

DATE: 3/14/02	SUSPENSE: NA	ENGINEER: WJ	LOGGED IN: KW	TYPE: DHC	APP NO.: PKAV 0207455897
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



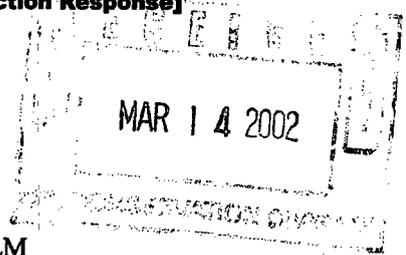
ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] TYPE OF APPLICATION - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR
- [D] Other: Specify _____



- [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply
- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

PEGGY COLE _____ REGULATORY Supr. 3-13-02
 Print or Type Name Signature Title Date

 e-mail Address: pcole@br-inc.com

District I
1625 N. French Drive, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised May 15, 2000

District II
811 South First Street, Artesia, NM 88210

OIL CONSERVATION DIVISION

APPLICATION TYPE

District III
1000 Rio Brazos Road, Aztec, NM 87410

2040 South Pacheco
Santa Fe, New Mexico 87505

Single Well
Establish Pre-Approved Pools
EXISTING WELLBORE
Yes No

District IV
2040 South Pacheco, Santa Fe, NM 87505

APPLICATION FOR DOWNHOLE COMMINGLING

Burlington Resources Oil and Gas Company Operator P.O. Box 4289 Address Farmington, New Mexico 87499

McClanahan Lease 21 Well No. B 13 T28N R10W Unit Letter-Section-Township-Range San Juan County

OGRID No. 14538 Property Code 18577 API No. 30-045-25362 Lease Type: X Federal State Fee

Table with 4 columns: DATA ELEMENT, UPPER ZONE, INTERMEDIATE ZONE, LOWER ZONE. Rows include Pool Name, Pool Code, Top and Bottom of Pay Section, Method of Production, Bottomhole Pressure, Oil Gravity or Gas BTU, Producing, Shut-In or New Zone, Date and Oil/Gas/Water Rates of Last Production, and Fixed Allocation Percentage.

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes X No
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes No
Are all produced fluids from all commingled zones compatible with each other? Yes X No
Will commingling decrease the value of production? Yes No X
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes X No

NMOCD Reference Case No. applicable to this well:

Attachments:
C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
Production curve for each zone for at least one year. (If not available, attach explanation.)
For zones with no production history, estimated production rates and supporting data.
Data to support allocation method or formula.
Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools
List of all operators within the proposed Pre-Approved Pools
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Brad Sutton TITLE Operations Engineer DATE 3/12/02
TYPE OR PRINT NAME Brad Sutton TELEPHONE NO. (505) 326-9700

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 15, 2000
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-25362	² Pool Code 71629/82329	³ Pool Name Basin Fruitland Coal/Otero Chacra
⁴ Property Code 18577	⁵ Property Name McClanahan	
⁷ OGRID No. 14538	⁸ Operator Name Burlington Resources Oil & Gas Company, LP	⁶ Well Number 21
		⁹ Elevation 5727 GL

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	13	28N	10W		980	North	1610	East	San Juan

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres CHA-NE/160 FC-E/320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16		17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>
		<p><i>Peggy Cole</i> Signature</p> <p>Peggy Cole Printed Name</p> <p>Regulatory Supervisor</p> <p>Title</p> <p>2-15-02 Date</p>
Original Plat from Fred B Kerr Jr 1-8-82		18 SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>
		<p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>

McClanahan #21

Offset Well Performance

9 Sec Area Includes: Sec. 11,12,13,14,23,24 of Township 28N - Range 10W

Sec 7,18 of Township 28N - Range 9W

API Number	Well Name	Well Number	Location				Operator	Year Comp	Perforation Depth	Current Rate
			Dir	Sec	Twn	Rng				(mcf/d)
3004560308	Zachry	5	SE	11	28N	10W	BR	1994	1728-1862	105
3004507566	Zachry	1	SW	12	28N	10W	BR	1995	1940-2058	96
3004507436	McClanahan	12	SW	13	28N	10W	BR	1994	1722-1840	84
3004527926	McClanahan	550	SW	14	28N	10W	BR	1990	1778-1924	83
3004507336	McClanahan	6	NW	23	28N	10W	BR	1992	1900-2016	123
3004513251	McClanahan	3	SW	24	28N	10W	BR	1994	1744-1859	154
3004527866	McClanahan	551	NE	24	28N	10W	BR	1990	1902-2037	221
3004507570	Reid	14	SE	7	28N	09W	BR	1994	1940-2080	102
3004507438	Reid	13	SE	18	28N	09W	BR	1994	1816-1954	34
3004507292	Reid	8	SW	19	28N	09W	BR	1993	1940-2071	226
3004529105	Reid	7R	NE	19	28N	09W	BR	1994	1882-2006	12

Avg Current Rate of 9 Section Area:

113

McClanahan 22
Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method

Version 1.0 3/13/94

Used as offset well to McClanahan 21

Chacra	
Used as offset well to McClanahan 21	
<u>CH-Current</u>	
GAS GRAVITY	0.662
COND. OR MISC. (C/M)	M
%N2	0.43
%CO2	0.27
%H2S	0
DIAMETER (IN)	2.441
DEPTH (FT)	2838
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	100
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	400
BOTTOMHOLE PRESSURE (PSIA)	429.1
<u>CH-Original</u>	
GAS GRAVITY	0.662
COND. OR MISC. (C/M)	M
%N2	0.43
%CO2	0.27
%H2S	0
DIAMETER (IN)	2.441
DEPTH (FT)	2838
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	100
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	607
BOTTOMHOLE PRESSURE (PSIA)	653.0

Cumulative Monthly Well Report March 1994 Through March 2002

Select By : Completions

Page No : 1
 Report Number : R_290
 Print Date : 3/4/2002, 12:58:10 PM

Completion	Date	Oil		Gas		Water	
		Current	Cumulative	Current	Cumulative	Current	Cumulative
MCCLANAHAN 21 <i>Phase A</i>	11/30/1998	0.00	0.00	791.16	791.16	0.00	0.00
	12/31/1998	0.00	0.00	773.51	1,564.67	0.00	0.00
	1/31/1999	0.00	0.00	783.31	2,347.98	0.00	0.00
	2/28/1999	0.00	0.00	713.71	3,061.69	0.00	0.00
	3/31/1999	0.00	0.00	790.18	3,851.87	0.00	0.00
	4/30/1999	0.00	0.00	895.07	4,746.94	0.00	0.00
	5/31/1999	0.00	0.00	873.51	5,620.45	0.00	0.00
	6/30/1999	0.00	0.00	783.31	6,403.76	0.00	0.00
	7/31/1999	0.00	0.00	787.23	7,190.99	0.00	0.00
	8/31/1999	0.00	0.00	769.59	7,960.58	0.00	0.00
	9/30/1999	0.00	0.00	764.69	8,725.27	0.00	0.00
	10/31/1999	0.00	0.00	782.33	9,507.60	0.00	0.00
	11/30/1999	0.00	0.00	749.98	10,257.58	0.00	0.00
	12/31/1999	0.00	0.00	758.80	11,016.38	0.00	0.00
	1/31/2000	0.00	0.00	746.06	11,762.44	0.00	0.00
	2/29/2000	0.00	0.00	0.00	11,762.44	0.00	0.00
	3/31/2000	0.00	0.00	713.71	12,476.15	0.00	0.00
4/30/2000	0.00	0.00	904.88	13,381.03	0.00	0.00	
5/31/2000	0.00	0.00	919.58	14,300.61	0.00	0.00	
6/30/2000	0.00	0.00	794.10	15,094.71	0.00	0.00	
7/31/2000	0.00	0.00	739.20	15,833.91	0.00	0.00	
8/31/2000	0.00	0.00	753.90	16,587.81	0.00	0.00	
9/30/2000	0.00	0.00	827.43	17,415.24	0.00	0.00	
10/31/2000	0.00	0.00	820.57	18,235.81	0.00	0.00	
11/30/2000	0.00	0.00	749.00	18,984.81	0.00	0.00	
12/31/2000	0.00	0.00	909.78	19,894.59	0.00	0.00	
1/31/2001	0.00	0.00	827.43	20,722.02	0.00	0.00	
2/28/2001	0.00	0.00	739.20	21,461.22	0.00	0.00	
3/31/2001	0.00	0.00	799.98	22,261.20	0.00	0.00	
4/30/2001	0.00	0.00	718.61	22,979.81	0.00	0.00	
5/31/2001	0.00	0.00	707.82	23,687.63	0.00	0.00	
6/30/2001	0.00	0.00	611.75	24,299.38	0.00	0.00	
7/31/2001	0.00	0.00	723.51	25,022.89	0.00	0.00	
8/31/2001	0.00	0.00	700.96	25,723.85	0.00	0.00	
9/30/2001	0.00	0.00	666.65	26,390.50	0.00	0.00	
10/31/2001	0.00	0.00	666.65	27,057.15	0.00	0.00	
11/30/2001	0.00	0.00	604.89	27,662.04	0.00	0.00	
12/31/2001	0.00	0.00	614.69	28,276.73	0.00	0.00	
1/31/2002	0.00	0.00	647.04	28,923.77	0.00	0.00	
2/28/2002	0.00	0.00	0.00	28,923.77	0.00	0.00	
3/31/2002	0.00	0.00	0.00	28,923.77	0.00	0.00	

—○— Pressure - psi
Cum: 0

Operator: Unknown
Field: No Active Forecast
Zone: No Active Forecast
Type: Gas
Group: None
Production Cumis
Oil: 0 MSTB
Gas: 297.324 MMSCF
Water: 0.48 MSTB
Cond: 0 MSTB
Data: Jan. 1982-Jan. 2002

