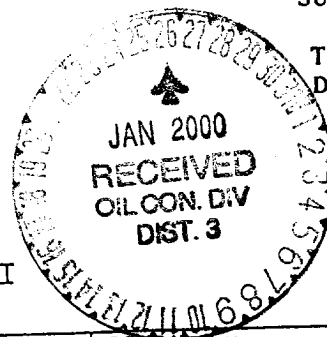


1625 N. French Dr  
Hobbs, NM 88241-1980  
District II - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
District IV - (505) 827-7131

NEW MEXICO  
Energy Minerals and Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

Revised 06-99

SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO APPROPRIATE  
DISTRICT OFFICE



APPLICATION FOR  
PRODUCTION RESTORATION PROJECT

I. Operator and Well:						OGRD 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				Well Number 220		API Number 30-039-24493			
UL	B	Section 13	Township 31N	Range 6W	Feet From The 980'	North/South Line North	Feet From The 990'	East/West Line East	County Rio Arriba

II. Pool and Production Restoration:	
Previous Producing Pool(s) (If change in Pools):	
Date Production Restoration started: 9/15/99	Date Well Returned to Production: 10/10/99
Describe the process used to return the well to production (Attach additional information if necessary): Sidetrack & cavitation	

III. Identify the period and Division records which show the Well had thirty (30) days or less production for the twenty-four consecutive months prior to restoring production:	
Records Showing Well produced less than 30 days during 24 month period: <input type="checkbox"/> Well file record showing that well was plugged <input type="checkbox"/> ONGARD production data <input checked="" type="checkbox"/> OCD Form C-115 (Operator's Monthly Report)	Month/Year (Beginning of 24 month period): 9/97 Month/Year (End of 24 month period): 2/99

IV. Affidavit:	
State of <u>Oklahoma</u> )	
County of <u>Tulsa</u> ) 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 personal knowledge of the facts contained in this Application.	
3. To the best of my knowledge, this application is complete and correct.	
Signature <u>Kristine Russell</u>	Title <u>Production Analyst</u> Date <u>1/14/2000</u>
SUBSCRIBED AND SWORN TO before me this <u>14</u> day of <u>January</u> , <u>2000</u> .	
<u>Shirley A. Davis</u> Notary Public	
My Commission expires: <u>10/10/2001</u>	

FOR OIL CONSERVATION DIVISION USE ONLY:

V. CERTIFICATION OF APPROVAL:
This Application is hereby approved and the above-referenced well is designated a Production Restoration Project. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that production was restored on: <u>10/31/1999</u>

Signature District Supervisor <u>SSS</u>	OCD District <u>3</u>	Date <u>2/24/00</u>
--	-----------------------	---------------------

VI. 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

RECEIVED  
BLM

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICE AND REPORTS ON WELL APPLICATION  
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

RECEIVED  
OCT 10 AM 5:10  
070 FARMINGTON, NM

SUBMIT IN TRIPLICATE		5. Lease Designation and Serial No. SF-078767
		6. If Indian, Allottee or Tribe Name
		7. If Unit or CA, Agreement Designation ROSA UNIT
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. ROSA UNIT #220
2. Name of Operator WILLIAMS PRODUCTION COMPANY		9. API Well No. 30-039-24493
3. Address and Telephone No. PO BOX 3102 MS 37-2, TULSA, OK 74101 (918) 573-6254		10. Field and Pool, or Exploratory Area BASIN FRUITLAND COAL
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 980' FNL & 990' FEL, NW/4 NE/4, SEC 13 T31N R6W		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
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Sidetrack and Cavitation Complete</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.)\*

9-15-1999 MIRU. SICP = 350 psi, SITP = 0 psi, blow well down. NDWH, NUBOP stack & bloole lines. Pres test BOP to 2500 psi. Unseat donut & tally out w/90 jts 2 3/8" tbg standing back. RU Halco wireline, run CBL across kick off point, wireline set 7" CIBP @ 2488'. Tally in w/5 1/2" x 7" whipstock w/6 1/4" starting mill, 1 jt 3 1/2" DP, 8 4 3/4" DC's & 69 jts 3 1/2" DP. Set whipstock @ 2488'. Mill top of window @ 2474' w/16 bph air/soap mist. TOO H w/starting mill. TIH w/ 6 1/4" window mill & string mill, break circ. Mill on window from 2474'- 2482' w/16 bph air/soap mist

9-16-1999 Mill & dress up window from 2474'- 2482', mill 6' of open hole to 2488', circ clean. TOO H w/ mills. TIH w/6 1/4" re-run bit, stabilizer & 8 4 3/4" DC's. RU power swivel, break circ w/10 bph air/soap mist. Drlg from 2488'- 2850' take surveys (see details). TOO H w/ weak bit. TIH w/new 6 1/4" re-run bit, break circ. Continue drilling

9-17-1999 Drlg from 2879'- 3179'(TD) survey every 60' (see details). TOO H w/DC's LD same. TIH w/5 1/2" liner to 3179'. Unload hole w/air. Cmt liner w/50 sx Class B cmt, plug down @ 2145 hrs. TOO H laying down w/3 1/2" DP & setting tool. Tally 3 1/2" DC's & 2 7/8" DP. WOC

Continued on Back

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

Signed

Tracy Ross  
TRACY ROSS

Title Production Analyst

Date October 7, 1999

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ACCEPTED FOR RECORD

OCT 19 1999

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or materially false information.

9-18-1999 TIH w/4 3/4" bit, & 10 3 1/2" dc's on 2 7/8" DP, tag cmt @ 3130'. Circ hole clean & pres test csg to 1250 psi & held. DO 40' of soft cmt & 7' of hard cmt to 3177'. DO float collar & shoe from 3177'- 79' w/prod wtr, circ clean. Unload csg w/air, est circ w/10 bph air/soap mist. Drig open hole from 3179'- 3342'(TD). Circ clean & survey @ 3319' = 9 deg. TOO H w/bit. TIH w/4 3/4" bit & Baker underreamer to 3183' break circ w/10 bph air/soap mist, open arms on underreamer. Underream 4 3/4" open hole to 8 1/4" f/3183'- 3342', circ clean. LD 7 jts 2 7/8" DP & start out w/underreamer

9-19-1999 TOO H w/underreamer. SI from 4 hr natural build up = 680 psi, flow nat 1 hr. TIH & tag bridge @ 3256'. RU power swivel, break circ w/5 bph air/soap mist. CO from 3256'- 3342'(TD). Blow well dry & PU bit to 2385'. Surge well (6 times) w/5 bph air/soap mist, pres @ 1000 psi, ret's lite coal fines & black wtr. TIH & tag bridge @ 3225', CO to 3267' w/5 bph air/soap mist & 5 bbl sweeps, ret's med-hvy coffee ground size coal

9-20-1999 CO from 3267'- 3342' w/6 bph air/soap mist & 5 bbl sweeps, ret's med coffee ground size coal. Blow well dry & PU bit to 2385'. Surge well (5 times) w/5 bph a/s mist, pres @ 1200 psi, ret's lite coal fines & black wtr. TIH & tag 8' of fill @ 3334'. Break circ & co to 3342' w/6 bph a/s mist & 5 bbl sweeps, ret's med coal fines. Blow well dry & PU bit to 2385'. Surge well (3 times) w/5 bph a/s mist, pres @ 1400 psi, ret' lite - med coal fines

9-21-1999 Surge from 2385' (2 times) w/5 bph air/soap mist, pres @ 1400 psi, ret's med-lite. TIH & tag, CO bridges from 3162'- 3182' & 3260'- 3274', CO to 3312' bridge off & start hanging up. Work pipe free & TOO H w/ DC's, stand DC's back. TIH & tag bridge @ 3232', PU PS, break circ. CO from 3232'- 3342' w/5 bph a/s mist & 5 bbl sweeps, ret's hvy coal & shale. Blow well dry, PU bit to 2373'. Surge (3 times) w/5 bbls prod wtr & 1/2 gal soap ahead, pres @ 1400 psi, med ret's = 70% coal & 30% shale

9-22-1999 Surge well from 2373' (2 times) w/5 bbls & 1/2 gal soap ahead & 5 bph air/soap mist, pres @ 1400 psi, med ret's = 70% coal & 30% shale. TIH & tag bridge in 5 1/2" csg @ 2928'. CO bridges from 2928'- 45', 3170'- 80', 3220'- 25' & 30' of fill to TD w/5 bph a/s mist, ret's hvy coal = dust to 1/4" & med shale. Blow well from TD w/5 bph a/s mist. Blow dry & PU bit to 2373'. Break over w/air only @ 1530 psi, ret's med-hvy coal dust. Surge (6 times) w/5 bbls & 1 gal soap ahead, pres @ 1400 psi, ret's hvy- extra hvy coal & med shale

9-23-1999 Surge from 2373' w/5 bbls & 1 gal soap ahead, pres @ 1400 psi, ret's lite, bridge off. TIH & tag bridge @ 3230', attempt to break circ, bit plugged. TOO H w/bit, unplug bit & BS. TIH w/bit. CO bridges from 3230'- 40', 3310'- 20' & 22' of fill to TD. CO on bottom w/6 bph air/soap mist & 5 bbl sweeps, ret's hvy coal = dust to 1/2" in size. Blow dry & PU bit to 2373'. SI for 1 hr build up = 400 psi, flow nat. Gauge well on 2" line, all gauges hvy mist & avg 1018 mcf/d. Natural surge, 4 hr SI = 930 psi, flow nat

9-24-1999 Flow natural. Surge from 2373' (3 times) w/600# air ahead, 5 bbls & 1/2 gal soap, pres to 1400 psi, ret's med-hvy coal & lite shale. TIH & tag 16' of fill. CO to 3342'(TD) w/6 bph air/soap mist & 5 bbl sweeps. Blow well dry & PU bit to 2365'. Break over w/air only @ 1360 psi. Flow well natural. Natural surge, 4 hr SI = 880 psi, flow natural

9-25-1999 Surge from 2365' (2 times) w/600# air ahead, 5 bbls & 1/2 gal soap, pres to 1200 psi, ret's extra-hvy coal & lite shale, bridge off on 2<sup>nd</sup> surge. TIH & CO bridge from 3200'- 3235' w/6 bph air/soap mist. CO to 3274' ret's hvy coal & shale, hole got tight & started sticking pipe. LD 2 jts & break circ w/6 bph a/s mist. CO from 3211'- 3274' w/10 bph a/s mist, ret's hvy coal & med shale (coal running)

9-26-1999 CO from 3274'- 3342'(TD) w/10 bph air/soap mist, ret's hvy coal & med shale. Blow well from 3342' w/6 bph a/s mist & 5 bbl sweeps, ret's med-lite coal fines. Blow well dry & PU bit to 2365'. Natural surge (3 times) 1<sup>st</sup> 4 hr SI = 860 psi, 2<sup>nd</sup> = 865 psi, 3<sup>rd</sup> = 900 psi, ret's lite-med black wtr & lite coal fines, flow natural 1 hr after each surge

9-27-1999 Natural surge, 4 hr SI = 930 psi, ret's = med black wtr & lite coal fines. Flow natural. Surge f/2365' (9 times) w/600# air ahead, 5 bbls & 1/2 gal soap, pres to 1200 psi, rets = hvy to extra hvy coal fines & lite shale. Flow natural 1 hr each surge

9-28-1999 Surge from 2365' w/600# air ahead, 5 bbls & 1/2 gal soap, pres to 1200 psi, ret's med coffee ground size coal & med shale. TIH & tag bridge @ 3203'. CO from 3203'- 3284' w/6 bph air/soap mist, ret's hvy coal & shale, bit gave up. TOO H w/bad bit. Flow natural. gauge well on 2" line, all gauges wet = 3.5 psi = 1150 mcf/d. TIH w/new 4 3/4" bit, tag @ 3242'. CO to 3287' w/6 bph a/s mist & 5 bbl sweeps, ret's hvy coal & shale

9-29-1999 PU bit to 3010', break circ. CO from 3010' 3285', ret's hvy shale & lite coal, hole got tight & couldn't move pipe up or down, still had circ. Work stuck pipe free. PU bit above TOL to 2365' (dragging all the way). Work pipe, surge & circ. TOO H w/bit, all cones missing, LD 3<sup>rd</sup> jt w/bent dog leg. RU to surge, let well unload. Surge from surface (4 times) w/600# air ahead, 5 bbls & 1 gal soap, pres to 1200 psi, ret's extra hvy shale & coal, bridge off & plug BOP's & bloole lines. CO BOP's & bloole lines

9-30-1999 TIH & CO bridges @ 1035', 1916', 2043' & 2074' w/6 bph air/soap mist & 5 bbl sweeps, ret's hvy shale & lite coal. Continue in w/blade bit, tag bridge @ 3197', co to 3274' three times, hole would bridge off & stick pipe, PU to 3197' & start over, work on bad section of open hole from 3197'- 3242' where hole keeps sliding in, ret's hvy shale & lite coal

10-01-1999 CO & work on ratty hole from 3213'- 3265', ret's extra hvy shale & lite coal

## Rosa Unit #220

**10-02-1999** CO from 3197'- 3242', ret's extra hvy shale, bridge off several times, PU & start over. Blow well dry & TOOH. TIH w/Baker 4 3/4"x 8 1/2" under reamer. Break circ & open arms on under reamer. Under ream & re-under ream from 3184'- 3247'(12-15 times) shale keeps sliding in, ret's extra hvy shale & lite coal

**10-03-1999** Underream & re-underream from 3184'- 3247' w/14 bph air/soap mist, ret's extra hvy shale & lite coal. Blow well dry. TOOH with underreamer. TIH with blade bit, tag bridge @ 3208', unload hole. CO from 3208'- 3319' w/5 bph air/soap mist, bridge off & stick pipe. Work stuck pipe

**10-04-1999** Attempt to work pipe free. RD power swivel. RU wireline specialties. Back off @ 101<sup>st</sup> jt, leave 5 jts in hole. TOOH w/2 7/8" DP. MU fish & jarring assembly. TIH & tag/screw into fish @ 3164'. Jar on fish, move 8" up

**10-05-1999** Jar on fish. Back off @ 3164' & TOOH w/jarring assembly. TIH w/2 7/8" DP, screw into fish. RU wireline specialties, find free point @ 3262'. Perf DP @ 3315' w/4 1" CD magnum shots, chemical cut DP @ 3258', left bit, BS, float, 2 jts & 3' of 2 7/8" DP in hole. LD 10 jts DP & TOOH. TIH w/blade bit & 10 3 1/2" DC's, tag ledge @ 3196', break circ. CO from 3196'- 3258'(TD) ret's hvy shale & wtr, bridge off several times & PU and start over

**10-06-1999** CO from 3193'- 3258'(top of fish) w/8 bph air/soap mist, work thru ledges @ 3207', 3224' & 3250', bridge off numerous times. PU & start over, ret's hvy shale & lite coal. Blow well from 3258' w/5 bph a/s mist, ret's med-hvy shale. Blow dry w/air only. PU bit inside 7". Flow natural, well unloading on own, ret's med wtr & soap slugs. Gauge well on 2" open line, all gauges hvy mist & = 3 lbs = 1065 mcfd

**10-07-1999** TOOH laying down 2 7/8" DP & 3 1/2" DC's, load out on float. CO to run 2 3/8" prod tbg. TIH w/prod tbg as follows, notch collar, 1 jt 2 3/8" tbg, 1.81" SN & 99 jts 2 3/8" tbg. Land tbg in hanger @ 3197' KB = 18' in open hole. Unload well w/air only. ND BOP's & blooie lines, NUWH, gauge well on 2" line, all gauges hvy mist & avg 1032 mcfd. Release rig