

| | | | | | |
|--------------------|--------------------|--------------------|---------------------|-----------------|--------------------------|
| DATE 7/5/02 | SUSPENSE NA | ENGINEER WJ | LOGGED IN MV | TYPE DHC | APP NO. 218940183 |
|--------------------|--------------------|--------------------|---------------------|-----------------|--------------------------|

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 _____

02 JUL - 5 AM 10:02
OIL CONSERVATION DIV

- [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 *Peggy Cole* REGULATORY Supr. _____
 Print or Type Name Signature Title Date

pcole@br-inc.com
 e-mail Address

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

District II
811 South First Street, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised May 15, 2000

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

APPLICATION TYPE

Single Well
Establish Pre-Approved Pools
EXISTING WELLBORE
Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

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

Newberry 13 K 17 31N 12W San Juan
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 14538 Property Code 7360 API No. 30045118780000 Lease Type: X Federal State Fee

| DATA ELEMENT | UPPER ZONE | INTERMEDIATE ZONE | LOWER ZONE |
|--|---|-------------------|---|
| Pool Name | Basin Fruitland Coal | | Blanco Mesa Verde |
| Pool Code | 71629 | | 72319 |
| Top and Bottom of Pay Section (Perforated or Open-Hole Interval) | 2050'-2245' (Proposed) | | 4712'-4925' Perforated |
| Method of Production (Flowing or Artificial Lift) | Flowing | | Flowing |
| Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone) | | | 450 psi |
| Oil Gravity or Gas BTU (Degree API or Gas BTU) | 985 BTU (est) | | 1198 BTU |
| Producing, Shut-In or New Zone | New Zone | | Producing |
| Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.) | Date: 7/03 Rates: 48 MCFD, 0 BOD, 0 BWD (est) | Date: Rates: | Date: 05/31/01 Rates: 26 MCFD, 0 BOD, 0.0 BWD |
| Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.) | To Be Filed After Commingled | Oil Gas % % | To Be Filed After Commingled |

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:

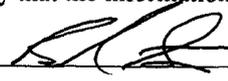
- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation 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  TITLE Production Engineer DATE 7/2/2002
tlw
TYPE OR PRINT NAME Brad Sutton TELEPHONE NO. (505) 326-9700

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

25 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

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | |
|---|--|--|--|---|--------------------------------|
| ¹ API Number 30-045-11878 | | ² Pool Code 71629/72319 | | ³ Pool Name Basin Fruitland Coal/Blanco Mesaverde | |
| ⁴ Property Code 7360 | | ⁵ Property Name Newberry | | | ⁶ Well Number 13 |
| ⁷ OGRID No. 14538 | | ⁸ Operator Name Burlington Resources Oil & Gas Company, LP | | | ⁹ Elevation 5969 |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| K | 17 | 31N | 12W | | 1450 | South | 1650 | West | 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 W-320 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ Order No. |
|--|-------------------------------|----------------------------------|-------------------------|

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

| | | |
|----------------------|--|---|
| <p>¹⁶</p> | <p>Original Plat from David O Vilven 4-29-66</p> | <p>¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <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> |
| | | <p>¹⁸ SURVEYOR CERTIFICATION 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.</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p> |

070 FARMINGTON, NM
2002 FEB 19 AM 11:14
RECEIVED

NEWBERRY 13 5161801 (270905075346.289) Data: Dec:1966-May:2002

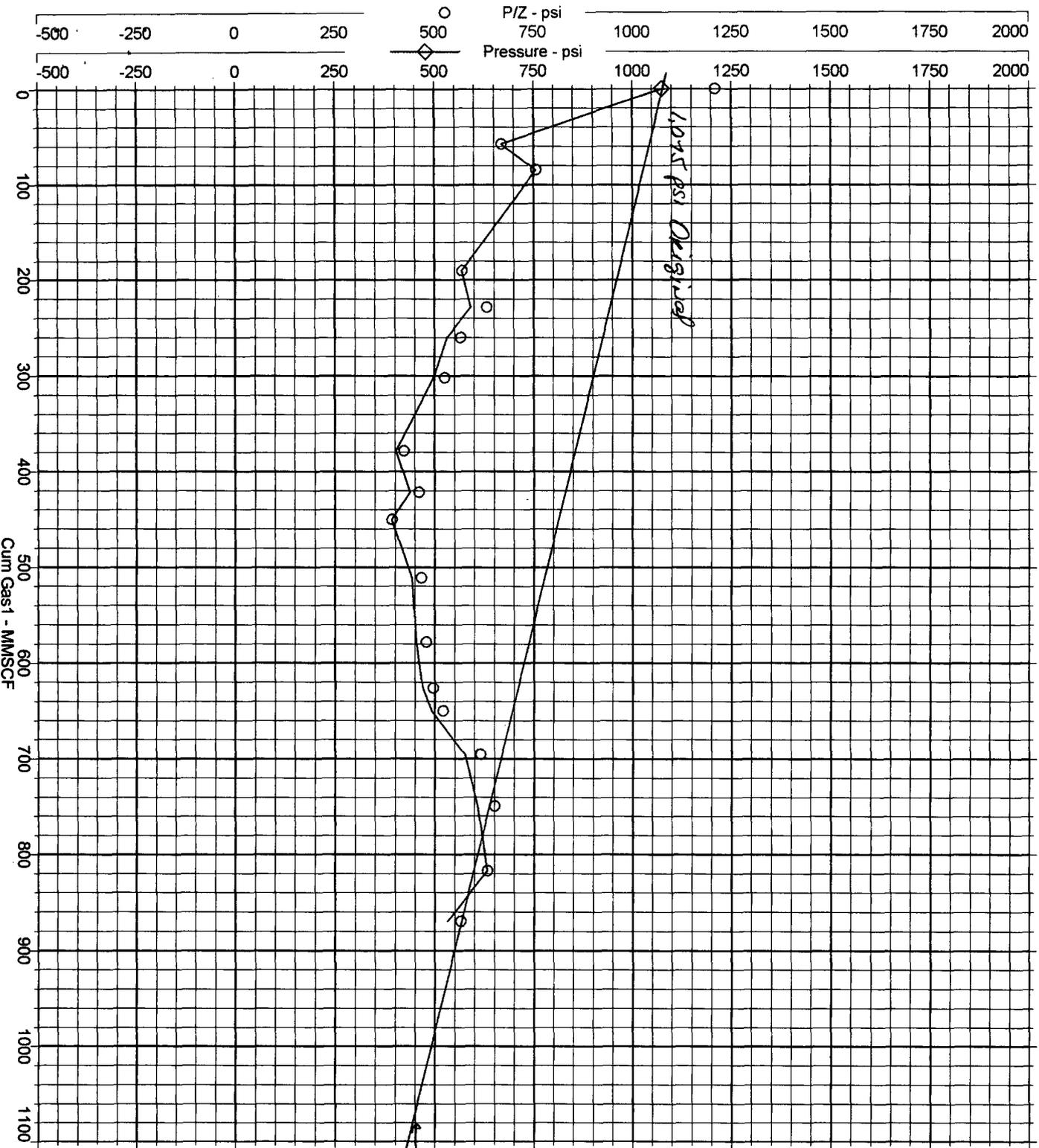
Operator: BURLINGTON RESOURCES O&G CO LP
 Field: BLANCO MESAVERDE (PRORATED GAS)

Zone: Type: Gas
 Group: None

No Active Forecast

Production Cums
 Oil: 0 MSTB
 Gas: 1077.86 MMSCF
 Water: 0.002322 MSTB
 Cond: 3.28606 MSTB

○ P/Z - psi
 Cum: 0
 ◆ Pressure - psi
 Cum: 0



1075 psi Original

Current
 1078 mmSTB Cum
 450 psi

Cumulative Monthly Well Report March 1997 Through June 2002

Select By : Completions

Page No : 1
 Report Number : R_290
 Print Date : 6/28/2002, 10:29:00 AM

| Completion | Date | Oil | | Gas | | Water | |
|-------------|------------|---------|------------|-----------|------------|---------|------------|
| | | Current | Cumulative | Current | Cumulative | Current | Cumulative |
| NEWBERRY 13 | 11/30/1998 | 10.41 | 10.41 | 1,569.05 | 1,569.05 | 0.00 | 0.00 |
| | 12/31/1998 | 5.78 | 16.19 | 1,950.05 | 3,519.05 | 0.00 | 0.00 |
| | 1/31/1999 | 11.56 | 27.75 | 1,708.83 | 5,227.88 | 0.00 | 0.00 |
| | 2/28/1999 | 4.63 | 32.37 | 1,253.30 | 6,481.18 | 0.00 | 0.00 |
| | 3/31/1999 | 8.09 | 40.46 | 1,422.56 | 7,903.74 | 0.00 | 0.00 |
| | 4/30/1999 | 2.28 | 42.74 | 1,259.28 | 9,163.02 | 0.00 | 0.00 |
| | 5/31/1999 | 5.20 | 47.94 | 1,901.96 | 11,064.98 | 0.00 | 0.00 |
| | 6/30/1999 | 2.31 | 50.25 | 138.72 | 11,203.70 | 0.00 | 0.00 |
| | 7/31/1999 | 2.31 | 52.57 | 411.80 | 11,615.50 | 0.00 | 0.00 |
| | 8/31/1999 | 0.00 | 52.57 | 534.35 | 12,149.85 | 0.00 | 0.00 |
| | 9/30/1999 | 0.00 | 52.57 | 527.93 | 12,677.78 | 0.00 | 0.00 |
| | 10/31/1999 | 0.00 | 52.57 | 502.00 | 13,179.78 | 0.00 | 0.00 |
| | 11/30/1999 | 2.31 | 54.88 | 1,648.49 | 14,828.27 | 0.00 | 0.00 |
| | 12/31/1999 | 1.16 | 56.03 | 1,470.60 | 16,298.87 | 0.00 | 0.00 |
| | 1/31/2000 | 0.00 | 56.03 | 2,256.85 | 18,555.72 | 0.00 | 0.00 |
| | 2/29/2000 | 23.16 | 79.19 | 3,506.72 | 22,062.44 | 0.00 | 0.00 |
| | 3/31/2000 | 0.00 | 79.19 | 2,808.80 | 24,871.24 | 0.00 | 0.00 |
| | 4/30/2000 | 0.00 | 79.19 | 1,683.78 | 26,555.02 | 0.00 | 0.00 |
| | 5/31/2000 | 0.00 | 79.19 | 1,868.63 | 28,423.65 | 0.00 | 0.00 |
| | 6/30/2000 | 1.16 | 80.35 | 1,861.23 | 30,284.88 | 0.00 | 0.00 |
| 7/31/2000 | 6.94 | 87.29 | 2,426.46 | 32,711.34 | 0.00 | 0.00 | |
| 8/31/2000 | 1.16 | 88.45 | 1,482.36 | 34,193.70 | 0.00 | 0.00 | |
| 9/30/2000 | 6.94 | 95.39 | 1,133.80 | 35,327.50 | 0.00 | 0.00 | |
| 10/31/2000 | 2.31 | 97.70 | 1,381.39 | 36,708.89 | 0.00 | 0.00 | |
| 11/30/2000 | 6.94 | 104.64 | 2,181.81 | 38,890.70 | 0.00 | 0.00 | |
| 12/31/2000 | 15.04 | 119.68 | 2,970.56 | 41,861.26 | 0.00 | 0.00 | |
| 1/31/2001 | 4.63 | 124.31 | 2,829.39 | 44,690.65 | 0.00 | 0.00 | |
| 2/28/2001 | 17.35 | 141.66 | 2,476.80 | 47,167.45 | 0.00 | 0.00 | |
| 3/31/2001 | 10.05 | 151.71 | 2,417.63 | 49,585.08 | 0.00 | 0.00 | |
| 4/30/2001 | 1.74 | 153.45 | 2,289.65 | 51,874.73 | 2.32 | 2.32 | |
| 5/31/2001 | 1.16 | 154.61 | 2,128.43 | 54,003.16 | 0.00 | 2.32 | |
| 6/30/2001 | 0.00 | 155.78 | 1,417.59 | 55,420.75 | 0.00 | 2.32 | |
| 7/31/2001 | 0.00 | 155.78 | 1,395.11 | 56,815.86 | 0.00 | 2.32 | |
| 8/31/2001 | 0.00 | 155.78 | 1,449.03 | 58,264.89 | 0.00 | 2.32 | |
| 9/30/2001 | 0.00 | 155.78 | 1,985.73 | 60,250.62 | 0.00 | 2.32 | |
| 10/31/2001 | 8.13 | 163.90 | 900.03 | 61,150.65 | 0.00 | 2.32 | |
| 11/30/2001 | 0.87 | 164.77 | 1,742.60 | 62,893.25 | 0.00 | 2.32 | |
| 12/31/2001 | 0.00 | 164.77 | 1,443.15 | 64,336.40 | 0.00 | 2.32 | |
| 1/31/2002 | 0.00 | 164.77 | 1,767.65 | 66,104.05 | 0.00 | 2.32 | |
| 2/28/2002 | 0.00 | 164.77 | 1,002.33 | 67,106.38 | 0.00 | 2.32 | |
| 3/31/2002 | 0.00 | 164.77 | 868.66 | 67,975.04 | 0.00 | 2.32 | |
| 4/30/2002 | 0.00 | 164.77 | 625.97 | 68,601.01 | 0.00 | 2.32 | |
| 5/31/2002 | 0.29 | 165.06 | 797.09 | 69,398.10 | 0.00 | 2.32 | |
| 6/30/2002 | 0.00 | 165.06 | 0.00 | 69,398.10 | 0.00 | 2.32 | |