

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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)

5. Lease

NMSF-079035-A

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" 682

2. Name of Operator:

Caulkins Oil Company

9. API Well No.

30-039-08155-00S1

3. Address of Operator:

(505) 334-4323

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

10. Field and Pool, Exploratory Area

BASIN DAKOTA

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

1640' F/S 1680' F/W

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

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut-Off

☐ Final Abandonment Notice

☐ Altering Casing

☐ Conversion to Injection

☒ Other Downhole Commingle

☐ Dispose Water

17. Describe Proposed or Completed Operations:

6-29-05

We request approval to recomple this well in the South Blanco Tocito formation by the following procedure:

Rig up.

T. O. H. standing back 2 3/8" tubing.

T. I. H. with retrievable bridge plug to 6850'.

Test casing to 3000#.

T. O. H. with tubing.

Perforate Tocito zone 6712' to 6694' with 4 shots per foot.

Frac Tocito zone with 20,000# 20/40 sand and N<sub>2</sub> foam.

Flow back well.

T. O. H. with 2 3/8" tubing with retrieving head.

Clean up and test Tocito.

T. O. H. with retrievable bridge plug from 6850'.

T. I. H. with 2 3/8" production tubing.

CONDITIONS OF APPROVAL

Adhere to previously issued stipulations, location area will be cleaned up following operations.

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

TITLE: Superintendent

DATE: June 29, 2005

APPROVED BY:

TITLE:

DATE:

CONDITIONS OF APPROVAL, IF ANY

NMOC

## **Bureau of Land Management Conditions of Approval:**

- 1) If this well is located in a Specially Designated Area (SDA), compliance with the appropriate seasonal closure requirements will be necessary.**
- 2) Pits must be lined with an impervious material at least 12 mils thick. The pit must be fenced on three (3) sides during workover operations and on the 4<sup>th</sup> side after the rig moves off location. Pits must be closed within 90 days of completion of the workover operations. Prior to closing the pit the liner must be cut off at mud level.**

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 &amp; 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

RECEIVED  
070 FARMINGTON NM

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-039-08155	<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 682 ✓
<sup>7</sup> OGRID No. 003824	<sup>8</sup> Operator Name Caulkins Oil Company	<sup>9</sup> Elevation 6543 GR

<sup>10</sup> Surface Location

UL or lot no. K	Section 10 ✓	Township 26N ✓	Range 6W ✓	Lot Idn	Feet from the 1640' ✓	North/South line South	Feet from the 1680' ✓	East/West line West	County Rio Arriba
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<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.						

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>16</sup>					<sup>17</sup> OPERATOR CERTIFICATION
					I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
					Signature <i>Robert L. Verquer</i>
					Printed Name Robert L. Verquer
					Title Superintendent
Date July 14, 2005					
<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 me or under 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

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District II

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Revised October 18, 1994

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2005 SEP 12 PM 12 09

RECEIVED



AMENDED REPORT

070 FARMINGTON NM

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-08155		Pool Code 71599	Pool Name BASIN DAKOTA
Property Code 2455	Property Name BREECH "A"		Well Number 682
OGRID No. 003824	Operator Name Caulkins Oil Company		Elevation 6543 GR

## 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	10	26N	6W		1640'	South	1680'	West	Rio Arriba

## 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
Dedicated Acres		Joint or Infill		Consolidation Code		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

16  Breech "A" 682-E    1680'  1640'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  <i>Robert L. Verquer</i> Signature Printed Name Robert L. Verquer Title Superintendent Date August 4, 2005			
	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 knowledge and belief. Date of Survey  Signature and Seal of Professional Surveyor:			
	Certificate Number			

**LAST 12-MONTHS PRODUCTION  
FOR  
BREECH A 682**

**DAKOTA**

<b>MONTH</b>	<b>GAS</b>	<b>OIL</b>	<b>WATER</b>	<b>DAYS</b>	<b>GAS DPA</b>	<b>OIL DPA</b>
07/04	3,043	13	2	26	117	0.500
08/04	3,106	0	0	26	119	0.000
09/04	3,758	4	1	30	125	0.133
10/04	1,634	1	0	6	272	0.167
11/04	2,421	1	0	30	81	0.033
12/04	2,089	6	1	23	91	0.261
01/05	3,477	11	2	31	112	0.355
02/05	2,884	13	2	28	103	0.464
03/05	2,865	13	2	31	92	0.419
04/05	2,422	6	1	30	81	0.200
05/05	2,924	9	1	31	94	0.290
06/05	2,134	3	0	30	71	0.100
	<b>32,757</b>	<b>80</b>	<b>12</b>		<b>113</b>	<b>0.244</b>

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

APPLICATION FOR DOWNHOLE COMMINGLING

2005 SEP 12 PM 12:05

RECEIVED

070 FARMINGTON, NM

Caulkins Oil Company  
Operator

1409 W. Aztec Blvd., Suite B7, Aztec, NM 87410  
Address

BREECH "A"  
Lease

682  
Well No.

UNIT K - SEC. 10-26N-6W  
Unit Letter-Section-Township-Range

Rio Arriba  
County

OGRID No. 003824 Property Code 2455 API No. 30-039-08155 Lease Type: X Federal        State        Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	South Blanco Tocito		Basin Dakota
Pool Code	06460		71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6712' - 6694'		7436' - 7166'
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)	Estimated 1286		1211
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: Estimated  Rate: Gas Oil Water 300 3 .50 MCF/D Bbl Bbl	Date: .  Rate: Gas Oil Water MCF/D Bbl Bbl	Date: 12 month - Avg.  Rate: Gas Oil Water 39 .22 .03 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 73 % 93 %	Gas Oil % %	Gas Oil 27 % 7 %

**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        No       

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

**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 areas