

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 HOWELL				Well Number 3A		API Number 3004526444
UL	Section	Township	Range	Feet From The	Feet From The	County
I	34	28 N	8 W	1830 FSL	800 FEL	SAN JUAN

II. Workover

Date Workover Commence 5/20/2003	Previous Producing Pool(s) (Prior to Workover): BLANCO MESAVERDE
Date Workover Completed: 5/23/2003	

- 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>3/5/04</u>
SUBSCRIBED AND SWORN TO before me this <u>5</u> day of <u>March</u> , <u>2004</u> .	
Notary Public	
My Commission expires: <u>September 15, 2004</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 5/23/03.

Signature District Supervisor <u>[Signature]</u>	OGD District SUPERVISOR DISTRICT #3	Date
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

APR 28 2004

HOWELL 3A 3004526444

72319

82329

REG DTL DT GAS PROD GAS PROD

01-May-02	2168	
01-Jun-02	1714	
01-Jul-02	2275	
01-Aug-02	2114	
01-Sep-02	2064	
01-Oct-02	2032	
01-Nov-02	1905	
01-Dec-02	1888	
01-Jan-03	1887	
01-Feb-03	1628	
01-Mar-03	1906	
01-Apr-03	1793	
01-May-03	846	846
01-Jun-03	2461	2460
01-Jul-03	2108	2108
01-Aug-03	1696	1696

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Operations Summary Report

Legal Well Name: HOWELL #3A
 Common Well Name: HOWELL #3A
 Event Name: CAP WORKOVER
 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

Spud Date: 05/23/2003
 Start: 05/20/2003
 End: 05/23/2003
 Rig Release: 05/23/2003
 Group:
 Rig Number: 521

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
05/21/2003	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL
	07:00 - 09:00	2.00	BLOW	a	OBJECT	SITP 130# SICP 200# BLOW WELL DOWN,KILL TUB. W/20 BBL 2% KCL,N/D WELL HEAD,N/U BOP
	09:00 - 11:00	2.00	TRIP	a	OBJECT	TIH TAG @ 5273'- 19' FILL,TOOH W/171 JT. 2 3/8 TUB. TUB.LOOKS TO BE IN GOOD SHAPE,LT.SACLE F/4200' T/4400'
	11:00 - 12:30	1.50	TRIP	a	OBJECT	TIH W/ CIBP SET @ 4260'
	12:30 - 13:30	1.00	TEST	a	OBJECT	LOAD HOLE W/ 135 BBL 2% KCL,PRESS TEST T/1000# OK
	13:30 - 15:30	2.00	SHDN	a	OBJECT	W/ ON PUMP TRUCK,T/ TEST & SPOT ACID
	15:30 - 16:00	0.50	TEST	a	OBJECT	PRESS TEST T/ 2000# W/ RIG PUMP OK SECURE LOC. SDFN
05/22/2003	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFTY MEETING - PRESS TEST & SPOT ACID
	07:15 - 08:15	1.00	TEST	a	OBJECT	PRESS TEST T/ 3000 PSI 15 MIN OK.SPOT 500 GAL 15% HCI ACID, ACROSS PERF.INTERVAL,DISP.W/12 BBL 2% KCL
	08:15 - 09:15	1.00	TRIP	a	OBJECT	TOOH W/ 2 3/8 TUB.
	09:15 - 11:00	1.75	PERF	a	OBJECT	R/U BWWC % LOG CCL & DR,PERF CHACRA W/ 12 GRAM 0.33 DIAMETER @ 1 SPF @ 4132'-4123'-4107'-4005'-3910'-3903'-3890'-3845'-3832'-3804'-3761'-3757'-3730'-3721'-3711'-3705'-3695'-3625'-3607'-3585'-3580'-3572'-3567'-3438'-3332'-3205'-
	11:00 - 13:30	2.50	RURD	a	OBJECT	SET PACKER,R/U ISOLATION & DOWELL
	13:30 - 13:45	0.25	SAFE	a	OBJECT	HSM W/ 24 ON LOC.
	13:45 - 15:00	1.25	FRAC	a	OBJECT	FRAC. CHACAR FORMATION BROKEDOWN @ 1216 PSI @ 5BPMFRAC LOAD 200,000 # 20/40 BRADY SAND 615 BBLS,TOTAL N2 1,185,100 SCF MAX PSI 3000 MAX RATE 59 MIN PSI 2176 MIN RATE 48 AVG PSI 2393 AVG RATE 55 ISIP 1540
	15:00 - 16:00	1.00	RURD	a	OBJECT	R/D DOWELL & R/U FLOW BACK SDFN
	16:00 - 06:00	14.00	FLOW	a	OBJECT	OPEN ON 10/64 CHOCK 1275 PSI HF NO SAND 1800 HRS. 1270 PSI HF NS 10/64 CHOCK 1900 HRS. PRESS SURGE HM LF TS 14/64 CHOCK 2000 HRS. 1360 PSI HM HS 14/64 CHOCK 2100 HRS. 1390 PSI HM HS 14/64 CHOCK 2200 HRS. 1300 PSI. HM HS 14/64 CHOCK 2300 HRS. 1320 PSI. HM HS 10/64 CHOCK 0100 HRS. 1340 PSI. HM LS 10/64 CHOCK 0200 HRS. 1340 PSI. MM LS 14/64 CHOCK 0300 HRS. 1275 PSI. HF MS 18/64 CHOCK 0400 HRS. 1000 PSI. HF LS 18/64 CHOCK 0500 HRS. 625 PSI. HF MS 32/64 CHOCK
05/23/2003	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL
	07:00 - 10:00	3.00	FLOW	a	OBJECT	FLOW WELL ON 3/4" CHOCK 300# TO 150# MM LS
	10:00 - 13:00	3.00	FISH	a	OBJECT	FLOW WELL ON 2" 150# TO 30# MM LS
	13:00 - 14:30	1.50	NUND	a	OBJECT	KILL WELL 20 BBL 2% KCL,R/D ISOLATION TOOL & PULL PACKER
	14:30 - 16:30	2.00	TEST	a	OBJECT	TIH W/ 3 7/8 MILL. BLOW WELL @ 2748' & 3205' TAG SAND @ 3960'
	16:30 - 18:00	1.50	COUT	a	OBJECT	C/O SAND F/ 3960' T/ 4048' W/ AIR MIST. HVY SAND
05/24/2003	18:00 - 06:00	12.00	BLOW	a	OBJECT	FLOW WELL NAT.ON BLOOIE.W/ AIR 800 CFM
	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL
	07:00 - 09:00	2.00	COUT	a	OBJECT	C/O SAND F/4048' T/ 4260'
	09:00 - 10:00	1.00	MILL	a	OBJECT	P/U POWER SWIVEL & MILL CIBP @ 4260'

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 Rig Name: AZTEC

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 Rig Release: 05/23/2003
 Rig Number: 521

Spud Date: 05/23/2003
 End: 05/23/2003
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
05/24/2003	10:00 - 10:30	0.50	TRIP	a	OBJECT	TIH TAG @ 5273'
	10:30 - 11:00	0.50	COUT	a	OBJECT	C/L T/ PBD @ 5292' 3 BBLs.HR. MIST TR SAND
	11:00 - 12:30	1.50	TRIP	a	OBJECT	TOOH L/D MILL
	12:30 - 14:30	2.00	TRIP	a	OBJECT	TIH W/ EXP.CHECK 1 JT. 2 3/8 TUB. SN & 169 JT. 2 3/8 TUB.5099.79' BROUCH TUB.
	14:30 - 14:45	0.25	NUND	a	OBJECT	LAND TUB. ON DONNUT @ 5101' SN @ 5070'
	14:45 - 15:30	0.75	NUND	a	OBJECT	N/D BOP N/U MASTER VALVE
	15:30 - 16:30	1.00	BLOW	a	OBJECT	PUMP CHECK W/1200# AIR,BLOW WELL ,FLOW NAT.
	16:30 - 19:00	2.50	RURD	a	OBJECT	RIG DOWN,RIG RELEASED @ 6:00PM 5/23/03 PITOT TEST 3# 1065 MCF