

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 CAIN COM				Well Number 12E		API Number 3004523955	
UL	Section	Township	Range	Feet From The	Feet From The	County	
O	16	28 N	10 W	820 FSL	1840 FEL	SAN JUAN	

II. Workover

Date Workover Commence 7/24/2003	Previous Producing Pool(s) (Prior to Workover): BASIN DAKOTA OTERO CHACRA (GAS)
Date Workover Completed: 7/30/2003	

- 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>)		
County of <u>San Juan</u>) ss.		
<u>Leslie D. White</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 <u>Leslie D. White</u>	Title <u>Sr. Accountant</u>	Date <u>4/1/04</u>
SUBSCRIBED AND SWORN TO before me this <u>1</u> day of <u>April</u> , <u>2004</u> .		
My Commission expires:		Notary Public
<u>September 15, 2004</u>		<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 7/30/03.

Signature District Supervisor <u>SSS</u>	OCD District <u>3</u>	Date <u>4/2/04</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

CAIN COM

12E

3004523955

REG_DTL_D	BASIN DAKOTA	OTERO CHACRA (GAS)
7/1/2002	1911	931
8/1/2002	1887	908
9/1/2002	2152	1180
10/1/2002	2029	1125
11/1/2002	1765	1259
12/1/2002	2027	1342
1/1/2003	1673	1896
2/1/2003	1147	1445
3/1/2003	2002	1437
4/1/2003	1874	1315
5/1/2003	1864	1274
6/1/2003	1587	989
7/1/2003	1559	1320
8/1/2003	1199	1198
9/1/2003	2574	2574
10/1/2003	2476	2476

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Operations Summary Report

Legal Well Name: CAIN COM #12E
 Common Well Name: CAIN COM #12E
 Event Name: FACILITIES
 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

Start: 07/24/2003
 Rig Release: 07/30/2003
 Rig Number: 560

Spud Date: 04/01/1980
 End: 07/30/2003
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
07/25/2003	14:00 - 15:30	1.50	WAIT	a	MIRU	W/O M&R TRUCKING T/MOVE RIG, "THEY TOOK ON MORE WORK THAN THEY COULD HANDLE"
	15:30 - 16:30	1.00	MIMO	a	MIRU	MOVE RIG & EQUIPMENT F/CALVIN #1 T/CAIN COM #12E VIA M&R TRUCKING
	16:30 - 19:00	2.50	MIMO	a	MIRU	SCOPE UP DERRICK, SPOT IN PMP/PIT, CATWALK, FRAC TANK, TBG TRAILERS, ACCUMULATOR, POWER SWIVAL SKID & SWAP OUT & R/U GROUND AIR PKG, SDFN
07/26/2003	06:00 - 07:15	1.25	SRIG	a	OBJECT	ROAD RIG CREW T/LOC, START, WARM UP & SERVICE RIG
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING: N/D DUAL X-TREE & N/U BOP & OFFSET SPOOL SAFELY
	07:30 - 10:00	2.50	RURD	a	OBJECT	CHACRA SITP: 190 PSI, CHACRA SICP: 200 PSI, DAK SITP: 110 PSI, SIBHP: 0 PSI, ENLARGE BLOW PIT W/DOZER, LAY BLOOE LINE
	10:00 - 10:45	0.75	BLOW	a	OBJECT	BLOW DN LONG & SHORT STRINGS T/PIT, WELL DEAD
	10:45 - 11:45	1.00	NUND	a	OBJECT	N/D DUAL X-TREE, N/U 7.0625" X 3000 PSI BOP STACK, 7.0625" X 3.00' OFFSET SPOOL & STRIPPING HEAD, INSTALL 1.50" OFFSET PIPE RAMS & BLIND RAMS, BACKOUT LOCKING PINS, LOWER RIG FLOOR, P/U 1.50" TOOLS, TST PIPE RAMS & WELD ON ACCUMULATOR HYDRAULIC OIL RESERVOIR CRACKED & LEAKED 2-GALS HYDRAULIC OIL, CLEANED UP SOILED DIRT
	11:45 - 14:30	2.75	WAIT	a	OBJECT	RIG DN ACCUMULATOR, W/O NEW ACCUMULATOR, R/U & TST NEW ACCUMULATOR
	14:30 - 15:30	1.00	PULD	a	OBJECT	TOH, L/D 40-JTS 1.50"-2.7#-IJ SHORT TRIP TBG, SLIP GRIP ELEVATORS PULLING THRU IJ COLLAR
	15:30 - 17:15	1.75	WAIT	a	OBJECT	W/O SLIPGRIP ELEVATORS F/TOTAH RENTALS, IJ TBG STILL PULLING THRU ELEVATORS, W/O ANOTHER SET OF ELEVATORS, REBUILD ELEVATORS W/NEW TOP PLATE
	17:15 - 18:00	0.75	PULD	a	OBJECT	FINISH TOH, L/D 1.50"-2.7#-IJ SHORT STRING TBG, L/D 100-JTS TOTAL
	18:00 - 18:30	0.50	NUND	a	OBJECT	N/D OFFSET SPOOL, N/U FLOW TEE & INSTALL CENTER BORE 1.5" RAMS
	18:30 - 19:00	0.50	PCKR	a	OBJECT	P/U & RELEASE 5.5" BAKER R-3 DOUBLE GRIP PROD PKR @ 3291', SET SLIPS, CLOSE PIPE RAMS, S.I. WELL, SDFW
						PREP T/L/D 1.50" 10RD EUE LONG STRING TBG & 5.5" R-3 PROD PKR 7/28/2003
07/29/2003	06:00 - 07:15	1.25	SRIG	a	OBJECT	ROAD RIG CREW T/LOC, START, WARM UP & SERVICE RIG
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING: C/O DRL LINE SAFELY
	07:30 - 13:00	5.50	RRSR	a	OBJECT	C/O DRAWWORKS DRL LINE, OLD DRL LINE FRAYED
07/30/2003						**NOTE** CHARGED 6-HRS RIG TIME T/C/O DRL LINE T/AZTEC WELL SERVICE
	13:00 - 17:30	4.50	PULD	a	OBJECT	TOH, L/D 102-JTS 1/50"-2.9#-J-55-10RD EUE LONG STRING TBG, 5.5" R-3 DOUBLE GRIP PROD PKR & 101-JTS 1.50"-2.9# TAILPIPE
	17:30 - 18:30	1.00	TRIP	a	OBJECT	P/U STRAP, RABBIT & RIH W/4.75" 4-BLADE MILL, 3.125" BIT SUB W/FLOAT & 50-JTS 2.375" TBG, S.I. WELL, SDFN
	06:00 - 07:00	1.00	SAFE	a	OBJECT	AZTEC WELL SERVICE MONTHLY SAFETY MEETING HELD AT THE COUNTRY CLUB AT FARMINGTON FOR BR RIGS
	07:00 - 08:30	1.50	SRIG	a	OBJECT	CREW TRAVEL FROM SAFETY MEETING TO LOCATION, SERVICE RIG, START & WARM-UP MOTORS, SITP= 0#, SICP= 200#, BLOW WELL DOWN,
	08:30 - 18:30	10.00	TRIP	a	OBJECT	JHA, FIN TIH PICKING-UP, SLM & RABBIT NEW STRING OF 2 3/8" , 4.70#, J-55, EUE 8 ROUND TBG W/ 4 3/4" MILL ON BTM, TAG FILL AT 6629', (40' OF FILL), UNLOADED WELL W/ 113 JTS TBG RUN, CIRC W/ 1400 CFM AIR / 12 BPH FOAMED H2O MIST, CLEAN-OUT FROM

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07/30/2003	08:30 - 18:30	10.00	TRIP	a	OBJECT	6629' TO 6659' WASHING DOWN, P/U POWER SWIVEL @ 6659' & FIN CLEAN-OUT TO PBTD @ 6669', CIRC CLEAN AT PBTD, PULL 6 STANDS TO GET MILL ABOVE DAKOTA PERFS, SECURE WELL, SHUT-IN, SDFN
07/31/2003	06:00 - 07:30	1.50	SRIG	a	OBJECT	CREW TRAVEL TO LOCATION, SERVICE RIG, START & WARM-UP MOTORS, JHA, SICP= 200#, BLOW WELL DOWN
	07:30 - 12:30	5.00	COUT	a	OBJECT	RIH W/ MILL & TBG FROM ABOVE DAKOTA PERFS, TAG FILL @ 6649', CIRC W/ 1400 CFM AIR / 12 BPH FOAMED 2% KCL WATER MIST, CLEAN-OUT 20' TO PBTD @ 6669', CIRC & PUMP FOAM H2O SWEEPS TO CLEAN-UP, RETURNS HAVE HVY FRAC SAND IN IT, CIRC CLEAN
	12:30 - 17:00	4.50	TRIP	a	OBJECT	TOH TBG, L/D MILLS & X-OVER SUBS, M/U 2 3/8" EUE EXPENDABLE CHECK & SEATING NIPPLE, 1 JT 2 3/8", 4.70#, J-55, EUE 8 RD TBG, 1 X 2.04' TBG PUP & 209 JTS 2 3/8" PROD TBG FOR TOTAL OF 210 FULL JTS TBG IN HOLE, TBG LANDED @6557.52', KBM', 7 JTS LEFT OUT, TRANSFER TO THE NEXT WELL W/ RIG MOVE, ALL OLD TBG PULLED WAS SENT BACK TO BR W/ M&R TRUCKING 7/30/2003
	17:00 - 19:30	2.50	NUND	a	OBJECT	N/D BOP'S, N/U WELLHEAD, PUMP OFF EXPENDABLE CHECK & CIRC WELL, OK, RDSU & PREP FOR RIG MOVE IN MORNING TO THE MCCLANAHAN # 17-E