

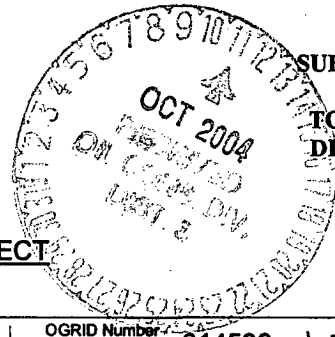
New Mexico
Energy Minerals and Natural Resources Department

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**



I. Operator and Well

Operator name address				Burlington Resources Oil and Gas Co. LP Box 4289, Farmington, NM 87499		OGRID Number	014538 + 33113
Contact Party				Leslie D. White		Phone	505/326-9700
Property Name				HOWELL C		Well Number	1A
API Number				3004521778			
UL	Section	Township	Range	Feet From The	Feet From The	County	
O	01	29 N	8 W	800 FSL	1655 FEL	SAN JUAN	

II. Workover

Date Workover Commenced	03/25/2004	Previous Producing Pool(s) (Prior to Workover):	BLANCO MESAVERDE
Date Workover Completed:	04/01/2004		

- 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>)) ss.	
County of <u>San Juan</u>)			
Leslie D. White, 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>
SUBSCRIBED AND SWORN TO before me this <u>14</u> day of <u>October</u> , <u>2004</u> .		Date	<u>10/7/04</u>
My Commission expires: <u>9/15/2008</u>		Notary Public <u>Patricia L. Chugot</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 4/1/04.

Signature District Supervisor	<u>[Signature]</u>	OCD District	<u>3</u>	Date	<u>10/11/04</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

HOWELL C

1A

3004521778

BLANCO MESAVERDE

REG_DTL_D

04/01/2003	7811
05/01/2003	8933
06/01/2003	8496
07/01/2003	7522
08/01/2003	8465
09/01/2003	8499
10/01/2003	8393
11/01/2003	6349
12/01/2003	7590
01/01/2004	5684
02/01/2004	4151
03/01/2004	7045
04/01/2004	6415
05/01/2004	11107
06/01/2004	8423
07/01/2004	9484

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Operations Summary Report

Legal Well Name: HOWELL C #1A
 Common Well Name: HOWELL C #1A
 Event Name: CAP WORKOVER
 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

Spud Date: 08/17/1976
 Start: 03/25/2004 End: 04/01/2004
 Rig Release: 04/01/2004 Group:
 Rig Number: 449

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
03/26/2004	06:00 - 07:30	1.50	SAFE	a	OBJECT	DRIVE TO OLD LOC, START UNIT, HELD SAFETY MEETING
	07:30 - 08:30	1.00	MIMO	a	MIRU	ROAD UNIT TO LOC
	08:30 - 09:45	1.25	NUND	a	MIRU	RIG UP, CSG PRESS 125#, TBG PRESS 80#
	09:45 - 12:30	2.75	NUND	a	OBJECT	NIPPLE UP BLOW LINE, BLOW WELL DOWN, N/D WELLHEAD, N/U BOP, N/U BLOOIE LINE
	12:30 - 13:45	1.25	TRIP	a	OBJECT	TOOH W/ 86 STDS 1 SINGLE 23/8" TBG
	13:45 - 15:00	1.25	CASE	a	OBJECT	RIG UP BASIN WIRELINE, RUN @ SET CIBP @ 4555'
	15:00 - 16:00	1.00	DISP	a	OBJECT	LOAD CSG W/ 2% KCL WTR
	16:00 - 17:00	1.00	WIRE	a	OBJECT	RUN CBL BOND LOG F/ 4550' TO 3100', REAL GOOD BOND ACROSS ZONE OF INTEREST
	17:00 - 17:15	0.25	WIRE	a	OBJECT	RIG DOWN BASIN
	17:15 - 17:30	0.25	SRIG	a	OBJECT	SER RIG, SHUT DOWN F/ NITE
03/27/2004	06:00 - 07:30	1.50	SAFE	a	OBJECT	TRAVEL TO LOC, START UNIT, HELD SAFETY MEETING
	07:30 - 09:15	1.75	WELH	a	OBJECT	CHANGE OUT CSG SPOOL, INSTALLED NEW CSG SPOOL W/ A PACK OFF ASSY, TESTED SPOOL TO 3000# OK
	09:15 - 09:30	0.25	PRES	a	OBJECT	PRESS TEST CSG TO 3000#, HELD OK
	09:30 - 10:00	0.50	PERF	a	OBJECT	PERFORATE LEWIS FORM F/ 4537' TO 3970', TOTAL 26 HOLES
	10:00 - 10:15	0.25	PERF	a	OBJECT	RIG DOWN BASIN WIRELINE
	10:15 - 11:15	1.00	TRIP	a	OBJECT	TIH W/ 73 STDS TBG, CANCELLED FRAC TILL MONDAY, PREP TO SPOT ACIDE @ BREAK DOWN
03/30/2004	11:15 - 12:00	0.75	SRIG	a	OBJECT	SHUT WELL IN FOR WKEND, WILL HAVE DRY WATCH MAN ON LOC, DOWELL CANCELED FRAC
	06:00 - 07:00	1.00	SAFE	a	OBJECT	TRAV TO LOC, START RIG, HOLD SAFETY MEETING ON SPOTTING ACID, RIG CREW, FRAC CREW, CONSULTANT WERE PRESENT.
	07:00 - 08:00	1.00	SPOT	a	OBJECT	RU PUMPLINE, PRESS TEST LINE, SPOT 10 BBLS OF 15% HCL & DISPLACE W/ 21 BBLS OF 2% KCL, RD PUMPLINE.
	08:00 - 09:00	1.00	TRIP	a	OBJECT	TOOH W/ TBG, WAS A SLOW TRIP DUE TO 2 GREEN HARD HATS ON FLOOR.
	09:00 - 10:30	1.50	RURD	a	OBJECT	CHANGE SLIPS, ELEV, RAMS TO 2 7/8", PU & MU 7" FULLBORE PKR, 2 JTS OF 2 7/8" TBG, NU FRAC MANDERAL, FRAC VALVE, FRAC - Y, FRAC LINE.
	10:30 - 11:30	1.00	FRAC	a	OBJECT	PRESS TEST LINES TO 4000 PSI, BREAKDOWN @ 911 PSI @ 5 BPM, FRAC LOAD 682 BBL, FLUSH W/ 47 BBLS, TOTAL FRAC LOAD 729 BBL, TOTAL N2 1,415,500 SCF, MAX PSI 2938 PSI, AVG 2491, MIN 1972 PSI, MAX RATE 56 BPM, MIN 50, AVG 53 BPM, 200,000 # 20/40 BRADY SAND, ISIP 1265 PSI.
	11:30 - 13:00	1.50	RURD	a	OBJECT	RD FRAC LINE, RU FLOWLINE & PRESS TEST W/ WELL PRESS.
03/31/2004	13:00 - 06:00	17.00	FLOW	a	CLEAN	FLOW FRAC BACK THRU CHOKE MANIFOLD 10/64" CHOKE, MAKING HEAVY MIST, NO SAND @ 900 PSI. 18:00, 12/64" CHOKE, MAKING HEAVY MIST, LIGHT SAND @ 650 PSI. 20:00, 14/64" CHOKE, MAKING HEAVY MIST, NO SAND @ 400 PSI. 22:00, 16/64" CHOKE, MAKING HEAVY MIST, NO SAND @ 200 PSI. 00:00, 18/64" CHOKE, MAKING HEAVY MIST, NO SAND @ 100 PSI. 02:00, 20/64" CHOKE, MAKING HEAVY MIST, NO SAND @ 15 PSI. 03:00, OPEN ON FULL 2" LINE, MADE JUST A SLIGHT TRICKEL OF WATER & DIED. SHUT IN FRAC VALVE.
	06:00 - 07:45	1.75	SAFE	a	OBJECT	TRAV TO AZTEC SAFETY MEETING.
	07:45 - 08:30	0.75	SAFE	a	OBJECT	TRAV TO LOC, START RIG, HOLD SAFETY MEETING ON ND FRAC EQUIP, RIG CREW, PKR HAND, AIR HAND, CONSULTANT WERE PRESENT.
	08:30 - 11:00	2.50	RURD	a	OBJECT	ND FRAC VALVE, FRAC MANDERAL, UNSET 7" FULLBORE PKR,

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Operations Summary Report

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 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

Spud Date: 08/17/1976
 Start: 03/25/2004 End: 04/01/2004
 Rig Release: 04/01/2004 Group:
 Rig Number: 449

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
03/31/2004	08:30 - 11:00	2.50	RURD	a	OBJECT	LAY DOWN 2 JTS OF 2 7/8" TBG & 7" PKR , RU BLOOE LINE .
	11:00 - 12:15	1.25	TRIP	a	OBJECT	TIH W/ 3 7/8" JUNK MILL TO 4100', TOP PERF @ 3970'.
	12:15 - 16:00	3.75	BLOW	a	CLEAN	UNLOAD W/ AIR MIST , MAKING 20 TO 25 BPH OF H2O , 1/2 CUP OF SAND .
	16:00 - 19:00	3.00	COUT	a	CLEAN	SHORT TIH , TAG UP @ 4345', CIBP @ 4555', HAD 210' OF FILL . CO TO CIBP W/ AIR MIST , MAKING 15 TO 20 BPH OF H2O & FOAM , 1/2 GALLON TO 2 CUPS OF SAND .
	19:00 - 06:00	11.00	BLOW	a	CLEAN	BLOW W/ 1 TO 1 AIR MIST , MAKING 6 TO 15 BPH OF H2O & FOAM , 1 TO 2 CUPS OF SAND .
04/01/2004	06:00 - 07:00	1.00	SAFE	a	OBJECT	TRAV TO LOC , START RIG , HOLD SAFETY MEETING ON MO CIBP , RIG CREW , AIR HAND , CONSULTANT WERE PRESENT .
	07:00 - 07:15	0.25	TRIP	a	OBJECT	SHORT TIH , TAG UP @ 4545', CIBP @ 4555', HAD 10' OF FILL .
	07:15 - 08:00	0.75	BLOW	a	CLEAN	CO TO CIBP W/ AIR MIST , MAKING 6 TO 8 BPH OF H2O 1/2 TO 1 CUP OF SAND .
	08:00 - 08:30	0.50	MILL	a	CLEAN	EST 15 BPH OF MIST RATE , MILL OUT CIBP @ 4555'.
	08:30 - 09:30	1.00	BLOW	a	CLEAN	BLOW W/ AIR MIST , MAKING 6 TO 8 BPH OF H2O , 1/2 TO 1 CUP OF SAND .
	09:30 - 10:00	0.50	TRIP	a	OBJECT	SHORT TIH , TAG UP @ 5529', PBTD @ 5549', HAD 20' OF FILL .
	10:00 - 12:00	2.00	BLOW	a	CLEAN	CO TO PBTD W/ AIR MIST , MAKING 6 TO 10 BPH OF H2O , 1/2 TO 2 CUPS OF SAND .
	12:00 - 14:00	2.00	FLOW	a	CLEAN	PULL UP FLOW WELL NATURAL , MAKING 2 TO 3 BPH OF H2O , TRACE OF SAND .
	14:00 - 16:00	2.00	BLOW	a	CLEAN	SHORT TIH , TAG UP @ 5548', HAD 1' OF FILL , CO TO PBTD W/ AIR MIST , MAKING 6 TO 8 BPH OF H2O , 1/2 TO 1 CUP OF SAND .
	16:00 - 17:00	1.00	FLOW	a	CLEAN	FLOW WELL NATURAL , MAKING 2 TO 3 BPH OF H2O , TRACE OF SAND .
04/02/2004	17:00 - 18:30	1.50	RRSR	a	OBJECT	WHILE FLOWING WELL , RIG DIED , STARTER WOULD NOT TURN OVER , SWAP OUT BATTERIES W/ RIG PUMP STARTER WOULD ENGAGE BUT NOT TURN OVER , FOUND WIRE THAT HAD CAME OFF , HOOK WIRE UP , START RIG .
	18:30 - 19:00	0.50	TRIP	a	OBJECT	HANG BACK SWIVEL , PULL MILL ABOVE LINER .
	19:00 - 06:00	11.00	FLOW	a	CLEAN	FLOW WELL NATURAL , MAKING 3 TO 4 BPH OF H2O , 1/2 TO 1/8 CUP OF SAND .
	06:00 - 07:00	1.00	SAFE	a	OBJECT	TRAV TO LOC , START RIG , HOLD SAFETY MEETING ON RD RIG & EQUIP , RIG CREW , AIR HAND , CONSULTANT WERE PRESENT .
	07:00 - 08:00	1.00	TRIP	a	OBJECT	FINISH TOOH W/ MILL .
	08:00 - 10:00	2.00	TRIP	a	OBJECT	TIH W/ EXC , 1 JT OF 2 3/8" TBG , 1.78" ID SEAT NIPPLE REST OF TBG , TAG UP @ 5529', PBTD @ 5549', HAD 20' OF FILL , RABBIT TBG IN HOLE .
	10:00 - 15:00	5.00	BLOW	a	CLEAN	CO TO PBTD W/ AIR MIST , MAKING 3 TO 6 BPH OF H2O TRACE TO 1/2 CUP OF SAND .
	15:00 - 15:30	0.50	BRCH	a	OBJECT	BROACH TBG TO SEAT NIPPLE .
	15:30 - 16:00	0.50	NUND	a	OBJECT	LAND TBG @ 5438.65' W/ 173 JTS OF 2.375", 4.7#, J-55 , EUE , 8 RD TBG , W/ 1.78" ID SEAT NIPPLE SET @ 5406.90' , W/ KB INCLUDED , ND BOP , NU TREE .
	16:00 - 17:30	1.50	RURD	a	RDMO	RD RIG & EQUIP . RAN EXC W/O CHECK . TAKE PITOT READING TSTM . SUMMARY , MOL , RU RIG & EQUIP , ND TREE , NU BOP , TOOH W/ TBG , RU WL , RIH & SET CIBP , TEST CSG , TEST FAILED , CHANGE OUT WH , RETEST , TESTED GOOD , RIH PERF LEWIS , TIH OPENENDED , SPOT ACID , TOOH , RU FRAC EQUIP , FOAM FRAC LEWIS , FLOW FRAC BACK , RD FRAC EQUIP , TIH W/ MILL , CO LEWIS , MO CIBP , CO TO PBTD , TOOH W/ MILL , TIH W/ EXC ,

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Rig Name: AZTEC

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Rig Release: 04/01/2004
Rig Number: 449

Spud Date: 08/17/1976
End: 04/01/2004
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
04/02/2004	16:00 - 17:30	1.50	RURD	a	RDMO	BROACH TBG TO SEAT NIPPLE , LAND TBG , ND BOP , NU TREE , RD RIG & EQUIP . TRAN 17 JTS OF 2 3/8" TBG TO WOODRIVER # 1A .