

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

Sundry Notices and Reports on Wells

2004 APR 30 PM 5:53

Lease Number  
SF-078439

070 FARMINGTON, NM

If Indian, All. or  
Tribe Name

1. Type of Well  
GAS

7. Unit Agreement Name

2. Name of Operator

**BURLINGTON  
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

Well Name & Number

Johnston Federal #4A

9. API Well No.

30-045-21682

4. Location of Well, Footage, Sec., T, R, M

1710' FSL, 1580' FEL, Sec. 33, T31N, R9W, NMPM

10. Field and Pool

Blanco Mesaverde

11. County and State

San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

Notice of Intent

Abandonment

Change of Plans

Subsequent Report

Recompletion

New Construction

Final Abandonment

Plugging Back

Non-Routine Fracturing

Casing Repair

Water Shut off

Altering Casing

Conversion to Injection

Other - Pay Add

13. Describe Proposed or Completed Operations

Burlington Resources added pay to the Lewis formation as per the attached operations summary.

ACCEPTED FOR RECORD

JUN 09 2004

FARMINGTON FIELD OFFICE

BY                     

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

Signed Tammara Wunsatt Title Regulatory Specialist Date 04/013/04

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

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 statements or representations as to any matter within its jurisdiction.

NMOCD

Operations Summary Report

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

Spud Date: 2/12/1975  
 Start: 4/19/2004  
 End:  
 Rig Release: 4/27/2004  
 Group:  
 Rig Number: 521

| Date          | From - To     | Hours         | Code | Sub Code | Phase   | Description of Operations  |
|---------------|---------------|---------------|------|----------|---|--|
| 4/20/2004     | 12:00 - 16:00 | 4.00          | MIMO | a        | OBJECT  | ROAD RIG TO LOCATION   |
|               | 16:00 - 18:00 | 2.00          | RURD | a        | OBJECT  | RU RIG & EQUIPMENT, SECURE LOCATION, SDFN  |
| 4/21/2004     | 06:00 - 06:45 | 0.75          | MIMO | a        | OBJECT  | CREW TRAVEL TO LOCATION, SERVICE & START RIG   |
|               | 06:45 - 07:00 | 0.25          | SAFE | a        | OBJECT  | HSM, TOPIC: COMMUNICATION WHILE TRIPPING PIPE, RIG CREW PRESENT  |
|               | 07:00 - 07:30 | 0.50          | BLOW | a        | OBJECT  | SICP 70 PSI, SITP 0 PSI, BRADENHEAD OPEN, BLOW CSG TO PIT  |
|               | 07:30 - 08:15 | 0.75          | NUND | a        | OBJECT  | ND WH, NU BOP, RU FLOOR, CALLED BASIN PERORATING 4/19/04, TALKED TO PAT, HE SAID BASIN COULD NOT COVER WIRELINE WORK ON THIS WELL, CALL BWWC   |
|               | 08:15 - 10:15 | 2.00          | TRIP | a        | OBJECT  | TOOH & TALLY 2.375" TBG  |
|               | 10:15 - 12:00 | 1.75          | CASE | a        | OBJECT  | RU BWWC, RUN GR-CCL FROM 5020' TO 4000', POOH W LOGGING TOOL, RIH W 4 1/2" CIBP, SET @ 4890', RD BWWC  |
|               | 12:00 - 13:30 | 1.50          | TRIP | a        | OBJECT  | TIH W 154 JTS TBG TO 4850'   |
|               | 13:30 - 14:15 | 0.75          | PUMP | a        | OBJECT  | LOAD CSG W 145 BBL 2% KCL  |
|               | 14:15 - 14:30 | 0.25          | PCKR | a        | OBJECT  | PU & TIH W 7" PACKER, SET @ 30'  |
|               | 14:30 - 15:00 | 0.50          | PRES | a        | OBJECT  | PRESSURE TEST CSG & CIBP TO 3000 PSI, TEST OK  |
|               | 15:00 - 15:30 | 0.50          | SPOT | a        | OBJECT  | LD PACKER, SPOT 700 GALS 15% HCL TRIPLE INHIBITED ACROSS PERF INTERVAL   |
|               | 15:30 - 16:45 | 1.25          | TRIP | a        | OBJECT  | TOOH W 77 STDS TBG   |
|               | 16:45 - 17:30 | 0.75          | PERF | a        | OBJECT  | RU BWWC, RIH W 3 1/8" HSC CSG GUN, SELECT FIRE PERFORATE 1 SPF, 0.34" DIAMETER, 22.4" PENETRATION CHARGES (TITAN,321T) @ 4851, 4850, 4821, 4820, 4782, 4781, 4690, 4689, 4472, 4471, 4444, 4443, 4417, 4416, 4377, 4376, 4356, 4355, 4265, 4264, 4239, 4238, 4217, 4216, 4125, 4124, (26 TOTAL HOLES)                        |
|               | 17:30 - 18:30 | 1.00          | NUND | a        | OBJECT  | TIH & SET 7" PACKER @ 20', NU FRAC EQUIP, SECURE LOCATION, SDFN  |
|               | 4/22/2004     | 06:00 - 08:00 | 2.00 | MIMO     | a   | OBJECT   |
| 08:00 - 08:30 |               | 0.50          | SAFE | a        | OBJECT  | HSM. WORKING WITH STIMULATION CONTRACTOR, HIGH PRESSURE LINES, RIG CREW PRESENT  |
| 08:30 - 09:00 |               | 0.50          | NUND | a        | OBJECT  | REPLACE CSG VALVES   |
| 09:00 - 11:00 |               | 2.00          | WAIT | a        | OBJECT  | WAIT ON FRAC EQUIPMENT   |
| 11:00 - 11:30 |               | 0.50          | SAFE | a        | OBJECT  | DOWELL JHA,s ON HOW TO SPOT EQUIPMENT ON LOCATION SAFELY   |
| 11:30 - 13:30 |               | 2.00          | RURD | a        | OBJECT  | MOVE IN, SPOT & RU DOWELL  |
| 13:30 - 13:45 |               | 0.25          | SAFE | a        | OBJECT  | HOLD SAFETY MEETING W 26 PEOPLE, DISCUSS SAFETY REGULATIONS, REVIEW EMERGENCY RESPONSE   |
| 13:45 - 15:00 |               | 1.25          | STIM | a        | OBJECT  | FRAC LEWIS W 20# LINEAR & 75% N2 FOAM FORMATION BROKE DOWN WHILE PERFORATING BULLHEAD 12 BBL 15% HCL ACID IN FRONT OF FRAC FRAC LOAD 601 BBL, FLUSH 43 BBL TOTAL LOAD 644 BBL TOTAL N2 1,371,000 SCF, 200,000# 20/40 BRADY SAND MAX 2581 PSI, MIN 1448 PSI, AVE 2461 PSI MAX RATE 56, MIN RATE 50, AVE RATE 53 ISIP 1230 PSI |
| 15:00 - 15:45 |               | 0.75          | RURD | a        | OBJECT  | RD DOWELL, RU FLOW BACK LINES  |
| 15:45 - 16:00 |               | 0.25          | SAFE | a        | OBJECT  | DOWELL POST JOB SAFETY MEETING   |
| 17:00 - 06:00 | 13.00         | FLOW          | a    | OBJECT   | 1600 HR, SHUT IN WELLHEAD 800 PSI, OPEN ON 16/64 CHOKE<br>1700 HR, 500 PSI, 16/64 CHOKE, NS, DRY N2, CHANGE TO 20/64<br>1800 HR, 475 PSI, 20/64 CHOKE, NS, HM<br>1900 HR, 500 PSI, 20/64 CHOKE, TS, HM<br>2000 HR, 400 PSI, 20/64 CHOKE, NS, HM, CHANGE TO 24/64<br>2100 HR, 300 PSI, 24/64 CHOKE, NS, HM |  |

Operations Summary Report

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

Spud Date: 2/12/1975  
 Start: 4/19/2004  
 End:  
 Rig Release: 4/27/2004  
 Group:  
 Rig Number: 521

| Date      | From - To     | Hours | Code | Sub Code | Phase  | Description of Operations  |
|-----------|---------------|-------|------|----------|--------|--|
| 4/22/2004 | 17:00 - 06:00 | 13.00 | FLOW | a        | OBJECT | 2200 HR, 275 PSI, 24/64 CHOKE, NS, HM<br>2300 HR, 250 PSI, 24/64 CHOKE, NS, HM<br>2400 HR, 200 PSI, 24/64 CHOKE, NS, HM, CHANGE TO 32/64<br>0100 HR, 155 PSI, 32/64 CHOKE, NS, HM<br>0200 HR, 150 PSI, 32/64 CHOKE, NS, HM<br>0300 HR, 150 PSI, 32/64 CHOKE, NS, HM<br>0400 HR, 140 PSI, 32/64 CHOKE, NS, HM<br>0500 HR, 125 PSI, 32/64 CHOKE, NS, HM  |
| 4/23/2004 | 06:00 - 08:00 | 2.00  | MIMO | a        | OBJECT | CREW TRAVEL TO LOCATION, PICK UP TRASH ALONG ROAD INTO LOCATION, SERVICE & START RIG   |
|           | 08:00 - 08:30 | 0.50  | SAFE | a        | OBJECT | HSM, HOUSEKEEPING, GOOD ENVIORNMENTAL PRACTICES, SPILLS, RIG CREW PRESENT  |
|           | 08:30 - 10:30 | 2.00  | FLOW | a        | OBJECT | 0600 HR, 95 PSI, 32/64 CHOKE, NS, HM<br>0700 HR, 90 PSI, 32/64 CHOKE, TS, HM<br>0800 HR, 80 PSI, 32/64 CHOKE, NS, HM, CHANGE TO 48/64<br>0900 HR, 50 PSI, 48/64 CHOKE, NS, HM, OPEN ON 32/64 & 48/64<br>1000 HR, 30 PSI, 32/64 & 48/64 CHOKE, NS, HM, OPEN ON 2"<br>1030 HR, 20 PSI, OPEN ON 2", TS, HM, SURING FLUID & N2   |
|           | 10:30 - 10:45 | 0.25  | KILL | a        | OBJECT | PUMP 30 BBL 2% KCL   |
|           | 10:45 - 11:00 | 0.25  | NUND | a        | OBJECT | ND FRAC EQUIPMENT, TOO H W 7" PACKER, CHANGE OUT 2.375" HANDLING TOOLS   |
|           | 11:00 - 12:30 | 1.50  | TRIP | a        | OBJECT | PU & STAGE IN W 3.875" MILL, BIT SUB ON 152 JTS 2.375" TBG, TAG @ 4778'  |
|           | 12:30 - 15:30 | 3.00  | COUT | a        | OBJECT | EST CIRC W 1250 CFM AIR & 5 BPH MIST, CO TO CIBP @ 4890'   |
|           | 15:30 - 16:45 | 1.25  | MILL | a        | OBJECT | MILL CIBP @ 4890'  |
|           | 16:45 - 18:00 | 1.25  | TRIP | a        | OBJECT | PU HOLE TO ABOVE LINER TOP TO 3080'  |
|           | 18:00 - 06:00 | 12.00 | FLOW | a        | OBJECT | 2000 HR, NATURAL FLOW, 4 BPH, NO SAND<br>2300 HR, NATURAL FLOW, 3 BPH, LIGHT SAND, SURGING<br>0200 HR, NATURAL FLOW, 2 BPH, MODERATE SAND, SURGING<br>0500 HR, NATURAL FLOW, 2 BPH, LIGHT SAND, SURGING  |
| 4/24/2004 | 06:00 - 06:30 | 0.50  | MIMO | a        | OBJECT | CREW TRAVEL TO LOCATION, SERVICE & START RIG   |
|           | 06:30 - 07:00 | 0.50  | SAFE | a        | OBJECT | HSM, HOUSEKEEPING, COMMUNICATION ON RIG FLOOR, RIG CREW PRESENT  |
|           | 07:00 - 08:15 | 1.25  | TRIP | a        | OBJECT | TIH W MILL ASSY, TAG 5530'   |
|           | 08:15 - 10:00 | 1.75  | COUT | a        | OBJECT | EST CIRC W 1250 CFM AIR, CO TO 5535'   |
|           | 10:00 - 11:15 | 1.25  | TRIP | a        | OBJECT | TOOH W MILL ASSY   |
|           | 11:15 - 11:45 | 0.50  | TRIP | a        | OBJECT | TIH W EXPENDABLE CHECK, SEATING NIPPLE, 1 JT 2.375" TBG, 2 PUP JT & 110 JTS 2.375" TBG   |
|           | 11:45 - 12:15 | 0.50  | BRCH | a        | OBJECT | BROACH FIRST HALF TBG  |
|           | 12:15 - 13:00 | 0.75  | TRIP | a        | OBJECT | TIH W 65 JTS 2.375" TBG  |
|           | 13:00 - 13:30 | 0.50  | BRCH | a        | OBJECT | BROACH SECOND HALF TBG   |
|           | 13:30 - 06:00 | 16.50 | FLOW | a        | OBJECT | EST CIRC W 1240 CFM AIR/MIST<br>1400 HR, NATURAL FLOW, 4 BPH, NO SAND<br>1500 HR, 700 CFM, UNLOAD 5 BBL, LIGHT SAND<br>1600 HR, NATURAL FLOW, 3 BPH, NO SAND<br>1700 HR, 700 CFM, UNLOAD 5 BBL, LIGHT SAND<br>1800 HR, NATURAL FLOW, 1 BPH, NO SAND<br>2100 HR, 700 CFM, UNLOAD 8 BBL, LIGHT SAND<br>2200 HR, NATURAL FLOW DRY GAS<br>2400 HR, 700 CFM, UNLOAD 8 BBL, LIGHT SAND<br>0100 HR, NATURAL FLOW DRY GAS<br>0300 HR, 700 CFM, UNLOAD 7 BBL, LIGHT SAND<br>0400 HR, NATURAL FLOW DRY GAS |

Operations Summary Report

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

Start: 4/19/2004  
 Rig Release: 4/27/2004  
 Rig Number: 521  
 Spud Date: 2/12/1975  
 End:  
 Group:

| Date      | From - To     | Hours | Code | Sub Code | Phase  | Description of Operations   |
|-----------|---------------|-------|------|----------|--------|---|
| 4/24/2004 | 13:30 - 06:00 | 16.50 | FLOW | a        | OBJECT | 0500 HR, NATURAL FLOW DRY GAS   |
| 4/25/2004 | 06:00 - 06:00 | 24.00 | FLOW | a        | OBJECT | EST CIRC W 1240 CFM AIR/MIST<br>0600 HR, 700 CFM, UNLOAD 7 BBL, TRACE SAND<br>0700 HR, NATURAL FLOW DRY GAS<br>0900 HR, 700 CFM, UNLOAD 7 BBL, TRACE SAND<br>1000 HR, NATURAL FLOW DRY GAS<br>1200 HR, 700 CFM, UNLOAD 7 BBL, TRACE SAND<br>1300 HR, NATURAL FLOW DRY GAS<br>1500 HR, 700 CFM, UNLOAD 7 BBL, TRACE SAND<br>1600 HR, NATURAL FLOW DRY GAS<br>1800 HR, 700 CFM, UNLOAD 6 BBL, TRACE SAND<br>1900 HR, NATURAL FLOW DRY GAS<br>2100 HR, 700 CFM, UNLOAD 6BBL, TRACE SAND<br>2200 HR, NATURAL FLOW DRY GAS<br>2400 HR, 700 CFM, UNLOAD 2 BBL, TRACE SAND<br>0200 HR, 1250 CFM, 5 BPH MIST, UNLOAD 18 BBL, TRACE SAND<br>0300 HR, NATURAL FLOW DRY GAS<br>0500 HR, 700 CFM, UNLOAD 7 BBL, TRACE SAND<br>0600 HR, NATURAL FLOW DRY GAS |
| 4/26/2004 | 06:00 - 06:00 | 24.00 | FLOW | a        | OBJECT | EST CIRC W 1240 CFM AIR/MIST<br>0600 HR, 700 CFM, UNLOAD 2.6 BBL, TRACE SAND<br>0700 HR, NATURAL FLOW DRY GAS<br>0900 HR, 700 CFM, UNLOAD 5.6 BBL, TRACE SAND<br>1000 HR, NATURAL FLOW DRY GAS<br>1200 HR, 700 CFM, UNLOAD 2.6 BBL, TRACE SAND<br>1300 HR, NATURAL FLOW DRY GAS<br>1500 HR, 700 CFM, UNLOAD 2.5 BBL, TRACE SAND<br>1600 HR, NATURAL FLOW DRY GAS<br>1800 HR, 700 CFM, UNLOAD 6.2 BBL, TRACE SAND<br>1900 HR, NATURAL FLOW DRY GAS<br>2100 HR, 700 CFM, UNLOAD 7.2 BBL, TRACE SAND<br>2200 HR, NATURAL FLOW DRY GAS<br>2400 HR, 700 CFM, UNLOAD 6.3 BBL, TRACE SAND<br>0300 HR, NATURAL FLOW DRY GAS<br>0500 HR, 700 CFM, UNLOAD 4.7 BBL, TRACE SAND<br>0600 HR, NATURAL FLOW DRY GAS  |
| 4/27/2004 | 06:00 - 06:30 | 0.50  | MIMO | a        | OBJECT | CREW TRAVEL TO LOCATION, SERVICE & START RIG  |
|           | 06:30 - 06:45 | 0.25  | SAFE | a        | OBJECT | HSM, TOPIC: WORKING AROUND HIGH PRESSURE LINES, RIG CREW PRESENT  |
|           | 06:45 - 08:00 | 1.25  | FLOW | a        | OBJECT | FLOW WELL NATURAL   |
|           | 08:00 - 10:00 | 2.00  | COUT | a        | OBJECT | TIH W TBG, TAG PBDT @ 5547', EST CIRC W 1250 CFM AIR, TOOH & LD 3 JTS TBG   |
|           | 10:00 - 11:00 | 1.00  | NUND | a        | OBJECT | LAND TBG AS FOLLOWS: EXPENDABLE CHECK, SEATING NIPPLE, 1 JT 2.375" J-55 TBG, 2.11' X 2.375" J-55 PUP JT & 172 JTS 2.375" J-55 TBG @ 5456.81' (173 JTS TBG TOTAL), ND BOP, NU WH   |
|           | 11:00 - 14:00 | 3.00  | PUMP | a        | OBJECT | DROP BALL & PUMP EXPENDABLE CHECK @ 1000 PSI, REVERSE FLOW UP TBG, SOAPED TBG & ROCKED TWICE TO EST FLOW UP TBG   |
|           | 14:00 - 15:30 | 1.50  | TEST | a        | OBJECT | PITOT TBG @ 158 MCFD WET  |
|           | 15:30 - 16:00 | 0.50  | RURD | a        | OBJECT | RD RIG & EQUIPMENT  |
|           |               |       |      |          |        | MIRU, TOOH 173 JTS TBG, RU BWWC, RUN GR-CCL FROM 5000' TO 4000', POOH W LOGGING TOOL, RIH W 4 1/2" CIBP & SET @   |

**Operations Summary Report**

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

Start: 4/19/2004  
 Rig Release: 4/27/2004  
 Rig Number: 521

Spud Date: 2/12/1975  
 End:  
 Group:

| Date      | From - To     | Hours | Code | Sub Code | Phase  | Description of Operations  |
|-----------|---------------|-------|------|----------|--------|--|
| 4/27/2004 | 15:30 - 16:00 | 0.50  | RURD | a        | OBJECT | 4890', TIH W TBG, LOAD CSG W 2% KCL, TIH & SET 7" PACKER @ 30', PRESSURE TEST CSG TO 3000 PSI, TOOH W PACKER, SPOT 700 GAL 15% HCL ACROSS PERF ZONE, TOOH W TBG, RIH & PERF LEWIS, RD BBWC, RU FRAC EQUIPMENT, FRAC LEWIS W DOWELL, RD DOWELL, PU & TIH W 3.875" MILL, CO TO CIBP, MILL CIBP, TIH & CO TO PBD, TOOH W MILL ASSY, PU & TIH W X-CHECK, SEATING NIPPLE, 1 JT 2.375" TBG, 2' X 2.375" PUP JT & 175 JTS 2.375" TBG, CO TO PBD, CLEAN UP WELL, BROACH TBG WHILE TRIPPING IN, LAND 173 JTS TBG @ 5456.81", ND BOP, NU WH, PUMP OFF X-CHECK @ 1000 PSI, REVERSE CIRC UP TBG, PITOT TBG @ 158 MCFD WET, RD EQUIPMENT, MOVE TO NEXT LOCATION |