

Form C-140
Revised 06/99

**Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505
(505) 476-3440**

**SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE**

APPLICATION FOR WELL WORKOVER PROJECT

I. Operator and Well

Operator name address					Burlington Resources Oil and Gas Co. LP Box 4289, Farmington, NM 87499					OGRID Number		014538	
Contact Party					Leslie D. White					Phone		505/326-9700	
Property Name					QUANTIUS					Well Number		3	
API Number					3003906332								
UL	Section	Township	Range	Feet From The		Feet From The		County					
A	26	26 N	7 W	790 FNL		790 FEL		RIO ARRIBA					

II. Workover

Date Workover Commence 4.	07/30/2003	Previous Producing Pool(s) (Prior to Workover): BLANCO P. C. SOUTH (PRORATED GAS)
Date Workover Completed:	08/11/2003	



- 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 New Mexico)
) ss.
County of San Juan)
Leslie D. White, 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 Leslie D. White Title Sr. Accountant Date 4-14-04
SUBSCRIBED AND SWORN TO before me this 14 day of April, 2004.
My Commission expires: 9-15-04
Notary Public Tamatha Wimsatt

FOR OIL CONSERVATION DIVISION USE ONLY:

IV. 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 8-11, 2003.

Signature District Supervisor 	OCD District A2ter 	Date 4-30-2004
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

REG_DTL_D	BLANCO P. C. SOUTH (PRORATED G
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08/01/2002	506
09/01/2002	626
10/01/2002	717
11/01/2002	847
12/01/2002	840
01/01/2003	408
02/01/2003	458
03/01/2003	953
04/01/2003	606
05/01/2003	544
06/01/2003	444
07/01/2003	458
08/01/2003	1966
09/01/2003	2926
10/01/2003	3336
11/01/2003	2159

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Operations Summary Report

Legal Well Name: QUANTIUS #3
 Common Well Name: QUANTIUS #3
 Event Name: CAP WORKOVER
 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

Start: 07/30/2003
 Rig Release: 08/11/2003
 Rig Number: 485

Spud Date: 11/18/1961
 End: 08/11/2003
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
07/31/2003	09:30 - 10:30	1.00	MIMO	a	OBJECT	ROAD RIG TO LOCATION.
	10:30 - 11:30	1.00	RURD	a	OBJECT	RIG UP AZTEC 485, SHUT IN TBG & CASING PRESS - 65 PSI, BRAIDEN HEAD PRESS - 0 PSI.
	11:30 - 22:00	10.50	MIMO	a	OBJECT	MOVE IN & SPOT CAT WALK, PUMP, TANK, (TRUCK BROKE DOWN ON HILL, REPAIR TRUCK)
08/01/2003	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL TO LOCATION.
	07:00 - 07:15	0.25	SRIG	a	OBJECT	SERV & START RIG.
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING. 4 AZTEC & 1 ENERGY AIR, TOPIC - BOP & ACCUMULATOR OPERATION.
	07:30 - 08:00	0.50	FLOW	a	OBJECT	SHUT IN TBG & CSG PRESS - 110 PSI, BRAIDEN HEAD PRESS - 0 PSI. NIPPLE UP FLOW LINE, BLEED WELL TO PIT.
	08:00 - 09:30	1.50	NUND	a	OBJECT	NIPPLE DOWN TREE, NIPPLE UP BOP, RIG UP FLOOR, CHANGE OVER TO 1-1/2" TBG TOOLS, NIPPLE UP BLOOIE LINE
	09:30 - 11:00	1.50	PULD	a	OBJECT	LAY DOWN 82 JTS 1-1/2" TBG, MOVE FLOAT, SPOT 2-3/8" TBG.
	11:00 - 12:00	1.00	PULD	a	OBJECT	PICK UP ARROW 4-1/2" RBP # 83 JTS 2-3/8" 4.7# J-55 8rd EUE TBG, SET RBP @ 2,635'.
	12:00 - 13:00	1.00	CIRC	a	OBJECT	ROLL HOLE W/ 30 BBLs 2% KCL WTR.
	13:00 - 13:30	0.50	TEST	a	OBJECT	RIG UP AMERICAN ENERGY, PRESS TEST CASING, CSG BROKE @ 800 PSI, ESTABLISH RATE @ 3 BBLs/ MIN @ 250 PSI.
	13:30 - 14:30	1.00	TRIP	a	OBJECT	TRIP OUT W/ 83 JTS 2-3/8" 4.7# J-55 8rd EUE TBG.
	14:30 - 14:45	0.25	TRIP	a	OBJECT	TRIP IN W/ 4-1/2" ARROW TENSION PCKR & 31 JTS 2-3/8" 4.7# J-55 8rd EUE TBG TO 1,032'.
	14:45 - 16:45	2.00	TEST	a	OBJECT	ISOLATE CASING LEAK 341' TO 370'.
	16:45 - 17:00	0.25	TRIP	a	OBJECT	TRIP OUT W/ 4-1/2" ARROW TENSION PCKR & 31 JTS 2-3/8" 4.7# J-55 8rd EUE TBG.
	17:00 - 17:15	0.25	SPOT	a	OBJECT	SPOT 5 GALS SAND ON RBP.
	17:15 - 17:30	0.25	PCKR	a	OBJECT	SET PACKER @ 40' KB MEAS. SHUT WELL IN, SHUT DOWN FOR NIGHT.
08/02/2003	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL TO LOCATION.
	07:00 - 07:15	0.25	SRIG	a	OBJECT	SERV & START RIG.
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING. 4 AZTEC & 1 ENERGY AIR, TOPIC - CEMENTING, PRESS TEST.
	07:30 - 08:15	0.75	TRIP	a	OBJECT	RELEASE PACKER, TRIP IN W/ 14 JTS 2-3/8" 4.7# J-55 8rd EUE TBG, SET PACKER @ 445'.
	08:15 - 09:45	1.50	TEST	a	OBJECT	RIG UP BJ-SERVICES, TEST LINES TO 4,100 PSI, TEST CASING W/ 3,000 PSI, 30 MIN TEST - OK.
	09:45 - 10:00	0.25	TRIP	a	OBJECT	RELEASE PACKER, TRIP OUT W/ 13 JTS 2-3/8" 4.7# J-55 8rd EUE TBG. SET PACKER @ 40' KB MEAS.
	10:00 - 12:00	2.00	CEMT	a	OBJECT	SPOT BJ SERVICES, RIG UP, SQUEEZE W/ 300 SX TYPE III CEMENT, 49 BBL SLURRY MIXED @ 14.5 PPG, 1.41 YIELD, PUMP 5 BBLs DYED KCL WATER AHEAD, CIRC 2 BBLs GOOD CEMENT OUT BRAIDEN HEAD, SHUT IN BRAIDEN HEAD & SQUEEZE 35 BBLs CEMENT INTO CSG LEAK FROM 341' TO 370'. MAX PRESS 2,200 PSI, MIN PRESS 362 PSI, DISPLACE W/ 2 BBLs FRESH WATER, STAGE @ 1/4 BBL/MIN IN THREE STAGES @ 460 PSI, 670 PSI, & 780 PSI. TOTAL DISPLACEMENT - 4.5 BBLs. INSTANT SHUT DOWN PRESS - 450 PSI, 5 MIN PSI - 220 PSI, SHUT IN W/ 220.
	12:00 - 14:30	2.50	WAIT	a	OBJECT	WASH UP PUMP & LINES, RIG DOWN BJ.
	14:30 - 15:00	0.50	TRIP	a	OBJECT	WAIT ON CEMENT.
						RELEASE PACKER, TRIP OUT W/ PACKER, PICK UP 3-7/8" MILL TOOTH BIT & BIT SUB, TRIP IN W/ 9 JTS 2-3/8" 4.7# J-55 8rd EUE TBG. TAG CEMENT @ 293'.
	15:00 - 19:30	4.50	DRLG	a	OBJECT	PICK UP POWER SWIVEL, DRILL CEMENT FROM 293' TO 404' W/

Operations Summary Report

Legal Well Name: QUANTIUS #3
 Common Well Name: QUANTIUS #3
 Event Name: CAP WORKOVER
 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

Start: 07/30/2003
 Rig Release: 08/11/2003
 Rig Number: 485

Spud Date: 11/18/1961
 End: 08/11/2003
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
08/02/2003	15:00 - 19:30	4.50	DRLG	a	OBJECT	FRESH WATER.
	19:30 - 20:00	0.50	TEST	a	OBJECT	TEST CASING W/ 700 PSI. 15 MIN TEST -OK. SHUT WELL IN, SHUT DOWN FOR WEEK END.
08/05/2003	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL TO LOCATION.
	07:00 - 07:15	0.25	SRIG	a	OBJECT	SERV & START RIG.
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING. 4 AZTEC & 1 ENERGY AIR, TOPIC - FRAC, LIFTING
	07:30 - 08:00	0.50	TRIP	a	OBJECT	TRIP OUT W/ 3-7/8" BIT, PICK UP RETREIVING TOOL.
	08:00 - 08:45	0.75	TRIP	a	OBJECT	TRIP IN W/ RETREIVING TOOL & 83 JTS 2-3/8" 4.7# J-55 8rd EUE TBG.
	08:45 - 09:15	0.50	CIRC	a	OBJECT	CIRC SAND FROM TOP OF RBP @ 2,635', RELEASE RBP.
	09:15 - 10:00	0.75	TRIP	a	OBJECT	TRIP OUT W/ RETREIVING TOOL, RBP & 83 JTS 2-3/8" 4.7# J-55 8rd EUE TBG.
	10:00 - 10:15	0.25	TRIP	a	OBJECT	TRIP IN HOLE W/ FULL BORE 4-1/2" ARROW TENSION PACKER & 15 JTS 2-3/8" 4.7# J-55, SET PCKR @ 475' KB MEAS.
	10:15 - 10:30	0.25	NUND	a	OBJECT	NIPPLE UP FRAC MANDREL & FRAC VALVE.
	10:30 - 12:15	1.75	WAIT	a	OBJECT	WAIT ON SCHLUMBERGER FRAC EQUIP.
	12:15 - 16:00	3.75	FRAC	a	OBJECT	MOVE IN & SPOT SCHLUMBERGER FRAC EQUIP, RIG UP, SAFETY MEETING, (28 PEOPLE ON LOCATION) TEST LINES TO 4,100 PSI - OK, FRAC PC W/ 281 BBLS 70 QUALITY FOAM, 20# LINEAR GEL, 100,000# 20/40 ARIZONA SAND 1 PPG TO 4 PPG W/ 385,500 SCF N2, FLUSH W/ 10 FLUID BBLS W/ 11,500 SCF N2, MAX PRESS - 3,110 PSI, MIN PRESS - 1,840 PSI, AVRG PRESS - 2,900 PSI, MAX RATE - 37 BBL/MIN, MIN RATE - 28 BBL/MIN, AVRG RATE - 34 BBL/MIN. ISDP - 1,405 PSI, 291 BBLS TO RECOVER. RIG DOWN SCHLUMBERGER.
	16:00 - 16:30	0.50	NUND	a	OBJECT	NIPPLE UP FLOW LINE.
	16:30 - 06:00	13.50	FLOW	a	OBJECT	FLOW BACK FRAC: TIME CHOKES PRESS FLUID SAND GAS 16:30 8/64" 1200 WTR 0 N2 18:00 10/64" 420 WTR 0 N2 20:00 12/64" 240 WTR LITE N2 21:00 14/64" 190 WTR 0 N2 22:00 18/64" 95 WTR TRACE N2 00:00 24/64" 70 WTR TRACE N2 05:00 32/64" 30 WTR 0 N2
08/06/2003	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL TO LOCATION.
	07:00 - 07:15	0.25	SRIG	a	OBJECT	SERV & START RIG.
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING. 4 AZTEC & 1 ENERGY AIR, TOPIC - HEARING PROTECTION.
	07:30 - 06:00	22.50	FLOW	a	OBJECT	FLOW BACK FRAC. TIME CHOKES PRESS WTR SAND GAS 07:30 32/64" 30 3 BPH TRACE N2 09:30 32/62" 26 TRACE TRACE N2 10:30 32/64" 35 3 BPH TRACE N2 12:30 48/64" 20 3 BPH 0 N2 13:30 48/64" 25 3 BPH TRACE N2 14:30 48/64" 20 1 BPH 0 TRC GAS 16:00 2" 5 2 BPH LITE TRC GAS 00:00 2" 2 0 TRACE 100 % GAS INSTALLED 48/64" CHOKES @ 02:00 HRS, FLOWING ALL GAS @ 05:00 @ 299 MCF/D W/ MIST.
08/07/2003	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL TO LOCATION.

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Operations Summary Report

Legal Well Name: QUANTIUS #3
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 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

Start: 07/30/2003
 Rig Release: 08/11/2003
 Rig Number: 485

Spud Date: 11/18/1961
 End: 08/11/2003
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
08/07/2003	07:00 - 07:15	0.25	SRIG	a	OBJECT	SERV & START RIG.
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING. 4 AZTEC & 1 ENERGY AIR, TOPIC - FIRE SAFETY
	07:30 - 08:00	0.50	FLOW	a	OBJECT	FLOWING ON 48/64". FLOWING 4 BBLS/HR FRAC LOAD W/ LITE SAND.
	08:00 - 08:15	0.25	PCKR	a	OBJECT	RELEASE PACKER & PULL OUT.
	08:15 - 08:45	0.50	TRIP	a	OBJECT	PICKUP 2-3/8" 8rd EUE SAW TOOTH COLLAR, 2-3/8" X 1.78" ID SEATING NIPPLE, 1 JT 2-3/8" 4.7# J-55 8rd EUE TBG, 1 2-3/8" X 2' 4.7# J-55 8rd EUE PUP JT, & 85 JTS 2-3/8" 4.7# J-55 8rd EUE TBG, TAG SAND @ 2,670'.
	08:45 - 11:00	2.25	COUT	a	OBJECT	BREAK CIRC W/ 450 SCF/M AIR MIST @ 5 BBLS/HR, CLEAN OUT SAND FROM 2,670' TO PBTD @ 2,760'.
	11:00 - 14:00	3.00	BLOW	a	OBJECT	BLOW W/ 250 SCF/M AIR, INITIAL WATER @ 4 BBLS/HR, INITIAL SAND @ 2 GAL/HR. FINAL WTR @ 1 BBL/HR, FINAL SAND @ A TRACE.
	14:00 - 06:00	16.00	FLOW	a	OBJECT	ALTERNATE FLOW & BLOW ON 2" OPEN LINE. FLOWING 2 BBLS/HR FRAC WATER W/ MED SAND @ 05:00 HRS. PITOT @ 230 MCF/D.
08/08/2003	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL TO LOCATION.
	07:00 - 07:15	0.25	SRIG	a	OBJECT	SERV & START RIG.
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING. 4 AZTEC & 1 ENERGY AIR, TOPIC - FIRE SAFETY
	07:30 - 08:00	0.50	FLOW	a	OBJECT	FLOWING ON 2". FLOWING WATER @ 3 BBLS/HR FRAC LOAD W/ LITE SAND.
	08:00 - 09:00	1.00	BLOW	a	OBJECT	BREAK CIRC W/ 450 SCF/M AIR MIST, CLEAN OUT SAND FROM 2,740' TO PBTD @ 2,760'. BLOW W/250 SCF/M AIR, INITIAL WATER @ 4 BBLS/HR W/ MED SAND, FINAL WATER @ 2 BBLS/HR W/ LITE SAND.
	09:00 - 13:00	4.00	FLOW	a	OBJECT	FLOW ON 2" LINE, FLOWING 3 BBLS/HR W/ GAS & N2, TRACE OF SAND.
	13:00 - 14:00	1.00	BLOW	a	OBJECT	BLOW W/ 250 SCF/M AIR, INITIAL WATER @ 4 BBLS/HR W/ MED SAND, FINAL WATER @ 2 BBLS/HR W/ LITE SAND.
	14:00 - 06:00	16.00	FLOW	a	OBJECT	FLOW ON 2" LINE. FLOWING WATER @ 2 BBLS/HR W/ LITE SAND @ 05:00 HRS. PITOT @ 266 MCF/D.
08/09/2003	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL TO LOCATION.
	07:00 - 07:15	0.25	SRIG	a	OBJECT	SERV & START RIG.
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING. 4 AZTEC & 1 ENERGY AIR, TOPIC - FIRE SAFETY
	07:30 - 08:00	0.50	FLOW	a	OBJECT	FLOWING ON 2". FLOWING WATER @ 3 BBLS/HR FRAC LOAD W/ LITE SAND.
	08:00 - 06:00	22.00	FLOW	a	OBJECT	ALTERNATE FLOW @ BLOW. FLOWING ON 2" LINE @ 06:00 HRS. FLOWING 1.5 BBLS/WTR HR W/ MED SAND. LAST PITOT @ 266 MCF/DAY
08/10/2003	06:00 - 06:00	24.00	FLOW	a	OBJECT	ALTERNATE FLOW @ BLOW. UNLOADS 10 +/- BBLS FRAC FLUID @ END OF EACH BLOW CYCLE, FLOWING ON 2" LINE @ 06:00 HRS. FLOWING 1.5 BBLS/WTR HR W/ LITE SAND. LAST PITOT @ 266 MCF/DAY
08/11/2003	06:00 - 06:00	24.00	FLOW	a	OBJECT	ALTERNATE FLOW @ BLOW. UNLOADS 4 +/- BBLS FRAC FLUID @ END OF EACH BLOW CYCLE, FLOWING ON 2" LINE @ 06:00 HRS. FLOWING 1 BBLS/WTR HR W/ NO SAND. PITOT @ 266 MCF/DAY
08/12/2003	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL TO LOCATION. (WELL FLOWING)
	07:00 - 07:15	0.25	SRIG	a	OBJECT	SERV & START RIG.
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING. 4 AZTEC & 1 ENERGY AIR, TOPIC - FIRE

Operations Summary Report

Legal Well Name: QUANTIUS #3
 Common Well Name: QUANTIUS #3
 Event Name: CAP WORKOVER
 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

Start: 07/30/2003
 Rig Release: 08/11/2003
 Rig Number: 485

Spud Date: 11/18/1961
 End: 08/11/2003
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
08/12/2003	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY
	07:30 - 07:45	0.25	FLOW	a	OBJECT	FLOWING ON 2". FLOWING TRACE OF WATER. FINAL PITOT @ 536 MCF/D.
	07:45 - 08:30	0.75	NUND	a	OBJECT	LAND TBG AS FOLLOWS: 1 - 2-3/8" 8rd EUE SAW TOOTH COLLAR @ 2,663.77'. 1 - 2-3/8" X 1.78" ID 8rd EUE SEATING NIPPLE @ 2,662.50'. 1 - JT 2-3/8" 4.7# J-55 8rd EUE TBG. 1 - 2-3/8" X 2' 4.7# J-55 8rd EUE PUP JT @ 2,629.41'. RIG DOWN FLOOR, NIPPLE DOWN BOP, NIPPLE UP TREE.
	08:30 - 10:00	1.50	RURD	a	OBJECT	RIG DOWN AZTEC # 485. RELEASE RIG @ 10:00 HRS 8/11/2003.