

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

District II  
1301 W. Grand Avenue, Artesia, NM 88210

District III  
1000 Rio Brazos Road, Aztec, NM 87410

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised May 15, 2000

**Oil Conservation Division**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

APPLICATION TYPE  
Single Well  
Establish Pre-Approved Pools  
EXISTING WELLBORE  
 Yes  No

DHC-3334  
PWJ0424351430  
RECEIVED  
AUG 22 2004  
OIL CONSERVATION DIVISION

**APPLICATION FOR DOWNHOLE COMMINGLING**

Caulkins Oil Company 1409 W. Aztec, Blvd., Suite B7, Aztec, NM 87410  
Operator Address

BREECH "A" 136-F UNIT J - SEC. 10-26N-6W Rio Arriba  
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 003824 Property Code 2455 API No. 30-039-26621 Lease Type:  Federal  State  Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	<del>UPPER</del> South Blanco Tocito OIL		Basin Dakota
Pool Code	06460		71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6697' - 6712'		7166' - 7460'
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)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)			1186 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: 7-29-04 1-hour test Rate: Gas Oil Water 339 8.0 .10 MCF/D Bbl Bbl	Date: Rate: Gas Oil Water MCF/D Bbl Bbl	Date: 12 month average Rate: Gas Oil Water 170 .914 .60 MCF/D Bbl Bbl
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Gas Oil 67 % 90 %	Gas Oil % %	Gas Oil 33 % 10 %

**ADDITIONAL DATA**

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes  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  No   
Will commingling decrease the value of production? Yes  No   
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  No

NMOCD Reference Case No. applicable to this well: DHC-3118, DHC-1780, DHC-3029, DHC-3128

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.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- 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 Robert L. Verquer TITLE Superintendent DATE August 17, 2004  
TYPE OR PRINT NAME Robert L. Verquer TELEPHONE NO. (505)-334-4323

**EXHIBIT "H"**

District I  
 PO Box 1980, Hobbs, NM 88241-1980  
 District II  
 811 South First, Artesia, NM 88210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals & Natural Resources Department

**OIL CONSERVATION DIVISION**  
 2040 South Pacheco  
 Santa Fe, NM 87505

Form C-10  
 Revised October 18, 199  
 Instructions on bac  
 Submit to Appropriate District Office  
 State Lease - 4 Copie  
 Fee Lease - 3 Copie

200 DEC 19 PM 2: 07

070 FARMINGTON, NM  AMENDED REPOR

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number		<sup>2</sup> Pool Code 71599		<sup>3</sup> Pool Name BASIN DAKOTA	
<sup>4</sup> Property Code 2455		<sup>5</sup> Property Name BREECH "A"			<sup>6</sup> Well Number 136-F
<sup>7</sup> OGRID No. 003824		<sup>8</sup> Operator Name Caulkins Oil Company			<sup>9</sup> Elevation 6541 GR

<sup>10</sup> Surface Location

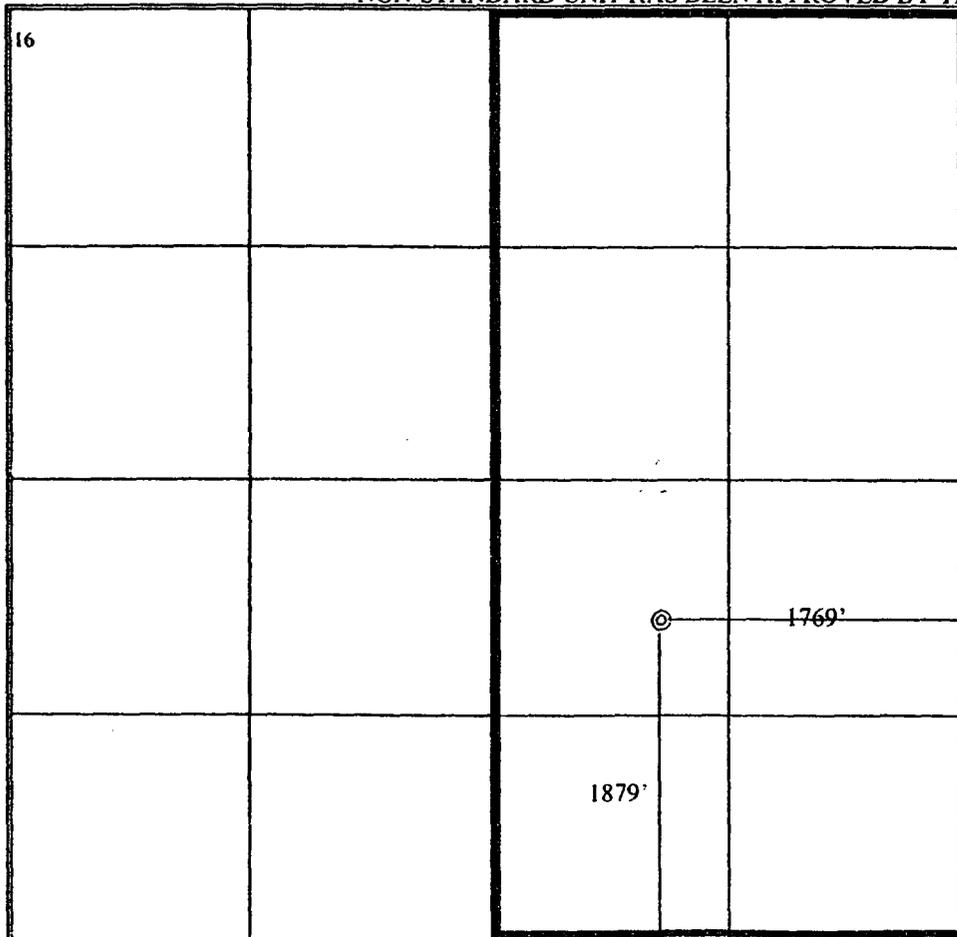
Ul. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	10	26N	6W		1879'	South	1769'	East	Rio Arriba

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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



<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and

*Robert L. Verquer*  
 Signature

Printed Name **Robert L. Verquer**

Title **Superintendent**

Date **12-18-00**

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number

District I

PO Box 1980, Hobbs, NM 88241-1980  
District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2840 South Pacheco, Santa Fe, NM 87505

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Drive  
Santa Fe, NM 87504

Form C-102

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-039-26621		<sup>2</sup> Pool Code 06460		<sup>3</sup> Pool Name SOUTH BLANCO TOCITO	
<sup>4</sup> Property Code 2455		<sup>5</sup> Property Name BREECH "A"			<sup>6</sup> Well Number 136-F
<sup>7</sup> OGRID No. 003824		<sup>8</sup> Operator Name Caulkins Oil Company			<sup>9</sup> Elevation 6541 GR

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	10	26N	6W		1879'	South	1769'	East	Rio Arriba

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres 80	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<p>16</p> <p>RECEIVED</p> <p>2004 JUN -3 AM 11:48</p> <p>070 FURNITURE, INC.</p>			<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and</i></p> <p><i>Robert L Verquer</i></p> <p>Signature</p> <p>Printed Name Robert L. Verquer</p> <p>Title Superintendent</p> <p>Date June 2, 2004</p>	
				<p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by my supervision, and that the same is true and correct to the best of my knowledge and belief.</i></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p>
			Certificate Number	

**LAST 12-MONTHS PRODUCTION  
FOR  
BREECH A 136-F**

**DAKOTA**

<b>MONTH</b>	<b>GAS</b>	<b>OIL</b>	<b>WATER</b>	<b>DAYS</b>	<b>GAS DPA</b>	<b>OIL DPA</b>
06/03	4,711	24	4	30	157	0.800
07/03	4,859	27	4	31	157	0.871
08/03	5,079	26	4	30	169	0.867
09/03	4,509	22	3	28	161	0.786
10/03	4,676	24	4	31	151	0.774
11/03	4,564	24	4	30	152	0.800
12/03	4,810	27	4	31	155	0.871
01/04	5,850	39	6	31	189	1.258
02/04	5,436	31	5	29	187	1.069
03/04	5,837	30	5	31	188	0.968
04/04	5,487	32	5	29	189	1.103
05/04	5,708	25	4	31	184	0.806
	<b>61,526</b>	<b>331</b>	<b>52</b>		<b>170</b>	<b>0.914</b>

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

5. Lease

NMSF-079035-A

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals)

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

1. Oil Well  Gas Well  Other   
GAS WELL

8. Well Name and No.

BREECH "A" 136-F

2. Name of Operator:

**Caulkins Oil Company**

9. API Well No.

30-039-26621-00C1

3. Address of Operator:

**(505) 334-4323**

**1409 W. Aztec Blvd. Ste B7, Aztec, NM 87410**

10. Field and Pool, Exploratory Area

DAKOTA, TOCITO

4. Location of Well (Footage, Sec., Twp., Rge.)

1879' F/S 1769' F/E

SEC. 10-26N-6W

11. Country or Parish, State

Rio Arriba Co., New Mexico

**12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Abandonment

Change of Plans

Subsequent Report

Recompletion

New Construction

Final Abandonment Notice

Plugging Back

Non-Routine Fracturing

Casing Repair

Water Shut-Off

Altering Casing

Conversion to Injection

Other \_\_\_\_\_

Dispose Water

17. Describe Proposed or Completed Operations:

7-26-04

Rigged up.

T. O. H. with 114 stands and single.

Run cast iron bridge plug set 6890'.

Perforated Tocito zone with 4 shots per foot, 6712' to 6706' and 6703' to 6697'.

7-27-04

Frac'd Tocito zone with 21,150# 20/40 sand and 7,025 m/sfc N2 foam.

7-28-04

Flowed back well through 1/2" choke for 5 hours.

Killed well.

T. I. H. with tubing and bit.

Cleaned out to cast iron bridge plug set at 6880' with air foam unit.

Flowing well back through tubing to clean up.

(continued on page 2)

NOTE: The format is issued in lieu of U.S. BLM Form 3160-5

18. I HEREBY CERTIFY THE FOREGOING IS TRUE AND CORRECT

SIGNED:

*Robert L. Verquer*  
**ROBERT L. VERQUER**

TITLE:

Superintendent

DATE:

August 3, 2004

APPROVED BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY

Caulkins Oil Company  
BLM Sundry Notice  
Breech "A" 136-F  
August 3, 2004  
Page 2

7-29-04            Tested well through 3/4" choke.  
                      Drilled out cast iron bridge plug set at 6880'.  
                      Cleaned out to TD with air foam unit.  
                      T. O. H. with bit.

7-30-04            T. I. H. with production tubing.  
                      Landed tubing on doughnut at 7432'.  
                      Rigged down and moved.  
                      Now flowing to clean up.  
                      Well will be turned to sales upon approval of NMOCD C-107-A for downhole commingle.