### New Mexico Energy Minerals and Natural Resources Department

Form C-140 Revised 06/99

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

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   |  |  |  |  |   |  |  |  |
|----------|----------------------------|--|--|--|--|--|---|--|--|--|
| Operat   | or name addre              | ss Burlingte   |  | ces Oil and Gas<br>gton, NM 8749                                 | )  | OGRID Númber 014538  |   |  |  |  |
| Contac   | t Party                    | Leslie [   | D. White   | Phone 505/326-9700   |  |  |   |  |  |  |
| Prope    | rty Name                   |  |  |  | mber   | API Number   |   |  |  |  |
| -        | CAIN                       |  |  |  | 4  |  | 3004507631  |  |  |  |
| UL       | Section                    | Township   | Range  | Feet From The  |  | Feet From The  | County  |  |  |  |
| N        | 31                         | 29 N   | 9 W  | 990 F  | FSL  | 1480 FWL   | SAN JUAN  |  |  |  |
| II.:     | Workov                     | er   |  |  |  |  |   |  |  |  |
| Date W   | orkover Comm               | ence   | 6/16/2003  |  | roducing Po  | ool(s) (Prior to Workover):  |   |  |  |  |
| Date V   | orkover Compl              | eted:  | 7/12/2003  | İ  | PICTURE  | ED CLIFFS (GAS)  |   |  |  |  |
|          |                            | County Lesi 1. I a 2. I i av 3. To cu fo   | nave made, o<br>ailable for this<br>the best of n<br>rve and/or tal<br>r this Well are | , being first of tor, or authorized re reaused to be mad s Well. | epresenta<br>le, a diligo<br>applicatio<br>curate.<br>Title <u>S</u> | rn, upon oath states: ative of the Operator, of the alent search of the production in and the data used to prepare in the Accountant of th | ecords reasonably   |  |  |  |
|          | My Commission expires:     |  |  |  |  |  |   |  |  |  |
|          |                            |  |  | tember 15,2  | 4004   |  | smatha Wimsall  |  |  |  |
| FC<br>IV | . CEI<br>Thi<br>Div<br>Sec | RTIFICATION Application is in the contraction in the contraction is in the contraction in | ON OF APPR<br>is hereby ap<br>verifies the of<br>Taxation and                          | proved and the aborate shows a position                          | ve produ   | ction increase. By copy here   | Vell Workover Project and the cof, the Division notifies the this Well Workover Project |  |  |  |
| s        | ignature Di                | strict Superv  | visor 3  | 55   | OCD  | District 3   | 4/2/01 Date   |  |  |  |
| VI       | I. DA                      | TE OF NOT  | IFICATION  | TO THE SECRET  | ARY OF   | THE TAXATION AND R   | EVENUE DEPARTMENT:  |  |  |  |

| REG_DTL_D | AZTEC PICTURED CLIFF<br>(GAS) | S |
|-----------|-------------------------------|---|
| WEG_DID_D | (-1.1.7)                      |   |
| 7/1/2002  | 476                           |   |
| 8/1/2002  | 458                           |   |
| 9/1/2002  | 419                           |   |
| 10/1/2002 | 379                           |   |
| 11/1/2002 | 357                           |   |
| 12/1/2002 | 303                           |   |
| 1/1/2003  | 348                           |   |
| 2/1/2003  | 263                           |   |
| 3/1/2003  | 418                           |   |
| 4/1/2003  | 349                           |   |
| 5/1/2003  | 412                           |   |
| 6/1/2003  | 117                           |   |
| 7/1/2003  | 2526                          |   |
| 8/1/2003  | 3159                          |   |
| 9/1/2003  | 2833                          |   |
| 10/1/2003 | 2503                          |   |
|           |                               |   |

Monday, March 29, 2004 QUALIFY: Y JUL 2003 N

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### **BURLINGTON RESOURCES DIVISIONS**

# **Operations Summary Report**

Start:

Legal Well Name: CAIN #4
Common Well Name: CAIN #4

CAP WORKOVER

06/16/2003

Spud Date: 11/17/1954 End:

07/12/2003

Contractor Name: Rig Name:

**Event Name:** 

AZTEC WELL SERVICE **AZTEC** 

Rig Release: 07/11/2003

Group:

Rig Number: 485

| Date       | From - To     | Hours | Code | Sub<br>Code |        | Description of Operations   |
|------------|---------------|-------|------|-------------|--------|---|
| 06/17/2003 | 06:00 - 07:00 |       | MIMO | а           | OBJECT | CREW TRAVEL TO LOCATION.  |
|            | 07:00 - 07:15 |       | SRIG | а           | OBJECT | START & SERV RIG.   |
|            | 07:15 - 07:30 | 0.25  | SAFE | а           | OBJECT | SAFETY MEETING. 4 AZTEC WELL SERV, 1 ENERGY AIR - TOPIC - RIG MOVE.   |
|            | 07:30 - 08:00 | 0.50  | MIMO | а           | OBJECT | ROAD RIG TO LOCATION.   |
|            | 08:00 - 09:00 | 1.00  | RURD | а           | OBJECT | RIG UP AZTEC RIG 485.   |
|            | 09:00 - 09:15 | 0.25  | NUND | а           | OBJECT | SHUT IN TBG & CSG PRESS - 120 PSI, BRAIDEN HEAD PRESS - 0<br>PSI, NIPPLE DOWN FLOW LINE, BREAK WELL HEAD CAP, NO 1"<br>TBG IN SLIPS.  |
|            | 09:15 - 11:45 | 2.50  | MIMO | а           | OBJECT | MOVE IN PUMP, TANK, CAT WALK & 2% KCL WATER.  |
|            | 11:45 - 12:30 | 0.75  | KILL | а           | OBJECT | KILL WELL W/ 2% KCL. TOOK 60 BBLS BEFORE WELL WENT ON VAC.  |
|            | 12:30 - 14:15 | 1.75  | WELH | а           | OBJECT | PICK UP BAKER 7" BRIDGE PLUG & SET @ 45'. FILL HOLE W/ 2% KCL. CUT OFF 7" CSG, WELD ON SLIP ON NIPPLE.  |
|            | 14:15 - 16:00 | 1.75  | NUND | а           | OBJECT | NIPPLE UP WELL HEAD, BOP, & BLOOIE LINE, CHANGE PIPE  |
|            | 16:00 - 16:15 | 0.25  | PCKR | а           | OBJECT | RAMS, ELEVATORS, & SLIP DIES TO 2-7/8". RETREIVE BAKER 7" RBP.  |
|            | 16:15 - 16:45 |       | FISH | a           | OBJECT | PICK UP OVER SOCKET, PICK UP 2 JTS 2-7/8" 6.5# J-55 8rd EUE   |
|            | 10.70         | 0.50  | 1.0  |             | OBJECT | TBG, WORK OVER SOCKET OVER 1" TBG, PULL 2 JTS 2-7/8" TBG. LAY DOWN OVERSOCKET.  |
|            | 16:45 - 17:00 | 0.25  | PULD | а           | OBJECT | LAYDOWN 21 JTS 1" 1.7# J-55 TBG.  |
|            | 17:00 - 17:45 |       | FISH | а           | OBJECT | BREAK DOWN OVERSOCKET, PULL 1" OUT OF OVERSOCKET, CHANGE OVERSOCKET SLIPS.  |
|            | 17:45 - 18:15 | 0.50  | PULD | а           | OBJECT | PICKUP 16 JTS 2-7/8" 6.5# J-55 8rd EUE TBG, WORK OVERSOCKET 30' OVER FISH.  |
|            | 18:15 - 18:45 | 0.50  | PULD | а           | OBJECT | PULL OUT & LAY DOWN 23 JTS CORK SCREWED 1" TBG.   |
|            | 18:45 - 19:00 |       | SHDN | а           | OBJECT | SHUT WELL IN, SECURE LOCATION, SHUT DOWN FOR NIGHT.   |
| 06/18/2003 | 06:00 - 07:00 | 1.00  | MIMO | а           | OBJECT | CREW TRAVEL TO LOCATION.  |
|            | 07:00 - 07:15 | 0.25  | SRIG | а           | OBJECT | START & SERV RIG.   |
|            | 07:15 - 07:30 | 0.25  | SAFE | а           | OBJECT | SAFETY MEETING. 4 AZTEC WELL SERV, 1 ENERGY AIR - TOPIC - FISHING   |
|            | 07:30 - 11:30 | 4.00  | FISH | а           | OBJECT | PICK UP OVERSHOT W/ EXTENSION, RUN # 1 - RETREIVE 5 JTS, RUN # 2 - RETREIVE 1 JT, RUN # 3 - RETREIVE 6 JTS,   |
|            | 11:30 - 12:30 | 1.00  | SAFE | a           | OBJECT | RIG INSPECTION.   |
|            | 12:30 - 17:45 |       | FISH | а           | OBJECT | COMPLETE RUN # 3 - RETREIVE 20 JTS, RUN # 4' - RETREIVE 9 JTS. RUN # 5 - RETREIVE 10 JTS, RUN # 6 - NO RECOVERY, RUN # 7 - PICK UP SHORT CATCH OVERSHOT & TRIP IN TO 2,114', WORK OVERSHOT. SHUT DOWN DUE TO HIGH WIND. |
| 00/40/0200 | 17:45 - 18:00 |       |      | а           | OBJECT | SHUT WELL IN, SECURE LOCATION, SHUT DOWN FOR NIGHT.   |
| 06/19/2003 | 06:00 - 07:00 |       |      | а           | OBJECT | CREW TRAVEL TO LOCATION.  |
|            | 07:00 - 07:15 |       |      | а           | OBJECT | START & SERV RIG.   |
|            | 07:15 - 07:30 |       |      | а           | OBJECT | SAFETY MEETING. 4 AZTEC WELL SERV, 1 ENERGY AIR, 1 BAKER<br>OIL TOOL -TOPIC - FISHING - PINCH POINTS.   |
|            | 07:30 - 14:30 | 7.00  | FISH | а           | OBJECT | COMPLETE RUN # 7 - RETREIVE 2 JTS 1" TBG, RUN # 8 - NO RECOVERY, RUN # 9 - RETREIVE 1 JT 1", RUN # 10 - NO RECOVERY, RUN # 11 - RETREIVE 1 JT 1" TBG & MUD ANCHOR, RUN # 12 - NO RECOVERY.                              |
|            | 14:30 - 15:15 | 0.75  | PULD | а           | OBJECT | PICK UP 6-1/4" SUPER MILL, BIT SUB, SUPER MILL WOULD NOT<br>GO THROUGH CASING NIPPLE, LAY DOWN SUPER MILL & PICK UP<br>6-1/4" BIT, BIT ENTERED CASING OK, PICK UP 6 - 3-1/2" DRILL<br>COLLARS & X-OVER.                 |
|            | 15:15 - 16:00 | 0.75  | TRIP | а           | OBJECT | TRIP IN W/ 63 JOINTS 2-7/8" 6.5# J-55 8rd EUE TBG, TAG UP @ 2,136' KB MEAS.   |
|            |               |       |      |             |        |   |

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### BURLINGTON RESOURCES DIVISIONS

# **Operations Summary Report**

Legal Well Name: CAIN #4
Common Well Name: CAIN #4

CAP WORKOVER

Start:

06/16/2003

Spud Date: 11/17/1954 End:

07/12/2003

**Event Name:** Contractor Name:

**AZTEC WELL SERVICE** 

Rig Release: 07/11/2003

Group:

Rig Name:

AZTEC

Rig Number: 485

| Rig Name:  | •                              | AZIEC |              |             |                  | Rig Number: 465   |
|------------|--------------------------------|-------|--------------|-------------|------------------|---|
| Date       | From - To                      | Hours | Code         | Sub<br>Code | Phase            | Description of Operations   |
| 06/19/2003 | 16:00 - 16:30<br>16:30 - 17:00 |       | NUND<br>CIRC | a<br>a      | OBJECT<br>OBJECT | PICK UP & NIPPLE UP POWER SWIVEL, NIPPLE UP MANIFOLD.<br>BREAK CIRC W/ 950 SCF/M AIR MIST @ 14 BPH @ 850 PSI, PRESS   |
|            | 10.00                          | 0.00  |              |             |                  | LEVELED OFF@ 350 PSI.   |
|            | 17:00 - 17:45                  | 0.75  | COUT         | а           | OBJECT           | CLEAN OUT FILL & JUNK TO 2,160' W/ 450 SCF/M AIR MIST @ 14 BPM.   |
|            | 17:45 - 18:15                  | 0.50  | DRLG         | а           | OBJECT           | DRILL 6-1/4" HOLE 2,160' TO 2,175' W/ 450 SCF/M AIR MIST @ 14 BPH.  |
|            | 18:15 - 18:30                  |       | CIRC         | а           | OBJECT           | CIRC HOLE CLEAN W/ 450 SCF/M AIR MIST @ 14 BPH.   |
|            | 18:30 - 18:45                  | 0.25  | TRIP         | а           | OBJECT           | HANG POWER SWIVEL, PICK P TBG TONGS, TRIP OUT W/ 6 JTS 2-7/8" 6.5# J-55 8rd EUE TBG TO 2.000'.                        |
|            | 18:45 - 19:00                  | 0.25  | SHDN         | а           | OBJECT           | SHUT WELL IN, SECURE LOCATION, SHUT DOWN FOR NIGHT.   |
|            |                                |       |              |             |                  | NOTE NITIFIED BLM OF CSG & CEMENT @ 04:20 HRS 6/18/2003.  |
| 06/20/2003 | 06:00 - 07:00                  |       | MIMO         | a           | OBJECT           | CREW TRAVEL TO LOCATION.  |
|            | 07:00 - 07:15                  |       | SRIG         | а           | OBJECT           | START & SERV RIG.   |
|            | 07:15 - 07:30                  |       | SAFE         | a<br>a      | OBJECT<br>OBJECT | SAFETY MEETING. 4 AZTEC WELL SERV, 1 ENERGY AIR - TOPIC -   |
|            | 07:30 - 07:45<br>07:45 - 11:30 |       | DRLG         | a           | OBJECT           | TRIP IN W/ 6 JTS 2-7/8", NO FILL, PICK UP POWER SWIVEL. DRILL 6-1/4" HOLE 2,175' TO 2,349' W/ 900 SCF/M AIR MIST @ 14 |
|            | 07.43 - 11.30                  | 3.73  | DIVEG        | "           | OBSECT           | BPH. P-RATE @ 46.4 FPH.   |
|            | 11:30 - 12:00                  | 0.50  | CIRC         | а           | OBJECT           | CIRC HOLE CLEAN W/ 450 SCF/M AIOR MIST @ 10 BPH.  |
|            | 12:00 - 12:15                  |       | PULD         | a           | OBJECT           | LAY DOWN 10 JTS 2-7/8" 6.5# J-55 8rd EUE TBG, 6 - 3-1/2" DRILL  |
|            |                                |       |              |             |                  | COLLARS & BIT.  |
|            | 12:15 - 12:45                  | 0.50  | RRSR         | а           | OBJECT           | REPAIR BROKEN AIR LINE.   |
|            | 12:45 - 14:00                  | 1.25  | PULD         | а           | OBJECT           | LAY DOWN 60 JTS 2-7/8" 6.5# J-55 8rd EUE TBG, 6 - 3-1/2" DRILL  |
|            |                                |       |              |             |                  | COLLARS & BIT.  |
|            | 14:00 - 14:45                  | 1     | PULD         | а           | OBJECT           | SPOT CASING FLOAT, RIG CSG TOOLS.   |
|            | 14:45 - 17:45                  | 3.00  | PULD         | а           | OBJECT           | STRAP, DRIFT & PICK UP 57 JTS 4-1/2" 10.5# J-55 STC CASING  |
|            |                                |       |              |             |                  | LANDED @ 2,316.70' AS FOLLOWS:  |
|            |                                |       |              |             | 1                | 1 - 4-1/2" SAW TOOTH COLLAR @ 2,316.70'   |
|            |                                |       | 1            | ,           |                  | 1 - 4-1/2" X 4.85' 10.5# J-55 STC PUP JT. @ 2,311.40'   |
|            |                                |       |              |             |                  | 9 - JTS 4-1/2" 10.5# J-55 STC CASING  |
|            |                                |       |              |             |                  | 1 - 4-1/2" X 12.85' 10.5# J-55 STC MARKER JT @ 1,982.78'<br>48 - JTS 4-1/2" 10.5# J-55 STC CASING                     |
|            | 17:45 - 20:00                  | 2 25  | CEMT         | a           | OBJECT           | RIG UP B-J SERVICES, TEST LINES W/ 2,500 PSI, CMT W/ 10 BBLS  |
|            | 17.40 - 20.00                  | 2.20  | OL.          | ["          | OBJECT           | DYED FRESH WATER GEL, FOLLOWED BY 10 BBLS FRESH   |
|            |                                |       |              |             |                  | WATER GEL, & 3 BBLS FRESH WATER FOLLOWED BY 250 SX  |
|            |                                |       |              | ]           |                  | CLASS H LEAD W/ ADDITIVES @ 12.5 PPG, 1.98 YIELD, 88.4 BBL  |
|            |                                |       |              |             |                  | SLURRY, SHUT DOWN, DROP PLUG, DISPLACE W/ 36.5 BBLS   |
|            |                                |       |              |             |                  | FRESH WATER, BUMP PLUG W/ 1,525 PSI, PLUG DOWN @ HELD   |
|            |                                |       |              |             |                  | @ 18:35 HRS 06/19/03. CIRC 30 BBLS GOOD CEMENT TO   |
|            |                                |       |              | l           |                  | SURFACE. WASH UP LINES, RIG DOWN BJ   |
| 06/21/2003 | 06:00 - 06:30                  |       | MIMO         | а           | OBJECT           | CREW TRAVEL TO LOCATION.  |
|            | 06:30 - 06:45                  | 1     | SRIG         | а           | OBJECT           | START & SERV RIG.   |
|            | 06:45 - 07:00                  | 0.25  | SAFE         | а           | OBJECT           | SAFETY MEETING. 4 AZTEC WELL SERV, 1 ENERGY AIR -TOPIC -  |
|            | 07:00 - 08:00                  | 1.00  | RURD         | а           | OBJECT           | RIGGING DOWN.<br>RIG DOWN AZTEC # 485. RELEASE RIG @ 08:00 HRS 06/20/2003.  |
|            | 57,00 = 00.00                  | 1.50  |              |             | JULUI            | 100 DOTTO 721 EO # 700. NELLAGE NIG @ 00.00 FINS 00/20/2003.  |
|            |                                |       |              |             |                  | NOTE TRANSFER 102 JTS JUNK 1" TBG TO YARD @ 3 JTS 4-1/2"  |
| 00/00/00   |                                |       | 0.6=         |             |                  | 10.5# J-55 STC CSG.   |
| 06/28/2003 | 09:00 - 12:00                  | 3.00  | CASE         | а           | PREWRK           | RIG UP BASIN WIRELINE, RUN GAUGE RING TO 2313' (PBTD @  |
|            |                                | İ     |              |             |                  | 2311'), RUN GR-CCL FROM 2312' TO SURFACE, NO CBL RUN,   |
| 07/04/2003 | 06:00 - 08:30                  | 2 50  | МІМО         | а           | MIRU             | CEMENT CIRC TO SURFACE, RD WIRELINE.  |
| 01/04/2000 | 00.00 - 00.30                  | 2.50  | WINNO        |             | IVIIRU           | MIRU BASIN W/L, & SCHLUMBERGER FRAC EQUIP. RIH W/ WL,   |
|            |                                |       |              |             |                  |   |

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### **BURLINGTON RESOURCES DIVISIONS**

### **Operations Summary Report**

Legal Well Name: CAIN #4
Common Well Name: CAIN #4

CAP WORKOVER

Start:

06/16/2003

Spud Date: 11/17/1954

Event Name: Contractor Name:

**AZTEC WELL SERVICE** 

Rig Release: 07/11/2003

End: Group: 07/12/2003

Rig Name: **AZTEC** Rig Number: 485

| Rig Name:  |                                | AZTEC |              |             |                  | Rig Number: 485  |
|------------|--------------------------------|-------|--------------|-------------|------------------|--|
| Date       | From - To                      | Hours | Code         | Sub<br>Code | Phase            | Description of Operations  |
| 07/04/2003 | 06:00 - 08:30<br>08:30 - 09:30 | 1     | MIMO<br>FRAC | a           | MIRU<br>OBJECT   | PERF PC 2110'- 2150', 1 SPF, 41 SHOTS. POH, RDMO WL. PREFRAC SAFETY - 21 PEOPLE ON LOCATION. TEST LINES @ 5100 PSI. OPEN WELL, BD PC PERFS @ 3066 PSI- 4 BPM. EST INJ RATE, FRAC PC PAY W/ 100,000# ARIZONA 20/40 SAND, 1-4 PPG SAND CONE, & 241 BBLS 70 QUALITY FOAMED 20# LG @ 35-41 BPM- 1470- 1640 PSI. DISPLACE W/ 13 FLD BBLS. TOTAL FLD TO RECOVER = 254 FLD BBLS. TOTAL N2 = 246,300 SCF N2. ISIP = 1055 PSI. SIW. |
|            | 09:30 - 10:30                  | 1.00  | МІМО         | а           | RDMO             | RD SCHLUMBERGER FRAC EQUIP., NU 2" FB LINE TO BLOW PIT. PREP TO FWB. OPEN ON 8/64 CHK, 950 PSI. 5:00 PM- 32/64 CHK, 120 PSI, TRACE SAND. 5:00 AM- 48/64 CHK, 30 PSI, MOD-HVY FOAM FLD, NO SAND.  |
| 07/05/2003 | 06:00 - 06:00                  | 24.00 | FLOW         | a           | CLEAN            | FLOW WELL BACK AS NEEDED TO CLN WELLBORE. 5:00 AM -<br>RECOVERING LIGHT MIST, NO SAND, APROX 20 PSI ON 2" LINE.  |
| 07/06/2003 | 06:00 - 06:00                  | 24.00 | SRIG         | а           | CLEAN            | FLOW WELL BACK, RECOVERING DRY GAS. SIW/ WAIT ON COMPLETION RIG.   |
| 07/08/2003 | 18:00 - 06:00                  | 12.00 | FLOW         | а           | CLEAN            | FLOW WELL BACK. 7:00 PM RECOVERING LIGHT MIST, 50 PSI.,<br>LIGHT SAND. 5:00 AM- RECOVERING LIGHT MIST TO MOD<br>SURGES, LIGHT - MOD SAND, 10 PSI @ WH.   |
| 07/09/2003 | 06:00 - 06:00                  | 24.00 | FLOW         | а           | CLEAN            | FLOW WELL BACK, PREP TO CO WELL W/ SANJEL CTU PACKAGE. 7:00 AM- RECOVERING LIGHT MIST, MOD SURGES, LIGHT TO MOD SAND, 10 PSI @ WH. 5:00 AM- RECOVERING LIGHT MIST, 1 BWPH, TRACE SAND, 5 PSI @ WH. SIW/ WAIT ON CTU PACKAGE  |
| 07/11/2003 | 06:00 - 07:00                  |       | MIMO         | a           | OBJECT           | CREW TRAVEL TO LOCATION.   |
|            | 07:00 - 07:15<br>07:15 - 07:30 |       | SRIG<br>SAFE | a           | OBJECT<br>OBJECT | START & SERV RIG. SAFETY MEETING. 4 AZTEC WELL SERV, 1 ENERGY AIR - TOPIC - RIG MOVE.  |
|            | 07:30 - 08:30                  | 1.00  | MIMO         | а           | OBJECT           | ROAD RIG TO LOCATION.  |
|            | 08:30 - 10:00                  | 1.50  | RURD         | а           | OBJECT           | RIG UP AZTEC RIG 485. SHUT IN CSG PRESS - 180 PSI, SHUT IN BRAIDEN HEAD PRESS - 0 PSI.   |
|            | 10:00 - 13:30                  | 3.50  | МІМО         | а           | OBJECT           | MOVE IN & SPOT PUMP, TANK, 400 BBL TANK, CAT WALK, & AIR PACKAGE. MOVE IN 2% KCL.  |
|            | 13:30 - 14:00                  |       | KILL         | а           | OBJECT           | KILL WELL W/ 30 BBLS 2%KCL.  |
|            | 14:00 - 15:30                  |       | NUND         | а           | OBJECT           | NIPPLE DOWN FRAC VALVE, NIPPLE UP WELL HEAD. RIG UP FLOOR.   |
|            | 15:30 - 16:30                  |       | MIMO         | а           | OBJECT           | MOVE IN TBG & UNLOAD ON PIPE RACKS, REMOVE PROTECTORS & STRAP.   |
|            | 16:30 - 17:30                  | 1.00  | PULD         | а           | OBJECT           | DRIFT & PICK UP 2-3/8" 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" 2-3/8" PUP JT, & 69 JTS 2-3/8" 4.7# J-55 8rd EUE TBG. TAG FILL @ 2,182' KB MEAS.   |
|            | 17:30 - 17:45                  | 0.25  | NUND         | а           | OBJECT           | NIPPLE UP POWER SWIVEL & AIR PACKAGE.  |
|            | 17:45 - 18:00                  | 1     |              | а           | OBJECT           | PULL OUT TO 2,100'. SHUT WELL IN, SECURE LOCATION, SHUT DOWN FOR NIGHT.  |
| F          | 06:00 - 06:30                  |       |              | а           | OBJECT           | CREW TRAVEL TO LOCATION.   |
| 1          | 06:30 - 06:45                  |       |              | а           | OBJECT           | START & SERV RIG.  |
| ĺ          | 06:45 - 07:00                  |       |              | а           | OBJECT           | SAFETY MEETING. 4 AZTEC WELL SERV, 1 ENERGY AIR -TOPIC -<br>RESPECT HIGH PRESS.  |
|            | 07:00 - 08:30                  |       |              | а           | OBJECT           | TRIP IN TO 2,182', TAG SAND, BREAK CIRC W/ 450 SCF/M AIR MIST @ 10 BBLS/HR. COUT SAND FROM 2,182' TO PBTD @ 2,311'.  |
|            | 08:30 - 12:00                  | 3.50  | BLOW         | а           | OBJECT           | BLOW W/ 300 SCF/M AIR, INITIAL SAND @ 3 GAL/HR, INITIAL<br>WATER @ 7 BBLS/HR., FINAL SAND @ 0, FINAL WATER @ 5 BBLS<br>HR.   |

### BURLINGTON RESOURCES DIVISIONS

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## **Operations Summary Report**

Legal Well Name: CAIN #4
Common Well Name: CAIN #4

**AZTEC WELL SERVICE** 

Start:

06/16/2003

Spud Date: 11/17/1954 07/12/2003

Event Name: Contractor Name: **CAP WORKOVER** 

Rig Release: 07/11/2003

End: Group:

| Rig Name:  |               | AZTEC | -    |             |        | Rig Number: 485  |
|------------|---------------|-------|------|-------------|--------|--|
| Date       | From - To     | Hours | Code | Sub<br>Code | Phase  | Description of Operations  |
| 07/12/2003 | 12:00 - 14:00 | 2.00  | FLOW | а           | OBJECT | FLOW THROUGH 2" OPEN LINE THROUGH CASING @ 5 BBLS WTR/HR, NO SAND.   |
|            | 14:00 - 15:00 | 1.00  | BLOW | а           | OBJECT | NO FILL, BLOW W/ 300 SCF/M AIR, INITIAL WATER @ 6 BBLS/ HR, NO SAND, FINAL WATER @ 5 BBLS/HR NO SAND.  |
|            | 15:00 - 16:00 |       | NUND | а           | OBJECT | LAND TBG @ 2,123.73' AS FOLLOWS:  1 - 2-3/8" SAW TOOTH COLLAR @ 2,123.73'.  1 - 2-3/8" X 1.78" ID 8rd EUE SEATING NIPPLE @ 2,122.41'  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 JOINT @ 2,089.36'  67 - JTS 2-3/8" 4.7# J-55 8rd EUE TBG.  RIG DOWN FLOOR, NIPPLE DOWN BOP, NIPPLE UP TREE @ FLOW LINE. |
|            | 16:00 - 17:00 | 1.00  | RURD | а           | OBJECT | RIG DOWN AZTEC # 485. RELEASE RIG @ 17:00 HRS 7/11/2003.   |
|            | 17:00 - 06:00 | 13.00 | FLOW | а           | OBJECT | FLOW BACK ON 2" OPEN LINE THROUGH TBG. FLOWING WATER<br>@ 3.25 BBLS/HR FRAC WTR & PITOT @ 354 MCF/D  |
| 07/13/2003 | 06:00 - 06:00 | 24.00 | FLOW | а           | OBJECT | NOTE: MOVE 16 JTS 2-3/8" 4.7# J-55 8rd EUE TBG TO REID # 6. FLOW BACK ON 2" OPEN LINE THROUGH TBG. FLOWING WATER @ .25 BBLS/HR & PITOT @ 309 MCF/D. SHUT WELL IN, TURN OVER TO PRODUCTION DEPT.  |
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