

New Mexico  
Energy Minerals and Natural Resources Department

Form C-140

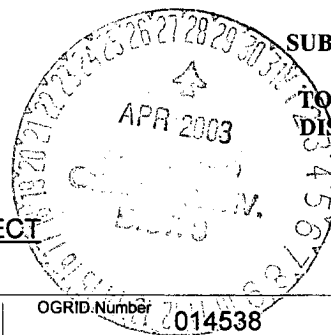
Revised 06/99

**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

APPLICATION FOR  
WELL WORKOVER PROJECT

SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO APPROPRIATE  
DISTRICT OFFICE



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>Peggy Cole  |               |                  |               |                          | Phone<br>505/326-9700     |                          |  |
| Property Name<br>MCCLANAHAN  |               |                  |               | Well Number<br>21        |                           | API Number<br>3004525362 |  |
| UL<br>B  | Section<br>13 | Township<br>28 N | Range<br>10 W | Feet From The<br>980 FNL | Feet From The<br>1610 FEL | County<br>SAN JUAN       |  |

II. Workover

|                                     |   |
|-------------------------------------|---|
| Date Workover Commenced<br>4-18-02  | Previous Producing Pool(s) (Prior to Workover):<br>OTERO CHACRA (GAS)      BASIN FRUITLAND COAL (GAS) |
| Date Workover Completed:<br>5-23-02 |   |

- 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> )   |  |                        |
| County of <u>San Juan</u> ) ss.  |  |                        |
| <u>Peggy Cole</u> , 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<br><u>Peggy Cole</u>   | Title<br><u>Regulatory Administrator</u> | Date<br><u>4-24-03</u> |
| SUBSCRIBED AND SWORN TO before me this <u>24</u> day of <u>April</u> , <u>2003</u> .   |  |                        |
| My Commission expires: <u>September 15, 2004</u>   |  |                        |
| Notary Public<br><u>Tamatha Winsatt</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 5-23, 2002.

|   |                                  |                          |
|---|----------------------------------|--------------------------|
| Signature District Supervisor<br><u>Charlie T. Kern</u> | OCD District<br><u>AZTEC III</u> | Date<br><u>4-29-2003</u> |
|---|----------------------------------|--------------------------|

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

MCCLANAHAN 21

3004525362

82329

71629

| REG | DTL | DT        | GAS_PROD | GAS_PROD |
|-----|-----|-----------|----------|----------|
|     |     | 01-May-01 | 708      |          |
|     |     | 01-Jun-01 | 612      |          |
|     |     | 01-Jul-01 | 724      |          |
|     |     | 01-Aug-01 | 701      |          |
|     |     | 01-Sep-01 | 667      |          |
|     |     | 01-Oct-01 | 667      |          |
|     |     | 01-Nov-01 | 605      |          |
|     |     | 01-Dec-01 | 615      |          |
|     |     | 01-Jan-02 | 647      |          |
|     |     | 01-Feb-02 | 624      |          |
|     |     | 01-Mar-02 | 680      |          |
|     |     | 01-Apr-02 | 335      |          |
|     |     | 01-May-02 | 320      | 320      |
|     |     | 01-Jun-02 | 920      | 920      |
|     |     | 01-Jul-02 | 1164     | 1164     |
|     |     | 01-Aug-02 | 1209     | 1209     |

## Operations Summary Report

Legal Well Name: MCCLANAHAN #21  
 Common Well Name: MCCLANAHAN #21  
 Event Name: CAP WORKOVER  
 Contractor Name: TJR WELL SERVICE  
 Rig Name: TJR

Spud Date: 9/25/2002  
 Start: 9/20/2002  
 End: 9/25/2002  
 Rig Release: 9/25/2002  
 Group:  
 Rig Number: 3

| Date      | From - To     | Hours | Code | Sub Code | Phase  | Description of Operations  |
|-----------|---------------|-------|------|----------|--------|--|
| 4/18/2002 | 11:00 - 11:30 | 0.50  | NUND | a        | OBJECT | ND WELL HEAD, NU FRAC VALVE 10,000# NU THREE RIVERS PUMP 4 BBLS KCL AHEAD, TIH W/ SLICKLINE GUAGE RING TO 3060', 21' BELOW BOTTOM PERF @ 3039' TOOH, TIH W/ TBG PLUG SET @ 2890', LOAD & TEST CSG TO 5400#. PULL PLUG ND THREE RIVERS, RD COBRA SLICKLINE.   |
| 5/2/2002  | 12:30 - 17:30 | 5.00  | PERF | a        | OBJECT | MIRU BLUEJET W/L, & SCHLUMBERGER P-TRUCK, RUN CCL, GR LOGS FROM 2300' - 1700', CORRELATE TO OH LOGS, SET 2 7/8" HALIB. COMP-PLG @ 1970', POH, LD SET TOOL. RU SCHLUMBERG PUMP TRUCK, LOAD, TST 2 7/8" COMP-PLUG @ 5400 PSI. RELEASE PSI, RD P-TRUCK. PERF FRC PAY 4 INTERVALS, 2 SPF, 22' PAY, 44 HOLES; 1796' - 1916' W/ 1 11/16" STRIP GUN, SIW, RD W/L, MO. WAIT ON FRAC EQUIP. |
| 5/18/2002 | 06:00 - 07:00 | 1.00  | MIMO | a        | OBJECT | ROAD TO LOCATION.  |
|           | 07:00 - 07:30 | 0.50  | SAFE | a        | OBJECT | SAFETY MEETING W/ 2-COIL TBG HNADS, 1-MOTOR HAND, 2-DRIVERS, 1-PUMP OPERATOR, (TOPIC SAFETY EQUIPMENT)   |
|           | 07:30 - 08:00 | 0.50  | BLOW | a        | OBJECT | BLOW WELL DOWN 200#  |
|           | 08:00 - 16:00 | 8.00  | MILL | a        | OBJECT | TIH TAG @ 1932' COIL TBG MEASUREMENT, ADJUST WATER AIR RATE 12 GAL PM, 330 CFM AIR, MILL SPINNING, RETURNS SMALL AMOUNT OF COAL FINES, FORMATION, NO METAL. SET 1000# COIL WEIGHT ON PBT. CONTINUE MILLING, TOOH MILL SHOWING WEAR ON BOTTOM SURFACE,  |
|           | 16:00 - 17:00 | 1.00  | COUT | a        | OBJECT | TIH W/ CHISEL CLEANOUT TOOL TAG @ 1954', 2-1/4 MILL TAGGING @ 1932, TRY TO BREAK UP PLUG NO LUCK, STARTED TO GET FOAM FRAC WATER BACK IN RETURNS, NO CUTTINGS IN RETURNS, TOOH SWSD. (PLAN ON TAGGING PBT W/ SLICKLINE MONDAY AM W/ 2-1/4 GUAGE RING & 1-1/4 OD C/O TOOL, ALSO SANJEL INSTALLING NEW WHEEL IN COUNTER THEN CHECK COUNTER.)   |
| 5/21/2002 | 06:00 - 07:00 | 1.00  | MIMO | a        | OBJECT | ROAD TO LOCATION   |
|           | 07:30 - 08:00 | 0.50  | SAFE | a        | OBJECT | SAFETY MEETING W/ PUMP OPERATOR 3 COIL TBG HANDS MOTOR HAND, SUPERVISOR. TOPIC (BLOWING DOWN C SG.)  |
|           | 08:00 - 08:30 | 0.50  | WIRE | a        | OBJECT | RU COBRA SLICKLINE, TIH W/ 2-1/4 OD GUAGE RING, TAG @ 1968' COMPOSITE @ 1970 WIRE LINE MEASUREMENT.  |
|           | 08:30 - 11:00 | 2.50  | COUT | a        | OBJECT | TIH W/ CHISEL. DRIVE DOWN SHOT DEBREE ATTEMPT TO BRK UP. TOOH. SOME METAL & FORMATION CUTTINGS, NO STEEL   |
|           | 11:00 - 15:00 | 4.00  | MILL | a        | OBJECT | TIH W/ 2-1/4 MILL. ADJUST WATER-AIR RATE, START MILLING, MILL FOR 2 HRS STILL SPINNING SOME CUTTINGS MOSTLY COAL FROLM FROM ABOVE. TOOH  |
|           | 15:00 - 17:00 | 2.00  | MILL | a        | OBJECT | TOOH, TIH W/ 2-1/4 SHOE, MILL W/ SHOE CUT 1', MILL STARTED SPINNING, PU 10' DEBREE FOLLOW MILL UP HOLE, PUSH BACK DOWN ON TOP OF PLUG, START SPINNING AGAIN, RETURNS FORMATION CUTTINGS SOME FINE METAL. TOOH SWSD.  |
| 5/22/2002 | 06:00 - 07:00 | 1.00  | MIMO | a        | OBJECT | ROAD TO LOCATION.  |
|           | 07:00 - 07:30 | 0.50  | SAFE | a        | OBJECT | SAFETY MEETING W/ 3 COIL TBG, 4 AMERICAN ENERGY, 2 DRIVERS, MOTOR HAND, SUPERVISOR, TOPIC (DISCUSS N2 NU & SAFETY PROCEDURES)  |
|           | 07:30 - 09:30 | 2.00  | RURD | a        | OBJECT | LEAKS IN MANIFOLD SYSTEM COIL TBG UNIT, CHANGE OUT UNIT, REPAIR LEAKS IN NEW UNIT,   |
|           | 09:30 - 11:30 | 2.00  | COUT | a        | OBJECT | TIH OPEN ENDED TAG @ 1984', SOLID. CIRC W/ N2, TRY TO CLEAN UP DEBREE.   |
|           | 11:30 - 15:30 | 4.00  | MILL | a        | OBJECT | PU MILL & MOTOR TIH TAG @ 1984' ADJUST WATER & N2, START MILLING RETURNS COMPOSITE & FIBERGLASS, STOP GETTING CUTTINGS IN RETURNS TOOH, MILL EDGES ROLLED IN, MILL   |

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| Date      | From - To     | Hours | Code | Sub Code | Phase  | Description of Operations   |
|-----------|---------------|-------|------|----------|--------|---|
| 5/22/2002 | 11:30 - 15:30 | 4.00  | MILL | a        | OBJECT | SPINNING.   |
|           | 15:30 - 19:00 | 3.50  | MILL | a        | OBJECT | TIH W/ NEW MILL START MILLING, MILL UNTIL 1830 HRS, NO CUTTINGS, TOO H MILL BEGINING TO ROLL EDGES IN, TRIED RUNNING MILL BY FEATERING ALSO STACKING OUT, UNABLE TO STALL MILL. TOO H SWSD. RELEASE NITRGEN PUMP. |
| 5/23/2002 | 06:00 - 07:00 | 1.00  | MIMO | a        | OBJECT | ROAD TO LOCATION.   |
|           | 07:00 - 07:30 | 0.50  | SAFE | a        | OBJECT | SAFETY MEETING W/ PUMP OPERATOR, MOTOR HAND, 2 COIL TBG HANDS, SUPERVISOR, 2-TRUCK DRIVERS TOPIC (PROPER MANKFOLD CONNECTIONS)  |
|           | 07:30 - 11:00 | 3.50  | BLOW | a        | OBJECT | TIH W/ C/O TOOL, BLOW WELL FROM 1984 3 TO 4 BPH, NO SAND,   |
|           | 11:00 - 11:30 | 0.50  | RURD | a        | OBJECT | RELEASE PUMP TRUCK, WATER HAULERS, MOTOR HAND, ND UNITS, RIG DOWN COIL TBG UNIT, RELEASE 12:00 HRS, 5/22/2002 MOVE TO ANGEL PEAK B#15   |