

New Mexico
Energy Minerals and Natural Resources Department

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**

District I - (505) 393-6161
1625 N. French Dr, Hobbs, NM 88240
District II - (505) 748-1283
1301 W. Grand Avenue, Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road, Aztec, NM 87410
District IV - (505) 476-3440
1220 S. St. Francis Dr., Santa Fe, NM 87505

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 JOHNSTON A			Well Number 4		API Number 3003906222	
UL	Section	Township	Range	Feet From The	Feet From The	County
M	36	26 N	6 W	1090 FSL	990 FWL	RIO ARRIBA

II. Workover

Date Workover Commence 09/15/2003	Previous Producing Pool(s) (Prior to Workover): BLANCO P. C. SOUTH (PRORATED GAS)
Date Workover Completed: 09/22/2003	

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

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 9-22, 2003.

Signature District Supervisor <u>Charlie D. Lee</u>	OCD District <u>AZTEC III</u>	Date <u>4-16-2004</u>
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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

09/01/2002	386
10/01/2002	1074
11/01/2002	733
12/01/2002	919
01/01/2003	366
02/01/2003	296
03/01/2003	949
04/01/2003	125
05/01/2003	775
06/01/2003	652
07/01/2003	382
08/01/2003	313
09/01/2003	1418
10/01/2003	3752
11/01/2003	2900
12/01/2003	2507

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Operations Summary Report

Legal Well Name: JOHNSTON A #4
 Common Well Name: JOHNSTON A #4
 Event Name: CAP WORKOVER
 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

Spud Date: 05/08/1958
 Start: 09/15/2003 End: 09/22/2003
 Rig Release: 09/22/2003 Group:
 Rig Number: 521

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
09/16/2003	06:00 - 08:30	2.50	MIMO	a	OBJECT	CREW TRAVEL
	08:30 - 08:45	0.25	SAFE	a	OBJECT	HSM, TOPIC, DRIVING ON BAD ROADS, RIG CREW PRESENT
	08:45 - 09:00	0.25	MIMO	a	OBJECT	ROAD RIG TO LOCATION, SPOT RIG
	09:00 - 12:00	3.00	RURD	a	OBJECT	RU RIG & EQUIPMENT
	12:00 - 13:00	1.00	BLOW	a	OBJECT	SITP 300 PSI, SICP 300 PSI, BH 0 PSI, BLOW WELL TO PIT
	13:00 - 13:30	0.50	KILL	a	OBJECT	KILL WELL W 10 BBLS 2% KCL
	13:30 - 15:00	1.50	TRIP	a	OBJECT	TOOH & LD 83 JTS 1.25" TBG, SEND 1.25" TBG TO BR YD
	15:00 - 15:30	0.50	NUND	a	OBJECT	CHANGE OVER TO RUN 2.375" TBG
	15:30 - 16:30	1.00	TRIP	a	OBJECT	PU & TIH W 5 1/2" RBP ON 20 JTS 2.375" TBG
	16:30 - 16:45	0.25	PUMP	a	OBJECT	LOAD CSG W 50 BBLS 2% KCL
	16:45 - 17:00	0.25	NUND	a	OBJECT	ND BOP
	17:00 - 17:15	0.25	SAFE	a	OBJECT	HOT WORK PERMIT
	17:15 - 19:30	2.25	NUND	a	OBJECT	CUT OFF OLD WELL HEAD, INSTALL NEW WELL HEAD, NU BOP, SDFN
09/17/2003	06:00 - 08:00	2.00	MIMO	a	OBJECT	CREW TRAVEL
	08:00 - 08:15	0.25	SAFE	a	OBJECT	HSM, TOPIC, COMMUNICATIONS W NEW HANDS, RIG CREW PRESENT
	08:15 - 10:30	2.25	TRIP	a	OBJECT	PU & TIH W 5 1/2" RBP ON 80 JTS 2.375" TBG, SET RBP @ 2520'
	10:30 - 11:00	0.50	SAFE	a	OBJECT	RIG INSPECTION
	11:00 - 11:15	0.25	TEST	a	OBJECT	LOAD CSG W 50 BBLS 2% KCL
	11:15 - 11:30	0.25	PCKR	a	OBJECT	SET 5 1/2" PACKER @ 30'
	11:30 - 12:00	0.50	PRES	a	OBJECT	PRESSURE TEST CSG TO 3300 PSI, TEST OK
	12:00 - 13:00	1.00	TRIP	a	OBJECT	TOOH & LD PACKER, TIH & TAG PBTD @ 2640', TOOH & LD RBP
	13:00 - 15:00	2.00	NUND	a	OBJECT	PU & SET 5 1/2" PACKER @ 20', NU FRAC MANDREL, FRAC VALVE & FRAC Y, WAIT ON FRAC CREW, SDFN
09/18/2003	06:00 - 08:00	2.00	MIMO	a	OBJECT	CREW TRAVEL
	08:00 - 08:15	0.25	SAFE	a	OBJECT	HSM, TOPIC, PRESSURE TESTING FLOW LINES, RIG CREW PRESENT
	08:15 - 09:30	1.25	RURD	a	OBJECT	RU DOWELL FRAC CREW
	09:30 - 10:00	0.50	SAFE	a	OBJECT	HOLD PREJOB SAFETY MEETING, 29 PEOPLE ON LOCATION
	10:00 - 11:00	1.00	FRAC	a	OBJECT	RESTIMULATE PICTURED CLIFF W 20# LINEAR 70% N2 FOAM FORMATION BREAK DOWN 0 PSI
						FRAC LOAD 247 BBLS, FLUSH 24 BBLS, TOTAL 271 BBLS
						MAX RATE 41 BPM, MIN RATE 35 BPM, AVE RATE 38 BPM
						MAX PSI 1897, MIN PSI 1358, AVE PSI 1718 PSI
						TOTAL N2 297,700 SCF, 100,000# 20/40 BRADY
						ISIP 1340 PSI
09/18/2003	11:00 - 12:30	1.50	RURD	a	OBJECT	RD DOWELL, RU FLOW BACK LINE TO PIT
	12:30 - 06:00	17.50	FLOW	a	OBJECT	1230 HRS, 860 SHUT IN PRESSURE, OPEN ON 16/64 CHOKE
						1300 HRS, 16/64 CHOKE, 260 PSI, LM, NS, CHANGE TO 12/64 CHOKE
						1330 HRS, 12/64 CHOKE, 260 PSI, LM, NS, CHANGE TO 16/64 CHOKE
						1430 HRS, 16/64 CHOKE, 70 PSI, LM, NS, CHANGE TO 24/64 CHOKE
						1530 HRS, 24/64 CHOKE, 5 PSI, LITE BLOW, NS, SHUT IN WELL
						1830 HRS, SIWHP 50 PSI, OPEN WELL, BLOW DOWN TO LITE BLOW
						1845 HRS, 0 PSI, LITE BLOW, SHUT IN FOR PRESURE BUILD UP
						2030 HRS, SHUT IN WELL
						0500 HRS, SIWHP 0 PSI, OPEN WELL TO PIT
09/19/2003	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL
	07:00 - 07:15	0.25	SAFE	a	OBJECT	HSM, WORKING W PACKER & RBP, RIG CREW PRESENT
	07:15 - 08:00	0.75	NUND	a	OBJECT	ND FRAC VALVE, ND FRAC MANDREL, TOOH W PACKER, RU TO

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Operations Summary Report

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 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

Start: 09/15/2003
 Rig Release: 09/22/2003
 Rig Number: 521

Spud Date: 05/08/1958
 End: 09/22/2003
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
09/19/2003	07:15 - 08:00	0.75	NUND	a	OBJECT	RUN 2.375" TBG
	08:00 - 08:45	0.75	TRIP	a	OBJECT	TIH W EXPENDABLE CHECK, SEATING NIPPLE, 1 JT 2.375" TBG, 2' X 2.375" PUP JT ON 79 JTS 2.375" TBG, TAG FILL @ 2520'
	08:45 - 13:00	4.25	COU	a	OBJECT	RU AIR, CO W 1400 CFM AIR & 4 BPH MIST TO PBTD
	13:00 - 06:00	17.00	BLOW	a	OBJECT	BLOW WELL W 700 CFM AIR & BPH MIST TO CO @ PBTD 1400 HRS, 150 PSI, 4-5 BPH WTR, HEAVY SAND 1600 HRS, 150 PSI, 3-4 BPH WTR, HEAVY SAND 1800 HRS, 145 PSI, 2-3 BPH WTR, MEDIUM SAND 2100 HRS, 140 PSI, 1-2 BPH WTR, HEAVY SAND 0000 HRS, 145 PSI, 1-2 BPH WTR, MEDIUM SAND 0300 HRS, 210 PSI, 1-2 BPH WTR, MEDIUM SAND 0500 HRS, 210 PSI, 1-2 BFH WTR, MEDIUM SAND
09/20/2003	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL
	07:00 - 07:15	0.25	SAFE	a	OBJECT	HSM, HARZARDOUS ROAD CONDITIONS, RIG CREW PRESENT
	07:15 - 09:30	2.25	FLOW	a	OBJECT	PU & FLOW WELL NATURAL, 0800 HRS, TAG @ 5' FILL, PU 60', CONTINUE TO FLOW NATURAL 0900 HRS, TAG @ 10' FILL, PU 60', CONTINUE TO FLOW NATURAL
	09:30 - 06:00	20.50	BLOW	a	OBJECT	BLOW WELL W 1400 CFM AIR & 4 BPH MIST TO CO @ PBTD 1100 HRS, 300 PSI, 4 BPH MIST, RTN 7.6 BPH WTR, 4 CUPS SD IN 5 GAL 1130 HRS, FLOW WELL NATURAL 1230 HRS, 200 PSI, PUMP 3 BBL S WEEP, RTNS HEAVY SAND 1300 HRS, FLOW WELL NATURAL 1330 HRS, 200 PSI, PUMP 3 BBL S WEEP, RTNS HEAVY SAND 1430 HRS, FLOW WELL NATURAL 1530 HRS, 200 PSI, PUMP 3 BBL S WEEP, RTNS HEAVY SAND 1630 HRS, PU TO BTM PERFS, BLOW WELL W 700 CFM, 1-1 AIR, PUMP 3 BBL WTR (NO FOAMER) SWEEP EVERY 2 HRS, RTRS HEAVY TO MODERATE FOAM, HEAVY TO MODERATE SAND
09/21/2003	06:00 - 06:00	24.00	BLOW	a	OBJECT	BLOW WELL W 700 CFM AIR @ 200 TO 250 PSI & 3 BPH MIST, PUMP 3 BBL WTR (NO FOAMER) SWEEP EVERY 2 HRS, SWEEP RTRS MODERATE TO LIGHT FOAM, HEAVY TO LIGHT SAND
09/22/2003	06:00 - 06:00	24.00	BLOW	a	OBJECT	BLOW WELL W 700 CFM AIR @ 200 TO 210 PSI & 3 BPH MIST, PUMP 3 BBL WTR (NO FOAMER) SWEEP EVERY 2 HRS, SWEEP RTRS MODERATE TO LIGHT FOAM, LIGHT TO TRACE SAND
09/23/2003	06:00 - 08:00	2.00	MIMO	a	OBJECT	CREW TRAVEL
	08:00 - 08:15	0.25	SAFE	a	OBJECT	HSM, FIRE HAZARDS ON LOCATION, RIG CREW PRESENT
	08:15 - 09:00	0.75	BLOW	a	OBJECT	TAG 45' FILL, CO TO PBTD. PUMP 3 BBL SWEEP
	09:00 - 10:30	1.50	FLOW	a	OBJECT	FLOW WELL NATURAL FOR 1 HR, TAG FOR FILL CO @ PBTD
	10:30 - 11:00	0.50	BRCH	a	OBJECT	BROACH TBG TO SEATING NIPPLE
	11:00 - 11:45	0.75	NUND	a	OBJECT	LD 4 JTS TBG, LAND 81H JTS TBG @ 2566.67', ND BOP, HU WH
	11:45 - 12:15	0.50	BLOW	a	OBJECT	UNLOAD WELL UP CSG, REVERSE CIRC
	12:15 - 13:30	1.25	TEST	a	OBJECT	PITOT WELL @ 309 2MCFD WET
	13:30 - 14:00	0.50	RURD	a	OBJECT	RD RIG & EQUIPMENT, MOVE TO NEXT WELL
						83 JTS 1.25" TBG TO BR YD 79 JTS 2.375" TBG DELIVERED TO LOC, 17 RIG STOCK, 96 TOTAL 81 JTS TBG LANDED, 15 RIG STOCK, 96 TOTAL SUMMARY: MIRU, BLOW DOWN WELL, TOO H & LD 83 JTS 1.25" TBG, CHANGE OUT WELL HEAD, SET 5 1/2" RBP ABOVE PERFS, PRESSURE TEST CSG TO 3300 PSI, TOO H W RBP, NU FRAC

Operations Summary Report

Legal Well Name: JOHNSTON A #4
Common Well Name: JOHNSTON A #4
Event Name: CAP WORKOVER
Contractor Name: AZTEC WELL SERVICE
Rig Name: AZTEC

Start: 09/15/2003
Rig Release: 09/22/2003
Rig Number: 521

Spud Date: 05/08/1958
End: 09/22/2003
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
09/23/2003	13:30 - 14:00	0.50	RURD	a	OBJECT	VALVE, RESTIMULATE PICTURED CLIFF, FLOW WELL BACK, CO TO PBTD, CLEAN UP TO 1 BPH WTR & TRACE OF SAND, LAND TBG @ 2566.67', ND BOP, NU WH, REVERSE UP TBG, PITOT TBG @ 309 MCFD WET, RD, MOVE RIG TO NEXT WELL