

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

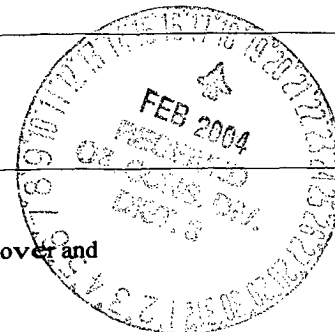
APPLICATION FOR  
WELL WORKOVER PROJECT

I. Operator and Well

|                                                                                                    |         |          |       |                  |                        |                          |  |
|----------------------------------------------------------------------------------------------------|---------|----------|-------|------------------|------------------------|--------------------------|--|
| Operator name address<br>Burlington Resources Oil and Gas Co. LP<br>Box 4289, Farmington, NM 87499 |         |          |       |                  | OGRID Number<br>014538 |                          |  |
| Contact Party<br>Leslie D. White                                                                   |         |          |       |                  | Phone<br>505/326-9700  |                          |  |
| Property Name<br>LACKEY A                                                                          |         |          |       | Well Number<br>2 |                        | API Number<br>3004508511 |  |
| UL                                                                                                 | Section | Township | Range | Feet From The    | Feet From The          | County                   |  |
| L                                                                                                  | 12      | 29 N     | 10 W  | 1650 FSL         | 790 FWL                | SAN JUAN                 |  |

II. Workover

|                                       |                                                                     |
|---------------------------------------|---------------------------------------------------------------------|
| Date Workover Commence<br>4/10/2003   | Previous Producing Pool(s) (Prior to Workover):<br>BLANCO MESAVERDE |
| Date Workover Completed:<br>4/17/2003 |                                                                     |



- 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 )  
County of San Juan ) ss.  
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 2/17/04  
SUBSCRIBED AND SWORN TO before me this 17 day of February, 2004.  
My Commission expires: September 15, 2004 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 4/17/03.

|                                             |                          |                        |
|---------------------------------------------|--------------------------|------------------------|
| Signature District Supervisor<br><u>SSS</u> | OCD District<br><u>3</u> | Date<br><u>2/18/04</u> |
|---------------------------------------------|--------------------------|------------------------|

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

REG\_DTL\_D

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BLANCO MESAVERDE

|           |      |
|-----------|------|
| 4/1/2002  | 669  |
| 5/1/2002  | 894  |
| 6/1/2002  | 655  |
| 7/1/2002  | 1044 |
| 8/1/2002  | 785  |
| 9/1/2002  | 626  |
| 10/1/2002 | 674  |
| 11/1/2002 | 604  |
| 12/1/2002 | 616  |
| 1/1/2003  | 17   |
| 2/1/2003  | 429  |
| 3/1/2003  | 1552 |
| 4/1/2003  | 246  |
| 5/1/2003  | 1299 |
| 6/1/2003  | 891  |
| 7/1/2003  | 1351 |

## BURLINGTON RESOURCES O &amp; G CO

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## Operations Summary Report

Legal Well Name: LACKEY A #2 ST  
 Common Well Name: LACKEY A #2 ST  
 Event Name: CAP WORKOVER  
 Contractor Name: DRAKE WELL SERVICE  
 Rig Name: DRAKE

Spud Date: 04/26/1952  
 Start: 04/10/2003 End: 04/17/2003  
 Rig Release: 04/17/2003 Group:  
 Rig Number: 27

| Date       | From - To     | Hours | Code | Sub Code | Phase  | Description of Operations                                                                                            |
|------------|---------------|-------|------|----------|--------|----------------------------------------------------------------------------------------------------------------------|
| 04/11/2003 | 05:30 - 06:30 | 1.00  | MIMO | a        | PREWRK | CREW TRAVEL                                                                                                          |
|            | 06:30 - 09:00 | 2.50  | MIMO | a        | PREWRK | RR TO LOC                                                                                                            |
|            | 09:00 - 13:00 | 4.00  | RURD | a        | MIRU   | MIRU/ SU AND EQUIP                                                                                                   |
|            | 13:00 - 14:00 | 1.00  | BLOW | a        | CLEAN  | BWD SITP - 250 PSI SICP - 240 PSI                                                                                    |
|            | 14:00 - 15:30 | 1.50  | NUND | a        | OBJECT | ND/MH, NU/BOP                                                                                                        |
|            | 15:30 - 16:30 | 1.00  | TRIP | a        | OBJECT | TOOH W/TBG ( 153 JTS 2 3/8" EUE 8 RD ) TBG APPEARS TO BE IN GOOD SHAPE, LIGHT SCALE                                  |
|            | 16:30 - 17:30 | 1.00  | TRIP | a        | OBJECT | PU/ MU/ TALLY/ IH W/ TBG AND 4 1/2" CIBP                                                                             |
|            | 17:30 - 18:00 | 0.50  | PCKR | a        | OBJECT | SET CIBP ( CIBP DID NOT SET )                                                                                        |
|            | 18:00 - 19:00 | 1.00  | TRIP | a        | OBJECT | TOOH L/D CIBP ( TOP SLIPS MISSING )                                                                                  |
|            | 19:00 - 19:30 | 0.50  | SHDN | a        | OBJECT | SWI / SDFN                                                                                                           |
| 04/12/2003 | 05:30 - 06:30 | 1.00  | MIMO | a        | PREWRK | CREW TRAVEL                                                                                                          |
|            | 06:30 - 07:00 | 0.50  | SAFE | a        | PREWRK | PRE JOB SSafety MEETING W/ 4 CREW, AIR HAND, PKR HAND AND BR CONSULTANT                                              |
|            |               |       |      |          |        | BOP FUNCTIONS TEST - OK                                                                                              |
|            | 07:00 - 07:30 | 0.50  | BLOW | a        | CLEAN  | BWD                                                                                                                  |
|            | 07:30 - 08:30 | 1.00  | PCKR | a        | OBJECT | TIH W/ ARROW 4 1/2" CIBP AND SET @ 3760'                                                                             |
|            | 08:30 - 09:30 | 1.00  | PUMP | a        | OBJECT | LOAD HOLE                                                                                                            |
|            | 09:30 - 10:00 | 0.50  | PCKR | a        | OBJECT | TOOH 5 JTS AND PU/MU 7" ARROW PKR                                                                                    |
|            | 10:00 - 10:30 | 0.50  | PCKR | a        | OBJECT | TIH 5 JTS AND SET PKR 150' FROM SURF ( SQUEEZE HOLE 112' FROM SURF )                                                 |
|            | 10:30 - 11:00 | 0.50  | PRES | a        | OBJECT | PRESS TEST TO 3000 PSI ( HELD )                                                                                      |
|            | 11:00 - 11:30 | 0.50  | SPOT | a        | OBJECT | RLSE PKR AND SPOT 500 GALS / 15% DOUBLE INHIBITED HCL                                                                |
| 04/15/2003 | 11:30 - 12:30 | 1.00  | TRIP | a        | OBJECT | TOOH L/D PKR, TOOH STAND BACK TBG                                                                                    |
|            | 12:30 - 13:00 | 0.50  | PERF | a        | OBJECT | PERF CHACRA 25 HOLES, 1SPF, 33" DIA, 12 GRAM, 25.89" PEN @ INTERVALS BETWEEN 3243'- 3688'                            |
|            | 13:00 - 13:30 | 0.50  | PCKR | a        | OBJECT | TIH 5 JTS 2 7/8" L-80 TBG AND 7" ARROW PKR SET PKR AND                                                               |
|            | 13:30 - 14:00 | 0.50  | FRAC | a        | OBJECT | INSTALL CAMERON SAFETY MANDREL AND FLANGE UP TO FRAC                                                                 |
|            |               |       |      |          |        | BROKE PERFS DOWN @ 1200 PSI, ESTABLISH INJ RATE OF 2 BPM @ 800 PSI                                                   |
|            | 14:00 - 14:30 | 0.50  | SHDN | a        | OBJECT | SWI/ SDF/ WE READY TO FRAC SET UP FOR MONDAY AM                                                                      |
|            | 05:30 - 06:30 | 1.00  | MIMO | a        | PREWRK | CREW TRAVEL                                                                                                          |
|            | 06:30 - 07:00 | 0.50  | SAFE | a        | PREWRK | PRE JOB FRAC SAFETY MEETING W/ 4 CREW TOOL PUSHER, AIR HANDS PKR HAND, BR CONSULTANT, AND 20 FRAC HANDS              |
|            |               |       |      |          |        | BOP FUNCTIONS TEST - OK                                                                                              |
|            |               |       |      |          |        | BATTERIES WERE STOLEN OUT OF MAXI LIGHT AND SAND CHIEF                                                               |
| 04/15/2003 |               |       |      |          |        | OVER WEEK END                                                                                                        |
|            | 07:00 - 08:00 | 1.00  | FRAC | a        | OBJECT | 20# LINEAR 75Q N2 FOAM FRAC AS FOLLOWS;                                                                              |
|            |               |       |      |          |        | BROKE DOWN CHACRA FORMATION - 12 BPM @ 2054 PSI, FRAC W / 629 FLUID BBLs AND FLUSH W/ 42 FLUID BBLs, ISIP - 1392 PSI |
|            |               |       |      |          |        | PRESS RATE                                                                                                           |
|            |               |       |      |          |        | 3081 PSI 56 BPM MAX                                                                                                  |
|            |               |       |      |          |        | 2210 PSI 40 BPM MIN                                                                                                  |
|            |               |       |      |          |        | 2486 PSI 53 BPM AVG                                                                                                  |
|            |               |       |      |          |        | TOTAL SAND 200,000 # 20 / 40 BRADY                                                                                   |
|            |               |       |      |          |        | TOTAL N2 1,038,600 SCF                                                                                               |
|            |               |       |      |          |        | TOTAL FLUID TO RECOVER - 671 BBLs                                                                                    |
| 04/15/2003 | 08:00 - 09:30 | 1.50  | RURD | a        | OBJECT | R/D D/S, RU / FLOW MANIFOLD                                                                                          |
|            | 09:30 - 05:30 | 20.00 | FLOW | a        | CLEAN  | TIME-----PRESS-----CHOKE-----WATER-----SAND-----                                                                     |
|            |               |       |      |          |        | -----COMMENTS                                                                                                        |
|            |               |       |      |          |        | 0930-----1330                                                                                                        |
|            |               |       |      |          |        | PSI-----10/64                                                                                                        |
|            |               |       |      |          |        | -----                                                                                                                |
|            |               |       |      |          |        | -----                                                                                                                |
|            |               |       |      |          |        | -----                                                                                                                |
|            |               |       |      |          |        | -----                                                                                                                |
|            |               |       |      |          |        | -----                                                                                                                |

## BURLINGTON RESOURCES O &amp; G CO

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## Operations Summary Report

Legal Well Name: LACKEY A #2 ST  
 Common Well Name: LACKEY A #2 ST  
 Event Name: CAP WORKOVER  
 Contractor Name: DRAKE WELL SERVICE  
 Rig Name: DRAKE

Spud Date: 04/26/1952  
 Start: 04/10/2003 End: 04/17/2003  
 Rig Release: 04/17/2003 Group:  
 Rig Number: 27

| Date       | From - To     | Hours | Code | Sub Code | Phase  | Description of Operations                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------|---------------|-------|------|----------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 04/15/2003 | 09:30 - 05:30 | 20.00 | FLOW | a        | CLEAN  | 0930-1130—1240 PSI—10/64—D/<br>MIST—VLS—CHANGE TO 14/64<br>1130-1330—1210 PSI—14/64—D/<br>MIST—L/S—CHANGE TO 18/64<br>1330-1530—1120 PSI—18/64—D/<br>MIST—L/S—<br>1530-1730—1060 PSI—18/64—D/<br>MIST—L/S—CHANGE TO 32/64<br>1730-2030—625 PSI—32/64—D/<br>MIST—VLS—CHANGE TO 48/64<br>2030-0100—260 PSI—48/64—M-L/<br>MIST—VLS—CH TO 48 & 32 / 64<br>0100-0500—90 PSI—48 & 32—L/<br>MIST—VLS—CHANGE TO 2"<br>0500—10 PSI<br>—2"—SLUGGING—VLS—DRY GAS |
| 04/16/2003 | 05:30 - 06:30 | 1.00  | MIMO | a        | PREWRK | CREW TRAVEL                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|            | 06:30 - 07:00 | 0.50  | SAFE | a        | PREWRK | PRE JOB SAFETY MEETING W/ 4 CREW, AIR HAND, FLOW BACK HAND, AND BR CONSULTANT                                                                                                                                                                                                                                                                                                                                                                         |
|            |               |       |      |          |        | BOP FUNCTIONS TEST - OK                                                                                                                                                                                                                                                                                                                                                                                                                               |
|            | 07:00 - 08:00 | 1.00  | PCKR | a        | OBJECT | N/D CAMERON MANDREL AND RLSE PKR                                                                                                                                                                                                                                                                                                                                                                                                                      |
|            | 08:00 - 08:30 | 0.50  | TRIP | a        | OBJECT | TOOH L/D PKR                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|            | 08:30 - 09:00 | 0.50  | RURD | a        | OBJECT | CHANGE TO 2 3/8" HANDLING EQUIP                                                                                                                                                                                                                                                                                                                                                                                                                       |
|            | 09:00 - 10:00 | 1.00  | TRIP | a        | OBJECT | PU/MU/TH W/ 3 7/8" MILL, 4 - 3 1/8" COLLARS AND TBG TAG (180" FILL)                                                                                                                                                                                                                                                                                                                                                                                   |
|            | 10:00 - 10:30 | 0.50  | RURD | a        | OBJECT | RU SWIVEL                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|            | 10:30 - 14:00 | 3.50  | COUT | a        | CLEAN  | C/O TO CIBP S/A 3760'                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|            | 14:00 - 05:30 | 15.50 | BLOW | a        | CLEAN  | BLOW WELL TO PIT TO C/U<br>1600 HRS - BLOWING 2 & 1 W/ 4 BPH MIST, 500 PSI - RECOVERING 8-10 BPH AND 1/4 GAL PER 5 GALS / SAND<br>0500 HRS - BLOWING 2 & 1 W/ 4 BPH MIST, 560 PSI - RECOVERING 6-8 BPH AND 1 CUP PER 5 GALS / SAND                                                                                                                                                                                                                    |
| 04/17/2003 | 05:30 - 06:30 | 1.00  | MIMO | a        | PREWRK | CREW TRAVEL                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|            | 06:30 - 07:00 | 0.50  | SAFE | a        | PREWRK | HSM W/ 4 CREW, AIR HAND, AND BR CONSULTANT, BOP FUNCTIONS TEST - OK                                                                                                                                                                                                                                                                                                                                                                                   |
|            | 07:00 - 07:30 | 0.50  | RURD | a        | OBJECT | RU/ SWIVEL                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|            | 07:30 - 10:30 | 3.00  | MILL | a        | OBJECT | M/O CIBP S/A 3760' W/ 1700 CFM/ AIR, AND 14 BPH / MIST                                                                                                                                                                                                                                                                                                                                                                                                |
|            | 10:30 - 12:00 | 1.50  | COUT | a        | CLEAN  | C/O TO PBTD                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|            | 12:00 - 05:30 | 17.50 | BLOW | a        | CLEAN  | BLOW WELL TO PIT TO C/U<br>1200- 1500 BLOWING WELL TO PIT, RETURNING MED SAND AND APPROX 6 BPH WATER<br>1500- 1700 BLOWING WELL TO PIT, RETURNING LIGHT SAND AND APPROX 5 BPH WATER<br>1700- 2000 BLOWING WELL TO PIT, RETURNING V/ LIGHT SAND AND APPROX 4 BPH WATER<br>2000-0530 BLOWING WELL TO PIT, RETURNING TRACE SAND AND APPROX 2 BPH WATER                                                                                                   |
|            |               |       |      |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 04/18/2003 | 05:30 - 06:30 | 1.00  | MIMO | a        | PREWRK | CREW TRAVEL                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|            | 06:30 - 07:00 | 0.50  | SAFE | a        | PREWRK | HSM W/ 4 CREW, AIR HAND, TOOL PUSHER, AND BR CONSULTANT - BR SAFETY MEETING                                                                                                                                                                                                                                                                                                                                                                           |
|            |               |       |      |          |        | BOP FUNCTION TEST- OK                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|            | 07:00 - 09:00 | 2.00  | TRIP | a        | OBJECT | TOOH L/D COLLARS                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|            | 09:00 - 11:00 | 2.00  | TRIP | a        | OBJECT | TIH ( BROACHING AS RUN ) LAND WELL 153 TOTAL JTS 2 3/8",                                                                                                                                                                                                                                                                                                                                                                                              |

## BURLINGTON RESOURCES O &amp; G CO

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## Operations Summary Report

Legal Well Name: LACKEY A #2 ST  
 Common Well Name: LACKEY A #2 ST  
 Event Name: CAP WORKOVER  
 Contractor Name: DRAKE WELL SERVICE  
 Rig Name: DRAKE

Start: 04/10/2003 Spud Date: 04/26/1952  
 Rig Release: 04/17/2003 End: 04/17/2003  
 Rig Number: 27 Group:

| Date       | From - To     | Hours | Code | Sub Code | Phase  | Description of Operations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------|---------------|-------|------|----------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 04/18/2003 | 09:00 - 11:00 | 2.00  | TRIP | a        | OBJECT | J-55, 4.7# EUE 8 RD TBG IN WELL, SN/SA-4822', EOT - 4823' ,BROACHED , MIN ID- 1.780", W/H PREPED AND SEAL SLEEVE INSTALLED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|            | 11:00 - 11:30 | 0.50  | PUMP | a        | OBJECT | PUMP OUT PLUG PITOT CSG- 16 OZ ON 2"(615 MCF ) PITOT TBG -- 1 OZ ON 2" (158 MCF)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|            | 11:30 - 12:30 | 1.00  | NUND | a        | OBJECT | ND/BOP, NU/WH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|            | 12:30 - 14:00 | 1.50  | RURD | a        | RDMO   | RDMO TO LACKEY A 3A<br>WELL SUMMARY AS FOLLOWS;<br>RR TO LOC, MIRU/ SU AND EQUIP, BWD, ND/WH, NU/BOP, TOOH W/ TBG ( APPEARS TO BE IN GOOD SHAPE W/ LIGHT SCALE )<br>PU/MU/TALLY/ TIH W 4 1/2" CIBP, SET CIBP, CIBP DID NOT SET, TOOH L/D CIBP, ( TOP SLIPS MISSING ) . TIH & SET 4 1/2" CIBP, LOAD HOLE,TOH 5JTS PU/MU 7" PKR, TIH SET PKR, PRESS TEST TO 3000 PSI ( HELD ) RLSE PKR, SPOT 500 GALS / 15 % D/I HCL, TOOH L/D PKR, TOOH S/B TBG, PERF, TIH 5 JTS SET PKR, INST CAMERON / MAN, FLANGE UP, BD/INJ RATE READY FOR FRAC.RU/ DS, BREAK DOWN CHACRA FORMATION, FRAC 20# LINEAR 75 Q N2 FOAM AND 200,000 # 20 / 40 BRADY/ RD/DS, FWB ( BATTERIES WERE STOLEN OUT OF MAXI LIGHT AND SAND CHIEF OVER WEEK END ). ND/CAMERON MANDREL AND RLSE PKR, TOOH L/D PKR, PU/MU/ TIH W/ 3 7/8" MILL, COLLARS, AND TBG , TAG UP, ( 180' FILL ) C/O TO CIBP S/A 3760', BLOW WELL TO PIT TO C/U.HSM, TOOH L/D COLLARS, TIH ( BROACHING AS RUN ) LAND WELL, PUMP OFF PLUG, ND/BOP, NU/WH, RDMO TO LACKEY A 3A<br>153 TOTAL JTS 2 3/8" J-55 4.7# EUE 8 RD TBG IN WELL SN/SA-4822' EOT- 4823'<br>TBG IS BROACHED MIN ID- 1.780"<br>W/H PREPED AND SEAL SLEEVE INSTALLED<br>LEASE OPERATOR NOTIFIED WELL IS READY FOR PRODUCTION<br>DIRT CONTRACTOR NOTIFIED FOR REHAB<br>CREW PICKED UP 3/4 TRASH CAGE FULL OF TRASH ON ROAD TO LOACATION |