

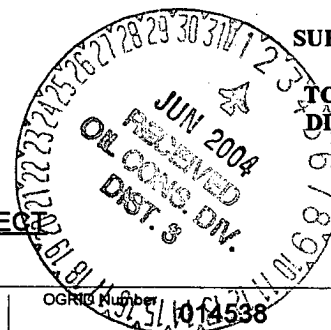
New Mexico
Energy Minerals and Natural Resources Department

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**



**SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE**

I. Operator and Well

Operator name address Burlington Resources Oil and Gas Co. LP Box 4289, Farmington, NM 87499				OGRID Number 1014538	
Contact Party Leslie D. White				Phone 505/326-9700	
Property Name HARVEY STATE			Well Number 3		API Number 3003906028
UL E	Section 16	Township 25 N	Range 6 W	Feet From The 1650 FNL	County RIO ARRIBA

II. Workover

Date Workover Commence 09/16/2003	Previous Producing Pool(s) (Prior to Workover): BLANCO P. C. SOUTH (PRORATED GAS)
Date Workover Completed: 10/20/2003	

- 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>6-1-04</u>
SUBSCRIBED AND SWORN TO before me this <u>1st</u> day of <u>June</u> , <u>2004</u> .		
Notary Public		
My Commission expires: <u>September 15, 2004</u> <u>Nancy Oltmanns</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 10/20/03 27.8

Signature District Supervisor	SUPERVISOR DISTRICT #3	Date
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

REG_DTL_D	BLANCO P. C. SOUTH (PRORATED G
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10/01/2002	408
11/01/2002	616
12/01/2002	603
01/01/2003	521
02/01/2003	219
03/01/2003	611
04/01/2003	521
05/01/2003	513
06/01/2003	335
07/01/2003	575
08/01/2003	583
09/01/2003	419
10/01/2003	231
11/01/2003	1457
12/01/2003	1169
01/01/2004	1529

BURLINGTON RESOURCES DIVISIONS

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Operations Summary Report

Legal Well Name: HARVEY STATE #3
 Common Well Name: HARVEY STATE #3
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Start: 09/16/2003
 Rig Release: 10/20/2003
 Rig Number: 24

Spud Date: 10/14/1955
 End: 10/20/2003
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
09/17/2003	06:00 - 18:00	12.00	MIMO	a	MIRU	MIRU DRAKE #24.
09/18/2003	06:00 - 07:00	1.00	RURD	a	OBJECT	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:00 - 09:00	2.00	RURD	a	OBJECT	FINISH RU DRAKE #24.
	09:00 - 10:00	1.00	KILL	a	OBJECT	SICP- 150 PSI. SITP- 100 PSI. BLEED DOWN WELL. KILL WELL W/ 40 BBL 2% KCL WATER.
	10:00 - 11:00	1.00	NUND	a	OBJECT	ND WELLHEAD. SCREW ON DRILLING FLANGE. NU BOP. CHANGE RAMS TO 1 1/4".
	11:00 - 13:00	2.00	PULD	a	OBJECT	LAY DOWN 113 JTS 1 1/4" TBG.
	13:00 - 16:00	3.00	NUND	a	OBJECT	SET 7" RBP @ 60'. LOAD HOLE W/ WATER. ND BOP. CUT OFF OLD WH. WELD ON NEW WH. NU BOP. EQUALIZE & PULL 7" RBP. CHANGE RAMS TO 2 7/8".
	16:00 - 18:00	2.00	PULD	a	OBJECT	PU 6 1/4" BIT; 6- 4 3/4" DC; & 2 7/8" TBG TO 2200'.
09/19/2003	18:00 - 19:00	1.00	RURD	a	OBJECT	LAY BLOOIE LINE. SDFN.
	06:00 - 07:00	1.00	RURD	a	OBJECT	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:00 - 08:00	1.00	BLOW	a	OBJECT	PU 2 7/8" TBG. SWIVEL UP & BREAK CIRC @ 7" SHOE W/ AIR MIST.
	08:00 - 10:00	2.00	BLOW	a	OBJECT	CO OPEN HOLE FROM 2310' TO PBTD @ 2370'. BLOW CLEAN. HOLE STABILIZED.
	10:00 - 11:30	1.50	DRLG	a	OBJECT	START DRILLING NEW 6 1/4" HOLE FROM 2370' TO 2390'. AIR COMPRESSOR WENT DOWN. PULL BACK UP INTO 7" CSG.
	11:30 - 15:00	3.50	WAIT	a	OBJECT	W/O MECHANIC.
	15:00 - 17:00	2.00	RRSR	a	OBJECT	TEAR INTO AIR COMPRESSOR MOTOR. DROPPED PISTON. WILL SWAP OUT AIR COMPRESSORS TONIGHT. SDFN.
09/20/2003	06:00 - 07:00	1.00	RURD	a	OBJECT	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:00 - 08:00	1.00	BLOW	a	OBJECT	PU TBG. BREAK CIRC W/ AIR MIST. CO 4' FILL IN OPEN HOLE. BLOW CLEAN.
	08:00 - 13:00	5.00	DRLG	a	OBJECT	DRILL NEW 6 1/4" HOLE FROM 2390' TO NEW TD @ 2516'.
	13:00 - 14:00	1.00	BLOW	a	OBJECT	BLOW HOLE CLEAN.
	14:00 - 14:30	0.50	TRIP	a	OBJECT	CAN'T GET CASING CREW. PULL INTO 7". SI. LOCK RAMS. WILL FINISH PIPE JOB IN MORNING. SDFN.
09/21/2003	06:00 - 07:00	1.00	RURD	a	OBJECT	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:00 - 07:30	0.50	TRIP	a	OBJECT	TIH. TAG NO FILL.
	07:30 - 10:00	2.50	PULD	a	OBJECT	LAY DOWN 2 7/8" WORKSTRING & 4 3/4" DC'S.
	10:00 - 11:00	1.00	RURD	a	OBJECT	RU CASING EQUIP. CHANGE RAMS. RU TONGS.
	11:00 - 11:15	0.25	SAFE	a	OBJECT	SAFETY MEETING.
	11:15 - 14:00	2.75	PULD	a	OBJECT	PU 4 1/2" CASING. RAN 6' PUP JT W/ NOTCHED COLLAR F/ SHOE JT; 8 JTS 4 1/2", 10.5#, K-55, ST&C 8RD CASING; 4 1/2" X 13' PUP JT F/ MARKER; & 49 JTS 4 1/2", 10.5#, K-55, ST&C, 8RD CASING. LAND @ 2509' KB. INSERT @ 2503' KB. MARKER JT @ 2149'- 2162' KB.
	14:00 - 14:30	0.50	RURD	a	OBJECT	RU CEMENTERS.
	14:30 - 15:30	1.00	CEMT	a	OBJECT	PUMP 10 BBL DYED GEL WATER, 10 BBL GEL WATER, & 3 BBL FRESH WATER AHEAD. MIX & PUMP 200 SX PREMIUM LITE HIGH STRENGTH CEMENT W/ 1/4 LB/SK CELLOFLAKE, .2% CD-32, 5 LB/SK LCM, .7% FL-52, & 2% KCL. DROP PLUG. DISPLACE W/ 39 BBL WATER. PRESSURE FROM 100 PSI TO 690 PSI DURING DISPLACE MENT. BUMP PLUG TO 1970 PSI. PLUG LATCHED IN. RELEASE PRESSURE. LATCH IN HOLDING.
	15:30 - 16:00	0.50	RURD	a	OBJECT	RD CEMENTERS.
09/27/2003	16:00 - 17:00	1.00	NUND	a	OBJECT	ND BOP. NU FRAC VVALVE. SI.
	09:00 - 12:00	3.00	CASE	a	PREWRK	RIG UP BASIN WIRELINE, RUN GAUGE RING TO 2487' (PBTD @ 2503'), RUN GR-CCL FROM 2490' TO SURFACE, NO CBL RUN, CEMENT CIRCULATED TO SURFACE, RD WIRELINE.

BURLINGTON RESOURCES DIVISIONS

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Operations Summary Report

Legal Well Name: HARVEY STATE #3
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 Rig Name: DRAKE

Start: 09/16/2003
 Rig Release: 10/20/2003
 Rig Number: 24

Spud Date: 10/14/1955
 End: 10/20/2003
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
09/30/2003	17:00 - 18:00	1.00	PERF	a	OBJECT	R/U BASIN WIRE LINE, TIH W/ 3-1/8 HSC CSG GUN BLOCK PERFORATE P/C W OWEN 302 10 GRAM CHARGES 120 DEG PHASG, 1 SPF @ 2307-2314, 2317-2320, 2328-2334, 2342-2344, 2350-2352, 2368-2372, 24' 30 HOLES ALL SHOTS FIRED, R/D BASIN WIRE LINE.
10/01/2003	05:00 - 07:30	2.50	RURD	a	OBJECT	SPOT & R/U SCHLUMBERGER DOWELL,
	07:30 - 08:00	0.50	SAFE	a	OBJECT	SAFETY MEETING W/ 19 DOWELL & 2 BR. REPS, DISCUSS TESTING LINES, EMERGENCY RESPONSE, ASSIGN WORK STATIONS,
	08:00 - 09:00	1.00	FRAC	a	OBJECT	BRK DOWN 2220 PSI @ 3 BPM, STG 2 PAD 22.1 BBLS, 10.5 BPM, 2.1 MIN FLUID TYPE WF120/70Q FOAM 930 GAL STG 3 1.0 PPG, 8.2, BBLS, 12.1 BPM, WF120/70Q FOAM, 300 GAL, STG 4, 2.0 PPG, 13.9 BBLS, 13.7 BPM, WF120/70Q, 450 GAL, STG 5 3.0 PPG, 86.4 BBLS, 15.3 BPM, WF120/70Q, 2500 GAL, STG 6 4.0 PPG, 160.3 BBLS, 16.8 BPM, WF120/70Q, 4200 GAL, STG 7 4 PPG, 42.9 BBLS, 16.8 BPM, WF120/70Q, 1125 GAL, STG 8 FLUSH, 14.5 BBLS, 16.9 BPM, KCL WATER, FOAM STG 1 13,464, STG 2 PAD 13,464, STG 3, 1.PPG, 13,470, STG 4 2.0 PPG, 13,476, STG 5 3.0 PPG, 13,481, STG 6 4.0 PPG, 13,454, STG 7 4 PPG, 13,454, FLUSH 13,453 SCF/MIN, (SUMMARY 20# LINEAR 70% N2 FOAM, BRK DOWN 2225 @ 3 BPM, TOT LOAD TO REC 252 BBLS, TOT N2 300,100 SCF, MAX PSI 2220, MIN 1921, AVG 2130, MAX RATE 41 BPM, MIN RTAE 35, AVG 38, 100,000# 20/40 ARIZ, ISIP 1493,
	09:00 - 10:00	1.00	RURD	a	OBJECT	RIG DOWN DOWELL,
	10:00 - 10:30	0.50	NUND	a	OBJECT	N/U FLOW LINE
	10:30 - 06:00	19.50	FLOW	a	OBJECT	TIME-----CHOKE-----PSI-----SAND-----FLUID 1100-----8/64-----1250-----N,S-----H,F 1500-----10/64-----700-----M,S-----H,F 1900-----14/64-----500-----DRY GAS 2100-----18/64-----200-----H,S-----M,F 0100-----14/64-----150-----L,S-----M,F 0200-----18/64-----75-----DRY GAS 0300-----20/64-----70-----H,S-----L,F 0400-----16/64-----75-----N,S-----L,M 0500-----16/64-----75-----N,S-----M,M AJUST CHOKES TO HOLD BACK SAND, UNABLE TO REC FLUID DUE TO SAND ENTRY.
10/02/2003	06:00 - 06:00	24.00	FLOW	a	OBJECT	TIME-----CHOKE-----PSI-----SAND-----FLUID 0600-----16/64-----50-----N,S-----L,M 1000-----18/64-----40-----T,S-----L,M 1300-----20/64-----25-----M,S-----L,M 1900-----16/64-----25-----N,S-----L,M 2200-----22/64-----20-----T,S-----L,M FROM 2200 TO 0500 32/64 TRACE OF SAND W/ DRY GAS CLOSE WELL IN, WAIT ON C/O UNIT
10/15/2003	11:00 - 15:30	4.50	MIMO	a	MIRU	MIRU DRAKE #24.
	15:30 - 16:30	1.00	NUND	a	OBJECT	ND FRAC VALVE. NU BOP.
	16:30 - 18:30	2.00	PULD	a	OBJECT	PU 2 3/8" TBG. TAG SAND FILL @ 2170'.
	18:30 - 06:00	11.50	BLOW	a	OBJECT	BLOW WELL CLEAN OVERNIGHT. RETURNING VERY LIGHT SAND.
10/16/2003	06:00 - 07:00	1.00	RURD	a	CLEAN	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:00 - 13:00	6.00	BLOW	a	CLEAN	CO SAND FILL FROM 2170' TO PBTD @ 2503'.
	13:00 - 17:00	4.00	BLOW	a	CLEAN	BLOW WELL CLEAN. RETURNING 2-3 BPH W/ MOD SAND DOWN TO 1-2 BPH W/ MOD SAND.

BURLINGTON RESOURCES DIVISIONS

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 Rig Number: 24

Spud Date: 10/14/1955
 End: 10/20/2003
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/16/2003	17:00 - 06:00	13.00	FLOW	a	CLEAN	BLOW WELL CLEAN OVERNIGHT. 1-2 BPH W/ LT/MOD SAND.
10/17/2003	06:00 - 06:00	24.00	FLOW	a	CLEAN	ALTERNATE BETWEEN 2 HR NATURAL FLOW & 1 HR UNLOAD & BLOW. ON NATURAL FLOW TAGGING 15' FILL DOWN TO 8' FILL. RUN 2-3 BBL WATER SWEEPS AFTER UNLOAD. RETURNING 4-5 CUPS SAND IN 5 GAL SAMPLE DOWN TO 2-3 CUPS SAND.
10/18/2003	06:00 - 06:00	24.00	FLOW	a	CLEAN	ALTERNATE BETWEEN 2 HR NATURAL FLOW & 1 HR UNLOAD & BLOW. RUN 2-3 BBL WATER SWEEPS AFTER UNLOAD. RETURNING 2-3 CUPS SAND IN 5 GAL SAMPLE DOWN TO 1-2 CUPS SAND.
10/19/2003	06:00 - 06:00	24.00	FLOW	a	CLEAN	ALTERNATE BETWEEN 2 HR NATURAL FLOW & 1 HR UNLOAD & BLOW. RUN 2-3 BBL WATER SWEEPS AFTER UNLOAD. RETURNING 1-2 CUPS SAND IN 5 GAL SAMPLE DOWN TO 1/2 - 1 CUPS SAND.
10/20/2003	06:00 - 06:00	24.00	FLOW	a	CLEAN	ALTERNATE BETWEEN 2 HR NATURAL FLOW & 1 HR UNLOAD & BLOW. RUN 2-3 BBL WATER SWEEPS AFTER UNLOAD. RETURNING 1/2 - 1 CUPS SAND IN 5 GAL SAMPLE DOWN TO 1/4 - 1/2 CUPS SAND.
10/21/2003	06:00 - 07:00	1.00	RURD	a	CLEAN	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:00 - 07:30	0.50	TRIP	a	CLEAN	TIH. TAG 13' FILL.
	07:30 - 08:30	1.00	BLOW	a	CLEAN	CO FILL. BLOW CLEAN.
	08:30 - 11:00	2.50	FLOW	a	CLEAN	NATURAL FLOW.
	11:00 - 12:00	1.00	BLOW	a	CLEAN	TAG 3' FILL. BLOW CLEAN.
	12:00 - 14:00	2.00	FLOW	a	CLEAN	NATURAL FLOW. TAG <1' FILL.
	14:00 - 15:00	1.00	NUND	a	CLEAN	LAND TBG W/ 2 3/8" EXP CHECK (WITHOUT GUTS); 2 3/8" X 1.780" ID SEATING NIPPLE; 1 JT 2 3/8", 4.7#, J-55, EUE, 8RD TBG; 2 3/8" X 2' PUP JT F/ MARKER; & 75 JTS 2 3/8" 4.7#, J-55, EUE, 8RD TBG. LAND @ 2378' KB. SN @ 2377' KB. ND BOP. NU WH.
	15:00 - 16:00	1.00	FLOW	a	CLEAN	FLOW UP ANNULUS. FINAL PITOT- 158 MCFPD.
	16:00 - 17:00	1.00	FLOW	a	CLEAN	FLOW UP TBG. RD EQUIP.
						83 JTS 2 3/8" NEW TBG ON LOC. RAN 76 JTS INTO WELL. SEND 7 JTS BACK TO YARD. TRANSFER 5 JTS USED 2 3/8" W/ RIG TO HARVEY ST. #11.