

New Mexico
Energy Minerals and Natural Resources Department

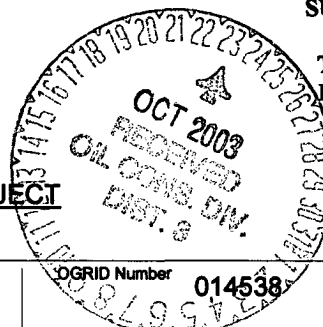
Form C-140
Revised 06/99

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		GRID Number 014538	
Contact Party		Leslie D. White		Phone 505/326-9700	
Property Name		Well Number		API Number	
NEWBERRY		13		3004511878	
UL	Section	Township	Range	Feet From The	Feet From The
K	17	31 N	12 W	1450 FSL	1650 FWL
					County SAN JUAN

II. Workover

Date Workover Commence	1/24/2003	Previous Producing Pool(s) (Prior to Workover): BLANCO MESAVERDE
Date Workover Completed:	1/31/2003	

- 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 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 1/31/03.

Signature District Supervisor	<u>SS. 3</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	BASIN FRUITLAND COAL (GAS)
1/1/2002	1768	
2/1/2002	1002	
3/1/2002	869	
4/1/2002	626	
5/1/2002	797	
6/1/2002	902	
7/1/2002	514	
8/1/2002	645	
9/1/2002	478	
10/1/2002	704	
11/1/2002	726	
12/1/2002	575	
1/1/2003	78	
2/1/2003	2696	
3/1/2003	2075	2074
4/1/2003	1016	1016

BURLINGTON RESOURCES DIVISIONS

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Operations Summary Report

Legal Well Name: NEWBERRY #13
 Common Well Name: NEWBERRY #13
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Spud Date: 01/24/2003
 End: 01/31/2003
 Start: 01/24/2003
 Rig Release: 01/31/2003
 Group:
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
01/25/2003	06:00 - 07:00	1.00	RURD	a	MIRU	TRAVEL TO RIG.
	07:00 - 09:00	2.00	MIMO	a	MIRU	ROAD RIG TO LOC. MIRU DRAKE #26.
	11:00 - 13:00	2.00	NUND	a	PREWRK	BLEED DOWN WELL. KILL WELL W/ 50 BBL 2% KCL WATER. ND TREE. NU BOP.
	13:00 - 15:00	2.00	TRIP	a	OBJECT	TOH W/ 2 3/8" TBG. TBG IN GOOD COND.
	15:00 - 16:00	1.00	CASE	a	CLEAN	RU BASIN WIRELINE. RUN & SET 7" RBP @ 2355'. RD W/L.
	16:00 - 17:00	1.00	PRES	a	CLEAN	SET 7: PKR @ 12' KB. LOAD HOLE W/ 2% KCL WATER. PRESSURE TEST CASING TO 2600 PSI. HELD OK F/ 15 MIN. PULL PKR.
	17:00 - 18:00	1.00	PERF	a	CLEAN	PERF FRUITLAND COAL. 2 SPF. 0.32" DIA. 2238'-2247' 2194'-2204' 2050'-2052' TOTAL 42 HOLES. SDFN.
01/28/2003	06:00 - 07:30	1.50	RURD	a	OBJECT	MIRU SCHLUMBERGER FRAC CREW
	07:30 - 09:30	2.00	WAIT	a	OBJECT	WAIT ON CAMERON FOR FOR FRAC FLANGE , DRAKE PIPE RAMS & 1 JT 2-7/8" TBG
	09:30 - 10:15	0.75	RURD	a	OBJECT	P/U 7" FULL BORE PKR & 1 JT 2-7/8" N-80 TBG. SET PKR @ 35'. R/U HOLD DOWN FLANGE & MANDREL TO BOP. R/U FRAC LINES TO FRAC VALVE
	10:15 - 10:30	0.25	SAFE	a	OBJECT	SAFETY MEETING. { FRAC PROCEDURE, MAX PSI, EMERGENCY PROCEDURES }, 25 PEOPLE PRESENT
	10:30 - 10:45	0.25	PRES	a	OBJECT	PRIME PUMPS, COOL DOWN N2. PSI TEST LINES W/ 3600 PSI.
	10:45 - 11:30	0.75	FRAC	a	OBJECT	BREAKDOWN FRTLND PERFS @ 1135 PSI @ 3 BPM. BULL HEAD 500 GALS 15% HCL. FRAC W/ 540 BBLs 30# LINEAR GEL, 70 QUALITY FOAM, & 80,000 LBS 20/40 ARIZONA SAND, 0.25 > 4 PPG. FLUSH W/ 30 FLUID BBLs & 32,000 SCF N2. AIR - 48 BPM, MAX RATE - 50 BPM, MIN RATE - 15 BPM, AIP -2290, MAX PSI - 2430, MIN PSI - 1980. ISIP - 1773
	11:30 - 12:45	1.25	RURD	a	OBJECT	NOTE: PUMP 4000 GALS 30# X-LINK GEL PREPAD
	12:45 - 06:00	17.25	FLOW	a	OBJECT	R/D FRAC EQUIP. R/U FLOW BACK LINE & CHOKE MANIFOLD SICIP - 1200 PSI. START FLOW BACK THRU 16/64 CHOKE
						TIME—PSI—CHOKE—RETURNS
						1345 900 16/64 DENSE MIST,NO SAND
01/29/2003	06:00 - 06:45	0.75	FLOW	a	OBJECT	1445 750 16/64 DENSE MIST, NO SAND,XO TO 18/64
						1545 650 18/64 DENSE MIST,NO SAND
						1645 650 18/64 DENSE MIST,TRACE SAND,XO TO 20/64
						1745 480 20/64 DENSE MIST,TRACE SAND
						1845 420 20/64 DENSE MIST,TRACE SAND,XO TO 24/64
						2045 380 24/64 SURGING MOD > HVY MIST,NO SAND,XO TO 32/64
						2245 300 32/64 SAME,TRACE SAND,XO TO 48/64
						2445 120 48/64 MOD > HVY MIST,TRACE SAND,XO TO 2"
						0145 50 2" LITE> MED MIST,NO SAND
						0445 25 2" SURGING FOAM MIST,NO SAND
01/29/2003	06:45 - 07:00	0.25	SAFE	a	OBJECT	FLOW BACK WELL THRU 2". FCP - 25 PSI. RETURNS - N2 W/ LIGHT MIST, NO SAND
	07:00 - 07:45	0.75	KILL	a	OBJECT	SAFETY MEETING
						R/U PUMP. ATTEMPT TO KILL CSG W/ 74 BBLs 2% KCL. PSI INCREASE F 25 > 350 PSI. OPEN WELL TO BLEED OFF PRES
	07:45 - 14:00	6.25	FLOW	a	OBJECT	FLOW WELL THRU 2". FCP 80 PSI > 380. XO TO 2 X 48/64 CHOKE
						TIME—PSI—CHOKE—RETURNS
						0830 300 2 X 48/64 N2 W/ LITE MIST NO SAND

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Operations Summary Report

Legal Well Name: NEWBERRY #13
 Common Well Name: NEWBERRY #13
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Spud Date: 01/31/2003
 Start: 01/24/2003 End: 01/31/2003
 Rig Release: 01/31/2003 Group:
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
01/29/2003	07:45 - 14:00	6.25	FLOW	a	OBJECT	1030 80 2 X 48/64 N2 W/ LITE MIST, NO SAND,XO TO 2" 1130 60 2" N2 W/ LITE MIST 1230 40 2" N2 W/ LITE MIST 1330 40 2" N2 W/ V.LITE MIST,NO SAND 1700 25 -65 SURGING FRAC FLUID & N2 2400 25 - 50 SURGING FOAM MIST,NO SAND 0500 35 N2 W/ V. LITE MIST
01/30/2003	06:00 - 06:45	0.75	FLOW	a	OBJECT	FLOW WELL BACK THRU 2". PITOT GAUGE = 4.2 PSI, { 1294 MCF. RETURNS- FLARING DRY GAS
	06:45 - 07:00	0.25	SAFE	a	OBJECT	SAFETY MEETING
	07:00 - 07:15	0.25	KILL	a	OBJECT	R/U PUMP. KILL CSG W/ 50 BBLs 2% KCL
	07:15 - 07:45	0.50	PULD	a	OBJECT	RELEASE PKR. L/D FRAC MANDREL & PKR.
	07:45 - 09:15	1.50	RURD	a	OBJECT	XO FLOW TEE'S, XO PIPE RAMS, R/U 6" BLOOE LINE FUNCTION TEST PIPE & BLIND RAMS
	09:15 - 09:30	0.25	PULD	a	OBJECT	P/U RETRIEVING HEAD
	09:30 - 10:15	0.75	TRIP	a	OBJECT	TALLY & TIH W/ 38 STDS 2-3/8" TBG. TAG 20' OF FILL
	10:15 - 10:30	0.25	RURD	a	OBJECT	R/U SWIVEL
	10:30 - 11:00	0.50	COUT	a	OBJECT	C/O TO RBP @ 2350' W/ 1500 SCF AIR & 8 BPH MIST.
	11:00 - 11:15	0.25	KILL	a	OBJECT	PUMP 50 BBLs 2% KCL TO STABLIZE RBP
	11:15 - 11:30	0.25	PCKR	a	OBJECT	ENGAGE & RELEASE BP.
	11:30 - 12:00	0.50	TRIP	a	OBJECT	TOOH W/ TBG & RBP
	12:00 - 12:15	0.25	KILL	a	OBJECT	KILL WELL W/ 60 BBLs 2% KCL
	12:15 - 12:30	0.25	PULD	a	OBJECT	L/D RBP, P/U 2-3/8" EXPEND CK., & SN
	12:30 - 14:15	1.75	TRIP	a	OBJECT	TIH W/ 79 STDS. RUN BROACH EVERY 36 STDS. TAG 15' OF FILL
	14:15 - 14:30	0.25	RURD	a	OBJECT	R/U SWIVEL
	14:30 - 15:15	0.75	COUT	a	OBJECT	C/O TO PBTD W/ 1500 SCF AIR & 8 BPH MIST
	15:15 - 16:45	1.50	BLOW	a	OBJECT	BLOW WELL @ 4935' W/ 700 SCF AIR. BUCKET GAUGE @ TIME—WATER—SAND 1530 35.7 BPH TRACE 1630 22.4 BPH TRACE
	16:45 - 17:00	0.25	RURD	a	OBJECT	R/D SWIVEL. PULL UP 45'
	17:00 - 06:00	13.00	BLOW	a	OBJECT	BLOW WELL @ 4890' W/ 700 SCF AIR. BUCKET GAUGE = 6.5 BPH FRAC FLUID W/ TRACE SAND & COAL AIR PKG FUEL USED- 378 GALS RUN TIME— 1.25 HRS 2 COMPRESSORS 1 BOOSTER 1 MIST PUMP RUN TIME- 13 HRS 1 COMPRESSOR 1 BOOSTER
01/31/2003	06:00 - 07:00	1.00	BLOW	a	OBJECT	BLOW WELL @ 4890' W/ 700 SCF AIR. BUCKET GAUGE - 6.8 BPH WTR W/ TRACE SAND
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING
	07:15 - 07:30	0.25	RURD	a	OBJECT	P/U 2 EXTRA JTS, TAG 13' OF FILL. R/U SWIVEL
	07:30 - 08:00	0.50	COUT	a	OBJECT	C/O TO PBTD W/ 700 SCF AIR & 5 BPH MIST
	08:00 - 14:30	6.50	BLOW	a	OBJECT	BLOW WELL @ 4935' W/ 700 SCF AIR. BUCKET GAUGE @ TIME—WATER—SAND 0830 8.9 BPH TRACE 0930 7.9 BPH TRACE 1030 4.9 BPH TRACE

BURLINGTON RESOURCES DIVISIONS

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 Start: 01/24/2003
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 Rig Release: 01/31/2003
 Group:
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
01/31/2003	08:00 - 14:30	6.50	BLOW	a	OBJECT	1130 3.9 BPH TRACE 1230 3.6 BPH TRACE 1330 3.1 BPH TRACE 1430 3.0 BPH TRACE
	14:30 - 14:45	0.25	RURD	a	OBJECT	R/D SWIVEL. PULL UP 45'
	14:45 - 16:00	1.25	BLOW	a	OBJECT	UNLOAD WELL @ 4890' W/ 700 SCF AIR. RECOVERED APPROX 6 BBLs FLUID. CONT TO BLOW WELL W/ 700 SCF AIR. BUCKET GAUGE - 2.9 BPH WTR
	16:00 - 06:00	14.00	FLOW	a	OBJECT	ALTERNATE NATURAL FLOW FOR 2 HRS, { RETURNS - 1 BPH }, THEN UNLOAD WELL W/ 700 SCF AIR, { RECOVER APPROX 2 > 3 BBL }, & BLOW FOR 1 HR. BUCKET GAUGE = 2 BPH WTR W/ TRACE SAND AIR PKG FUEL USED- 187.7 GALS RUN TIME- 13.4 HRS 1 BOOSTER 1 COMPRESSOR
02/01/2003	06:00 - 06:45	0.75	FLOW	a	OBJECT	FLOW WELL NATURAL. RETURNS- 1.7 BPH WTR W/ NO SAND
	06:45 - 07:00	0.25	SAFE	a	OBJECT	SAFETY MEETING
	07:00 - 07:45	0.75	RURD	a	OBJECT	P/U 2 EXTRA JTS, TAG 3' OF FILL. L/D 2 JTS. LAND TBG. R/D FLOOR
	07:45 - 08:00	0.25	NUND	a	OBJECT	N/D BOP. N/U TBG HEAD CSG PITOT GAUGE -1304 MCF, { 4.5 PSI ON 2" }
	08:00 - 08:30	0.50	BLOW	a	OBJECT	PUMP OFF CK. BLOW WELL
	08:30 - 09:30	1.00	FLOW	a	OBJECT	REVERSE & FLOW THRU TBG TO PURGE AIR. FINAL PITOT GAUGE - 970 MCF, { 2.5 PSI W/ V. LITE MIST }
	09:30 - 10:30	1.00	RURD	a	OBJECT	FIN. R/D EQUIP. RELEASE RIG @ 10:30 TBG DETAIL: RAN EXPEND, SN, 1 JT, 2' PUP JT, 155 JTS. EOT @ 4885.45'. LANDED @ 4896' KB SUMMARY: PERF & FRAC FRTLND COAL W/ 540 BBLs X-LINK & LINEAR GEL, 70 QUALITY FOAM, & 80,000 LBS 20/40 SAND