

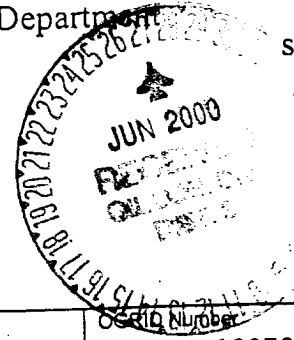
District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88240
District H - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131
2040 S. Pacheco
Santa Fe, NM 87505

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						Well Number 120782		
Contact Party Kristine Russell						Phone 918/573-6181		
Property Name Rosa Unit				Well Number 267		API Number 30-039-25012		
UL	Section	Township	Range	Feet From The	North/South Line	Feet From The	East/West Line	County
M	28	31N	5W	1115'	South	1200'	West	Rio Arriba

II. Workover	
Date Workover Commenced: 10/14/1999	Previous Producing Pool(s) (Prior to Workover):
Date Workover Completed: 11/11/1999	

- 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 11/11/99.

Signature District Supervisor <u>SS. J</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

070 FARMINGTON, NM

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 37-2, TULSA, OK 74101 (918) 573-6254

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1115' FSL & 1200' FWL, SW/4 SW/4, SEC 28 T31N R5W

5. Lease Designation and Serial No.
SF-078769

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
ROSA UNIT

8. Well Name and No.
ROSA UNIT #267

9. API Well No.
30-039-25012

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 Cavitation

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.)*

10-14-1999 MIRU service unit. Rig up choke manifold and lay choke lines. Blow well down. NDWH, NU BOP equipment. Lay bloole lines. Pressure test BOP equipment to 2000 psi with rig pump. Test OK. Pull tubing doughnut and prepare to pull tubing. TOOH with 2 3/8" production tubing. Lay down tubing and move off the racks. PU 10 4 3/4" drill collars and 3 1/2" drill pipe and place on the racks. Tally drill collars and drill pipe. Prepare to pick up same

10-15-1999 Pick up liner retrieving tool and 3 1/2" drill pipe. TIH to top of liner at 3179'. Latch onto liner hanger and work liner free. TOOH with liner, LD 5 joints of 5 1/2" casing. Change out rams. Pick up a 6 1/4" bit, 10 - 4 3/4" drill collars and TIH. Tag at 3325'. Clean out from 3325' to 3381' with 1800 cfm air, 8 bph H2O mist and water sweeps, TOOH. PU under reamer, TIH

10-16-1999 Cont. TIH w/ under-reamer. PU swivel & under-ream hole to 9-1/2" from 3225-3381'. Circ hole clean. TOOH w/ under-reamer. TIH w/ 6-1/4" bit, DC's on 3-1/2" DP to 3225'. Clean hole from 3225 - 3381'. Dry hole @ 3381' w/ 1800 SCF/M air. PUH into csg shoe @ 3213'. Surge hole 5-times w/ air & 5-BPM mist @ 1500#

10-17-1999 Surge OH 17-times w/ air & 5-BPH mist @ 1500-1800#, recovering lite-heavy coal, beginning to bring back water and 1/4 - 1/2" coal pieces

Continued on back

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

Signed

Tracy Ross
TRACY ROSS

Title Production Analyst

Date November 15, 1999

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

NOV 24 1999

11-02-1999 Clean out from 3245' to 3381' with 1800 cfm air, 10 bph H₂O mist and water/soap sweeps. Circulate up large amounts of coal fines. Running coals at 3280'-3290'. Every time we get cleaned out to bottom. Pull back up and have to start all over in this same spot

11-03-1999 Clean out from 3245' to 3381' with 1800 cfm air, 10 bph H₂O/soap mist and water/soap sweeps. Circulate up large amounts of coal fines. Running coals at 3280'-3290'. Every time we get cleaned out to bottom. Hole fell in at 3290'. Stuck for 30 min. Pull back up and have to start all over in this same spot

11-04-1999 Clean out from 3245' to 3381' with 1800 cfm air, 15 bph H₂O/soap mist and water/soap sweeps. Circulate up large amounts of coal fines. Running coals at 3280'-3290'. Every time we get cleaned out to bottom. Hole falls in at 3290'. Pull back up and have to start all over in this same spot. Slowly getting better. But only slightly better

11-05-1999 Clean out from 3245' to 3381' with 1800 cfm air, 15 bph H₂O/soap mist and water/soap sweeps. Circulate up large amounts of coal fines. Circulate on bottom with 1800 cfm air, 10 bph H₂O mist. TOOH to the shoe. Flow well through both blooie lines for ¾ hr. TIH, tag fill at 3372'. TOOH, LD drill collars. Change out rams in BOP for 5 1/5" casing. PU 5 joints 5 ½" casing and liner hanger. Install new rotating head rubber. TIH with liner, tag fill at 3372'. Wash and ream liner to bottom

11-06-1999 TIH w/ liner, tag fill at 3372'. Wash & ream liner down. Unable to get down past 3370' due to tight hole problems. Set liner at 3370'. Top of liner hanger at 3140'. Release from liner, TOOH. LD 3 ½" drill pipe. Change out pipe rams for 2 3/8" tubing. PU 4 ¾" mill and 2 3/8" tubing, TIH to 3235'. Wait on cross over sub for tubing to power swivel. Start to mill of perf plugs. Unable to drill down, TOOH with mill. Mill looked OK. Checked out liner setting tool and determined that part of the setting tool was down hole. Wait on super mill to mill out setting tool and perf plugs

11-07-1999 Wait on super mill to mill out setting tool and perf plugs. TIH with super mill and 2 3/8" tubing to 3235'. Mill on setting tool and mill out perf plugs from 3235' to 3365'. Circulate hole clean. Circulate up large amounts of coal fines up to 1" in diameter. TOOH with super mill. Pulled liner out with the mill. Lay down 5 joints of 5 ½" casing

11-08-1999 Lay down 5 joints of 5 ½" casing. Super mill stuck in bottom joint of casing. PU 6 ¼" bit, 10-4 ¾" drill collars and 3 ½" drill pipe. TIH to shoe at 2996'. PU power swivel and finish TIH. Tag bridge at 3042'. CO from 3042' to 3350' with 1800 cfm air, 8 bph mist and water sweeps. Circulate up large amounts of coal fines. Very sticky at 3320'. Cleaned out to 3350' twice. Had to pull back up to 3300' and start over at this point

11-09-1999 Clean out from 3042' to 3350' with 1800 cfm air, 8 bph mist and water sweeps. Circulate up large amounts of coal fines. Very sticky at 3320'. Cleaned out to 3350' twice. Had to pull back up to 3300' and start over at this point. TOOH to the shoe. Cavitate well. Surge 2 times with natural build up. Pressure to 880 psi in 4 hours. Flow back 1 hour. Had very heavy coal and water returns on flow back. Had a 40' flare. TIH, tag bridge at 3250'. Clean out from 3250' to 3320' with 1800 cfm air, 10 bph H₂O/soap mist. Circulate up large amounts of coal fines

11-10-1999 Clean out from 3250' to 3381' with 1800 cfm air, 10 bph H₂O/soap mist. Circulate up large amounts of coal fines. Circulate with 1800 cfm air to dry up the hole. TIH for liner. Change pipe rams for 5 ½" casing rams. PU liner hanger and prepare floor to PU casing. PU 5 joints of 5 ½" casing and TIH

11-11-1999 Wash and ream liner down from 3320' to 3372'. Could not get any deeper. (8' off bottom) Set liner hanger at 3155'. Release from liner. Repair rig clutch control. TOOH. LD 3 ½" drill pipe and 4 ¾" drill collars. Rig up Blue Jet and perforate intervals 3255' to 3285' and 3311' to 3371' with 4 jet shots per foot. Rig down wire line truck. Change rams for 2 3/8" tubing rams. TIH with 106 joints of 2 3/8", 4.7#, J-55, EUE 8rd production tubing, land at 3334', F-nipple @ 3302'. Nipple down BOP equipment and nipple up well head equipment. Rig down service unit. Rig released at 07:00 hrs 11/11/99.

ROSA UNIT #267 FRT

WELL NAME	DATE	VOLUME
ROSA UNIT #267	10/31/1998 0:00	14405
ROSA UNIT #267	11/30/1998 0:00	20888
ROSA UNIT #267	12/31/1998 0:00	12318
ROSA UNIT #267	1/31/1999 0:00	10418
ROSA UNIT #267	2/28/1999 0:00	18794
ROSA UNIT #267	3/31/1999 0:00	17682
ROSA UNIT #267	4/30/1999 0:00	14427
ROSA UNIT #267	5/31/1999 0:00	17951
ROSA UNIT #267	6/30/1999 0:00	10852
ROSA UNIT #267	7/31/1999 0:00	14432
ROSA UNIT #267	8/31/1999 0:00	12741
ROSA UNIT #267	9/30/1999 0:00	11841
ROSA UNIT #267	10/31/1999 0:00	4872
ROSA UNIT #267	11/30/1999 0:00	11807
ROSA UNIT #267	12/31/1999 0:00	17817
ROSA UNIT #267	1/31/2000 0:00	17947
ROSA UNIT #267	2/29/2000 0:00	15164
ROSA UNIT #267	3/31/2000 0:00	12928
ROSA UNIT #267	4/30/2000 0:00	10266