

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						OGRID Number 120782	
Operator name & address Williams Production Company P.O. Box 3102 Tulsa, OK 74101						Phone 918/573-6181	
Contact Party Kristine Russell						API Number 30-045-27420	
Property Name Rosa Unit						Well Number 242	
UL L	Section 33	Township 32N	Range 6W	Feet From The 2040'	North/South Line South	Feet From The 790'	East/West Line West
						County San Juan	

II. Workover	
Date Workover Commenced: 10/8/1999	Previous Producing Pool(s) (Prior to Workover):
Date Workover Completed: 10/21/1999	

- 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 23 day of JUNE, 2000.
Shirley A. 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 10-21-1999.

Signature District Supervisor <u>Charlie T. Kern</u>	OCD District <u>3</u>	Date <u>10-21-1999</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 WELL
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

NOV - 1 PM 2:37
070 FARMINGTON, NM

5. Lease Designation and Serial No.
SF-078772

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
ROSA UNIT

8. Well Name and No.
ROSA UNIT #242

9. API Well No.
30-045-27420

10. Field and Pool, or Exploratory Area
BASIN FRUITLAND COAL

11. County or Parish, State
SAN JUAN, NM

SUBMIT IN TRIPPLICATE

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)
2040' FSL & 790' FWL, NW/4 SW/4, SEC 33 T32N R6W

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 Complete

- ☐ 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.)*

10-08-1999 MIRU, SICP = 800 psi, SITP = 800 psi, blow well down, NDWH, NUBOP stack, NU bloole lines. Pres test BOP to 2500 psi. Unseat donut, PU 2 jts 2 3/8" tbg & tag 9' of fill @ 3170'. Tally out w/98 jts 2 3/8" tbg standing back. Change over to run 3 1/2" DP, TIH w/TIW set tool, 8 4 3/4" DC's & 86 jts 3 1/2" DP. Screw into 5 1/2" liner hanger, PU & drag 5 1/2" liner up hole 15', work stuck liner

10-09-1999 Work stuck liner. Back off @ hanger & TOO H w/setting tool. TIH w/jarring assembly, screw into hanger @ 2914'. Jar fish free. TOO H w/5 jts 5 1/2" liner, left one jt in hole w/pin looking up. TIH w/spear & jarring assembly, wash down to 3130' & set grapple. TOO H, no fish. TIH w/same, wash down & attempt to set. TOO H, no fish. Dress up spear & TIH. Wash down to top of fish

10-10-1999 Wash down to top of fish & attempt to set. TOO H, no fish, grapple sprung open & jammed w/shale. Dress up grapple & TIH to 3130'. Attempt to set. TOO H, no fish, LD jarring assembly. TIH w/6 1/4" bit to 3130'. CO from 3130' - 3163' w/5 bph air/soap mist, hang up several times, PU & start over. Blow well dry, PU bit to 3010'. Flow natural 1 hr. gauge well on 2" open line, all gauges dry & avg 970 mcf/d. Surge well 2 times w/5 bph a/s mist, pres @ 800 psi, ret's gas/air mist & trace coal/shale

Continued on Back

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

Signed Tracy Ross
TRACY ROSS

Title Production Analyst

Date October 29, 1999

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

NOV 18 1999

10-11-1999 Surge from 3010' (3 times) w/5 bph air/soap mist, pres @ 800 psi, ret's lt coal & shale. TIH & tag bridge @ 3085' break circ w/5 bph a/s mist. CO bridge from 3085'- 3100' CO fill f/3129'- 3155' hang up & stick pipe several times, PU & start over. Blow well dry. TOOH check bit. Surge from surface w/600 air only ahead, 5 bbl prod wtr & ½ gal soap, pres to 800 psi, ret's extra hvy. Natural surge, 2 hr SI = 350 psi, ret's med-hvy coal & shale. Surge from surface

10-12-1999 Surge from surface (2 times) w/600# air only ahead, 5 bbls prod wtr & 1 gal soap, pres @ 800 psi, ret's hvy coal & shale. Tag fill @ 3055', CO to 3162' w/5 bph air/soap mist & 5 bbl sweeps. TOOH w/bit. Surge from surface w/air only, pres @ 750 psi, hvy ret's = 50% coal & 50% shale. Surge w/600# air ahead, 5 bbls prod wtr & 1 gal soap, pres @ 800 psi, ret's extra hvy & plug blooie lines. Unplug & flow natural

10-13-1999 Surge from surface (4 times) w/200# air ahead, 5 bbls prod wtr & 1 gal soap, pres @ 700 psi, extra hvy ret's = 50% coal & 50% shale. TIH & tag fill @ 3088'. Break circ & CO from 3088'- 3160' w/5 bph air/soap mist & 5 bbl sweeps, loose circ & start hanging up, PU & start over several times w/same results

10-14-1999 TOOH w/bit. Surge from surface w/200# air only ahead, 5 bbls prod wtr & ½ gal soap, pres @ 710 psi hvy ret's = 80% coal & 20% shale. Natural surge, 4 hr SI = 480 psi, hvy ret's = 90% dust to 1" size dry coal fines & 10% shale. Flow natural. Gauge well on 2" open line, all gauges dry & avg 643 mcf. Surge from surface, pres @ 710 psi, hvy rets = 100% coal = dust to ¾" in size. Natural surge (2 times) both 4 hr SI = 480 psi, ret's hvy coal & thick black wtr

10-15-1999 Natural surge, 4 hr SI = 480 psi, hvy ret's. Surge (2 times) w/200 psi 5 bph air/soap mist ahead, 5 bbls wtr & 1 gal soap, pres @ 700 psi, hvy ret's. Natural surge, 4 hr SI = 460 psi, ret's lt-med. Surge w/400 psi 5 bph air/soap mist ahead, 5 bbls wtr & 1 gal soap, pres to 700 psi, ret's extra hvy, plug blooie lines & bridge off in csg. TIH & tag bridge @ 650' break circ w/prod wtr, co to 690 & fell thru. Well unloading on own. TOOH w/bit. SI from natural surge

10-16-1999 Natural surge, 4 hr SI = 420 psi, ret's med-hvy coal & lt shale. TIH & tag bridge @ 3088'. Break circ. CO from 3088'- 3155' w/8 to 18 bph air/soap mist & 5 bbl sweeps, hvy ret's = 70% coal & 30% shale, lose circ numerous times & start hanging up, PU bit to 3129' & start over w/same results

10-17-1999 CO from 3129'- 3155' w/18 bph air/soap mist, med-hvy ret's = 70% coal, 30% shale & black wtr. Lose circ & hang up several times, PU bit to 3129' let well unload and start over. Blow well dry. TOOH w/bit. Natural surge, 4 hr SI = 375 psi, ret's lt-med coal fines & black wtr. Gauge well on 2" open line, all gauges hvy mist & avg 1193 mcf. SI for natural surge

10-18-1999 Natural surge f/surface (4 times) 4 hr SI = 400 psi, ret's lt-med coal & med black wtr. Flow natural 2 hrs after each surge

10-19-1999 Natural surge, 4 hr SI = 400 psi, ret's lite. TIH & tag bridge @ 3035'. CO to 3155' w/6 bph air/soap mist & 5 bbl sweeps. PU bit to 3030'. Natural surge (2 times) 1st 4 hr SI = 460 psi, 2nd = 450 psi, ret's lite coal fines. Tag bridge @ 3108' & CO to 3155'. Blow well from 3150'

10-20-1999 Blow well from 3155' w/6 bph air/soap mist, ret's lite. Blow w/air only, PU bit to 3010'. Flow natural. TOOH w/bit. Surge from surface w/400 psi 5 bph air/soap mist ahead, 5 bbls & ½ gal soap, pres @ 740 psi, ret's lite coal fines. Flow natural. Gauge well on 2" open line all gauges lite mist = 869 mcf. TIH & tag bridge @ 3114'. CO to 3155' w/6 bph air/soap mist & 5 bbl sweeps, ret's lite-med coal fines. Blow dry. TOOH w/DC's LD same. MU hanger

10-21-1999 TIH w/5 ½" liner. Tag bridge @ 3130'. Wash liner down to 3155' & set hanger @ 2880'. TOOH laying down w/3 ½" DP & setting tool. TIH w/4 ¾" mill. Mill out plugs, circ clean. TOOH w/mill. TIH w/ prod tbg, land in donut @ 3123' KB. ND BOP's & blooie lines, NUWH. Gauge well on 2" line, all gauges dry & avg 752 mcf. RD rig & equip, release rig

ROSA UNIT #242 FRT

2482	1	ROSA UNIT #242	Mar-98	6270
2482	1	ROSA UNIT #242	Apr-98	9112
2482	1	ROSA UNIT #242	May-98	13156
2482	1	ROSA UNIT #242	Jun-98	13303
2482	1	ROSA UNIT #242	Jul-98	11087
2482	1	ROSA UNIT #242	Aug-98	15867
2482	1	ROSA UNIT #242	Sep-98	12829
2482	1	ROSA UNIT #242	Oct-98	13299
2482	1	ROSA UNIT #242	Nov-98	12930
2482	1	ROSA UNIT #242	12/31/1998 0:00	17996
2482	1	ROSA UNIT #242	1/31/1999 0:00	17530
2482	1	ROSA UNIT #242	2/28/1999 0:00	18201
2482	1	ROSA UNIT #242	3/31/1999 0:00	23764
2482	1	ROSA UNIT #242	4/30/1999 0:00	24445
2482	1	ROSA UNIT #242	5/31/1999 0:00	25875
2482	1	ROSA UNIT #242	6/30/1999 0:00	22621
2482	1	ROSA UNIT #242	7/31/1999 0:00	20321
2482	1	ROSA UNIT #242	8/31/1999 0:00	15553
2482	1	ROSA UNIT #242	9/30/1999 0:00	16285
2482	1	ROSA UNIT #242	10/31/1999 0:00	5924
2482	1	ROSA UNIT #242	11/30/1999 0:00	17843
2482	1	ROSA UNIT #242	12/31/1999 0:00	21333
2482	1	ROSA UNIT #242	1/31/2000 0:00	21256
2482	1	ROSA UNIT #242	2/29/2000 0:00	21586
2482	1	ROSA UNIT #242	3/31/2000 0:00	24112
2482	1	ROSA UNIT #242	4/30/2000 0:00	26706
2482	1	ROSA UNIT #242	5/31/2000 0:00	28748
2482	1	ROSA UNIT #242	6/30/2000 0:00	27214
2482	1	ROSA UNIT #242	7/31/2000 0:00	24351
2482	1	ROSA UNIT #242	8/31/2000 0:00	23626