

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		
Operator name & address Williams Production Company P.O. Box 3102 Tulsa, OK 74101						120782		
Contact Party Kristine Russell						Phone 918/573-6181		
Property Name Rosa Unit						API Number 30-039-24239		
U G	Section 19	Township 31N	Range 5W	Feet From The 1590'	North/South Line N	Feet From The 1465'	East/West Line E	County Rio Arriba

II. Workover	
Date Workover Commenced: 7/30/1999	Previous Producing Pool(s) (Prior to Workover):
Date Workover Completed: 8/24/1999	

- 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 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 8/24/99.

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: \_\_\_\_\_

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

Form C-103

# OIL CONSERVATION DIVISION

Revised 1-1-89

1000 BRAZOS RD.  
AZTEC, NM 87410

Submit 3 copies to  
Appropriate District Office

DISTRICT 1  
P O Box 1980, Hobbs, NM 88240  
DISTRICT 2  
P O Drawer DD, Artesia, NM 88210  
DISTRICT 3  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.	30-039-24239
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	SF-078764

**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)

7. Lease Name or Unit Agreement Name	ROSA UNIT
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1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
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2. Name of Operator WILLIAMS PRODUCTION COMPANY
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8. Well No. 204	RECEIVED SEP 13 1999
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3. Address of Operator P O BOX 3102, MS: 37-2, TULSA, OK 74101
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9. Pool Name or Wildcat BASIN FRUITLAND COAL
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4. Well Location Unit Letter <u>G</u> : <u>1590</u> Feet From The <u>NORTH</u> Line and <u>1465</u> Feet From The <u>EAST</u> Line Section <u>19</u> Township <u>31N</u> Range <u>5W</u> NMPM RIO ARRIBA COUNTY
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10. Elevation (Show whether DF, RKB, RT, GR, etc.) 6352' KB	OIL CON. DIV. DIST. 3
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CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	REMEDIAL WORK COMMENCE DRILLING OPERATIONS CASING TEST AND CEMENT JOB	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
PLUG AND ABANDON CHANGE PLANS OTHER	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	ALTERING CASING PLUG AND ABANDONMENT OTHER	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>

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.  7-30-1999 MIRU, NDWH, NU BOP, HCR valves, choke manifold and blooie lines, pressure test same, change pipe rams to 2 7/8"  7-31-1999 Pull and stand back tubing, PU mill, DC's and DP, TIH, mill 6.5 of liner hanger, COOH w/ mill, MU spear, jars and bumper sub, TIH  8-01-1999 PU fishing tools, TIH, spear liner, COOH, LD 4 jts liner, left one jt in hole, apparently parted when run in 1988, TIH w/ spear, fish liner, COOH, no recovery, TIH w/ spear, PU swivel, wash down to liner, catch liner, move liner up hole 90', PU swivel, circulate liner, jar on liner, COOH, LD bottom jt liner  <p style="text-align: center;">Continued on Back</p>
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I hereby certify that the information above is true and complete to the best of my knowledge and belief.		
SIGNATURE <u>Tracy Ross</u>	TITLE <u>PRODUCTION ANALYST</u>	DATE <u>September 8, 1999</u>
TYPE OR PRINT NAME <u>TRACY ROSS</u>	TELEPHONE NO. <u>918/573-6254</u>	

ORIGINAL SIGNED BY CHARLIE T. PERMAN (This space for State Use) APPROVED BY _____ CONDITIONS OF APPROVAL, IF ANY:	DEPUTY OIL & GAS INSPECTOR, DIST. 3 TITLE _____ DATE <u>SEP 13 1999</u>
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8-02-1999 Load out fishing tools, TIH w/ underreamer, underream 3065'-3204', COOH, TIH w/ 6 1/4" bit, tag @ 3140', CO 3140'-3204', returns-hvy 1/8" coal to fines in black wtr

8-03-1999 CO @ 3204'-TD, returns-hvy to lite 1/8" coal to fines in gray wtr, 2 hr SI - 74 psi, surge 11 times to 1800 psi, returns-air and wtr

8-04-1999 CO 3093'-3204', returns-hvy 1/8" coal and shale (90/10) to fines in brown wtr reducing to lite coal in gray wtr. LD 6 jts DP. Surge 2 times w/ air and wtr to 1800 psi, returns-air and wtr, well bridged on 2<sup>nd</sup> surge, TIH, tag @ 3093', CO 3093'-3191', returns-hvy 1/8" coal and shale (90/10)

8-05-1999 CO @ 3204', returns-1/16" coal and shale (90/10) to fines in gray wtr, dry well, flow test, COOH to DC's, surge 3 times w/ air and wtr to 1800 psi, returns-coal fines and air

8-06-1999 Surge 2 times w/ air and wtr to 1800 psi, returns-lite coal, air and wtr, rig repair, replace swivel, surge 3 times w/ air and wtr to 1800 psi, returns-med coal in black to gray wtr, well bridged off

8-07-1999 Release surge, well bridged, TIH, tag bridge @ 2353', CO bridge, coal pushing up hole, returns-hvy coal in black wtr, TIH, tag @ 3097', CO 3097'-3204', returns-hvy 1/8" coal and shale (95/05) to fines in black wtr reducing to lite 1/8" coal to fines gray wtr

8-08-1999 COOH to DC's, surge 5 times w/ air and wtr to 1800 psi, 3<sup>rd</sup> surge bridged casing, broke bridge w/ air pressure, last surge bridged below bit, returns-hvy coal, gas and wtr, work on bridge 360'-390', TIH, tag 1370', CO bridges 1370'-1536', returns-hvy coal

8-09-1999 CO bridge 1370'-1536', TIH, tag 1848', CO bridge 1848'-1911', TIH, CO 3100'-3160', returns-hvy 1/8" coal and shale (90/10) in dark gray wtr

8-10-1999 CO 3160'-3204', returns-hvy 1/8" coal and shale (90/10) to fines in gray wtr reducing to lite coal

8-11-1999 COOH to DC's, surge 5 times w/ air and mist, pump in 4 hrs each surge, pressures-1500, 1600, 1650, 1700 & 1750 psi, returns-lite coal to coal fines, gas and wtr

8-12-1999 TIH, tag @ 3117', CO 3117'-3128', returns-hvy 1/8" coal and wtr, CO 3128'-3204' w/ 1800 scf-900 scf air and 5 bph mist, (lost engine on one compressor @ 2200 hrs), returns-hvy 1/8" coal and shale (90/10) to fines in brown wtr reducing to lite coal, dry well

8-13-1999 Surge 2 times w/ 2 hr SI, 150 psi and 140 psi. TIH, tag @ 3117'. CO 3117'-3204', returns-med reducing to lite 1/8" coal and shale (90/10) to fines in 2" stream of brown wtr. COOH to surge

8-14-1999 Surge 7 times w/ air and wtr to 1550 psi, pump in w/ air and 5 bph mist for 3 hrs, returns-coal fines, wtr and gas

8-15-1999 Release 7<sup>th</sup> surge, returns-coal fines, wtr and gas, TIH, tag 3124', CO to 3204'-TD, returns-lite coal fines in brown wtr, dry well, COOH to DC's, surge 3 times w/ air and wtr to 1400, 1600, and 1800 psi, returns-hvy coal in black wtr, well bridged, TIH, tag 3002', CO to 3160', returns-hvy 1/8" coal and shale (90/10) to fines in black wtr

8-16-1999 CO 3160'-3204', returns-hvy 1/8" coal and shale (90/10) to fines in black to brown wtr

8-17-1999 CO @ 3204'-TD, returns-hvy to lite 1/16" coal and shale (90/10) to fines in brown wtr. COOH to DC's, surge 3 times to 1400 psi, returns-hvy coal in black wtr, well bridged on 3<sup>rd</sup> surge, TIH

8-18-1999 TIH, tag @ 2004, CO bridges to 7" shoe, CO 3055'-3204' w/ 1800 scf air and 5-10 bph mist, CO @ TD @ 1600 hrs, hole got tight, LD 3 jts, returns-hvy 1/8" coal and shale (90/10) to fines in black to brown wtr

8-19-1999 CO 3191'-3204', returns- hvy to lite 1/8" coal and shale (90/10) to fines in brown wtr. COOH to DC's, surge 3 times w/ air and wtr (3/hr buildup to 1350 psi), returns-hvy coal and fines, wtr and gas

8-20-1999 Surge 3 times w/ air and wtr to 1350 psi, returns-med coal to fines in brown wtr, TIH, CO 3107'-3191', returns-very lite coal and mist, LD 3 jts, establish circulation, start CO @ 3066', returns-hvy 1/16" coal and shale (90/10) to fines in brown wtr, CO 3066'-3191', returns-hvy to med 1/16" coal and shale (90/10) to fines in brown wtr

8-21-1999 CO 3097'-3191' w/ 1800 scf air and 10 bph mist w/ 5 bbl sweeps, returns-hvy to lite 1/16" coal to fines in black to brown wtr

8-22-1999 CO 3180'-3204', returns-med to lite 1/16" coal to fines in black to brown wtr, COOH, LD DP, PU and RIH w/ bit, bit sub and 5 jts 5 1/2" liner and hanger, wash liner to 3180'

8-23-1999 Wash liner to bottom 3175'-3204', hang liner and release setting tool. COOH LD DP, also came out of hole w/ liner, setting tool did not release, LD liner hanger and 5 jts liner, disassemble hanger, clean and reassemble, PU liner and liner hanger, TIH w/ liner and hanger picking up DP

8-24-1999 TIH w/ liner, wash to bottom. Hang liner, ran 5 jts 5 1/2" (238.76) 17#, N-80 w/ bit and bit sub on bottom @ 3201' and TIW JGS liner hanger @ 2962'. COOH w/ setting tool. TIH, LDDP, perforate w/ Blue Jet the intervals 3199'-3163' and 3162'-3098' w/ 4 SPF, .75" holes, RD Blue Jet, rerun 100 jts 2 7/8" tubing (3156') w/ expendable check on bottom and 2.25" ID F-nipple @ 3124', ND BOP, NU WH, pump off expendable check, RD

# ROSA UNIT #204 FRT

ROSA UNIT #204	1/31/1998	10
ROSA UNIT #204	2/28/1998	0
ROSA UNIT #204	3/31/1998	29
ROSA UNIT #204	4/30/1998	53
ROSA UNIT #204	5/31/1998	80
ROSA UNIT #204	5/31/1998	80
ROSA UNIT #204	6/30/1998	45
ROSA UNIT #204	7/31/1998	57
ROSA UNIT #204	8/31/1998 0:00	24
ROSA UNIT #204	9/30/1998 0:00	56
ROSA UNIT #204	10/31/1998 0:00	91
ROSA UNIT #204	11/30/1998 0:00	104
ROSA UNIT #204	12/31/1998 0:00	0
ROSA UNIT #204	1/31/1999 0:00	0
ROSA UNIT #204	2/28/1999 0:00	0
ROSA UNIT #204	3/31/1999 0:00	90
ROSA UNIT #204	4/30/1999 0:00	172
ROSA UNIT #204	5/31/1999 0:00	72
ROSA UNIT #204	6/30/1999 0:00	266
<b>ROSA UNIT #204</b>	<b>7/31/1999 0:00</b>	<b>53</b>
ROSA UNIT #204	8/31/1999 0:00	379
ROSA UNIT #204	9/30/1999 0:00	1322
ROSA UNIT #204	10/31/1999 0:00	1582
ROSA UNIT #204	11/30/1999 0:00	2168
ROSA UNIT #204	12/31/1999 0:00	2621
ROSA UNIT #204	1/31/2000 0:00	2400
ROSA UNIT #204	2/29/2000 0:00	2981
ROSA UNIT #204	3/31/2000 0:00	4167
ROSA UNIT #204	4/30/2000 0:00	3679