

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**

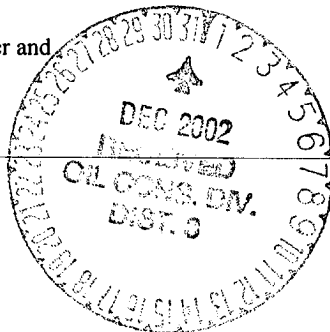
Operator name address <b>Burlington Resources Oil and Gas Co. LPPO Box 4289, Farmington, NM 87499</b>					OGRID Number <b>014538</b>	
Contact Party <b>Peggy Cole</b>					Phone <b>505/326-9700</b>	
Property Name <b>BROOKHAVEN COM B</b>			Well Number <b>3R</b>		API Number <b>3004527605</b>	
UL <b>B</b>	Section <b>16</b>	Township <b>31 N</b>	Range <b>11 W</b>	Feet From The <b>930 FNL</b>	Feet From The <b>1570 FEL</b>	County <b>SAN JUAN</b>

**II. Workover**

Date Workover Commence <b>6/12/2001</b>	Previous Producing Pool(s) (Prior to Workover):  <b>BLANCO MESAVERDE</b>
Date Workover Completed: <b>2/15/2002</b>	

- 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 <u>Peggy Cole</u> Title <u>Regulatory Administrator</u> Date <u>12-27-02</u> SUBSCRIBED AND SWORN TO before me this <u>27</u> day of <u>December</u> , <u>2002</u> .  My Commission expires: <u>September 15, 2004</u> <div style="text-align: right;">Notary Public <u>Tamatha Wimsatt</u></div>		
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**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 02-15, 2002.

Signature District Supervisor <u>Charlie Therman</u>	OCD District <u>ARTEC III</u>	Date <u>01-09-2003</u>
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**VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:**

3004527605 Brookhaven Com B 3R

VERSION_CTL	REG_DTL_DT	GAS_PROD
0	01-Jan-01	7374
0	01-Feb-01	6259
0	01-Mar-01	6886
0	01-Apr-01	6186
0	01-May-01	6137
0	01-Jun-01	1967
0	01-Jul-01	4243
0	01-Aug-01	6095
0	01-Sep-01	6774
0	01-Oct-01	7430
0	01-Nov-01	6945
0	01-Dec-01	6747
0	01-Jan-02	5961
1	01-Feb-01	6259
0	01-Mar-02	6039
0	01-Apr-02	6098
0	01-May-02	6224

## Operations Summary Report

Legal Well Name: BROOKHAVEN COM B #3R

Common Well Name: BROOKHAVEN COM B #3R

Event Name: CAP WORKOVER

Contractor Name: AZTEC WELL SERVICE

Rig Name: AZTEC

Start: 6/12/2001

Rig Release: 2/15/2002

Rig Number: 560

Spud Date: 6/17/1991

End: 2/15/2002

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/13/2001	12:00 - 13:00	1.00	MIMO	a	PREWRK	ROAD RIG TO LOCATION, SPOT RIG.
	13:00 - 14:30	1.50	RURD	a	PREWRK	RU PU AND ASSOCIATED EQUIPMENT.
	14:30 - 15:00	0.50	TEST	a	OBJECT	TEST GAS FROM CSG AND TBG FOR H2S, NO RECORDABLE AMOUNTS OF H2S FOUND.
	15:00 - 15:30	0.50	BLOW	a	OBJECT	170 PSI ON TBG AND CSG, 0 PSI ON BRADENHEAD, BWD TO PIT.
	15:30 - 16:00	0.50	KILL	a	OBJECT	KILL WELL W/ 15 BBLS 2% KCL.
	16:00 - 17:00	1.00	NUND	a	OBJECT	ND WH, NU BOP AND BLOOIE LINE TO PIT.
	17:00 - 18:30	1.50	TRIP	a	OBJECT	TALLY OUT OF HOLE W/ 165 JTS 2 3/8" J-55 TBG.
	18:30 - 19:30	1.00	TRIP	a	OBJECT	PU TIH W/ CIBP, SETTING TOOL AND 135 JTS 2 3/8" J-55 TBG, SET CIBP @ 4200.64'.
	19:30 - 20:15	0.75	PUMP	a	OBJECT	LOAD CSG W/ 140 BBLS 2% KCL, TEST TO 1000 PSI, HELD, SPOT 15 BBLS 10% ACETIC ACID FROM CIBP @ 4200' TO ABOVE TOP LEWIS PERF.
	20:15 - 20:45	0.50	TRIP	a	OBJECT	TOH W/ TBG 39 JTS 2 3/8" J-55 TBG TO LINER TOP @ 3002'.
6/14/2001	20:45 - 21:00	0.25	SHDN	a	OBJECT	SECURED LOCATION, SIW, SDFD.
	07:00 - 07:15	0.25	SRIG	a	PREWRK	SERVICE AND START RIG.
	07:15 - 07:30	0.25	SAFE	a	PREWRK	SAFETY MEETING ON BOP DRILL, RIG CREW AND RIG SUPERVISOR WERE ALL PRESENT.
	07:30 - 08:00	0.50	TRIP	a	OBJECT	TOH W/ 95 JTS 2 3/8" J-55, LD SETTING TOOL FOR CIBP.
	08:00 - 08:30	0.50	NUND	a	OBJECT	ND FLOWTEE AND STRIPPER HEAD, NU ISOLATION TOOL.
	08:30 - 08:45	0.25	RURD	a	OBJECT	RU HALLIBURTON SERVICES
	08:45 - 09:15	0.50	PRES	a	OBJECT	TEST CSG AND CIBP TO 3400 PSI FOR 15 MINUTES, HELD.
	09:15 - 09:30	0.25	RURD	a	OBJECT	RD HALLIBURTON SERVICES, ND ISOLATION TOOL, NU FLOWTEE W/ STRIPPER HEAD.
	09:30 - 09:45	0.25	RURD	a	OBJECT	RU BASIN PERFORATING.
	09:45 - 10:45	1.00	PERF	a	OBJECT	RIH W/ WIRELINE PERFORATE SINGLE STAGE LEWIS @ 3558'-68', 3720'-30', 3776'-86', 3868'-78', 3904'-14', 3960'-70', 3993'-4003', 4060'-70' AND 4138'-48' W/ 1 SHOT PER 2 FEET FOR A TOTAL OF 54 HOLES, POOH W/ WIRELINE.
	10:45 - 11:00	0.25	RURD	a	OBJECT	RD, RELEASED BASIN PERFORATING.
	11:00 - 11:45	0.75	TRIP	a	OBJECT	TIH W/ RBP, PKR AND 137 JTS 2 3/8" J-55 TBG.
	11:45 - 13:30	1.75	STIM	a	OBJECT	BD PERFS @ 4060'-70' & 4138'-48' W/ .76 BPM @ 2576 PSI, PUMPED 412 GALS 10% ACETIC ACID, PUMP IN RATE 5.02 BPM @ 3301 PSI, ISIP542 PSI. BD PERFS @ 3960'-70' & 3993'-4003' W/ .96 BPM @ 1160 PSI, PUMPED 412 GALS 10% ACETIC ACID, PUMP IN RATE 6.10 BPM @ 2845 PSI, ISIP 340 PSI. BD PERFS @ 3868'-78' & 3901'-14' W/ 4.6 BPM @ 1314 PSI, PUMPED 412 GALS 10% ACETIC ACID, PUMP IN RATE 6.89 BPM @ 3025 PSI, ISIP 367 PSI. BD PERFS @ 3720'-30' & 3776'-86' W/ 52 BPM @ 1642 PSI, PUMPED 412 GALS 10% ACETIC ACID, PUMP IN RATE 7 BPM @ 3174 PSI, ISIP 260 PSI. BD PERFS @ 3558'-68' W/ .54 BPM @ 1680 PSI, PUMPED 412 GALS 10% ACETIC ACID, PUMP IN RATE 6.5 BPM @ 3133 PSI, ISIP 435 PSI.
	13:30 - 14:15	0.75	TRIP	a	OBJECT	TOH W/ TBG, LD PKR AND RBP.
	14:15 - 14:45	0.50	NUND	a	OBJECT	ND FLOWTEE AND STRIPPER HEAD, NU ISOLATION TOOL.
	14:45 - 16:00	1.25	RURD	a	OBJECT	MIRU HALLIBURTON SERVICES.
	16:00 - 16:15	0.25	SAFE	a	OBJECT	PRE-FRAC SAFETY MEETING, RIG CREW, HALLIBURTON, FRAC CONSULTANT, PROTECHNIC AND RIG SUPERVISOR WERE ALL PRESENT.
	16:15 - 16:30	0.25	PRES	a	OBJECT	TEST FRAC LINES TO 4400 PSI, HELD.
	16:30 - 17:30	1.00	FRAC	a	OBJECT	FRAC SINGLE STAGE LEWIS W/ 200,000 LBS 20/40 BRADY SAND @ 1 TO 3 PPG W/ 618 BBLS 20# LINEAR GEL AND 1,059,600 SCF

## Operations Summary Report

Legal Well Name: BROOKHAVEN COM B #3R  
 Common Well Name: BROOKHAVEN COM B #3R  
 Event Name: CAP WORKOVER  
 Contractor Name: AZTEC WELL SERVICE  
 Rig Name: AZTEC

Start: 6/12/2001  
 Rig Release: 2/15/2002  
 Rig Number: 560

Spud Date: 6/17/1991  
 End: 2/15/2002  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/14/2001	16:30 - 17:30	1.00	FRAC	a	OBJECT	N2, MAX RATE 41 BPM, MIN RATE 39 BPM, AVG RATE 40 BPM, MAX 2072 PSI, MIN 1600 PSI, AVG 1850 PSI, ISIP 1525 PSI.
	17:30 - 18:00	0.50	RURD	a	OBJECT	RD HALLIBURTON SERVICES, RU FLOWBACK LINE TO PIT.
	18:00 - 20:00	2.00	FLOW	a	OBJECT	OPEN WELL UP ON 10/64" CHOKE @ 1450 PSI, RETURNS MED MIST W/ NO SAND, DECREASING TO 1375 PSI.
	20:00 - 22:00	2.00	FLOW	a	OBJECT	FLOW WELL BACK ON 12/64" CHOKE @ 1375 PSI, RETURNS MED MIST W/ NO SAND, DECREASING TO 1175 PSI.
	22:00 - 23:00	1.00	FLOW	a	OBJECT	FLOW WELL BACK ON 14/64" CHOKE @ 1175 PSI, RETURNS HEAVY MIST W/ HEAVY SAND, CHANGED BACK TO 12/64" CHOKE, INCREASING TO 1200 PSI.
	23:00 - 01:00	2.00	FLOW	a	OBJECT	FLOW WELL BACK ON 12/64" CHOKE @ 1200 PSI, RETURNS HEAVY MIST W/ MED SAND, INCREASING TO 1350 PSI.
	01:00 - 03:00	2.00	FLOW	a	OBJECT	FLOW WELL BACK ON 14/64" CHOKE @ 1350 PSI, RETURNS HEAVY MIST W/ LIGHT SAND, INCREASING TO 1400 PSI.
	03:00 - 06:00	3.00	FLOW	a	OBJECT	FLOW WELL BACK ON 16/64" CHOKE @ 1400 PSI, RETURNS HEAVY MIST W/ NO SAND, DECREASING TO 1200 PSI.
6/15/2001	06:00 - 09:00	3.00	FLOW	a	OBJECT	FLOW WELL BACK ON 18/64" CHOKE @ 1200 PSI, RETURNS HEAVY MIST W/ NO SAND, DECREASING TO 900 PSI.
	09:00 - 12:00	3.00	FLOW	a	OBJECT	FLOW WELL BACK ON 20/64" CHOKE @ 900 PSI, RETURNS HEAVY MIST W/ NO SAND, DECREASING TO 625 PSI.
	12:00 - 15:00	3.00	FLOW	a	OBJECT	FLOW WELL BACK ON 22/64" CHOKE @ 625 PSI, RETURNS HEAVY MIST W/ NO SAND, DECREASING TO 550 PSI.
	15:00 - 18:00	3.00	FLOW	a	OBJECT	FLOW WELL BACK ON 24/64" CHOKE @ 550 PSI, RETURNS LIGHT MIST W/ NO SAND, DECREASING TO 400 PSI.
	18:00 - 21:00	3.00	FLOW	a	OBJECT	FLOW WELL BACK ON 32/64" CHOKE @ 400 PSI, RETURNS LIGHT MIST W/ NO SAND, DECREASING TO 200 PSI.
	21:00 - 04:00	7.00	FLOW	a	OBJECT	FLOW WELL BACK ON 48/64" CHOKE @ 200 PSI, RETURNS LIGHT MIST W/ NO SAND, DECREASING TO 10 PSI.
	04:00 - 06:00	2.00	FLOW	a	OBJECT	FLOW WELL BACK ON 2" CHOKE @ 10 PSI, RETURNS LIGHT MIST W/ NO SAND, DECREASING TO 2 PSI.
6/16/2001	06:00 - 07:00	1.00	FLOW	a	OBJECT	FLOW WELL BACK ON 2" CHOKE @ 2 PSI, RETURNS LIGHT MIST W/ NO SAND.
	07:00 - 07:15	0.25	SRIG	a	OBJECT	SERVICE AND START RIG.
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING ON PULLING ISOLATION TOOL, RIG CREW AND RIG SUPERVISOR WERE ALL PRESENT.
	07:30 - 08:00	0.50	NUND	a	OBJECT	ND ISOLATION TOOL, NU FLOWTEE, STRIPPER HEAD AND BLOOIE LINE.
	08:00 - 08:45	0.75	TRIP	a	OBJECT	PU TIH W/ FIVE POINT JUNK MILL, BIT SUB AND 131 JTS 2 3/8" J-55 TBG, TAGGED FILL @ 4077', 123' OF FILL ON CIBP @ 4200'.
	08:45 - 09:30	0.75	CIRC	a	OBJECT	CIRC W/ AIR MIST 12 BPH, RETURNS 12 B PH AIR MIST, 6-7 BPH FRAC FLUID W/ MED SAND.
	09:30 - 14:30	5.00	COUT	a	OBJECT	COUT W/ AIR MIST 12 BPH FROM 4077' TO CIBP @ 4200', RETURNS 12 BPH AIR MIST, 6-7 BPH FRAC FLUID W/ HEAVY SAND.
	14:30 - 17:00	2.50	CIRC	a	OBJECT	CIRC W/ AIR MIST 12 BPH, RETURNS 12 BPH AIR MIST, 6-7 BPH FRAC FLUID W/ MED SAND.
	17:00 - 06:00	13.00	CIRC	a	OBJECT	CIRC W/ AIR MIST 3 BPH, RETURNS 3 BPH AIR MIST, 4-5 BPH FRAC FLUID W/ MED TO HEAVY SAND AND SMALL CHUNKS OF SHALE, DECREASING TO 3 BPH AIR MIST, 3 BPH FRAC FLUID W/ NO SAND OR SHALE.
6/17/2001	06:00 - 07:00	1.00	CIRC	a	OBJECT	CIRC W/ AIR, RETURNS 3-4 BPH FRAC FLUID W/ TRACE SAND.
	07:00 - 07:15	0.25	SRIG	a	PREWRK	SERVICE AND START RIG.
	07:15 - 07:30	0.25	SAFE	a	PREWRK	SAFETY MEETING ON RUNNING PITOT GAUGES, RIG CREW, AIR

## Operations Summary Report

Legal Well Name: BROOKHAVEN COM B #3R  
 Common Well Name: BROOKHAVEN COM B #3R  
 Event Name: CAP WORKOVER  
 Contractor Name: AZTEC WELL SERVICE  
 Rig Name: AZTEC

Start: 6/12/2001  
 Rig Release: 2/15/2002  
 Rig Number: 560  
 Spud Date: 6/17/1991  
 End: 2/15/2002  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/17/2001	07:15 - 07:30	0.25	SAFE	a	PREWRK	HAND AND RIG SUPERVISOR WERE ALL PRESENT.
	07:30 - 08:30	1.00	TEST	a	OBJECT	RAN 1" PITOT @ 07:45 5 PSI= 344 MCFD, @ 08:00 4 PSI=309 MCFD, @ 08:15 3 PSI=266 MCFD, @ 08:30 3 PSI=266 MCFD.
	08:30 - 08:45	0.25	TRIP	a	OBJECT	TIH W/ 2 JTS 2 3/8" J-55 TBG, TAGGED CIBP @ 4200', NO FILL, PU SWIVEL.
	08:45 - 09:30	0.75	CIRC	a	OBJECT	CIRC W/ AIR MIST 15 BPH.
	09:30 - 11:30	2.00	MILL	a	OBJECT	MILLED OUT CIBP @ 4200' W/ AIR MIST 15 BPH.
	11:30 - 12:00	0.50	CIRC	a	OBJECT	CIRC W/ AIR MIST 15 BPH, RAN 5 BBL H2O SWEEP, CUT MIST, DRIED UP WELLBORE.
	12:00 - 12:30	0.50	TRIP	a	OBJECT	TIH W/ TBG TO 5129.47', 165 JTS 2 3/8" J-55 TBG, BIT SUB AND JUNK MILL IN HOLE.
	12:30 - 13:00	0.50	CIRC	a	OBJECT	CIRC W/ AIR, RETURNS 10 BPH FRAC AND FORMATION FLUID W/ LIGHT TO MED SAND.
	13:00 - 13:15	0.25	TRIP	a	OBJECT	PU TIH W/ TBG, TAGGED FILL @ 5460', 41' OF FILL ON TOP OF PBTD @ 5501'.
	13:15 - 13:45	0.50	CIRC	a	OBJECT	CIRC W/ AIR MIST 10 BPH, RETURNS 10 BPH AIR MIST, 8 BPH FRAC AND FORMATION FLUID W/ LIGHT TO MED SAND.
	13:45 - 16:00	2.25	COUT	a	OBJECT	COUT W/ AIR MIST 15 BPH FROM 5460' TO PBTD @ 5501'.
	16:00 - 16:30	0.50	CIRC	a	OBJECT	CIRC W/ AIR MIST 15 BPH, RAN 5 BBL H2O SWEEP, CUT MIST, DRIED UP WELL BORE.
	16:30 - 17:00	0.50	TRIP	a	OBJECT	TOH W/ 83 JTS 2 3/8" J-55 TBG TO 2921', LINER TOP @ 3003'.
	17:00 - 06:00	13.00	FLOW	a	OBJECT	FLOW WELL NATURALLY UP CSG, RETURNS 10-12 BPH FRAC AND FORMATION FLUID W/ LIGHT TO MED SAND, DECREASING TO 8-10 BPH FRAC AND FORMATION FLUID W/ LIGHT TO TRACE SAND, SMALL CHUNKS SHALE AND TRACE OIL.
6/18/2001	06:00 - 18:00	12.00	FLOW	a	OBJECT	FLOW WELL BACK NATURALLY UP CSG, RETURNS 8-10 BPH FRAC AND FORMATION FLUID W/ LIGHT SAND, DECREASING TO 4-5 BPH W/ TRACE SAND AND TRACE OIL.
	18:00 - 06:00	12.00	FLOW	a	OBJECT	FLOW WELL BACK NATURALLY UP CSG, RETURNS 4-5 BPH FORMATION FLUID W/ TRACE SAND, DECREASING TO LIGHT BLOW W/ TRACE SAND, WELL LOGGING OFF.
6/19/2001	06:00 - 07:00	1.00	FLOW	a	OBJECT	FLOW WELL BACK UP CSG, RETURNS 1 BPH FORMATION FLUID W/ TRACE SAND.
	07:00 - 07:15	0.25	SRIG	a	PREWRK	SERVICE AND START RIG.
	07:15 - 07:30	0.25	SAFE	a	PREWRK	SAFETY MEETING ON BOP DRILL, RIG CREW, AIR HAND AND RIG SUPERVISOR WERE ALL PRESENT.
	07:30 - 08:15	0.75	TRIP	a	OBJECT	TIH W/ 83 JTS 2 3/8" J-55 TBG, TAGGED FILL @ 5491', 10' OF FILL TO PBTD.
	08:15 - 09:15	1.00	CIRC	a	OBJECT	CIRC W/ AIR, UNLOADED WELLBORE, RECOVERED 10 BBLs FORMATION FLUID W/ LIGHT SAND.
	09:15 - 09:45	0.50	COUT	a	OBJECT	COUT W/ AIR MIST FROM 4991' TO PBTD @ 5501', RAN 5 BBL H2O SWEEP, CUT MIST.
	09:45 - 11:30	1.75	CIRC	a	OBJECT	CIRC W/ AIR, RETURNS 10-12 BPH FORMATION FLUID W/ TRACE SAND, RAN 5 BBL H2O SWEEP.
	11:30 - 13:00	1.50	TRIP	a	OBJECT	TOH W/ 177 JTS 2 3/8" J-55 TBG, LD 7 JTS 2 3/8" J-55 TBG, BIT SUB AND FIVE POINT JUNK MILL. PULLED TWO H2S SAMPLES @ BLOOIE LINE, NO RECORDABLE AMOUNTS OF H2S FOUND.
	13:00 - 14:15	1.25	TRIP	a	OBJECT	TIH W/ 1 JT 2 3/8" J-55 TBG W/ PUMP OUT PLUG 30.42', SEATING NIPPLE 1.10', 169 JTS 2 3/8" J-55 TBG 5254.11', ALL 2 3/8" J-55 EUE 8 RD 4.70 PPF, TBG SET @ 5298.63', SEATING NIPPLE SET @ 5267.11', 170 TOTAL JTS TBG IN HOLE.
	14:15 - 15:00	0.75	BRCH	a	OBJECT	BROACHED TBG TO SEATING NIPPLE, OK, LANDED TBG.
	15:00 - 15:45	0.75	NUND	a	OBJECT	ND BOP AND BLOOIE LINE, NU WELLHEAD.

## Operations Summary Report

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 Common Well Name: BROOKHAVEN COM B #3R  
 Event Name: CAP WORKOVER  
 Contractor Name: AZTEC WELL SERVICE  
 Rig Name: AZTEC

Spud Date: 6/17/1991  
 Start: 6/12/2001  
 End: 2/15/2002  
 Rig Release: 2/15/2002  
 Group:  
 Rig Number: 560

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/19/2001	15:45 - 16:00 16:00 - 17:00	0.25 1.00	PUMP RURD	a a	OBJECT OBJECT	PUMP OFF PUMP OUT PLUG W/ 350 PSI, AIR. RD RELEASED RIG @ 17:00 HRS, NO TBG TO TRANSFER.
						SUMMARY MIRU, ND NU, TOH, TIH, SET CIBP, SPOT ACID, TEST CIBP, PERFORATED, TIH, BD PERFS W/ PKR AND RBP, TOH, ND NU ISOLATION TOOL, FRAC LEWIS W/ 200,000 LBS 20/40 BRADY SAND, @ 1-3 PPG W/ 20# LINEAR GEL AND N2, FLOW WELL, TIH W/ MILL, COUT TO PBD, FLOWED WELL, TOH, TIH W/ BHA, BROACHED TBG, LANDED, ND NU, RD, RELEASED RIG, MOVED TO GRENIER # 1B.
2/12/2002	09:00 - 11:00	2.00	MIMO	a	PREWRK	ROAD RIG TO LOCATION, REPLACED POWER STEERING BELT ON WAY TO LOCATION.
	11:00 - 13:00	2.00	RRSR	a	PREWRK	REPLACED SECOND POWER STEERING BELT ON LOCATION.
	13:00 - 14:00	1.00	RURD	a	PREWRK	RU COMPLETION RIG.
	14:00 - 15:00	1.00	RURD	a	PREWRK	RU PUMP AND PIT W/ NEW CONNECTION, PUMP AND PIT CAME FROM AZTECS YARD, NEW PAINT.
	15:00 - 15:30	0.50	BLOW	a	OBJECT	200 PSI ON TBG AND CSG, BWD TO RIG PIT, KILL WELL W/ 15 BBLS 2% KCL.
	15:30 - 16:30	1.00	RURD	a	OBJECT	CHANGED OUT BOP, SENT OLD BOP TO BE INSPECTED, NU NEW BOP.
	16:30 - 17:30	1.00	TRIP	a	OBJECT	TALLY OUT OF HOLE W/ 170 JTS 2 3/8" J-55 TBG.
	17:30 - 18:00	0.50	SHDN	a	OBJECT	SECURED LOCATION, SIW, SDFD.
2/13/2002	06:00 - 07:15	1.25	SRIG	a	PREWRK	ROAD CREW TO LOCATION, SERVICE AND START RIG.
	07:15 - 07:30	0.25	SAFE	a	PREWRK	SAFETY MEETING ON TIH W/ 7" TOOLS, RIG CREW, PKR HAND AND RIG SUPERVISOR WERE ALL PRESENT.
	07:30 - 08:00	0.50	BLOW	a	OBJECT	200 PSI ON CSG, BWD TO RIG PIT.
	08:00 - 08:45	0.75	TRIP	a	OBJECT	PU, TIH W/ 7" SCRAPER AND 95 JTS 2 3/8" J-55 TBG TO 2975'.
	08:45 - 09:30	0.75	TRIP	a	OBJECT	TOH W/ 95 JTS TBG, LD 7" SCRAPER.
	09:30 - 10:00	0.50	KILL	a	OBJECT	KILL WELL W/ 40 BBLS 2% KCL.
	10:00 - 11:00	1.00	TRIP	a	OBJECT	PU TIH W/ 7" RBP AND 93 JTS 2 3/8" J-55 TBG, SET RBP @ 2900'.
	11:00 - 11:30	0.50	PUMP	a	OBJECT	LOAD CSG W/ 120 BBLS FRESH H2O.
	11:30 - 13:00	1.50	RURD	a	OBJECT	RU PINNACLE TECHNOLOGIES.
	13:00 - 14:00	1.00	PULD	a	OBJECT	PU TIH W/ 24 SECTIONS OF GEOPHONE TOOL STRING, CONNECT TO WIRELINE.
	14:00 - 16:00	2.00	WIRE	a	OBJECT	RIH W/ WIRELINE, SPACEOUT AND SET TOOLS ON DEPTH.
	16:00 - 18:00	2.00	WIRE	a	OBJECT	MONITOR PERFORATING IN THE BROOKHAVEN # H-10
	18:00 - 18:30	0.50	SHDN	a	OBJECT	SECURED LOCATION, SIW, SDFD.
2/15/2002	06:00 - 07:15	1.25	SRIG	a	PREWRK	ROAD CREW TO LOCATION, SERVICE AND START RIG.
	07:15 - 07:30	0.25	SAFE	a	PREWRK	SAFETY MEETING ON LD GEOPHONES, RIG CREW AND AIR HAND WERE PRESENT.
	07:30 - 14:30	7.00	WAIT	a	PREWRK	WAIT ON BROOKHAVEN H# 10 FRAC.
	14:30 - 15:30	1.00	RURD	a	OBJECT	TOH, LD 24 SECTIONS OF GEOPHONES, RD PINNACLE INC.
	15:30 - 16:00	0.50	RURD	a	OBJECT	RU STRIPPER HEAD AND FLOWBACK LINE TO FLOWBACK TANK.
	16:00 - 16:15	0.25	TRIP	a	OBJECT	TIH W/ RETRIEVING TOOL AND 15 STDS 2 3/8" J-55 TBG.
	16:15 - 16:45	0.50	CIRC	a	OBJECT	CIRC W/ AIR, UNLOAD WELLBORE.
	16:45 - 17:00	0.25	SHDN	a	OBJECT	SECURED LOCATION, SIW, SDFD.
2/16/2002	06:00 - 07:15	1.25	SRIG	a	PREWRK	ROAD CREW TO LOCATION, SERVICE AND START RIG.
	07:15 - 07:30	0.25	SAFE	a	PREWRK	SAFETY MEETING ON PULLING 7" RBP, RIG CREW, AIR HAND AND RIG SUPERVISOR WERE ALL PRESENT.
	07:30 - 08:00	0.50	TRIP	a	OBJECT	TIH W/ 15 STDS 2 3/8" J-55 TBG, 30 STDS 2 3/8" J-55 TBG AND RETRIEVING TOOL IN HOLE.
	08:00 - 08:30	0.50	CIRC	a	OBJECT	CIRC W/ AIR, UNLOAD WELLBORE.
	08:30 - 09:00	0.50	TRIP	a	OBJECT	TIH W/ 33 JTS 2 3/8" J-55 TBG, 93 JTS TBG IN HOLE, LATCHED

## Operations Summary Report

Legal Well Name: BROOKHAVEN COM B #3R  
 Common Well Name: BROOKHAVEN COM B #3R  
 Event Name: CAP WORKOVER  
 Contractor Name: AZTEC WELL SERVICE  
 Rig Name: AZTEC

Start: 6/12/2001  
 Rig Release: 2/15/2002  
 Rig Number: 560  
 Spud Date: 6/17/1991  
 End: 2/15/2002  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/16/2002	08:30 - 09:00	0.50	TRIP	a	OBJECT	ONTO RBP, EQUALIZED WELLBORE, RELEASED RBP.
	09:00 - 09:45	0.75	TRIP	a	OBJECT	TOH W/ 93 JTS 2 3/8" J-55 TBG, LD RBP AND RETRIEVING TOOL.
	09:45 - 11:00	1.25	TRIP	a	OBJECT	TIH W/ EX-CHECK, 1 JT TBG, SN, 169 JTS TBG TO 5299'.
	11:00 - 11:30	0.50	CIRC	a	OBJECT	CIRC W/ AIR, UNLOAD WELLBORE.
	11:30 - 12:00	0.50	TRIP	a	OBJECT	TIH W/ 7 JTS 2 3/8" J-55 TBG, TAGGED PBTD @ 5501', NO FILL.
	12:00 - 13:00	1.00	CIRC	a	OBJECT	CIRC W/ AIR, UNLOAD AND CLEAN UP WELLBORE.
	13:00 - 13:30	0.50	BRCH	a	OBJECT	BROACHED TBG TO 372', BROACHED STOPPED.
	13:30 - 14:00	0.50	TRIP	a	OBJECT	TOH W/ 12 JTS 2 3/8" J-55 TBG, REPLACED BAD JT.
	14:00 - 14:30	0.50	TRIP	a	OBJECT	TIH W/ 12 JTS 2 3/8" J-55 TBG.
	14:30 - 15:30	1.00	BRCH	a	OBJECT	BROACHED TBG TO SN, OK, LANDED TBG.
	15:30 - 16:30	1.00	NUND	a	OBJECT	ND BOP, NU WELLHEAD.
	16:30 - 17:00	0.50	PUMP	a	OBJECT	PUMPED OFF EX-CHECK W/ 900 PSI AIR.
	17:00 - 18:00	1.00	RURD	a	OBJECT	RD, RELEASED RIG @ 18:00 HRS, SHUT DOWN UNTIL TUE.