

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

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				Well Number 7		API Number 3004507639	
UL P	Section 31	Township 29 N	Range 9 W	Feet From The 990 FSL	Feet From The 1190 FEL	County SAN JUAN	

II. Workover

Date Workover Commence 6/13/2003	Previous Producing Pool(s) (Prior to Workover): AZTEC PICTURED CLIFFS (GAS)
Date Workover Completed: 6/16/2003	

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>1st</u> day of <u>April</u> , <u>2004</u>		
My Commission expires: <u>September 15, 2004</u>		Notary Public <u>Nancy Oltmann</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 6/16/03.

Signature District Supervisor <u>JS</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:

REG_DTL_D	AZTEC PICTURED CLIFFS (GAS)
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6/1/2002	801
7/1/2002	846
8/1/2002	832
9/1/2002	860
10/1/2002	832
11/1/2002	786
12/1/2002	798
1/1/2003	768
2/1/2003	579
3/1/2003	994
4/1/2003	872
5/1/2003	893
6/1/2003	286
7/1/2003	2186
8/1/2003	3234
9/1/2003	2725

## BURLINGTON RESOURCES DIVISIONS

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## Operations Summary Report

Legal Well Name: CAIN #7  
 Common Well Name: CAIN #7  
 Event Name: CAP WORKOVER  
 Contractor Name: AZTEC WELL SERVICE  
 Rig Name: AZTEC

Start: 06/13/2003  
 Rig Release: 06/14/2003  
 Rig Number: 485

Spud Date: 04/15/1959  
 End: 06/16/2003  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
06/14/2003	11:30 - 12:30	1.00	MIMO	a	OBJECT	ROAD RIG TO LOCATION.
	12:30 - 13:30	1.00	RURD	a	OBJECT	RIG UP AZTEC 485, CHANGE OUT CLOSING UNIT.
	13:30 - 16:30	3.00	MIMO	a	OBJECT	MOVE IN PUMP, TANK, CAT WALK, 400 BBL TANK, & AIR PACKAGE.
	16:30 - 18:30	2.00	FLOW	a	OBJECT	SHUT IN TBG PRESS - 160 PSI, SHUT IN CSG PRESS - 160 PSI, BRAIDEN HEAD PRESS - 0 PSI W/ SLIGHT DRIP OF WTR. NIPPLE UP FLOW LINE, ATTEMPT TO BLOW WELL DOWN, FLOWING GAS & CONDENSATE. WOULD NOT BLOW DOWN. RELEASE RIG CREW, TURN OVER TO FLOW CREW.
06/15/2003	06:00 - 06:30	0.50	MIMO	a	OBJECT	CREW TRAVEL TO LOCATION.
	06:30 - 06:45	0.25	SRIG	a	OBJECT	START & SERV RIG.
	06:45 - 07:00	0.25	SAFE	a	OBJECT	SAFETY MEETING. 4 AZTEC WELL SERV, 1 ENERGY AIR - TOPIC - KEEP MIND ON JOB.
	07:00 - 07:15	0.25	KILL	a	OBJECT	KILL WELL W/ 20 BLS 2% KCL.
	07:15 - 08:00	0.75	PULD	a	OBJECT	LAY DOWN 85 JTS 1" 1.7# J-55 TBG.
	08:00 - 09:00	1.00	NUND	a	OBJECT	CHANGE PIPE RAMS, SLIP DIES, TONG DIES & ELEVATORS TO 2-3/8".
	09:00 - 10:00	1.00	PULD	a	OBJECT	STRAP, DRIFT & PICK UP ARROW 4-1/2" RBP & JTS 2-3/8" 4.7# J-55 8rd EUE TBG.
	10:00 - 11:30	1.50	TEST	a	OBJECT	ROLL HOLE W/ 34 BBLs 2% KCL, RIG UP THREE RIVERS, TEST CSG W/ 3,000 PSI, 30 MIN TEST - OK. NO INCREASE IN BRAIDEN HEAD WTR DRIP. RIG DOWN THREE RIVERS, RELEASE RBP.
	11:30 - 13:00	1.50	PULD	a	OBJECT	LAY DOWN 66 JTS 2-3/8" J-55 8rd EUE TBG & ARROW 4-1/2" RBP.
	13:00 - 14:30	1.50	NUND	a	OBJECT	RIG DOWN FLOOR, NIPPLE DOWN BOP, NIPPLE DOWN WELL HEAD, NIPPLE UP 5,000# FRAC VALVE.
06/26/2003	14:30 - 16:00	1.50	RURD	a	OBJECT	RIG DOWN AZTEC 485. RELEASE RIG @ 16:00 HRS 6/14/2003.
						NOTE: TRANSFER 67 JTS 2-3/8" 4.7# J-55 8rd EUE TBG TO BR STOCK.
						TRANSFER 80 JTS 1" 1.7# TBG TO BR STOCK.
	12:00 - 13:00	1.00	RURD	a	OBJECT	SPOT & R/U SCHLUMBERGER DOWELL,
	13:00 - 13:30	0.50	SAFE	a	OBJECT	SAFETY MEETING W/ 21 PEOPLE ON LOCATION, DISCUSS EMERGENCY PROCEDURE, ASSIGN WORK STATIONS,
	13:30 - 14:30	1.00	FRAC	a	OBJECT	FRAC, NO BRK DOWN START OUT W/ 10.8 FLUID RATE, 11,097 N2 RATE 1236 PSI, 35.5 BPM D/H, 1 PPG SAND STG 12 BPM FLUID, 1318 PSI 38.5 BPM, 11, 107 N2 RATE, 3 PPG STG, 15.1 BPM FLUID, 11,107 N2 RT, 4 PPG, 11,107 N2 RT, 40 BPM, 17 BPM FLUID, FLUS W/ 13 FLUID BBLs, ISIP 1112, PUMPED 100,000# 20/40 ARIZONA @ 1 TO 4 PPG SAND CONC 247,800 SCF N2, MAX PSI 1506, AVG 1428, MIN 1067, MAX PSI 35, MIN 32, AVG 35, SHUT WELL IN R/D DOWELL RELEASE,
	14:30 - 15:00	0.50	RURD	a	OBJECT	RIG DOWN TIME
	15:00 - 06:00	15.00	FLOW	a	OBJECT	TIME ——— CHOKE ——— PSI ——— SAND ——— FLUID 1500 ——— 8/64 ——— 660 ——— N,S ——— H,N2 1700 ——— 14/64 ——— 550 ——— N,S ——— H,N2 2000 ——— 16/64 ——— 310 ——— N,S ——— H,M 0500 ——— 18/64 ——— 115 ——— N,S ——— M,M CONTINUE FLOW BACK-
06/27/2003	06:00 - 06:00	24.00	FLOW	a	OBJECT	TIME ——— CHOKE ——— PSI ——— SAND ——— FLUID 0600 ——— 18/64 ——— 115 ——— N,S ——— 4-5, BPH 1800 ——— 32/64 ——— 100 ——— N,S ——— 4-5, BPH 0600 ——— 48/64 ——— 33 ——— N,S ——— 4-5 BPH CONTINUE FLOW BACK

# BURLINGTON RESOURCES DIVISIONS

## Operations Summary Report

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Legal Well Name: CAIN #7	Spud Date: 04/15/1959
Common Well Name: CAIN #7	
Event Name: CAP WORKOVER	Start: 06/13/2003 End: 06/16/2003
Contractor Name: AZTEC WELL SERVICE	Rig Release: 06/14/2003 Group:
Rig Name: AZTEC	Rig Number: 485

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
06/28/2003	06:00 - 06:00	24.00	FLOW	a	OBJECT	FLOW RATE LAST 17 HRS 12# ON 48/64 DRY GAS, NO SAND APPROX MCF 342, CLOSE WELL IN RELEASE FLOW BACK CREW, WAIT ON C/O UNIT.
07/10/2003	09:00 - 12:00	3.00	NUND	a	OBJECT	MIRU THREE RIVERS P-TRK, KW, ND FRAC VLVE, NU WELLHEAD, LAY 2" LINE TO BLOW PIT. SIW/ WAIT ON CTU PACKAGE.
07/12/2003	07:00 - 06:00	23.00	COUT	a	CLEAN	MIRU SANJEL COIL TBG UNIT, RIH W/ 1 1/4" COIL TBG, CO W/ AIR TO PBTD OF 2161', 10' FILL. PULL CT OUT OF HOLE, FWB NAT 2 HRS, RIH, TAG NO FILL, CO W/ AIR TO PBTD. POH, RDMO SANJEL. FWB TO CLN WELL. 5:00 AM - REC DRY GAS, PITOT @ 372 MCF GAS. SIW/ WAIT ON COMPLETION RIG.
07/16/2003	06:00 - 06:30	0.50	MIMO	a	OBJECT	CREW TRAVEL TO LOCATION.
	06:30 - 06:45	0.25	SRIG	a	OBJECT	SERVICE & START RIG.
	06:45 - 07:00	0.25	SAFE	a	OBJECT	SAFETY MEETING, 4 AZTEC, 1 ENERGY AIR. TOPIC - PINCH POINT.
	07:00 - 07:30	0.50	MIMO	a	OBJECT	ROAD RIG TO LOCATION.
	07:30 - 08:30	1.00	RURD	a	OBJECT	RIG UP AZTEC 485, CHANGE OUT CLOSING UNIT.
	08:30 - 14:00	5.50	MIMO	a	OBJECT	SHUT IN CSG PRESS - 180 PSI, BRAIDEN HEAD PRESS - 0 PSI, NIPPLE UP FLOW LINE, BLED WELL TO PIT, MOVE IN & SPOT EQUIP.
	14:00 - 14:30	0.50	KILL	a	OBJECT	KILL WELL W/ 20 BBLS 2% KCL, STAYED DEAD FOR 15 MIN, FLOW TO PIT.
	14:30 - 15:00	0.50	MIMO	a	OBJECT	MOVE IN TBG, FLOW WELL.
	15:00 - 15:30	0.50	KILL	a	OBJECT	KILL WELL W/ 30 BBLS 2% KCL.
	15:30 - 16:30	1.00	NUND	a	OBJECT	NIPPLE DOWN TREE, NIPPLE UP BOP, RIG UP FLOOR.
	16:30 - 17:30	1.00	PULD	a	OBJECT	STRAP, DRIFT & PICK UP 2-3/8" 8rd EUE SAW TOOTH COLLAR, 2-3/8" X 1.78" ID SEATING NIPPLE, 1 JT 2-3/8" 4.7# J-55 8rd EUE TBG, 2-3/8" X 2' 4.7# J-55 8rd EUE PUP JOINT, & 69 JTS 2-3/8" 4.7# J-55 8rd EUE TBG. TAG PBTD @ 2,161'. LAY DOWN 3 JTS 2-3/8" TBG.
	17:30 - 17:45	0.25	NUND	a	OBJECT	LAND PRODUCTION TBG AS FOLLOWS: 1 - 2-3/8" 8rd EUE SAW TOOTH COLLAR @ 2,136.13' 1 - 2-3/8" X 1.78" ID 8rd EUE SEATING NIPPLE @ 2,134.81' 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 JT @ 2,101.46' 67 - JTS 2-3/8" 4.7# J-55 8rd EUE TBG.
	17:45 - 18:30	0.75	NUND	a	OBJECT	RIG DOWN FLOOR, NIPPLE DOWN BOP, NIPPLE UP TREE. SHUT WELL IN, SECURE LOCATION, SHUT DOWN FOR NIGHT.
07/17/2003	06:00 - 06:30	0.50	MIMO	a	OBJECT	CREW TRAVEL TO LOCATION.
	06:30 - 06:45	0.25	SRIG	a	OBJECT	SERVICE & START RIG.
	06:45 - 07:00	0.25	SAFE	a	OBJECT	SAFETY MEETING, 4 AZTEC, 1 ENERGY AIR. TOPIC - PINCH POINT.
	07:00 - 08:00	1.00	RURD	a	OBJECT	RIG DOWN AZTEC RIG # 485. RELEASE RIG @ 08:00 HRS 7/16/2003.