

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 SAN JUAN 29-7 UNIT				Well Number 102R		API Number 3003920514	
UL K	Section 15	Township 29 N	Range 7 W	Feet From The 1840 FSL	Feet From The 1550 FWL	County RIO ARRIBA	

II. Workover

Date Workover Commence 6/14/2003	Previous Producing Pool(s) (Prior to Workover): BLANCO MESAVERDE
Date Workover Completed: 6/26/2003	

- 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.		
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>	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 6/26/03.

Signature District Supervisor <u>[Signature]</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:

SAN JUAN 29-7 UNIT

102R

3003920514

REG_DTL_D

BLANCO MESAVERDE

6/1/2002	4616
7/1/2002	6373
8/1/2002	5927
9/1/2002	5751
10/1/2002	5847
11/1/2002	5555
12/1/2002	5414
1/1/2003	5727
2/1/2003	5135
3/1/2003	5436
4/1/2003	5274
5/1/2003	5558
6/1/2003	1510
7/1/2003	8746
8/1/2003	10768
9/1/2003	9958

BURLINGTON RESOURCES O&G CO

Operations Summary Report

Page 1 of 4

Legal Well Name: SAN JUAN 29-7 UNIT #102R
 Common Well Name: SAN JUAN 29-7 UNIT #102R
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Spud Date: 10/24/1972
 Start: 06/14/2003 End: 06/26/2003
 Rig Release: 06/26/2003 Group:
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
06/15/2003	06:00 - 07:00	1.00	MIMO	a	MIRU	TRAVEL TO LOC. WARM UP RIG.
	07:00 - 10:00	3.00	MIMO	a	MIRU	MIRU DRAKE #24.
	10:00 - 12:00	2.00	NUND	a	OBJECT	BLEED DOWN WELL. KILL WELL W/ 40 BBL 2% KCL WATER. ND WH. NU BOP. RU FLOOR. LAY BLOOIE LINE.
	12:00 - 13:30	1.50	TRIP	a	OBJECT	TOH W/ 2 3/8" PROD TBG.
	13:30 - 15:30	2.00	CASE	a	OBJECT	RU BLACK WARRIOR. RUN CCL/GR FROM 5400' TO 3300'. SET CIBP @ 5250'.
06/17/2003	15:30 - 16:00	0.50	RURD	a	OBJECT	SHUT IN. LOCK RAMS. SDFN.
	06:00 - 07:00	1.00	RURD	a	OBJECT	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:00 - 08:00	1.00	FLOW	a	OBJECT	BLEED DOWN WELL. KILL WELL W/ 30 BBL 2% KCL WATER.
	08:00 - 10:00	2.00	TRIP	a	OBJECT	PU 4 1/2" PACKER & RBP. TIH.
	10:00 - 10:30	0.50	PRES	a	OBJECT	SET PKR @ 5230'. PRESSURE TEST CIBP TO 3000 PSI F/ 15 MIN. OK.
	10:30 - 11:00	0.50	TRIP	a	OBJECT	RELEASE PKR. PULL UP TO 4784'. SET RBP @ 4784'.
	11:00 - 11:30	0.50	CIRC	a	OBJECT	ROLE HOLE W/ 2% KCL WATER.
	11:30 - 13:00	1.50	TRIP	a	OBJECT	TOH W/ PKR.
	13:00 - 14:30	1.50	NUND	a	OBJECT	CHANGE OUT TBG HEAD FOR 5000# FRAC HEAD. NU FRAC VALVE.
	14:30 - 15:00	0.50	PRES	a	OBJECT	ATTEMPT PRESSURE TEST CASING. BLEW HOLE IN CASING @ 2100 PSI.
	15:00 - 15:30	0.50	NUND	a	OBJECT	ND FRAC VALVE. NU BOP.
	15:30 - 16:30	1.00	TRIP	a	OBJECT	TIH W/ 7" PKR. SET PKR ABOVE LINER TOP @ 3300'.
	16:30 - 16:45	0.25	PRES	a	OBJECT	PRESSURE TEST LINER TOP & 4 1/2" CASING TO 3000 PSI. OK.
	16:45 - 17:45	1.00	PRES	a	OBJECT	TOH TESTING 7" CASING TO 1500 PSI. ISOLATE HOLE @ 250'. WILL CIRC TO SURF. CLOSE SURFACE VALVE. PUMPING 6 BPM @ 400 PSI.
06/18/2003	17:45 - 18:00	0.25	RURD	a	OBJECT	DUMP SAND ON RBP TO SETTLE OVERNIGHT. SI. SDFN.
	06:00 - 07:00	1.00	RURD	a	OBJECT	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:00 - 08:00	1.00	WAIT	a	OBJECT	W/O BLM APPROVAL TO SQUEEZE.
	08:00 - 09:00	1.00	RURD	a	OBJECT	RU BJ CEMENT EQUIP. SET 7" PKR ON 1 JT TBG @ 30'.
						ESTABLISH CIRC TO SURFACE. CLOSE SURFACE VALVE.
						ESTABLISH RATE @ 2 BPM @ 200 PSI.
	09:00 - 09:15	0.25	SAFE	a	OBJECT	SAFETY MEETING.
	09:15 - 11:30	2.25	CEMT	a	OBJECT	MIX & PUMP 250 SX TYPE III CEMENT W/ 2% CACL. CIRC CEMENT TO SURFACE AFTER 50 SX. CLOSE SURFACE VALVE. CONT'
						SQUEEZE 200 SX BEHIND 7". PRESSURE TO 550 PSI. DISPLACE W/ 5 BBL WATER. STAGE SQUEEZE 3 TIMES AFTER CLEARING PKR.
						PRESSURE TO 700 PSI. BROKE BACK. WAIT 15 MIN. PRESSURE TO 1000 PSI. BROKE BACK. WAIT 25 MIN. PRESSURE TO 1200 PSI. SQUEEZE HOLDING.
06/19/2003	11:30 - 14:30	3.00	WOCT	a	OBJECT	W/O CEMENT.
	14:30 - 15:00	0.50	TRIP	a	OBJECT	BLEED DOWN PRESSURE. PULL PKR. CLOSE RAMS.
	06:00 - 07:00	1.00	RURD	a	OBJECT	RE-PRESSURE WELL BORE TO 1000 PSI. SDFN.
	07:00 - 08:00	1.00	PULD	a	OBJECT	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	08:00 - 13:30	5.50	DRLG	a	OBJECT	PU 6 1/4" BIT & 4 3 1/8" DC'S. TAG CEMENT @ 120'.
	13:30 - 14:00	0.50	PRES	a	OBJECT	DRILL CEMENT FROM 120' TO 260'.
	14:00 - 15:00	1.00	TRIP	a	OBJECT	PRESSURE TEST CASING TO 500 PSI F/ 15 MIN. OK.
	15:00 - 15:30	0.50	CIRC	a	OBJECT	TIH W/ RETRIEVING HEAD.
	15:30 - 16:30	1.00	TRIP	a	OBJECT	CIRC SAND OFF TOP OF RBP @ 4784'.
	16:30 - 17:30	1.00	PERF	a	OBJECT	LATCH, EQUALIZE, & RELEASE RBP @ 4784'. TOH W/ RBP.
						RU BLACK WARRIOR. RUN PERFORATING GUN TO PERF
						MENEFEE. HIT SOMETUING @ 4850'. GUN STUCK.
						ATTEMPT TO WORK GUN FREE. CANNOT WORK FREE. PULL OUT

BURLINGTON RESOURCES O&G CO

Operations Summary Report

Page 2 of 4

Legal Well Name: SAN JUAN 29-7 UNIT #102R
 Common Well Name: SAN JUAN 29-7 UNIT #102R
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Spud Date: 10/24/1972
 Start: 06/14/2003 End: 06/26/2003
 Rig Release: 06/26/2003 Group:
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
06/19/2003	16:30 - 17:30	1.00	PERF	a	OBJECT	OF ROPE SOCKET. RECOVER ALL WIRELINE. SDFN.
06/20/2003	06:00 - 07:00	1.00	RURD	a	OBJECT	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:00 - 08:00	1.00	RURD	a	OBJECT	UNLOAD TOOLS & RU EQUIP.
	08:00 - 08:30	0.50	KILL	a	OBJECT	BLEED DOWN & KILL WELL.
	08:30 - 10:00	1.50	TRIP	a	OBJECT	PU 3 3/4" OVERSHOT W/ 3 1/8" GRAPPLE, BUMPER SUB, JARS, & 4 DC'S. TIH W/ FISHING TOOLS.
	10:00 - 11:00	1.00	FISH	a	OBJECT	TAG FISH @ 4855'. KNOCK DOWN HOLE. CHASE PERF GUN TO CIBP @ 5250'. LATCH FISH.
	11:00 - 12:00	1.00	TRIP	a	OBJECT	TOH W/ FISH.
	12:00 - 12:30	0.50	PULD	a	OBJECT	LD FISH & FISHING TOOLS.
	12:30 - 14:00	1.50	PERF	a	OBJECT	RU BLACK WARRIOR. PERF MENEFEES IN 2 RUNS W/ SHORTER GUNS.
	14:00 - 15:00	1.00	TRIP	a	OBJECT	4957' - 5238'. 25 INTERVALS. 25 HOLES. RD W/L
	15:00 - 15:15	0.25	SAFE	a	OBJECT	TIH W/ PKR. SET PKR @ 4946'.
06/21/2003	15:15 - 16:15	1.00	FRAC	a	OBJECT	SAFETY MEETING.
	16:15 - 17:15	1.00	TRIP	a	OBJECT	BREAKDOWN MEN PERFS W/ 1000 GALS 15% HCL. 7 BPM @ 2300 PSI. ON VACUME.
	06:00 - 07:00	1.00	RURD	a	OBJECT	TOH W/ PKR. SI. SECURE WELL. SDFN.
	07:00 - 09:30	2.50	PULD	a	OBJECT	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	09:30 - 11:00	1.50	WAIT	a	OBJECT	PU 7" PKR & 3 1/2" FRAC STRING. SET PKR @ 2503'.
	11:00 - 13:15	2.25	RURD	a	OBJECT	W/O FRAC CREW.
	13:15 - 13:30	0.25	SAFE	a	OBJECT	RU FRAC EQUIP.
	13:30 - 14:30	1.00	FRAC	a	OBJECT	SAFETY MEETING.
	14:30 - 15:15	0.75	RURD	a	OBJECT	FRAC MENEFEES W/ 50,000# 20/40 BRADY SAND & 1619 BBL SLICKWATER. AVERAGE RATE @ 48 BPM. AVERAGE PRESSURE @ 2200 PSI. WELL ON VACUME.
	15:15 - 16:15	1.00	TRIP	a	OBJECT	RD FRAC LINE. PULL FRAC VALVE & MANDREL. RELEASE PKR.
06/22/2003	16:15 - 17:15	1.00	PERF	a	OBJECT	TOH W/ FRAC STRING.
	17:15 - 19:00	1.75	TRIP	a	OBJECT	RU BLACK WARRIOR. SET CIBP @ 4774'. PERF LEWIS. 3873' - 4752'. 25 INTERVALS. 25 HOLES. RD W/L.
	06:00 - 07:00	1.00	RURD	a	OBJECT	TIH W/ PKR & FRAC STRING. SET PKR @ 2503'. NU FRAC MANDREL & FRAC VALVE. SDFN.
	07:00 - 07:15	0.25	SAFE	a	OBJECT	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:15 - 07:30	0.25	PRES	a	OBJECT	SAFETY MEETING.
	07:30 - 08:45	1.25	FRAC	a	OBJECT	PRESSURE TEST LINES TO 4000 PSI.
	08:45 - 10:00	1.25	RURD	a	OBJECT	FRAC LEWIS W/ 200,000# 20/40 BRADY SAND & 686 BBL 20# LINEAR GEL W/ 1,295,300 SCF N2 AS 75Q FOAM. AVERAGE BH FOAM RATE @ 39 BPM. AVERAGE PRESSURE @ 2980 PSI.
	10:00 - 06:00	20.00	FLOW	a	CLEAN	RD FRAC EQUIP. RU FLOW LINE.
						FLOW BACK FRAC THRU CHOKES.
						10/64" - 1250 PSI- 1240 PSI. HVY FOAM. HVY MIST. LT SAND.
06/23/2003						12/64" - 1240 PSI- 1150 PSI. HVY FOAM. HVY MIST. LT SAND
						14/64" - 1150 PSI- 950 PSI. HVY FOAM. HVY MIST. LT SAND.
						16/64" - 950 PSI- 750 PSI. HVY FOAM. HVY MIST. MOD SAND.
						18/64" - 750 PSI- 525 PSI. HVY FOAM. HVY MIST. LT SAND.
						24/64" - 525 PSI- 300 PSI. HVY FOAM. HVY MIST. TRACE SAND.
						32/64" @ REPORT TIME. 250 PSI. HVY FOAM. HVY MIST & TRACE SAND.
						CONT' FLOW WELL BACK.
						48/64" - 250 PSI- 80 PSI. MOD FOAM. HVY MIST. TRACE SAND.
						OPEN ON 2". 80 PSI- 10 PSI. LT FOAM. MOD- HVY MIST.
						TRACE SAND. SLUGGING LITTLE FLUID DOWN TO ALMOST NO

Operations Summary Report

Legal Well Name: SAN JUAN 29-7 UNIT #102R
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 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Start: 06/14/2003 Spud Date: 10/24/1972
 Rig Release: 06/26/2003 End: 06/26/2003
 Rig Number: 24 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
06/23/2003	06:00 - 06:00	24.00	FLOW	a	CLEAN	FLUID.
06/24/2003	06:00 - 07:00	1.00	RURD	a	CLEAN	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:00 - 07:30	0.50	KILL	a	CLEAN	KILL WELL W/ 40 BBL 2% KCL WATER.
	07:30 - 08:30	1.00	NUND	a	CLEAN	ND FRAC VALVE & FRAC MANDREL. RELEASE PKR.
	08:30 - 10:30	2.00	PULD	a	CLEAN	LAY DOWN 3 1/2" FRAC STRING.
	10:30 - 11:00	0.50	RURD	a	CLEAN	CHANGE RAMS. X-OVER TO 2 3/8" EQUIP.
	11:00 - 12:30	1.50	TRIP	a	CLEAN	TIH W/ 3 7/8" MILL TAG SAND FILL @ 4635'.
	12:30 - 14:00	1.50	BLOW	a	CLEAN	CO SAND TO CIBP @ 4774'.
	14:00 - 15:30	1.50	MILL	a	CLEAN	MILL UP CIBP @ 4774'.
	15:30 - 18:00	2.50	BLOW	a	CLEAN	TIH. TAG SAND FILL @ 5000'. CO 250' FILL TO CIBP @ 5250'.
	18:00 - 06:00	12.00	BLOW	a	CLEAN	RETURNING HVY SAND & 6-7 BPH FRAC FLUID. BLOW WELL CLEAN OVERNIGHT. RETURNING 6-8 BPH W/ HVY SAND DOWN TO 3-4 BPH W/ LT/MOD SAND.
06/25/2003	06:00 - 07:00	1.00	RURD	a	CLEAN	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:00 - 09:30	2.50	MILL	a	CLEAN	MILL UP JUNK FROM CIBP @ 4774' ON TOP OF CIBP @ 5250'.
	09:30 - 13:15	3.75	MILL	a	CLEAN	MILL UP CIBP @ 5250'.
	13:15 - 17:00	3.75	BLOW	a	CLEAN	TIH. CO TO PBTD @ 5575'. BLOWING WELL CLEAN. RETURNING 6-8 BPH WATER W/ MOD SAND. SLUGGING FLUID EVERY 15-20 MIN.
	17:00 - 06:00	13.00	BLOW	a	CLEAN	BLOW WELL CLEAN OVERNIGHT. RETURNING 6-8 BPH W/ MOD SAND DOWN TO 3-4 BPH W/ LT SAND.
06/26/2003	06:00 - 07:00	1.00	RURD	a	CLEAN	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:00 - 08:00	1.00	BLOW	a	CLEAN	BLOWING WELL CLEAN.
	08:00 - 09:00	1.00	TRIP	a	CLEAN	TOH W/ MILL ABOVE LINER TOP.
	09:00 - 13:00	4.00	FLOW	a	CLEAN	FLOW WELL NATURALLY. UNLOADED HVY WATER & SAND. RETURNING 7-8 BPH WATER & MOD SAND. (1/1/2 CUPS) DOWN TO 5-6 BPH W/ LT SAND. (1/2 CUP).
	13:00 - 14:00	1.00	TRIP	a	CLEAN	CONT' TOH. TIH W/ DC'S. LD DC'S.
	14:00 - 16:00	2.00	TRIP	a	CLEAN	TIH W/ EXPENDABLE CHECK. BROACH TBG. CHANGE OUT 4 CRIMPED JTS.
	16:00 - 17:00	1.00	BLOW	a	CLEAN	CO 15' FILL. BLOW CLEAN.
	17:00 - 18:00	1.00	TRIP	a	CLEAN	TOH ABOVE LINER.
	18:00 - 06:00	12.00	FLOW	a	CLEAN	FLOW WELL OVERNIGHT ABOVE LINER TOP. RETURNING 6-7 BPH W/ LT SAND DOWN TO 3-4 BPH W/ LT TRACE SAND.
06/27/2003	06:00 - 07:00	1.00	RURD	a	CLEAN	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:00 - 08:00	1.00	TRIP	a	CLEAN	TRIP BACK INTO LINER. TAG 4' FILL.
	08:00 - 13:00	5.00	BLOW	a	CLEAN	BLOW WELL CLEAN. RETURNING 2.5 BPH W/ TRACE SAND.
	13:00 - 14:00	1.00	NUND	a	CLEAN	RAN 2 3/8" EXPENDABLE CHECK; 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; 171 JTS 2 3/8", 4.7#, J-55, EUE, 8RD TBG. LAND @ 5457' KB. SN @ 5456'.
	14:00 - 15:00	1.00	BLOW	a	CLEAN	ND BOP. NU WH.
	15:00 - 16:00	1.00	FLOW	a	CLEAN	PUMP OFF CHECK & BLOW CLEAN.
	16:00 - 17:00	1.00	FLOW	a	CLEAN	FLOW WELL UP CASING TO EVACUATE ANNULUS OF AIR. FLOW WELL UP TBG TO MAKE SURE CHECK PUMPED OFF. RD EQUIP.
						PULLED 172 JTS 2 3/8" TBG FROM WELL. 11 JTS TRANSFERRED FROM PREVIOUS WELL. 20 MORE JTS SEND FROM YARD. TOTAL

BURLINGTON RESOURCES O&G CO
Operations Summary Report

Page 4 of 4

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Common Well Name: SAN JUAN 29-7 UNIT #102R
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Contractor Name: DRAKE WELL SERVICE
Rig Name: DRAKE

Start: 06/14/2003 Spud Date: 10/24/1972
End: 06/26/2003
Rig Release: 06/26/2003 Group:
Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
06/27/2003	16:00 - 17:00	1.00	FLOW	a	CLEAN	203 JTS ON LOC. RAN 172 JTS BACK INTO WELL. REPLACED 4 BAD JTS. RETURN TO YARD 4 BAD JTS FROM SJ 29-7 #102R, 11 BAD JTS FROM 29-7 #52A. TRANSFER 16 GOOD JTS TO SJ 29-7 #85B.