

New Mexico
Energy Minerals and Natural Resources Department

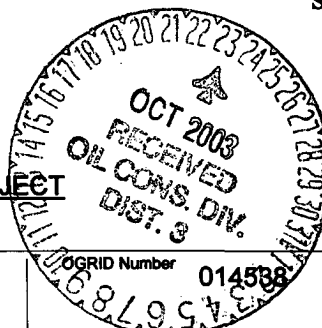
Form C-140
Revised 06/99

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			Well Number		API Number
SAN JUAN 29-7 UNIT			79A		3003921623
UL	Section	Township	Range	Feet From The	Feet From The
C	05	29 N	7 W	950 FNL	1840 FWL
					County
					RIO ARRIBA

II. Workover

Date Workover Commence	2/17/2003	Previous Producing Pool(s) (Prior to Workover): BLANCO MESAVERDE
Date Workover Completed:	2/22/2003	

- 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>10/22/03</u>
SUBSCRIBED AND SWORN TO before me this <u>22nd</u> day of <u>October</u> , 2003.	
My Commission expires:	Notary Public
<u>September 15, 2004</u>	<u>Nancy Altman</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 2/22/03.

Signature District Supervisor <u>35.8</u>	OCD District <u>3</u>	Date <u>12/6/03</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

REG_DTL_D

BLANCO MESAVERDE

2/1/2002	7054
3/1/2002	7723
4/1/2002	7083
5/1/2002	7427
6/1/2002	5515
7/1/2002	7371
8/1/2002	6721
9/1/2002	6684
10/1/2002	7151
11/1/2002	6907
12/1/2002	6934
1/1/2003	7334
2/1/2003	4397
3/1/2003	7383
4/1/2003	7436
5/1/2003	8083

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Operations Summary Report

Legal Well Name: SAN JUAN 29-7 UNIT #79A
 Common Well Name: SAN JUAN 29-7 UNIT #79A
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Spud Date: 04/24/1978
 Start: 02/17/2003 End: 02/22/2003
 Rig Release: 02/22/2003 Group:
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
02/17/2003	06:00 - 07:00	1.00	SRIG	a	RDMO	ROAD CREW TO SJ 29-7 # 47 B. START RIG
	07:00 - 08:30	1.50	MIMO	a	MIRU	ROAD UNIT TO LOCATION. { RIG RAN OUT OF FUEL-PLUGGED FUEL FILTERS }
	08:30 - 08:45	0.25	SAFE	a	MIRU	SAFETY MEETING
	08:45 - 09:15	0.50	RURD	a	MIRU	SPOT IN EQUIP. START TO R/U. { FUEL PROBLEMS }.
	09:15 - 10:15	1.00	RRSR	a	MIRU	RPLCE FUEL FILTERS & PURGE FUEL SYSTEM
	10:15 - 14:00	3.75			MIRU	FIN R/U. DERRICK IN AIR @ 1115 HRS. KILL TBG W/ 10 BBLS 2% KCL. N/U BOP. FUNCTION TEST RAMS. R/U 6" BLOOIE LINE & 2" BLOW DOWN LINE. R/U FLOOR
	14:00 - 15:45	1.75	TRIP	a	OBJECT	TOOH W/ 181 JTS 2-3/8" TBG. TBG CLEAN W/ NO SCALE OR CORROSION. FOUND SN 3 JTS OFF OF BOTTOM, 1 JT BELOW SN BENT
	15:45 - 16:00	0.25	RURD	a	OBJECT	R/U BWWC
	16:00 - 17:15	1.25	CASE	a	OBJECT	RUN GR-CCL F 4600 TO 3000'
	17:15 - 17:30	0.25	PULD	a	OBJECT	L/D LOGGING TOOL, P/U CIBP
	17:30 - 18:00	0.50	CASE	a	OBJECT	SET 4-1/2" CIBP @ 4500'
	18:00 - 18:45	0.75	PUMP	a	OBJECT	LOAD HOLE 2% KCL
	18:45 - 19:00	0.25	PCKR	a	OBJECT	P/U 7" FULLBORE PKR. SET @ 31'
	19:00 - 19:15	0.25	PRES	a	OBJECT	R/U THREE RIVERS. PSI TEST CSG W/ 3000 PSI FOR 10 MIN. TEST OK
	19:15 - 20:00	0.75	RURD	a	OBJECT	R/D THREE RIVERS. L/D PKR. DRAIN PUMP & LINES. SECURE WELL. SDFN
02/20/2003	08:30 - 13:15	4.75	MIMO	a	MIRU	MOVE IN FRAC CREW. USED ACE SERVICES TO ASSIST CREW FROM PAVEMENT TO LOCATION
	13:15 - 13:45	0.50	PERF	a	OBJECT	BWWC PERFORATED LEWIS INTERVAL @ 4432',4326',4210',4142',4064',4048',3994',3968',3965',3942',3933',3925',3922',3916',3912',3907',3903',3881',3852',3760',3700',3696',3688',3678',3673', W/ 3-1/8" HSC, 1 SPF, 0.32 DIA, 25 HOLES TOTAL
	13:45 - 14:15	0.50	PCKR	a	OBJECT	CONT' TO R/U FRAC CREW
	14:15 - 14:30	0.25	SAFE	a	OBJECT	SET 7" FULL BORE PKR @ 31'. R/U HOLD DOWN MANDREL, FRAC VALVE & FRAC "Y". R/U FRAC LINES
	14:30 - 14:45	0.25	PRES	a	OBJECT	SAFETY MEETING, { FRAC PROCEDURE, MAX PSI, & EMERGENCY PROCEDURES }, 21 PEOPLE PRESENT
	14:45 - 16:00	1.25	FRAC	a	OBJECT	PRIME PUMPS, COOL DOWN N2. PSI TEST LINES TO 4000 PSIO
						BREAK DOWN LEWIS PERFS @ 1600 PSI @ 2.0 BPM. PUMP 10,000 GAL SLICK WTR -85 QUALITY FOAM PAD @ 27> 30 BPM @ 2800>2486 PSI. FRAC W/ 65,000 LBS 20/40 ARIZONA SAND 75 QUALITY SLICKWTR FOAM @ 0.25 > 1>0 PPG @ 35>40 BPM @ 2531>2695 PSI. FLUSH W/ 39 FLUID BBLS & 59,300 SCF N2. ISIP - 1420 PSI. AIR - 39 BPM, MAX RATE- 41 BPM. AIP - 2600, MAX - 2800. FRAC LOAD TO RECOVER- 642 BBLS, 1,594,300 SCF N2
	16:00 - 17:30	1.50	RURD	a	OBJECT	R/D FRAC CREW. R/U FLOW BACK LINE
	17:30 - 06:00	12.50	FLOW	a	OBJECT	SICP - 1200 PSI. START FLOW BACK THRU 16/64 CHOKE TIME-----PSI-----CHOKE-----RETURNS 1800 1040 16/64 DENSE MIST-TRACE SAND 1900 1180 16/64 DENSE MIST-LITE SAND 2000 1220 16/64 DENSE MIST-LITE SAND 2100 1200 16/64 DENSE MIST-LITE SAND,XO TO 20/64 2200 1100 20/64 DENSE MIST-LITE SAND 2300 900 20/64 DENSE MIST-LITE SAND,XO TO 24/64 2400 780 24/64 DENSE MIST,TRACE SAND 0100 680 24/64 DENSE MIST,TRACE SAND,XO TO 32/64

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Operations Summary Report

Legal Well Name: SAN JUAN 29-7 UNIT #79A

Common Well Name: SAN JUAN 29-7 UNIT #79A

Event Name: CAP WORKOVER

Start: 02/17/2003

Spud Date: 04/24/1978

Contractor Name: DRAKE WELL SERVICE

Rig Release: 02/22/2003

End: 02/22/2003

Rig Name: DRAKE

Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
02/20/2003	17:30 - 06:00	12.50	FLOW	a	OBJECT	0200 540 32/64 DENSE MIST, TRACE SAND 0300 420 32/64 DENSE MIST, TRACE SAND, XO TO 48/64 0400 280 48/64 DENSE MIST, TRACE SAND 0500 140 48/64 DENSE MIST, TRACE SAND
02/21/2003	06:00 - 09:00	3.00	FLOW	a	OBJECT	FLOW WELL BACK THRU 2". FCP - 140 > 15 PSI. RETURNS- HVY TO LITE MIST, SURGING FOAM W/ MED SAND
	09:00 - 09:15	0.25	SAFE	a	OBJECT	SAFETY MEETING
	09:15 - 10:00	0.75	KILL	a	OBJECT	R/U PUMP. FCP - 15 PSI. KILL CSG W/ 40 BBLs 2% KCL
	10:00 - 10:30	0.50	PULD	a	OBJECT	RELEASE & LD PKR & HOLD DOWN FLANGE
	10:30 - 11:00	0.50	RURD	a	OBJECT	XO TO 2-3/8" HANDLING TOOLS & PIPE RAMS FUNCTION TEST RAMS
	11:00 - 11:15	0.25	PULD	a	OBJECT	P/U 3-7/8" JUNK MILL, BIT SUB & STRING FLOAT
	11:15 - 12:15	1.00	TRIP	a	OBJECT	TALLY & TIH W/ 72 STDS. TAG 42' OF FILL
	12:15 - 12:30	0.25	RURD	a	OBJECT	R/U SWIVEL
	12:30 - 13:00	0.50	CIRC	a	OBJECT	ESTAB CIRC W/ 1500 SCF AIR & 12 BPH MIST.
	13:00 - 13:15	0.25	COUT	a	OBJECT	C/O TO CIBP @ 4500'
	13:15 - 13:45	0.50	DRLG	a	OBJECT	D/O CIBP @ 4500'
	13:45 - 14:15	0.50	BLOW	a	OBJECT	BLOW WELL @ 4515' W/ 1500 SCF AIR & 10 BPH MIST
	14:15 - 14:30	0.25	RURD	a	OBJECT	R/D SWIVEL
	14:30 - 14:45	0.25	TRIP	a	OBJECT	CONT' TO TIH. TAG @ 5483' WELL FLOWING 4.8 BPH FRAC FLUID
	14:45 - 15:00	0.25	RURD	a	OBJECT	R/U SWIVEL
	15:00 - 16:00	1.00	COUT	a	OBJECT	ESTAB CIRC W/ 1500 SCF AIR & 12 BPH MIST. DRILL UP BOTTOM OF CIBP & C/O TO PBTD @ 5527'
	16:00 - 16:30	0.50	BLOW	a	OBJECT	BLOW WELL @ 5527' W/ 700 SCF AIR & 5 BPH MIST. RETURNS - 8.8 BPH WTR W/ 1/4 CUP SAND
	16:30 - 17:00	0.50	RURD	a	OBJECT	R/D SWIVEL. PULL UP 90'
	17:00 - 23:00	6.00	BLOW	a	OBJECT	BLOW WELL @ 5437' W/ 700 SCF AIR & 5 BPH MIST. RETURNS- 8.9 > 6.4 BPH WTR W/ 1/2 > 1/8 CUP SAND
	23:00 - 01:00	2.00	FLOW	a	OBJECT	FLOW WELL NATURAL. RETURNS - DRY GAS
	01:00 - 03:00	2.00	BLOW	a	OBJECT	BLOW WELL @ 5437' W/ 700 SCF AIR. RETURNS- 4.8 > 1.2 BPH WTR W/ TRACE SAND
	03:00 - 05:00	2.00	FLOW	a	OBJECT	FLOW WELL NATURAL. RETURNS- DRY GAS
	05:00 - 06:00	1.00	BLOW	a	OBJECT	BLOW WELL @ 5437' W/ 700 SCF AIR
02/22/2003	06:00 - 07:00	1.00	FLOW	a	OBJECT	FLOW WELL NATURAL. RETURNS - 0.75 BPH WTR W/ NO SAND ROAD CREW TO LOCATION
	07:00 - 07:30	0.50	SAFE	a	OBJECT	SAFETY MEETING
	07:30 - 08:45	1.25	TRIP	a	OBJECT	TOOH W/ MILL
	08:45 - 09:00	0.25	PULD	a	OBJECT	L/D MILL. P/U 2-3/8" EXPEND CK & SN
	09:00 - 09:15	0.25	TRIP	a	OBJECT	TIH W/ 20 STDS TBG. DRUM BRAKES NOT HOLDING
	09:15 - 11:00	1.75	RRSR	a	OBJECT	ADJUST DRUM BRAKES
	11:00 - 12:30	1.50	TRIP	a	OBJECT	TIH W/ PROD TBG. RUN BROACH EVERY 36 STDS. TAG 62' OF FILL
	12:30 - 14:00	1.50	CIRC	a	OBJECT	ESTAB CIRC W/ 1500 SCF AIR & 6 BPH MIST. C/O TO PBTD. UNABLE TO MAINTAIN FULL FLUID RETURNS. PUMP 5 BBL SWEEP PULL UP. FLOW WELL NATURAL. RETURNS - 0.5 BPH WTR W/ NO SAND. CK FILL AFTER 1 HR, FOUND 10' OF NEW FILL. AFTER 2 HRS, FOUND 5' OF ADDITIONAL FILL
	14:00 - 16:00	2.00	FLOW	a	OBJECT	R/D SWIVEL. PULL UP 75'
	16:00 - 16:30	0.50	RURD	a	OBJECT	ALTERNATE FLOW NATURAL FOR 3 HRS, { RETURNS - 1.0 BPH WTR W/ NO SAND, THEN BLOW W/ 700 SCF AIR FOR 1.5 HRS. { RETURNS 3.5 > 0.5 BPH WTR W/ TRACE SAND
	16:30 - 06:00	13.50	FLOW	a	OBJECT	AIR PKG FUEL USED- 131.28 GALS

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Common Well Name: SAN JUAN 29-7 UNIT #79A

Event Name: CAP WORKOVER

Contractor Name: DRAKE WELL SERVICE

Rig Name: DRAKE

Spud Date: 04/24/1978

Start: 02/17/2003

End: 02/22/2003

Rig Release: 02/22/2003

Group:

Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
02/22/2003	16:30 - 06:00	13.50	FLOW	a	OBJECT	RUN TIME= 1.5 HRS W/ 2 COMPRESSORS 1 BOOSTER 1 MIST PUMP RUN TIME- 4 HRS W/ 1 COMPRESSOR 1 BOOSTER 1 MIST PUMP
02/23/2003	06:00 - 06:45	0.75	FLOW	a	OBJECT	NATURAL FLOW WELL. RETURNS- 0.75 BPH WTR W/ TRACE OIL. ROAD CREW TO LOCATION
	06:45 - 07:00	0.25	SAFE	a	OBJECT	SAFETY MEETING
	07:00 - 08:30	1.50	COUT	a	OBJECT	C/O 30' OF FILL W/ 1500 SCF AIR & 2 BPH MIST. PUMP-OFF CK
	08:30 - 09:00	0.50	RURD	a	OBJECT	LAND PROD TBG. R/D FLOOR
	09:00 - 09:15	0.25	NUND	a	OBJECT	N/D BOP, N/U WH
	09:15 - 10:30	1.25	RURD	a	OBJECT	FLOW WELL THRU TBG WHILE R/D. FINAL TBG PITOT GAUGE - 331 MCF. { 4.5 OZ ON 2" } WELL SI @ 1015 HRS. RIG RELEASED @ 1030 HRS SUMMARY: PERF & FRAC LEWIS INTERVAL W/ SLICK WATER 75 QUALITY FOAM & 65,000 LBS 20/40 SAND. C/O TO PBTD. LAND PROD TBG. RELEASE RIG TBG DETAIL: REPLACE 3 JTS TBG, { RETURNED TO DISTRICT TOOLS RAN 175 JTS, 2' PUP JT, 1 JT TBG, SN, EXPEND CK. EOT @ 5467.06'. LANDED @ 5478' KB, { SEE WELL BORE REPORT } TRANSFER TO SJ 29-7 # 46 A = 15 JTS 2-3/8" YELLOW BAND TBG AIR PKG FUEL USED- 35 GALS RUN TIME- 2.5 HRS 2 COMPRESSORS 1 BOOSTER 1 MIST PUMP