

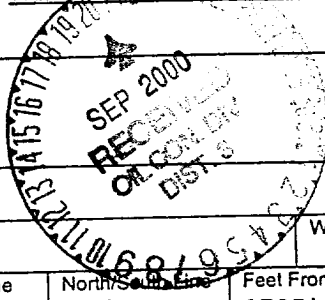
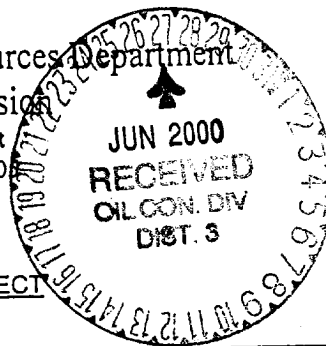
District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88240
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131
2040 S. Pacheco
Santa Fe, NM 87505

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

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 216	API Number 30-039-24428	
UL K	Section 11	Township 31N	Range 6W	Feet From The 1500'	North/South Line S	Feet From The 1705'	East/West Line W	County Rio Arriba

II. Workover

Date Workover Commenced: 8/28/1999	Previous Producing Pool(s) (Prior to Workover):
Date Workover Completed: 9/14/1999	

- 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 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 9/14/99.

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: _____

8-31-1999 TIH & tag bridge @ 3033', CO to 3075'(TD) w/6 bph air/soap mist, med ret's = 80% coal & 20% shale. Blow well from TD w/6 bph air/soap mist, lite ret's = coffee ground size coal. Blow dry & PU bit to 2941'. Surge well (6 times) w/5 bph air/soap mist, med-hvy ret's = 80% coal & 20% shale. TIH & tag, CO bridges @ 3003', 3020', 3040'-3055'. Tag 9' of fill & CO to TD w/6 bph air/soap mist. Blow well from TD w/6 bph air/soap mist, med-hvy ret's = 90% coal & 10% shale

9-01-1999 Blow well from TD w/6 bph air/soap mist, med-hvy ret's = 90% coal & 10% shale. Blow dry & PU bit to 2941'. Break over & surge w/air only @ 1620 psi, ret's hvy coal & shale, bridge off & stick pipe. Work stuck pipe free & break circ w/6 bph air/soap mist. CO from 2934'-3075'(TD). Blow well from 3075' w/6 bph air/soap mist, med-hvy ret's = 90% coal & 10% shale. Blow dry & PU bit to 2941'. Surge natural 2 times, 1st 4 hr SI = 825 psi & lite ret's, 2nd 4 hr SI = 875 psi, hvy ret's = 95% coal from dust to 1" in size

9-02-1999 Natural surge, 4 hr SI = 560 psi, ret's hvy prod wtr & med coal. Tag fill @ 3009', CO to 3075' w/6 bph air/soap mist & 5 bbl sweeps, hvy ret's = 90% coal & 10% shale. Blow well from TD w/6 bph a/s mist & 5 bbl sweeps, med-hvy ret's = 95% coffee ground size coal & 5% shale. Attempt to blow well dry w/air only, well making hvy wtr, bucket test = 9 bph. PU bit to 2941'. Flow natural, gauge well on 2" open line, all gauges dry, avg 698 mcfd. Surge from 2941'(2 times) w/5 bbls prod wtr & 1 gal soap ahead, pres @ 1200 psi, ret's med-hvy coal fines & hvy black wtr

9-03-1999 Surge well from 2931'(3 times) w/5 bbls prod wtr & 1 gal soap ahead, pres @ 1200 psi, hvy-hvy ret's = dust to 1/4" coal fines. Tag 10' of fill & CO to TD w/6 bph air/soap mist. Blow well w/air only, PU bit to 2941'. Natural surge (2 times) 1st 4 hr SI = 660 psi & lite ret's, 2nd 4 hr SI = 705 psi & med ret's = dust to 1/4" coal

9-04-1999 Natural surge, 4 hr SI = 680 psi, med ret's = dust to coffee ground size coal. Tag & CO bridge @ 3924' w/6 bph air/soap mist, CO 4' of fill on bottom. Blow well w/air only, PU bit to 2941'. Surge well (3 times) w/5 bbls prod wtr & 1 gal soap ahead pres @ 1200 psi, ret's hvy coal dust. Tag & CO bridge @ 3037', CO 6' of fill on bottom. Blow well on bottom w/6 bph air/soap mist, med ret's = coffee ground size coal & trace shale. Blow w/air only, PU bit to 2941'

9-05-1999 Surge well from 2941'(4 times) w/5 bbls & 1 gal soap ahead, pres @ 1200 psi, hvy-med rets = dust to 1/8" in size, bridge off on 4th surge. Tag CO bridge from 3033'- 3053' w/6 bph air/soap mist, CO to TD. Attempt to blow well dry w/air only, bucket test = 3.5 bph. PU bit to 2941'. Flow natural, gauge well on 2" open line, all gauges wet & avg 794 mcfd. Natural surge, 4 hr SI = 600 psi, ret's lt-med coal dust, flow nat

9-06-1999 Surge natural (3 times) 1st 4 hr SI = 620 psi, 2nd = 640 psi, 3rd = 670 psi, ret's went from med-lite coal fines & black wtr, flow nat 1 hr after each surge. Tag bridge & CO w/6 bph air/soap mist from 3033'- 3075' hvy ret's = 70% coal & 30% shale, run 5 bbl sweeps. Blow well from 3075'(TD) w/6 bph air/soap mist, ret's lite-med coffee ground size coal

9-07-1999 Blow well w/air only, PU bit to 2941'. Surge well (4 times) w/5 bbls & 1 gal soap ahead, pres @ 1100 psi, ret's med hvy coal fines & black wtr, flow 1.5 hrs after each surge. Taking 2 hrs to build pres to 1100 psi. Tag bridge & CO from 3037'- 3075' w/6 bph air/soap mist, hvy ret's = 70% coal & 30% shale. Blow well dry & PU bit to 2941'

9-08-1999 Natural surge (4 times) 1st 4 hr SI = 545 psi, 2nd = 560 psi, 3rd & 4th = 610 psi, ret's lite coal fines & black wtr. Flow natural 2 hrs each surge. Tag bridge @ 3038', CO to 3050' w/6 bph air/soap mist & 5 bbl sweeps, med ret's = 60% coal & 40% shale

9-09-1999 CO from 3050'- 3075' w/6 bph air/soap mist & 5 bbl sweeps, ret's = hvy coffee ground size coal & lite shale. Blow well from TD w/6 bph air/soap mist, hvy ret's = 95% coffee ground size coal & 5% 1/8" shale. Blow well w/air only, bucket test = 3 bph. PU bit to 2941'. Flow natural, gauge well on 2" open line, all gauges wet & avg 945 mcfd. Natural surge (2 times) 1st 4 hr SI = 480 psi, 2nd = 520 psi, ret's lite mist & lite coal

9-10-1999 Natural surge (2 times) 1st 4 hr SI = 525 psi, 2nd = 540 psi, ret's lite coal & hvy black wtr. Tag bridge @ 3039', CO to TD w/6 bph air/soap mist & 5 bbl sweeps, hvy ret's = 90% coal & 10% shale. Blow well from TD w/6 bph air/soap mist, med ret's = coffee ground size coal fines. Blow well dry, PU bit to 2941'. Natural surge, 4 hr SI = 520 psi, ret's lite mist

9-11-1999 Natural surge, 4 hr SI = 520 psi, ret's lite coal fines & gas mist, flow natural 1 hr. Surge well from 2941' (6 times) w/10 bbls prod wtr & 1 gal soap ahead, pres @ 1000 psi, med ret's = 90% coffee ground size coal & 10% shale. Flow natural 1.5 hrs after each surge

9-12-1999 Tag 7' of fill & CO w/6 bph air/soap mist. Blow well from 3075'(TD) w/6 bph air/soap mist & 5 bbl sweeps, med ret's = 90% coffee ground size coal & 10% shale. Blow well w/air only, bucket test = 1.4 bph. PU bit to 2941'. Gauge well on 2" open line, all gauges wet & avg 789 mcfd. Natural surge (2 times) 1st 4 hr SI = 480 psi, 2nd = 470 psi, ret's lite coal fines & black wtr

9-13-1999 Flow natural. TIH tag 4' of fill, CO to 3075' w/6 bph air/soap mist. Blow well from 3075' w/6 bph air/soap mist & 5 bbl sweeps, ret's lite-med coffee ground size coal & lite shale. Blow well dry w/air only. TOOH, LD DC's. MU liner hanger, CO to run 5 1/2" liner

9-14-1999 TIH w/5 1/2" pre-perf liner to 3075', hang off @ 2842' = 82' overlap, PBTD @ 3074' KB. TOOH laying down w/3 1/2" DP. CO to run 2 3/8" tbg. TIH w/4 3/4" mill to top perms @ 2894'. Mill out plugs from 2894'- 3074' w/6 bph air/soap mist, circ clean. TOOH w/mill. TIH w/98 jts 2 3/8" prod tbg, land in donut @ 3052' KB. ND BOPs & bloole lines, NUWH, gauge well on 2" line, all gauges dry & avg 611 mcfd. Release rig

ROSA UNIT #216 FRT

ROSA UNIT #216 NP	4/30/1990	1827
ROSA UNIT #216 NP	5/31/1990	1795
ROSA UNIT #216 NP	6/30/1990	204
ROSA UNIT #216 NP	7/31/1990	54
ROSA UNIT #216 NP	8/31/1990	10
ROSA UNIT #216 NP	4/30/1991	1834
ROSA UNIT #216 NP	5/31/1991	1139
ROSA UNIT #216 NP	6/30/1991	18
ROSA UNIT #216 NP	7/31/1991	26
ROSA UNIT #216 NP	7/31/1998	295
ROSA UNIT #216 NP	8/31/1998	160
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ROSA UNIT #216 NP	10/31/1998 0:00	72
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ROSA UNIT #216 NP	3/31/1999 0:00	0
ROSA UNIT #216 NP	4/30/1999 0:00	293
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ROSA UNIT #216 NP	4/30/2000 0:00	2893