

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. Indian, Allottee or Tribe Name

7. Unit Agreement Name

PM 3 01

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

2. Name of Operator:

Caulkins Oil Company

3. Address of Operator:

(505) 334-4323

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

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

1120' F/S 1520' F/E

SEC. 13-26N-7W

8. Well Name and No.

BREECH 307-M

9. API Well No.

30-039-23143-00C1

10. Field and Pool, Exploratory Area

DAKOTA, MESA VERDE, CHACRA,
PICTURED CLIFFS

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

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Downhole Commingle

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

17. Describe Proposed or Completed Operations:

5-13-05

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

Rig up.

T. O. H. laying down 1 1/4" PC-Chacra production tubing.

T. O. H. laying down 2 1/16" Dakota-MV production tubing with packer.

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

Clean out to PBTD with air foam unit.

Land tubing on doughnut at approximately 6750'.

Rig down and move.



DITC 455-A 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
ROBERT L. VERQUER

TITLE: Superintendent

DATE: May 13, 2005

APPROVED BY:

John Lovato

TITLE: Petr. Eng

DATE: 6/17/05

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

Oil Conservation Division

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-107A
Revised May 15, 2000

APPLICATION TYPE

☐ Single Well☐ Establish Pre-Approved Pools

EXISTING WELLBORE

☒ Yes ☐ No**APPLICATION FOR DOWNHOLE COMMINGLING**

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

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

OGRID No. 003824 Property Code 2454 API No. 30-039-23143 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Pictured Cliffs	Otero Chacra	Mesa Verde	Basin Dakota
Pool Code	72439	82329	72319	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2281' - 2362'	3231' - 3323'	4534' - 4756'	6652' - 6818'
Method of Production (Flowing or Artificial Lift)	Flowing	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)	N/A	N/A	N/A	N/A
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1177	1177	1219	1219
Producing, Shut-In or New Zone	Producing	Producing	Producing	Producing
Date and Oil/Gas/Water Rates of Last Production.	Date: 12 month average	Date: 12 month average	Date: 12 month average	Date: 12 month average
(Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Rate: Gas Oil Water 47 0 0 MCF/D Bbl Bbl	Rate: Gas Oil Water 20 0 0 MCF/D Bbl Bbl	Rate: Gas Oil Water 36 .367 .065 MCF/D Bbl Bbl	Rate: Gas Oil Water 121 .357 .065 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 21 % 0 %	Gas Oil 9 % 0 %	Gas Oil 16 % 50 %	Gas Oil 54 % 50 %

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

DAKOTA

MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
05/04	4,133	14	2	31	128	0.452
06/04	3,823	10	2	30	122	0.333
07/04	4,103	10	2	31	127	0.323
08/04	3,958	12	2	31	122	0.387
09/04	3,430	6	1	27	122	0.222
10/04	4,573	11	2	31	142	0.355
11/04	3,863	11	2	30	123	0.367
12/04	3,563	8	1	29	118	0.276
01/05	3,883	14	2	31	120	0.452
02/05	3,529	12	2	28	121	0.429
03/05	3,143	10	2	31	96	0.323
04/05	3,457	11	2	30	110	0.367
	45,458	129	22		121	0.357

MESA VERDE

MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
05/04	1,268	14	2	31	38	0.452
06/04	1,174	10	2	30	36	0.333
07/04	1,259	10	2	31	38	0.323
08/04	1,216	12	2	31	37	0.387
09/04	1,053	6	1	27	36	0.222
10/04	1,399	11	2	31	42	0.355
11/04	1,186	11	2	30	37	0.367
12/04	1,095	8	1	29	35	0.276
01/05	1,193	14	2	31	36	0.452
02/05	1,084	12	2	28	36	0.429
03/05	972	10	2	31	29	0.323
04/05	1,065	11	2	30	33	0.367
	13,964	129	22		36	0.357

OTERO CHACRA

MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
05/04	784	0	0	31	24	0.000
06/04	718	0	0	30	23	0.000
07/04	705	0	0	31	21	0.000
08/04	692	0	0	31	21	0.000
09/04	531	0	0	25	20	0.000
10/04	703	0	0	31	21	0.000
11/04	642	0	0	30	20	0.000
12/04	657	0	0	29	21	0.000
01/05	708	0	0	31	22	0.000
02/05	645	0	0	28	22	0.000
03/05	520	0	0	31	15	0.000
04/05	430	0	0	30	13	0.000
	7,735	0	0		20	0.000

PICTURED CLIFFS

MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
05/04	1,856	0	0	31	56	0.000
06/04	1,702	0	0	30	53	0.000
07/04	1,673	0	0	31	50	0.000
08/04	1,641	0	0	31	49	0.000
09/04	1,261	0	0	25	46	0.000
10/04	1,668	0	0	31	50	0.000
11/04	1,525	0	0	30	47	0.000
12/04	1,560	0	0	29	50	0.000
01/05	1,679	0	0	31	50	0.000
02/05	1,530	0	0	28	51	0.000
03/05	1,242	0	0	31	36	0.000
04/05	1,031	0	0	30	30	0.000
	18,368	0	0		47	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 30-039-23143		² Pool Code 72439		³ Pool Name PICTURED CLIFFS	
⁴ Property Code 2454		⁵ Property Name BREECH			⁶ Well Number 307-M
⁷ OGRID No. 003824		⁸ Operator Name Caulkins Oil Company			⁹ Elevation 6164 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
O	13	26N	7W		1120'	South	1520'	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 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
	Breech 307		Breech 307-M	
	1140'⊙		1120'	
	790'		1520'	

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-23143	² Pool Code 82329	³ Pool Name OTERO CHACRA
⁴ Property Code 2454	⁵ Property Name BREECH	⁶ Well Number 307-M
⁷ OGRID No. 003824	⁸ Operator Name Caulkins Oil Company	⁹ Elevation 6164 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
O	13	26N	7W		1120'	South	1520'	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

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

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-23143	² Pool Code 72319	³ Pool Name MESA VERDE
⁴ Property Code 2454	⁵ Property Name BREECH	⁶ Well Number 307-M
⁷ OGRID No. 003824	⁸ Operator Name Caulkins Oil Company	⁹ Elevation 6164 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
O	13	26N	7W		1120	South	1520'	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 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-23143		² Pool Code 71599	³ Pool Name BASIN DAKOTA
⁴ Property Code 2454	⁵ Property Name BREECH		⁶ Well Number 307-M
⁷ OGRID No. 003824	⁸ Operator Name Caulkins Oil Company		⁹ Elevation 6164 GR

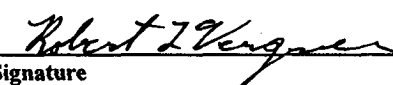
¹⁰ Surface Location

UL or lot no. O	Section 13	Township 26N	Range 7W	Lot Idn	Feet from the 1120'	North/South line South	Feet from the 1520'	East/West line East	County Rio Arriba
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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 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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