

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

NMNM-03551

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 "E" 79

2. Name of Operator:

Caulkins Oil Company

9. API Well No.

30-039-29419-00S1

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.)

2595' F/N 1975' F/E

SEC. 1-26N-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 Downhole Commingle

☐ Dispose Water

17. Describe Proposed or Completed Operations:

3-27-06

Rig up.

T. O. H. with 2 3/8" tubing from 7947'.

Run wireline set retrievable bridge plug to 7400'.

Perforate Tocito zone, 7306' to 7290' with 4 shots per foot.

Frac Tocito zone with 20,000# 20/40 sand and N₂ foam.

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

Swab in and test Tocito.

Clean out to retrievable bridge plug at 7400'.

T. O. H. with retrievable bridge plug.

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

Land tubing on doughnut at approximately 7950'.

No new surface will be disturbed, location area will be cleaned up following operations.

Estimated starting date July 20, 2006

Adhere to previously issued stipulations.

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

DHC3693

18. I HEREBY CERTIFY THE FOREGOING IS TRUE AND CORRECT

SIGNED:

Robert L. Verquer
ROBERT L. VERQUER

TITLE:

Superintendent

DATE:

March 27, 2006

APPROVED BY:

Matt Halbert

TITLE:

PETR ENG

DATE:

5-23-06

CONDITIONS OF APPROVAL, IF ANY

NMOC

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
____ X Yes ____ No

2006 MAR 29 PM 9 47

APPLICATION FOR DOWNHOLE COMMINGLING

RECEIVED

070 FARMINGTON NM

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

BREECH "E" 79 UNIT G - SEC. 1-26N-6W Rio Arriba
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 003824 Property Code 2459 API No. 30-039-29419 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)	7290' - 7306'		7785' - 7988'
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 1248		1199
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 200 3.0 .10 MCF/D Bbl Bbl	Date: Rate: Gas Oil Water MCF/D Bbl Bbl	Date: February 2006 Avg. Rate: Gas Oil Water 187 .82 .11 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 52 % 79 %	Gas Oil % %	Gas Oil 48 % 21 %

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: DHC-3334, DHC-3546, DHC-3118, DHC-3333

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.

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

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

RECEIVED

070 FARMINGTON NM

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code 71599	Pool Name Basin Dakota
Property Code 2459	Property Name BREECH "E"		Well Number 79
OGRID No. 003824	Operator Name Caulkins Oil Company		Elevation 6970'

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
G	1	26N	6W		2595'	NORTH	1975'	EAST	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 320		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					17 OPERATOR CERTIFICATION	
					I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
					Signature	
					Printed Name Robert L. Verquer	
Title Superintendent						
Date January 10, 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						

District I

State of New Mexico

Form C-102

PO Box 1980, Hobbs, NM 88241-1980

Energy, Minerals & Natural Resources Department

Revised October 18, 1994

District II

Instructions on back

811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION

Submit to Appropriate District Office

District III

1220 South St. Francis Drive
Santa Fe, NM 87504

State Lease - 4 Copies

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2040 South Pacheco, Santa Fe, NM 87505

RECEIVED

070 FARMINGTON NM



AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-29419		² Pool Code 06460	³ Pool Name South Blanco Tocito
⁴ Property Code 2459	⁵ Property Name BREECH "E"		⁶ Well Number 79
⁷ OGRID No. 003824	⁸ Operator Name Caulkins Oil Company		⁹ Elevation 6970'

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
G	1	26N	6W		2595'	NORTH	1975'	EAST	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

¹² Dedicated Acres 80	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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16					17 OPERATOR CERTIFICATION	
					I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
					Signature	
					Printed Name Robert L. Verquer	
Title Superintendent						
Date March 27, 2006						
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 E 79**

DAKOTA

MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
01/06	3,455	16	2	13	266	1.231
02/06	5,229	23	3	28	187	0.821
	8,684	39	5		227	1.026

CAULKINS OIL COMPANY
EXHIBIT "E"
VICINITY MAP
BREECH "E" 79

