

DATE: 11/4/02	SUSPENSE: NA	ENGINEER:	LOGGED IN: KW	TYPE: DHC	APP NO.: 230945308
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AMEND

659

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
 [A] Location - Spacing Unit - Simultaneous Dedication
 ___ NSL ___ NSP ___ SD
- Check One Only for [B] or [C]
 [B] Commingling - Storage - Measurement
 __X DHC ___ CTB ___ PLC ___ PC ___ OLS ___ OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 ___ WFX ___ PMX ___ SWD ___ IPI ___ EOR ___ PPR
- [D] Other: Specify _____
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply
 [A] ___ Working, Royalty or Overriding Royalty Interest Owners
 [B] ___ Offset Operators, Leaseholders or Surface Owner
 [C] ___ Application is One Which Requires Published Legal Notice
 [D] __X Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ___ For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] ___ Waivers are Attached
- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

NOV - 4 2002

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Robert L. Verquer	<i>Robert L. Verquer</i>	Superintendent	October 23, 2002
Print or Type Name	Signature	Title	Date
		caulkins@cyberport.com	
		e-mail Address	

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 P. O. Box 340, Bloomfield, NM 87413
Operator Address
STATE "A" 62-M UNIT D - SEC. 2-26N-6W Rio Arriba
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 003824 Property Code 2464 API No. 30-039-23184 Lease Type: Federal X State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Mesa Verde ✓	UNDES ✓ South Blanco Tocito 012 ✓	Basin Dakota ✓
Pool Code	72319	06460	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	4877' – 5518'	6781' – 6881'	7372' – 7590'
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)	N/A	N/A	N/A
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1062	1283	1062
Producing, Shut-In or New Zone	Shut-in	New Zone	Shut-in
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: August, 2002 Rate: Gas Oil Water 19 .08 .01 MCF/D Bbl Bbl	Date: October 1, 2002 Rate: Gas Oil Water 290.0 2.0 .16 MCF/D Bbl Bbl	Date: August, 2002 Rate: Gas Oil Water 96 .25 .04 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 5 % 3 %	Gas Oil 71 % 86 %	Gas Oil 24 % 11 %

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-2248, DHC-2102, 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 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 October 29, 2002
TYPE OR PRINT NAME Robert L. Verquer TELEPHONE NO. (505) 632-1544

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

State Lease - 4 Copies

1000 Rio Brazos Rd., Aztec, NM 87410

Santa Fe, NM 87504

Fee Lease - 3 Copies

District IV

2040 South Pacheco, Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-23184	² Pool Code 71599	³ Pool Name BASIN DAKOTA
⁴ Property Code 2464	⁵ Property Name STATE "A"	⁶ Well Number 62-M
⁷ OGRID No. 003824	⁸ Operator Name Caulkins Oil Company	⁹ Elevation 6592 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
D	2	26N	6W		1040'	North	1120'	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 320	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 October 22, 2002

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

2640 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

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-23184		² Pool Code 06460		³ Pool Name SOUTH BLANCO TOCITO	
⁴ Property Code 2464		⁵ Property Name STATE "A"			⁶ Well Number 62-M
⁷ OGRID No. 003824		⁸ Operator Name Caulkins Oil Company			⁹ Elevation 6592 GR

¹⁰ Surface Location

UL or lot no. D	Section 2	Township 26N	Range 6W	Lot Idn	Feet from the 1040'	North/South line North	Feet from the 1120'	East/West line West	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 80.56		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ 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 July 31, 2002
					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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State of New Mexico

Form C-102

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Energy, Minerals & Natural Resources Department

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Santa Fe, NM 87504

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-23184	² Pool Code 72319	³ Pool Name MESA VERDE
⁴ Property Code 2464	⁵ Property Name STATE "A"	⁶ Well Number 62-M
⁷ OGRID No. 003824	⁸ Operator Name Caulkins Oil Company	⁹ Elevation 6592 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
D	2	26N	6W		1040'	North	1120'	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 320	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 October 22, 2002

**LAST 12-MONTHS PRODUCTION
FOR
STATE A 62-M**

DAKOTA

MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
09/01	2,879	4	1	30	96	0.133
10/01	2,974	6	1	31	96	0.194
11/01	2,881	6	1	30	96	0.200
12/01	2,903	11	2	30	97	0.367
01/02	3,191	9	1	31	103	0.290
02/02	2,595	8	1	26	100	0.308
03/02	2,942	10	2	31	95	0.323
04/02	2,866	9	1	30	96	0.300
05/02	2,905	7	1	30	97	0.233
06/02	2,780	8	1	30	93	0.267
07/02	3,004	6	1	31	97	0.194
08/02	2,707	4	1	31	87	0.129
	34,627	88	14		96	0.245

MESA VERDE

MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
09/01	559	1	0	30	19	0.033
10/01	578	2	0	31	19	0.065
11/01	560	2	0	30	19	0.067
12/01	563	4	1	30	19	0.133
01/02	608	3	0	31	20	0.097
02/02	498	2	0	26	19	0.077
03/02	574	3	0	31	19	0.097
04/02	558	3	0	30	19	0.100
05/02	563	2	0	30	19	0.067
06/02	546	3	0	30	18	0.100
07/02	582	2	0	31	19	0.065
08/02	542	1	0	31	17	0.032
	6,731	28	1		19	0.078

CAULKINS OIL COMPANY

P. O. BOX 340

BLOOMFIELD, NEW MEXICO 87413

PHONE: 505-632-1544

FAX 505-632-1471

October 29, 2002

The following list is all the offset operators to Caulkins Oil Company well State "A" 62-M, section 2, township 26N, range 6W.

Burlington Resources
P. O. Box 4289
Farmington, NM 87499

Conoco, Inc.
3315 Bloomfield Highway
Farmington, NM 87401

Pure Resources
P. O. Box 850
Bloomfield, NM 87413