

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-03733

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

01

1. Oil Well ☐ Gas Well ☐ Other ☐
GAS WELL

8. Well Name and No.

BREECH 307

2. Name of Operator:

Caulkins Oil Company

9. API Well No.

30-039-08157-00C1

3. Address of Operator:

(505) 334-4323

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

10. Field and Pool, Exploratory Area

DAKOTA, MESA VERDE, CHACRA

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

790' F/S 1140' F/W

SEC. 13-26N-7W

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:

5-13-05

We request approval to commingle this well Dakota - Mesa Verde - Otero Chacra by the following procedure:

Rig up.

T. O. H. laying down 1" Chacra tubing from 3233'.

T. O. H. laying down 1 1/4" Dakota tubing from 6908' with R-3 packer.

T. I. H. with new 2 3/8" tubing and mill.

Drill out model "F" packer at 4758'.

Clean out to PBTD with air foam unit.

T. O. H. with mill.

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

Land tubing on doughnut at approximately 6830'.

Rig down and move.



Common Ownership / Common Lease

CONDITIONS OF APPROVAL

Adhere to previously issued stipulations.

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: May 13, 2005

APPROVED BY:

CONDITIONS OF APPROVAL, IF ANY

TITLE: Petr. Eng

DATE: 6/17/05

NMOCD

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

APPLICATION FOR DOWNHOLE COMMINGLING

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

BREECH 307 UNIT M - SEC. 13-26N-7W Rio Arriba
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 003824 Property Code 2454 API No. 30-039-08157 Lease Type: X Federal ____ State ____ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Otero Chacra	Mesa Verde	Basin Dakota
Pool Code	82329	72319	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3194' - 3292'	4602' - 4740'	6620' - 6828'
Method of Production (Flowing or Artificial Lift)	Flowing	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)	1172	1155	1155
Producing, Shut-In or New Zone	Producing	Producing	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: 12 month average Rate: Gas Oil Water 23 0 0 MCF/D Bbl Bbl	Date: 12 month average Rate: Gas Oil Water 10 .106 .011 MCF/D Bbl Bbl	Date: 12 month average Rate: Gas Oil Water 55 .326 .046 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.)	Oil Gas 0 % 26 %	Oil Gas 25 % 12 %	Oil Gas 75 % 62 %

**LAST 12-MONTHS PRODUCTION
FOR
BREECH 307**

DAKOTA

MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
05/04	2,310	10	2	31	68	0.323
06/04	2,133	8	1	30	64	0.267
07/04	2,349	8	1	31	69	0.258
08/04	2,144	9	1	31	62	0.290
09/04	1,652	5	1	27	55	0.185
10/04	2,159	18	3	31	63	0.581
11/04	1,911	21	3	30	57	0.700
12/04	1,350	23	3	25	47	0.920
01/05	1,744	12	2	31	50	0.387
02/05	1,512	0	0	28	47	0.000
03/05	1,507	0	0	31	42	0.000
04/05	1,205	0	0	30	34	0.000
	21,976	114	17		55	0.326

MESA VERDE

MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
05/04	413	3	0	31	12	0.097
06/04	381	3	0	30	11	0.100
07/04	419	2	0	31	12	0.065
08/04	383	3	0	31	11	0.097
09/04	296	2	0	27	10	0.074
10/04	386	6	1	31	11	0.194
11/04	342	7	1	30	10	0.233
12/04	242	7	1	25	8	0.280
01/05	313	4	1	31	9	0.129
02/05	271	0	0	28	8	0.000
03/05	271	0	0	31	7	0.000
04/05	217	0	0	30	6	0.000
	3,934	37	4		10	0.106

OTERO CHACRA

MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
05/04	899	0	0	30	26	0.000
06/04	839	0	0	30	24	0.000
07/04	822	0	0	31	23	0.000
08/04	807	0	0	31	22	0.000
09/04	684	0	0	25	23	0.000
10/04	883	0	0	31	25	0.000
11/04	862	0	0	30	25	0.000
12/04	877	0	0	30	25	0.000
01/05	827	0	0	31	23	0.000
02/05	685	0	0	28	21	0.000
03/05	701	0	0	31	19	0.000
04/05	680	0	0	30	19	0.000
	9,566	0	0		23	0.000

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



AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-08157		² Pool Code 82329	³ Pool Name OTERO CHACRA
⁴ Property Code 2454	⁵ Property Name BREECH		⁶ Well Number 307
⁷ OGRID No. 003824	⁸ Operator Name Caulkins Oil Company		⁹ Elevation 6122 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
M	13	26N	7W		790'	South	1140'	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

¹² Dedicated Acres 160	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 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 May 20, 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

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⁴ Property Code 2454		⁵ Property Name BREECH			⁶ Well Number 307
⁷ OGRID No. 003824		⁸ Operator Name Caulkins Oil Company			⁹ Elevation 6122 GR

¹⁰ Surface Location

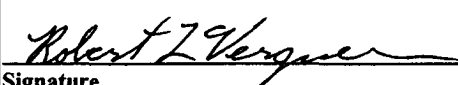
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¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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Breech 307

1140' ⊙

790'

Breech 307 M

1120'

1520'

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-08157		² Pool Code 71599		³ Pool Name BASIN DAKOTA	
⁴ Property Code 2454		⁵ Property Name BREECH			⁶ Well Number 307
⁷ OGRID No. 003824		⁸ Operator Name Caulkins Oil Company			⁹ Elevation 6122 GR

¹⁰ Surface Location

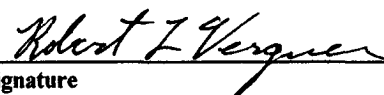
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	Breech 307		Breech 307-M	1520'	
	1140' ⊙		1120'		
	790'				