

DATE: 6/24/02	WJ	WJ	DHC	217631654
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ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

### ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

#### Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]  
 [DD-Directional Drilling] [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 - Directional Drilling

☐ NSL ☐ NSP ☐ DD ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement

☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

#### [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] ☒ 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] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Robert L. Verquer  
 Print or Type Name

*Robert L. Verquer*  
 Signature

Superintendent  
 Title

June 18, 2002  
 Date

# CAULKINS OIL COMPANY

P. O. BOX 340

BLOOMFIELD, NEW MEXICO 87413

PHONE: 505-632-1544

FAX 505-632-1471

June 21, 2002

State of New Mexico  
Oil Conservation Division  
ATTN: Mr. David Catanach  
1220 S. St. Francis Dr.  
Santa Fe, NM 87504

Re: Approval to Downhole Commingle  
State Com 113 Sec. 2-T26N-R6W, Unit Letter M  
API # 30-039-06662  
Basin Dakota and South Blanco Tocito Formations  
Rio Arriba County, New Mexico

Dear Mr. Catanach:

Caulkins Oil Company requests approval to downhole commingle this well in the Basin Dakota and South Blanco Tocito formations.

This well was temporarily abandoned in the Dakota formation August 1997 and re-completed in the Tocito formation. The well has been produced as a single Tocito since 1997. Production data attached reflects the last 12 month period that the Dakota produced and the current 12 month's production for the Tocito.

Allocations were calculated using the last 24 hour test for Dakota in August 1997 and the average of May 2002 production for the Tocito zone.

Please find enclosed:  
NMOCD form C-107-A  
NMOCD form C-102 for each zone  
Last 12 month production data  
Notification list of working, royalty and overriding royalty interest owners

If you have any questions please call me at (505) 632-1544.

Sincerely,



Robert L. Verquer  
Superintendent

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

CAULKINS OIL COMPANY P. O. BOX 340, BLOOMFIELD, NM 87413  
Operator Address

STATE COM 113 M 2-26N-6W RIO ARRIBA  
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 003824 Property Code 014243 API No. 30-039-06662 Lease Type: ☐ 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)	6876' - 6904'		7350' - 7582'
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)	1263 BTU / 46.2 Gravity		1174 BTU / 52.8 Gravity
Producing, Shut-In or New Zone	Producing		Shut-In (TA)
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: May 2002  Oil Gas Water Rates: 3.0 53 .03 Bbl MCF/D Bbl	Date:  Rates:	Date: August 1997  Oil Gas Water Rates: .08 91 .02 Bbl MCF/D 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 97 % 37 %	Oil Gas % %	Oil Gas 3 % 63 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☐ 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 ☒ No ☐

Will commingling decrease the value of production? Yes ☐ No ☒

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 - 2248, DHC - 2102

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 June 18, 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 &amp; 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

<sup>1</sup> API Number <b>30-039-06662</b>	<sup>2</sup> Pool Code <b>71599</b>	<sup>3</sup> Pool Name <b>BASIN DAKOTA</b>
<sup>4</sup> Property Code <b>014243</b>	<sup>5</sup> Property Name <b>STATE COM</b>	<sup>6</sup> Well Number <b>113</b>
<sup>7</sup> OGRID No. <b>003824</b>	<sup>8</sup> Operator Name <b>Caulkins Oil Company</b>	<sup>9</sup> Elevation <b>6620</b>

<sup>10</sup> Surface Location

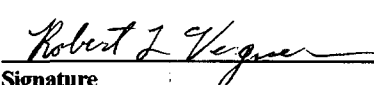
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	2	26N	6W		990	SOUTH	990	WEST	Rio Arriba

<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 <b>320</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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				<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 Printed Name <b>Robert L. Verquer</b> Title <b>Superintendent</b> Date <b>June 18, 2002</b>
				<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
State Com 113			State Com 113-E	
990'			950'	
990'			1110'	

Revised October 18, 1994

Instructions on back  
Submit to Appropriate District Office

State Lease - 4 Copies  
Fee Lease - 3 Copies

**2040 South Pacheco, Santa Fe, NM 87505**

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-039-06662</b>	<sup>2</sup> Pool Code <b>06460</b>	<sup>3</sup> Pool Name <b>SOUTH BLANCO TOCITO</b>
<sup>4</sup> Property Code <b>014243</b>	<sup>5</sup> Property Name <b>STATE COM</b>	<sup>6</sup> Well Number <b>113</b>
<sup>7</sup> OGRID No. <b>003824</b>	<sup>8</sup> Operator Name <b>Caulkins Oil Company</b>	<sup>9</sup> Elevation <b>6620</b>

## <sup>10</sup> 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	2	26N	6W		990	SOUTH	990	WEST	Rio Arriba

<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
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<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

16			<div style="border: 1px solid black; padding: 5px;"> <p><b>17 OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i></p> <div style="border-top: 1px solid black; margin-top: 20px;"> <p style="text-align: center;"><i>Robert L Verquer</i></p> <p><b>Signature</b></p> </div> <div style="border-top: 1px solid black; margin-top: 10px;"> <p><b>Printed Name</b>    Robert L. Verquer</p> </div> <div style="border-top: 1px solid black; margin-top: 10px;"> <p><b>Title</b>                      Superintendent</p> </div> <div style="border-top: 1px solid black; margin-top: 10px;"> <p><b>Date</b>                      June 18, 2002</p> </div> </div>
			<div style="border: 1px solid black; padding: 5px;"> <p><b>18 SURVEYOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <div style="border-top: 1px solid black; height: 40px; margin-top: 10px;"></div> <p style="text-align: right; margin-top: 10px;">Certificate Number</p> </div>

State Com 113

990'

○

990'

State Com 113-E

950'

○

1110'

**LAST 12-MONTHS PRODUCTION  
FOR  
STATE COM 113**

**TOCITO**

MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
06/01	2,457	83	1	30	82	2.767
07/01	2,057	109	1	31	66	3.516
08/01	1,829	97	1	31	59	3.129
09/01	1,747	112	1	30	58	3.733
10/01	1,805	88	1	31	58	2.839
11/01	1,706	114	1	30	57	3.800
12/01	1,683	98	1	31	54	3.161
01/02	1,678	103	1	31	54	3.323
02/02	1,531	90	1	28	55	3.214
03/02	206	83	1	31	7	2.677
04/02	1,767	109	1	30	59	3.633
05/02	1,837	93	1	31	59	3.000
	<b>20,303</b>	<b>1,179</b>	<b>12</b>		<b>56</b>	<b>3.233</b>

**DAKOTA**

MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
08/96	3,341	2	0	30	111	0.067
09/96	1,098	1	0	9	122	0.111
11/96	3,850	2	0	30	128	0.067
12/96	3,259	1	0	31	105	0.032
01/97	3,515	5	1	31	113	0.161
02/97	2,216	2	0	21	106	0.095
03/97	2,396	1	0	31	77	0.032
04/97	2,774	2	0	30	92	0.067
05/97	2,468	6	1	31	80	0.194
06/97	1,106	1	0	13	85	0.077
07/97	1,623	0	0	16	101	0.000
08/97	2,282	0	0	28	82	0.000
	<b>29,928</b>	<b>23</b>	<b>2</b>		<b>100</b>	<b>0.075</b>

STATE COM 113  
26N-6W-SEC. 2  
Rio Arriba County, New Mexico

BETTY ADKINS  
7107 S. HUDSON CR.  
LITTLETON, CO 80122

DOROTHY BARTLETT  
1147 RUNNING BROOK  
SHREVEPORT, LA 71118

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5117 LYTTON AVE.  
LAS VEGAS, NV 89146-1452

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8118 N. CENTRAL EXPRESSWAY  
LB17, SUITE 200  
DALLAS, TX 75208

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138 LA CANADA WAY  
SANTA CRUZ, CA 95060

GWEN WALKER BOYLE  
17524 IVY HILL DR.  
DALLAS, TX 75287

BREECH EQUITIES  
E. ROBERT BREECH, JR.  
2120 WILSHIRE BLVD., #400  
SANTA MONICA, CA 90403

ANITA H. ERIGGS  
115 FISH AND GAME RD.  
CHERRY VALLEY, NY 13320

BROWN ENERGY  
P.O. BOX 752  
WICHITA FALLS, TX 76307

BETSY HENDERSON BRYANT  
2201 BROCKHOLLOW DR.  
ABILENE, TX 79605

HARRIET M. BUCHENAU  
P.O. BOX 867585  
PLANO, TX 75086-7585

LYNN WALKER BURTON  
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DALLAS, TX 75287

CAULKINS PRODUCING CO.  
1600 BROADWAY, SUITE 1400  
DENVER, CO 80202

LONETA S. CURTIS  
605 S. 15TH ST.  
ARTESIA, NM 88210

MARTHA LOU DIXON  
311 TAGGARD  
BURNET, TX 78611

DOMINION OKLA. TEXAS  
EXPL. AND PROD. INC.  
14000 QUAIL SPRINGS PKWY.  
SUITE 600  
OKLAHOMA CITY, OK 73134

MITZI HENDERSON EASLEY  
1203 ARRONIMINK CIRCLE  
AUSTIN, TX 78746

GW HOLDINGS INC.  
P.O. BOX 121938  
FT. WORTH, TX 76121

H LIMITED PARTNERSHIP  
P.O. BOX 2185  
SANTA FE, NM 87504-2185

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SOLANA BEACH, CA 92075

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MARATHON  
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HOUSTON, TX 77252-2049

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2905 SAN PABLO NE  
ALBUQUERQUE, NM 87110

SARAH S. MIMS REV. TRUST  
P.O. BOX 111946  
CARROLLTON, TX 75011-1846

MOKEEN LTD. PARTNERSHIP  
500 FIFTH AVE., SUITE 1710  
NEW YORK, NY 10110

SUZANNE LYN MORSE  
11011 PINE LILLY PLACE  
BRADENTON, FL 34202

NEW MEXICO TAX & REV. DEPT.  
P.O. BOX 2308  
SANTA FE, NM 87503-2308

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C/O STANLEY S. ADLER, C.P.A.  
P.O. BOX 573101  
TARZANA, CA 91357

NUEVO SEIS L.P.  
P.O. BOX 2588  
ROSWELL, NM 88202-2588

PITCH ENERGY CORP.  
P.O. BOX 304  
ARTESIA, NM 88211-0304

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P.O. BOX 162606  
AUSTIN, TX 78716

HENRIETTA E. SCHULTZ, TRUSTEE  
500 N. AKARD, SUITE 2940  
DALLAS, TX 75201

SHARBRO OIL LTD. CO.  
P.O. BOX 840  
ARTESIA, NM 88211-0840

ROBERT L. SMITH & THELMA M. SMITH REV. TRUST  
P.O. BOX 1034  
PAGOSA SPRINGS, CO 81147

VIRGINIA L. SMITH  
120 69TH SO., NW  
BRADENTON, FL 31209

W. C. SMITH ESTATE  
P.O. BOX 840738  
DALLAS, TX 75284-0738

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2510 TWISTED OAKS  
BRYAN, TX 77802

TED WEINER OIL PROP. TRUST  
P.O. BOX 121938  
FT. WORTH, TX 76121-1938

TEXAS CRUDE ENERGY INC.  
P.O. BOX 122369  
FT. WORTH, TX 76121-2369

TEXAS CRUDE OIL-JT. VEN.  
P.O. BOX 122369  
FT. WORTH, TX 76121-2369

MARION S. THOMAS TRUST  
4034 W. LAWRENCE AVE.  
CHICAGO, IL 60630

PAUL A. THOMAS DECL. OF TRUST.  
1310 WILDWOOD LANE  
NORTHBROOK, IL 60062

PATRICIA ULLENBRUCH  
P.O. BOX 1321  
STANWOOD, WA 98292-1321

STATE COM 113  
PAGE 2

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721 ROBINS RD.  
LANSING, MI 48917

LILLIE M. YATES ESTATE  
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ARTESIA, NM 88211-0840

MATIAS A. ZAMORA AND  
EMELINE ZAMORA TRUST  
P.O. BOX 28667  
SANTA FE, NM 87592-8667

DORIS ZIMMERMAN TRUST  
ATTN: LARY HORTON  
NBD BANK TX1-1315  
P.O. BOX 2605  
FT. WORTH, TX 76113-2605