUBSEQUENT REPORT OF:</b>
PERFORM REMEDIAL WORK	PLUG AND ABANDON
TEMPORARILY ABANDON	CHANGE PLANS
PULL OR ALTER CASING	OTHER: _____
OTHER: _____	REMEDIAL WORK
	ALTERING CASING
	COMMENCE DRILLING OPNS.
	PLUG AND ABANDONMENT
	CASING TEST AND CEMENT JOB <b>X</b>
	OTHER: _____

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103.

10-21-1999 MOL and RU. Drill rat and mouse holes. Spud surface hole at 2000 hrs. 10/20/99. TD surface hole with bit #1 (12-1/4", RTC, CHP H3) at 318'. Circulate and TOH. Ran 6 joints (274.28') of 9-5/8" 36#, K-55, LT&C casing and set at 288' KB. BJ cemented with 315 sx (208 cu.ft.) of Type III with 2% CaCl<sub>2</sub> and 1/4# cello-flake/sk. Displaced plug with 21 bbls of water. Plug down at 0300 hrs 10/21/99. Circulated out 10 bbls of cement. WOC. Nipple up BOP'S

10-22-1999 MOL WOC. Nipple up well head & BOP. Pressure test to 1500# - held OK. TIH w/ bit #2 (8-3/4", HTC, GTS-09C). Tag cement @ 250'. Drill out cement. Drilling ahead

Continued on Back

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Tracy Ross TITLE: Production Analyst DATE: November 2, 1999

Type or print name TRACY ROSS Telephone No: (918) 573-6254  
(This space for State use)

APPROVED BY ORIGINAL SIGNED BY ERNIE BUSCH DEPUTY OIL & GAS INSPECTOR, DIST. #9 TITLE \_\_\_\_\_ DATE NOV 15 1999

Conditions of approval, if any:

**10-23-1999 Drilling ahead**

**10-24-1999** Trip for bit #2 at 2459'. TIH w/ bit #3 (8-3/4", HTC, GTS-09C). Wash & ream back to bottom. Drilling ahead

**10-25-1999** Drilling ahead w/ bit #3 (8-3/4", HTC, GTS-09C). Inc. 34.900, Az. 104.200, Vert. Depth: 3453.26, BH location: 348.70 south & 1425.801 east. Vert. Sect: 1487.50', Dog leg severity: 1.814

**10-26-1999** TD intermediate hole w/ bit #3 (8-3/4", HTC, GTS-09C) @ 4283'. Circulate & condition hole. TOH. Laying down drill collars @ report time. Measure depth: 4231.34', Inc. 32.800, Az. 105.100, Vert. Depth: 3763.30, BH location: 399.45 south & 1626.67 east. Vert. Sect: 1674.65', Dog leg severity: 3.00

**10-27-1999** Finish LDDP and DC's. Change out rams & RU casing crew. Ran 105 jts. (4294.63') 7", 23#, K-55, LT&C casing and landed at 4284' KB. Float at 4244'. Rig up BJ and precede cement with 10 bbls of water and 10 bbls of scavenger cement. Cemented with 460 sx (954 cu.ft.) of Type III 65/35 poz with 8% gel, 1% CaCl<sub>2</sub> and 1/4# celloflake/sk. Tailed with 160 sx (222 cu.ft.) of Type III with 1/4# celloflake/sk and 1% CaCl<sub>2</sub>. Displaced plug with 169 bbls of water. Plug down at 1300 hrs 10/26/99. Circulated out 20 bbls of cement. ND BOP & set slips w/ 80,000#. Nipple up BOP's and bloote line. Pressure test BOPs and casing to 1500# - held OK. TIH and drill out cement with water and bit #4 (6-1/4", HTC, STR-09). Unload hole w/ nitrogen

**10-28-1999** Drilling ahead with air and bit #4 (6-1/4", HTC, STR-09). At MD = 5657.05', Inc. = 5.00, Az = 152.30, TVD = 5075.42'. Displacement is 668.65' south and 2038.61' east. Hole falling right into the target

**10-29-1999** TD well in target with air and bit #4 (6-1/4", HTC, STR-09) at 6683'. At MD = 6683', Inc. = 1.00, Az = 226.30, TVD = 6099.67'. Displacement is 719.31' south and 2053.77' east. Trip out to run casing

**10-30-1999** RU casing crew and run 56 jts. (2523.60') of 4-1/2", 10.5#, K-55, ST&C casing and TIW 4-1/2"x7" liner hanger on drill pipe and landed at 6680' KB. Latch collar at 6660' KB and marker joint at 5743' KB. Top of liner @ 4157' - 127' of overlap into 7". Rig up BJ. Cement with 80 sx (170 cu.ft.) of Premium Lite HS 65/35 poz w/ 6% Gel, 0.5% FL-52, 10#/sk. CSE, and 1% CaCl<sub>2</sub>. Tailed with 155 sx (334 cu.ft.) of Premium Lite 65/35 poz with 6% Gel, 0.5% FL-52, 1% CaCl<sub>2</sub>, 4% Phenoseal, 1/4#/sk celloflake, and 10W/sx CSE. Displaced plug with 69 bbls of water. Plug down at 1030 hrs 10/29/99. Set pack-off and circulate out 30 bbls of cement. Lay down DP and TIW setting tool. ND BOP's. Rig released at 1600 hrs. 10/29/99

Submit To Appropriate District Office  
 State Lease - 6 copies  
 Fee Lease - 5 copies  
 District I  
 1625 N. French Dr., Hobbs, NM 87240  
 District II  
 811 South First, Artesia, NM 87210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-105  
 Revised March 25, 1999

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

WELL API NO. 30-045-29899  
 5. Indicate Type of Lease  
 STATE  FEE   
 State Oil & Gas Lease No. 120782

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_ Lease Name or Unit Agreement Name ROSA UNIT  
 b. Type of Completion: NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESVR.  OTHER \_\_\_\_\_

2. Name of Operator WILLIAMS PRODUCTION COMPANY Well No. 167

3. Address of Operator P O BOX 3102, MS 37-2 TULSA, OK 74101  
 9. Pool name or Wildcat BLANCO MV

4. Well Location Unit Letter K : 2315 Feet From The SOUTH Line and 1410 Feet From The WEST Line  
 Section 08 Township 31N Range 06W NMPM SAN JUAN County

10. Date Spudded 10/20/99 10. Date T.D. Reached 10/28/99 11. Date Compl. (Ready to Prod.) 11/07/99 12. Elevations (DF& R(B. RT, GR, etc.) 6334' GR 14. Elev. Casinghead

15. Total Depth 6680' MD 6099' TVD 16. Plug Back T.D. 6600' MD 6019' TVD 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By 19. Producing Interval(s), of this completion - Top, Bottom, Name 5127' - 6502' 20. Was Directional Survey Made

21. Type Electric and Other Logs Run CBL, TMDL 22. Was Well Cored

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5-8"	36#	288'	12 1/4"	315 sx	928 yd
7"	20#	4284'	8 3/4"	620 sx	1176 yd

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4 1/2"	4157'	6680'	235 sx		2-3/8"	6462'	

26. Perforation record (interval, size, and number)  
 Lewis/CH/menefee: 5127', 44', 48', 5293', 97', 5486', 5614', 19', 81', 95', 5701', 28', 33', 62', 5836', 40', 65', 5910', 21', 25', 29', 38', 44', 48', 58', 69', 98', 6002', 05', 24', 30', 34', 52', 62', 62', 68', 78', 6103', 07', 50', 6155' & 59'. Total 41 (0.38") holes  
 Point Lookout: 6184', 88', 92', 96', 6200', 09', 14', 18', 23', 28', 44', 50', 53', 59', 61', 64', 74', 78', 86', 91', 6312', 16', 21', 26', 40', 56', 77', 84', 6403', 06', 11', 23', 31', 35', 82' & 6502'. Total 36 (0.38") holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
 DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED  
 5127' - 6159' 80,000# 20/40 Sand in 1943 bbls slick water  
 6184' - 6502' 80,000# 20/40 Sand in 1959 bbls slick water

28. PRODUCTION

Date First Production \_\_\_\_\_ Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) SI waiting on pipeline  
 Date of Test 11/07/99 Hours Tested 3 hrs Choke Size \_\_\_\_\_ Prod'n For Test Period \_\_\_\_\_ Oil - Bbl \_\_\_\_\_ Gas - MCF 2863 Water - Bbl. \_\_\_\_\_ Gas - Oil Ratio \_\_\_\_\_  
 Flow Tubing Press. SITP - 905 Casing Pressure SICP - 954 Calculated 24-Hour Rate \_\_\_\_\_ Oil - Bbl. \_\_\_\_\_ Gas - MCF \_\_\_\_\_ Water - Bbl. \_\_\_\_\_ Oil Gravity - API - (Corr.) \_\_\_\_\_

29. Disposition of Gas (Sold, used for fuel, vented, etc.) \_\_\_\_\_ Test Witnessed By \_\_\_\_\_

30. List Attachments \_\_\_\_\_

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature Tracy Ross Printed Name TRACY ROSS Title Production Analyst Date 11/12/99

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or reopened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in duplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

- |                       |                        |
|-----------------------|------------------------|
| Anhy _____            | T. Canyon _____        |
| Salt _____            | T. Strawn _____        |
| Salt _____            | T. Atoka _____         |
| Yates _____           | T. Miss _____          |
| 7 Rivers _____        | T. Devonian _____      |
| Queen _____           | T. Silurian _____      |
| Grayburg _____        | T. Montoya _____       |
| San Andres _____      | T. Simpson _____       |
| Glorieta _____        | T. McKee _____         |
| Paddock _____         | T. Ellenburger _____   |
| Blainebray _____      | T. Gr. Wash _____      |
| Tubb _____            | T. Delaware Sand _____ |
| Drinkard _____        | T. Bone Springs _____  |
| Abo _____             | T. _____               |
| Wolfcamp _____        | T. _____               |
| Penn _____            | T. _____               |
| Cisco (Bough C) _____ | T. _____               |

### Northwestern New Mexico

- |  |                        |
|--|------------------------|
| T. Ojo Alamo _____                     | T. Penn "A" _____      |
| T. Kirtland-Fruitland _____            | T. Penn. "B" _____     |
| T. Picture Cliffs: 3514' MD, 3172' TVD | T. Penn. "C" _____     |
| T. Lewis: 3806' MD, 3410' TVD          | T. Penn. "D" _____     |
| T. Cliff House: 5906' MD, 5324' TVD    | T. Leadville _____     |
| T. Menefee: 5950' MD, 5368' TVD        | T. Madison _____       |
| T. Point Lookout: 6182' MD, 5599' TVD  | T. Elbert _____        |
| T. Mancos: 6554' MD, 5970' TVD         | T. McCracken _____     |
| T. Gallup _____                        | T. Ignacio Otzte _____ |
| Base Greenhorn _____                   | T. Granite _____       |
| T. Dakota _____                        | T. _____               |
| T. Morrison _____                      | T. _____               |
| T. Todilto _____                       | T. _____               |
| T. Entrada _____                       | T. _____               |
| T. Wingate _____                       | T. _____               |
| T. Chinle _____                        | T. _____               |
| T. Permian _____                       | T. _____               |

### OIL OR GAS SANDS OR ZONES

- |                         |                         |
|-------------------------|-------------------------|
| No. 1, from.....to..... | No. 3, from.....to..... |
| No. 2, from.....to..... | No. 4, from.....to..... |

### IMPORTANT WATER SANDS

- Include data on rate of water inflow and elevation to which water rose in hole.
- |                         |           |
|-------------------------|-----------|
| No. 1, from.....to..... | feet..... |
| No. 2, from.....to..... | feet..... |
| No. 3, from.....to..... | feet..... |

### LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

WORKING INTEREST OWNERS  
ROSA UNIT #167

OWNERS

BPO

MESAVERDE

BP AMOCO  
501 Westlake Park Blvd.  
Room 2518  
Houston, TX 77079-2696

-0-

Coastal Oil & Gas Corporation  
Nine Greenway Plaza  
Houston, TX 77046-0995

36.255514%

Williams Production Company  
P.O. Box 3102  
Tulsa, OK 74101

63.744486%

100%