

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				Well Number 23A		API Number 3004522751	
UL	Section	Township	Range	Feet From The	Feet From The	County	
F	33	29 N	9 W	1460 FNL	1795 FWL	SAN JUAN	

II. Workover

Date Workover Commence 3/29/2003	Previous Producing Pool(s) (Prior to Workover): BLANCO MESAVERDE
Date Workover Completed: 4/3/2003	

- 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>2/17/04</u>
SUBSCRIBED AND SWORN TO before me this <u>17th</u> day of <u>February</u> <u>2004</u> .		
My Commission expires: <u>September 15, 2004</u>		Notary Public <u>Nancy Oltramano</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 4/3/03.

Signature District Supervisor <u>[Signature]</u>	OCD District <u>3</u>	Date <u>2/18/04</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

SAN JUAN

23A

3004522751

REG_DTL_D

BLANCO MESAVERDE

4/1/2002	1696
5/1/2002	1831
6/1/2002	1402
7/1/2002	1864
8/1/2002	1730
9/1/2002	1807
10/1/2002	1756
11/1/2002	1552
12/1/2002	1197
1/1/2003	1338
2/1/2003	1109
3/1/2003	1201
4/1/2003	2471
5/1/2003	2602
6/1/2003	1891
7/1/2003	1818

BURLINGTON RESOURCES DIVISIONS

Page 1 of 3

Operations Summary Report

Legal Well Name: SAN JUAN #23A
 Common Well Name: SAN JUAN #23A
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Start: 03/29/2003
 Rig Release: 04/03/2003
 Rig Number: 26

Spud Date: 03/20/1978
 End: 04/03/2003
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
03/30/2003	06:30 - 10:30	4.00	MIMO	a	MIRU	SPOT IN RIG & AIR EQUIP. { RIG CREW RELEASED FOR FIRST AID CLASS }, WILL RU 3/31/2003 AM
04/01/2003	06:00 - 08:30	2.50	RURD	a	OBJECT	ROAD CREW TO LOCATION. START RIG, { PREHEATER NOT WORKING }. HAD TO XO STARTER ON RIG MOTOR
						R/U 2" BLOW DOWN LINE
						SICP -275 PSI
	08:30 - 08:45	0.25	SAFE	a	OBJECT	SAFETY MEETING
	09:45 - 11:15	1.50	RURD	a	OBJECT	SPOT RIG ON RAMP. KILL TBG W/ 10 BBLS 2% KCL. N/D TBG HEAD, N/U BOP. FUNCTION TEST RAMS. R/U 6" BLOOIE LINE. R/U UNIT. DERRICK IN AIR @ 1015AM. R/U FLOOR. UNSEAT TBG HANGER
	11:15 - 12:30	1.25	TRIP	a	OBJECT	TOOH W/ 156 JTS 2-3/8" TBG.
						TBG IN GOOD CONDITION, NO SCALE OR CORROSION
	12:30 - 12:45	0.25	PULD	a	OBJECT	P/U CIBP & SETTING TOOL
	12:45 - 13:45	1.00	TRIP	a	OBJECT	TIH W/ 56 STDS & CIBP
						CIBP PRE-SET @ 3405'
	13:45 - 14:00	0.25	PCKR	a	OBJECT	SHEAR OFF OF CIBP
	14:00 - 14:45	0.75	TRIP	a	OBJECT	TOOH W/ SETTING TOOL
	14:45 - 15:00	0.25	PULD	a	OBJECT	L/D SETTING TOOL. P/U 3-7/8" JUNK MILL
	15:00 - 15:45	0.75	TRIP	a	OBJECT	TIH W/ MILL
	15:45 - 16:00	0.25	RURD	a	OBJECT	R/U SWIVEL
	16:00 - 16:30	0.50	DRLG	a	OBJECT	D/O CIBP @ 3405' W/ 700 SCF AIR & 12 BPH MIST
	16:30 - 16:45	0.25	RURD	a	OBJECT	R/D SWIVEL. RUN TBG TO 3672'
	16:45 - 17:30	0.75	TRIP	a	OBJECT	TOOH W/ MILL
	17:30 - 17:45	0.25	RURD	a	OBJECT	R/U BWWC
04/02/2003	17:45 - 18:30	0.75	CASE	a	OBJECT	RUN GR-CCL F 3650' > 2750
	18:30 - 19:00	0.50	CASE	a	OBJECT	SET 4-1/2" CIBP ON WIRELINE @ 3614'
	19:00 - 19:15	0.25	RURD	a	OBJECT	R/U THREE RIVERS. BULL HEAD 500 GALS 15% HCL
	19:15 - 19:45	0.50	PUMP	a	OBJECT	LOAD HOLE W/ 105 BBLS 2% KCL
	19:45 - 20:15	0.50	PRES	a	OBJECT	SET 7" FB PKR @ 31'. PSI TEST CSG & CIBP W/ 3000 PSI FOR 10 MIN. TEST OK
	20:15 - 20:30	0.25	RURD	a	OBJECT	L/D PKR, P/U PERF GUN
	20:30 - 21:00	0.50	PERF	a	OBJECT	PERF CHACRA INTERVAL @
						2903',2905',2917',2967',2982',2986',3123',3125',3136',3138',3189',3195',3202',3205',3209',3229',3309',3313',3326',3329',3391',3402',3429',3489',3523', W/ 3-1/8" HSC, 1 SPF, 0.32 DIA, 25 HOLES TOTAL
	21:00 - 21:30	0.50	SHDN	a	OBJECT	R/D BWWC. SECURE WELL. SDFN
	06:00 - 07:00	1.00	MIMO	a	OBJECT	ROAD FRAC CREW & RIG CREW TO LOCATION
	07:00 - 08:15	1.25	RURD	a	OBJECT	SET FB PKR @ 31'. R/U FRAC MANDREL & SCHLUMBERGER FRAC CREW
	08:15 - 08:30	0.25	PRES	a	OBJECT	PRIME PUMPS, COOL DOWN N2. PSI TEST LINES W/ 4000 PSI.
	08:30 - 08:45	0.25	SAFE	a	OBJECT	SAFETY MEETING. { FRAC PROCEDURE, MAX PSI, SAFETY PROCEDURES }, 24 PEOPLE PRESENT
	08:45 - 09:45	1.00	FRAC	a	OBJECT	BREAKDOWN CHACRA PERFS @ 1090 PSI @ 4 BPM. FRAC W/ 575 BBLS, 20# LINEAR GEL, 75 QUALITY FOAM @ 50 > 56 BPM, & 200,000 LBS 20/40 ARIZONA SAND, 1 > 3 PPG. FLUSH W/ 34 FLUID BBLS & 64,088 SCF N2. ISIP- 1580. AIR - 53 BPM, MAX - 56 BPM, AIP - 2332, MAX PSI -2797
	09:45 - 10:30	0.75	RURD	a	OBJECT	R/D FRAC EQUIP. R/U FLOW BACK LINE & MANIFOLD
	10:30 - 06:00	19.50	FLOW	a	OBJECT	SICP- 1350. START FLOW BACK THRU 16/64 CHOKE
						TIME---PSI---CHOKE---RETURNS
						1130 1150 16/64 DENSE MIST,TRACE SAND
						1230 1150 16/64 DENSE MIST,HVY SAND,XO TO 8/64

BURLINGTON RESOURCES DIVISIONS

Page 2 of 3

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 Rig Name: DRAKE

Start: 03/29/2003
 Rig Release: 04/03/2003
 Rig Number: 26

Spud Date: 03/20/1978
 End: 04/03/2003
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
04/02/2003	10:30 - 06:00	19.50	FLOW	a	OBJECT	1430 1000 8/64 MOD MIST,HVY SAND 1630 1050 8/64 MOD MIST,HVY SAND 1830 980 8/64 MOD MIST,LITE SAND,XO TO 16/64 1930 1050 16/64 DENSE MIST,LITE SAND 2030 1100 16/64 DENSE MIST,LITE SAND 2130 1040 16/64 DENSE MIST,LITE SAND,XO TO 20/64 2230 950 20/64 DENSE MIST,LITE SAND 2330 900 20/64 DENSE MIST,LITE SAND,XO TO 24/64 2430 830 24/64 DENSE MIST,LITE SAND 0130 800 24/64 DENSE MIST,LITE SAND,XO TO 32/64 0230 700 32/64 DENSE MIST,LITE SAND 0330 600 32/64 DENSE MIST,LITE SAND,XO TO 48/64 0430 450 48/64 DENSE MIST,LITE SAND 0530 300 48/64 DENSE MIST,LITE SAND,ADD 32/64
04/03/2003	06:00 - 08:45	2.75	FLOW	a	OBJECT	FLOW WELL BACK THRU 32 & 48/64 CHOKE. TIME---PSI---CHOKE---RETURNS 0600 330 32 & 48/64 DENSE MIST,LITE SAND 0700 295 32 & 48/64 DENSE MIST,LITE SAND,OPEN THRU 2" 0900 85 2" SURGING FOAM & MIST
	08:45 - 09:00	0.25	SAFE	a	OBJECT	SAFETY MEETING
	09:00 - 09:15	0.25	KILL	a	OBJECT	KILL CSG W/ 70 BBLS 2% KCL
	09:15 - 09:45	0.50	PULD	a	OBJECT	L/D PKR & FRAC MANDREL. P/U 3-7/8" JUNK MILL
	09:45 - 10:00	0.25	KILL	a	OBJECT	KILL CSG W/ 20 BBLS 2% KCL
	10:00 - 10:45	0.75	TRIP	a	OBJECT	TIH W/ MILL & 57 STDS. TAG FILL @ 3483'
	10:45 - 11:00	0.25	RURD	a	OBJECT	R/U SWIVEL
	11:00 - 11:15	0.25	CIRC	a	OBJECT	ESTAB CIRC W/ 1500 SCF AIR & 12 BPH MIST
	11:15 - 12:00	0.75	COUT	a	OBJECT	C/O FILL TO CIBP @ 3614'
	12:00 - 13:00	1.00	DRLG	a	OBJECT	D/O CIBP
	13:00 - 13:15	0.25	RURD	a	OBJECT	R/D SWIVEL
	13:15 - 13:45	0.50	TRIP	a	OBJECT	CONT' TO TIH. TAG 134' OF FILL
	13:45 - 14:00	0.25	RURD	a	OBJECT	R/U SWIVEL
	14:00 - 15:00	1.00	COUT	a	OBJECT	ESTAB CIRC W/ 1500 SCF AIR & 12 BPH MIST. DRILL UP BOTTOM OF CIBP & C/O TO PBTD @ 4886' { BOTTOM PLO PERF @ 4831' }
	15:00 - 15:15	0.25	RURD	a	OBJECT	R/D SWIVEL
	15:15 - 16:15	1.00	TRIP	a	OBJECT	TOOH W/ MILL
						WELL FLOWING 9.8 BPH FRAC FLUID
	16:15 - 16:30	0.25	PULD	a	OBJECT	L/D MILL. P/U EXPEND CK & SN
	16:30 - 17:30	1.00	TRIP	a	OBJECT	TIH W/ 78 STDS 2-3/8" TBG
	17:30 - 19:00	1.50	BLOW	a	OBJECT	BLOW WELL @ 4778' W/ 700 SCF AIR. RETURNS - 1.0 BPH WTR W/ TRACE SAND
	19:00 - 21:00	2.00	BLOW	a	OBJECT	BLOW WELL @ 4778' W/ 700 SCF AIR & 7 BPH MIDT. RETURNS- 7 BPH WTR W/ 1/8 CUP SAND
	21:00 - 06:00	9.00	FLOW	a	OBJECT	ALTERNATE FLOW NATURAL 2 HRS, { RETURNS - DRY GAS }, THEN BLOW WELL W/ 700 SCF AIR FOR 1 HR, { RECOVER EST 1.5 BPH FLUID W/ NO SAND }
04/04/2003	06:00 - 06:45	0.75	FLOW	a	OBJECT	FLOW WELL NATURAL. RETURNS - 1.4 BPH WTR W/ NO SAND
	06:45 - 07:00	0.25	SAFE	a	OBJECT	SAFETY MEETING
	07:00 - 07:30	0.50	BRCH	a	OBJECT	RUN BROACH TO SN @ 4778'
	07:30 - 07:45	0.25	PULD	a	OBJECT	P/U EXTRA TBG, TAG 30' OF FILL
	07:45 - 08:30	0.75	COUT	a	OBJECT	C/O TO PBTD W/ 1500 SCF AIR & 8 BPH MIST
	08:30 - 09:00	0.50	RURD	a	OBJECT	L/D 4 EXTRA JTS. LAND TBG ON HANGER. R/D FLOOR

BURLINGTON RESOURCES DIVISIONS

Page 3 of 3

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Rig Name: DRAKE

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Rig Number: 26

Spud Date: 03/20/1978
End: 04/03/2003
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
04/04/2003	09:00 - 09:15	0.25	NUND	a	OBJECT	N/D BOP, N/U UPPER WELL HEAD
	09:15 - 09:30	0.25	PUMP	a	OBJECT	PUMP OFF CK, BLOW WELL
	09:30 - 10:30	1.00	FLOW	a	OBJECT	FLOW THRU TBG TO PURGE AIR. SI WELL @ 1030 HRS
	10:30 - 11:30	1.00	RURD	a	OBJECT	FINISH R/D. RELEASE RIG @ 1130 HRS
SUMMARY: PERF & FRAC CHACRA INTERVAL W/ 575 BBLS 20# LINEAR GEL, 75 QUALITY FOAM, & 200,000 LBS 20/40 SAND. D/O CIBP, C/O TO PBD @ 4886'						
TBG DETAIL: RAN EXPEND CK, SN { ID-1.780 }, 1 JT TBG, 2' PUP JT, 155 JTS 2-3/8" TBG. EOT @ 4782.14', LANDED @ 4793' KB, { SEE WELL BORE REPORT }						