,					
7.11.05	SUSPENSE	ENGINEER DYLLS	7.12.05 LOGGED IN	TYPE DHC	DSCM APP NO.
		7 7		· /	

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505



	ADMINISTRATIVE APPLICATION CHECKLISTOnservania
TH	ADMINIS IRATIVE APPLICATION CHECKLY IN Servation Division Rules And Regular Drive Which Require Processing at the division Level in Santa Fe NM 87502
Арр ис:	[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 [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,
[3]	[F] Waivers are Attached SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.
[4] approva applica	CERTIFICATION: I hereby certify that the information submitted with this application for administrative all is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this action 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.
	t L. Verquer Superintendent Superintendent Superintendent Date

e-mail Address

District I 1 1625 French Drive, Hobbs, NM 88240 , District II

1301 W. Grand Aven

District III **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

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE ____ Yes ____No

Coulling Oil Company	140	DHC 3504	too NM 97410					
Caulkins Oil Company Operator	Add	09 W. Aztec, Blvd., Suite B7, Az ress	tec NM 8/410					
STATE COM 113-	E UNIT P - SEC. 2-26N-6	W	Rio Arriba					
Lease Well N			County					
OGRID No. 003824 Property Co	de <u>14243</u> API No. <u>30-039</u>	-22601 Lease Type:Fede	ral X State Fee					
DATA ELEMENT UPPER ZONE INTERMEDIATE ZONE LOWER ZONE								
Pool Name	Mesa Verde	South Blanco Tocito 61	Basin Dakota					
Pool Code	72319	06460 ,	71599					
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5547' – 4920'	6923' – 6907'	7620' – 7398'					
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)	1122 BTU	Estimated	1122 BTU					
Producing, Shut-In or New Zone	Producing		Producing					
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history,	Date: 12 month average	Date: Estimated	Date: 12 month average					
applicant shall be required to attach production estimates and supporting data.)	Oil Gas Water Rate: .085 49 .42 MCF/D Bbl Bbl	Oil Gas Water Rate: 2 .150 0 MCF/D Bbl Bbl	Oil Gas Water Rate: .037 39 .026 MCF/D Bbl Bbl					
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or	Oil Gas	Oil Gas	Oil Gas					
explanation will be required.)	4 % 21 %	94 % 62 %	2 % 17 %					
	ADDITION							
Are all working, royalty and overriding If not, have all working, royalty and over			Yes No Yes No					
Are all produced fluids from all commit	ngled zones compatible with each o	ther?	Yes X No					
Will commingling decrease the value of			Yes No <u>X</u>					
If this well is on, or communitized with or the United States Bureau of Land Ma			Yes No					
NMOCD Reference Case No. applicabl	e to this well: <u>DHC-1868-A, DHC</u>	C-2069-A, DHC-3187, DHC-2248, I	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-APPRO	VED POOLS						
If application is	to establish Pre-Approved Pools, th	e following additional information v	vill be required:					
List of other orders approving downhole List of all operators within the proposed Proof that all operators within the proposed Bottomhole pressure data.	Pre-Approved Pools							
I hereby certify that the information		he best of my knowledge and bel	ief.					
SIGNATURE Robert 2 Very TYPE OR PRINT NAME ROB	ert L. Verquer TELEPH(TITLE <u>Superintendent</u> ONE NO. <u>(505) 334-4323</u>	_ DATE <u>June 30, 2005</u>					

State of New Mexico ` Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION 1220 South St. Frances Dr. Santa Fe, New Mexico 87505 SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE T FOR PROPOSALS TO DRILL OR TO DEEPEN OR TO PLUG BACI DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (F FOR SUCH PROPOSALS.)	K TO A ORM C-101) 7. Lease Name or Unit Agreement Name STATE COM								
I. Type of Well Oil Well [] Gas Well [] Other []	8. Well No. 113-E								
2. Name of Operator	9. OGRID Number								
Caulkins Oil Company	003824								
3. Address of Operator 1409 W. Aztec Blvd., Suite B7, Aztec, NM 87410	Pool Name or Wildcat DAKOTA, MESA VERDE								
4. Well Location	Different video								
Unit Letter P: 1110' feet from the South line and 9									
2 Section 26N Township 6W Range	NMPM Rio Arriba County Whether DF,RKB,RT,GR,etc.)								
10. Lievanon (Show (6646 GR								
Pit or Below-grade Tank Application] or Closure []									
Bit two Panth to Croundwater Dictance from neare	st fresh water well Distance from nearest surface water								
Pit Liner thickness:mil Below-grade Tank: Volume	bbls; Construction Material								
Temporarily Abandon [] Change Plans []	SUBSEQUENT REPORT OF: Remedial Work [] Altering Casing [] Commence Drilling Opns. [] Plug and Abandonment [] Casing Test and Cement Job []								
Other: []	Other: []								
12. Describe Proposed or Completed Operations									
6-29-04 Rig up.									
T. O. H. standing back 2 3/8" tubing.									
Run wireline set retrievable bridge plug to 7000'.									
Run gas spectrum log, 6950' to 6300'.									
Perforate Tocito zone, 6923' to 6907', with 4 shots	a man faat								
	•								
T. I. H. with 2 7/8" tubing and full bore packer to a									
Frac Tocito zone with 20,000# 20/40 sand and N ₂	foam.								
(continue NOTE: This format is in lieu of State Form C-103.	(continued on page 2) NOTE: This format is in lieu of State Form C-103.								
	d on page 2)								
I hereby certify that the information above is true and complete to the best of my									
	knowledge and belief.								
SIGNATURE ROBERT L. VERQUER (This space for State Use)	knowledge and belief.								
SIGNATURE ROBERT L. VERQUER (This space for State Use)	knowledge and belief.								

Caulkins Oil Company NMOCD C-103 Sundry State Com 113-E June 30, 2005 Page 2

Flow back well to clean up and test Tocito.

- T. O. H. laying down 2 7/8" tubing with packer.
- T. I. H. with 2 3/8" tubing with retrieving head.
- T. O. H. with retrievable bridge plug from 7000'.
- T. I. H. with 2 3/8" production string.

Clean out to PBTD with air foam unit.

Land tubing on doughnut at approximately 7600'.

Rig down and move.

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

Estimated starting date, September 5, 2005

NMOCD C-102 for South Blanco Tocito attached.

OIL CONSERVATION DIVISION

P. O. BOX 2088

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 875

Form C-102 Revised 10-1-7

Air distances must be from the outer boundaries of the Section. Operator Lease Caulkins Oil Company State "A" 113-E Township Range Section County Unit Letter 26 North Rio Arriba 6 West Actual Footage Location of Well: 1110 feet from the South East Dedicated Acreage: Pool Ground Level Elev. **Producing Formation** 6646 Mesa Verde - Dakota Blanco Mesa Verde - Basin Dakota 320 MV & Dak. Acres 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc? Communitization If answer is "yes," type of consolidation __ If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, climinating such interests, has been approved by the Division CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and kelief. Charles E. Verquer Position Superintendent Compony Caulkins Oil Company Date 8-29-85 Sec I hereby certify that the well location shown on this plot was plotted from field E 291-17 notes of actual surveys made by me or under my supervision, and that the some is true and correct to the best of my knowledge and belief. Date Surveyed E 291-26 6 November, 1980 Registered Professional Engineer C002425 Curtis Stocking Certificate No.

2000

1500

1000

500

NMLS 5980

State of New Mexico

Energy, Minerals & Natural Resources Department

Revised October 18, 1994

PO Box 1980, Hobbs, NM 88241-1980 District II 811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION

Instructions on back Submit to Appropriate District Office

District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV

2040 South Pacheco, Santa Fe, NM 87505

1220 South St. Francis Drive Santa Fe, NM 87504

AMENDED REPORT

State Lease - 4 Copies Fee Lease - 3 Copies

XZ	ΈI	T	T	\cap	C	ΔΊ	П	O	N	Δ]	VГ) /	1	٦,	∑ F	ìΔ	10	ŦF	Γ	F	רוי	T	Λ,	Δ΄	П	\cap	N	Ţ	7	Δ	T	i
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¹ API Number		² Pool Code				
30-039-22601		06460	SOUTH BLANCO TOCI	OT		
⁴ Property Code		⁵ Pı	roperty Name	⁶ Well Number		
14243	·	STATE COM				
OGRID No.		⁹ Elevation				
003824	6646 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		
P	2	26N	6W	ļ	1110'	South	950'	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		
	<u>.l</u>	<u> </u>	<u> </u>	<u>L</u>		<u> </u>	<u> </u>				
12 Dedicated Acre	es ¹³ Joint e	or Infill 14 (Consolidation	Code 15 O	rder No.						
80		1		Ī							

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD LINIT HAS BEEN APPROVED BY THE DIVISION

		DARD ONLY HAS BEE		
16			-	¹⁷ OPERATOR CERTIFICATION
				I hereby certify that the information contained herein is true and
				complete to the best of my knowledge and belief
				Robert 2 Verguer
				Signature
				Printed Name Robert L. Verquer
				Title Superintendent
				Date June 30, 2005
				¹⁸ SURVEYOR CERTIFICATION
]	I hereby certify that the well location shown on this plat was
			ł	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
	1		<u> </u>	of my knowledge and belief.
			3	Date of Survey
State Com 113			©	Signature and Seal of Professional Surveyor:
			950,	
990,]	
990'			1110'	
			3	
				Certificate Number

LAST 12-MONTHS PRODUCTION FOR STATE COM 113-E

DAKOTA

MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
05/04	1121	2	0	31	36	0.065
06/04	1084	2	0	30	36	0.067
07/04	654	2	0	19	34	0.105
08/04	271	1	0	6	45	0.167
09/04	1001	0	0	25	40	0.000
10/04	1213	0	0	30	40	0.000
11/04	1082	0	0	30	36	0.000
12/04	1156	0	0	31	37	0.000
01/05	1237	0	0	31	40	0.000
02/05	996	1	0	28	36	0.036
03/05	330	0	Ō	9	37	0.000
05/05	1360	0	0	29	47	0.000
	11,505	8	0		39	0.037

MESA VERDE

MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
05/04	1402	4	1	31	45	0.129
06/04	1356	5	1	30	45	0.167
07/04	815	3	0	19	43	0.158
08/04	346	3	0	6	58	0.500
09/04	1266	0	0	25	51	0.000
10/04	1534	0	0	30	51	0.000
11/04	1353	0	0	30	45	0.000
12/04	1452	0	0	31	47	0.000
01/05	1563	1	0	31	50	0.032
02/05	1245	0	0	28	44	0.000
03/05	413	0	0	9	46	0.000
05/05	1742	1	0	29	60	0.034
	14,487	17	2		49	0.085

District I

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brezos Road, Aziec, 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 APPLICATION TYPE

Revised May 15, 2000

Form C-107A

APPLICATION FOR DOWNHOLE COMMINGLING

	omgic we
	Establish Pre-Approved Pool
	EXISTING WELLBORE
G	YesNo

Caulkins Oil Company Operator	140	09 W. Aztec, Blvd., Suite B7, Az	tec NM 87410							
STATE COM 113-	E UNIT P - SEC. 2-26N-6	W	Rio Arriba							
Lease Well N	No. Unit Letter-Section-Township-	Range	County							
OGRID No. 003824 Property Co	ode <u>14243</u> API No. <u>30-039</u>	-22601 Lease Type:Fede	ral X State Fee							
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE							
Pool Name	Mesa Verde South Blanco Tocito Basin Dakota									
Pool Code	72319	71599								
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5547' – 4920'	7620' – 7398'								
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	1122 PTU	Estimated	1122 BTU							
(Degree API or Gas BTU) Producing, Shut-In or	1122 BTU Producing	Estimated	Producing							
New Zone Date and Oil/Gas/Water Rates of Last Production.	Date: 12 month average	Date: Estimated	Date: 12 month average							
(Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Oil Gas Water Rate: .085 49 .42 MCF/D Bbl Bbl	Oil Gas Water Rate: 2	Oil Gas Water Rate: .037 39 .026 MCF/D Bbl Bbl							
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or	Oil Gas	Oil Gas	Oil Gas							
explanation will be required.)	4 % 21 %	94 % 62 %	2 % 17 %							
Are all working, royalty and overriding If not, have all working, royalty and over		nmingled zones?	Yes X No							
Are all produced fluids from all commit	ngled zones compatible with each o	ther?	Yes X No							
Will commingling decrease the value of	f production?		Yes NoX							
If this well is on, or communitized with or the United States Bureau of Land Ma			Yes No							
NMOCD Reference Case No. applicable	le to this well: <u>DHC-1868-A, DHC</u>	C-2069-A, DHC-3187, DHC-2248, 1	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-APPRO	VED POOLS	3							
If application is	to establish Pre-Approved Pools, the	e following additional information v	vill be required:							
List of other orders approving downhold List of all operators within the proposed Proof that all operators within the proposed Bottomhole pressure data.	d Pre-Approved Pools									
I hereby certify that the information	above is true and complete to the	he best of my knowledge and bel	lief.							
SIGNATURE Robert 2 Very TYPE OR PRINT NAME <u>Rob</u>	2 Dert L. Verquer TELEPH(TITLE Superintendent ONE NO(505) 334-4323	DATE <u>June 30, 2005</u>							

State of New Mexico Energy, Minerals and Natural Resources Department

	WELL API NO.
OIL CONSERVATION DIVISION	30-039-22601
1220 South St. Frances Dr.	5. Indicate Type of Lease
Santa Fe, New Mexico 87505	STATE[] FEE[]
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE T	
FOR PROPOSALS TO DRILL OR TO DEEPEN OR TO PLUG BACK	
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (F FOR SUCH PROPOSALS.)	7. Lease Name or Unit Agreement Name
Tok been the estably	
	STATE COM
1. Type of Well Oil Well [] Gas Well [] Other []	8. Well No. 113-E
2. Name of Operator	9. OGRID Number
Caulkins Oil Company	003824
3. Address of Operator 1409 W. Aztec Blvd., Suite B7, Aztec, NM 87410	Pool Name or Wildcat DAKOTA, MESA VERDE
4. Well Location	
Unit Letter P: 1110' feet from the South line and 9	
2 Section 26N Township 6W Range	
10. Elevation (Snow)	Whether DF,RKB,RT,GR,etc.) 6646 GR
Pit or Below-grade Tank Application [] or Closure []	00 10 GR
Pit type Depth to Groundwater Distance from neare	est fresh water well Distance from nearest surface water
Pit Liner thickness:mil Below-grade Tank: Volume	bbls; Construction Material
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
l l	Remedial Work [] Altering Casing []
	Commence Drilling Opns. [] Plug and Abandonment []
Pull or Alter Casing [] Multiple Completion []	Casing Test and Cement Job []
	Casing Test and Cement Job [] Other: []
	Casing Test and Cement Job [] Other: []
	- · · · · · · · · · · · · · · · · · · ·
Other: [] 12. Describe Proposed or Completed Operations	- · · · · · · · · · · · · · · · · · · ·
Other: [] 12. Describe Proposed or Completed Operations 6-29-04 Rig up.	- · · · · · · · · · · · · · · · · · · ·
Other: [] 12. Describe Proposed or Completed Operations 6-29-04 Rig up. T. O. H. standing back 2 3/8" tubing.	- · · · · · · · · · · · · · · · · · · ·
Other: [] 12. Describe Proposed or Completed Operations 6-29-04 Rig up.	- · · · · · · · · · · · · · · · · · · ·
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Other: [] 12. Describe Proposed or Completed Operations 6-29-04 Rig up. T. O. H. standing back 2 3/8" tubing. Run wireline set retrievable bridge plug to 7000'. Run gas spectrum log, 6950' to 6300'.	Other: []
Other: [] 12. Describe Proposed or Completed Operations 6-29-04 Rig up. T. O. H. standing back 2 3/8" tubing. Run wireline set retrievable bridge plug to 7000'. Run gas spectrum log, 6950' to 6300'. Perforate Tocito zone, 6923' to 6907', with 4 shot	Other: [] s per foot.
Other: [] 12. Describe Proposed or Completed Operations 6-29-04 Rig up. T. O. H. standing back 2 3/8" tubing. Run wireline set retrievable bridge plug to 7000'. Run gas spectrum log, 6950' to 6300'. Perforate Tocito zone, 6923' to 6907', with 4 shot T. I. H. with 2 7/8" tubing and full bore packer to a second content of the second content	S per foot. approximately 6300'.
Other: [] 12. Describe Proposed or Completed Operations 6-29-04 Rig up. T. O. H. standing back 2 3/8" tubing. Run wireline set retrievable bridge plug to 7000'. Run gas spectrum log, 6950' to 6300'. Perforate Tocito zone, 6923' to 6907', with 4 shot	S per foot. approximately 6300'.
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Other: [] 12. Describe Proposed or Completed Operations 6-29-04 Rig up. T. O. H. standing back 2 3/8" tubing. Run wireline set retrievable bridge plug to 7000'. Run gas spectrum log, 6950' to 6300'. Perforate Tocito zone, 6923' to 6907', with 4 shot. T. I. H. with 2 7/8" tubing and full bore packer to Frac Tocito zone with 20,000# 20/40 sand and N2	S per foot. approximately 6300'.
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Other: [] 12. Describe Proposed or Completed Operations 6-29-04 Rig up. T. O. H. standing back 2 3/8" tubing. Run wireline set retrievable bridge plug to 7000'. Run gas spectrum log, 6950' to 6300'. Perforate Tocito zone, 6923' to 6907', with 4 shot. T. I. H. with 2 7/8" tubing and full bore packer to Frac Tocito zone with 20,000# 20/40 sand and N2 (continue).	s per foot. approximately 6300'. foam. ed on page 2)
Other: [] 12. Describe Proposed or Completed Operations 6-29-04 Rig up. T. O. H. standing back 2 3/8" tubing. Run wireline set retrievable bridge plug to 7000'. Run gas spectrum log, 6950' to 6300'. Perforate Tocito zone, 6923' to 6907', with 4 shot. T. I. H. with 2 7/8" tubing and full bore packer to a frac Tocito zone with 20,000# 20/40 sand and N2 (continue NOTE: This format is in lieu of State Form C-103. I hereby certify that the information above is true and complete to the best of my	S per foot. approximately 6300°. foam. ed on page 2) y knowledge and belief.
Other: [] 12. Describe Proposed or Completed Operations 6-29-04 Rig up. T. O. H. standing back 2 3/8" tubing. Run wireline set retrievable bridge plug to 7000'. Run gas spectrum log, 6950' to 6300'. Perforate Tocito zone, 6923' to 6907', with 4 shot. T. I. H. with 2 7/8" tubing and full bore packer to Frac Tocito zone with 20,000# 20/40 sand and N2 (continue NOTE: This format is in lieu of State Form C-103. I hereby certify that the information above is true and complete to the best of my SIGNATURE Role 12 Yearner	S per foot. approximately 6300'. foam. ed on page 2) y knowledge and belief. TITLE Superintendent DATE June 30, 2005
Other: [] 12. Describe Proposed or Completed Operations 6-29-04 Rig up. T. O. H. standing back 2 3/8" tubing. Run wireline set retrievable bridge plug to 7000'. Run gas spectrum log, 6950' to 6300'. Perforate Tocito zone, 6923' to 6907', with 4 shot. T. I. H. with 2 7/8" tubing and full bore packer to Frac Tocito zone with 20,000# 20/40 sand and N2 (continue NOTE: This format is in lieu of State Form C-103. I hereby certify that the information above is true and complete to the best of my SIGNATURE ROBERT L. VERQUER	S per foot. approximately 6300'. foam. ed on page 2) y knowledge and belief.
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Caulkins Oil Company NMOCD C-103 Sundry State Com 113-E June 30, 2005 Page 2

Flow back well to clean up and test Tocito.

- T. O. H. laying down 2 7/8" tubing with packer.
- T. I. H. with 2 3/8" tubing with retrieving head.
- T. O. H. with retrievable bridge plug from 7000'.
- T. I. H. with 2 3/8" production string.

Clean out to PBTD with air foam unit.

Land tubing on doughnut at approximately 7600'.

Rig down and move.

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

Estimated starting date, September 5, 2005

NMOCD C-102 for South Blanco Tocito attached.

OIL CONSERVATION DIVISION

P. O. BOX 2088

STATE OF NEW MEXICO **ENERGY AND MINERALS DEPARTMENT**

660

2640

2000

1500

1000

500

NMLS 5980

SANTA FE, NEW MEXICO 875

Revised 10-1-7

Air distances must be from the outer boundaries of the Section. Well No. Operator State "A" 113-E Caulkins Oil Company Unit Letter Section Township Nango County 2 Río Arriba 26 North 6 West Actual Footage Location of Well; 950 1110 feet from the South feet from the East Pool Dedicated Acreage: **Producing Formation** Ground Level Elev. Blanco Mesa Verde - Basin Dakota 320 MV & Dak. Acre: 6646 Mesa Verde – Dakota 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc? Communitization If answer is "yes;" type of consolidation _ □ N₀ If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization. forced-pooling, or otherwise) or until a non-standard unit, climinating such interests, has been approved by the Division CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and kelief. Charles E. Verquer Position Superintendent Compony Caulkins Oil Company Date **8-29-85** Sec I hereby certify that the well location shown on this plot was platted from field E 291-17 notes of actual surveys made by me or under my supervision, and that the some Is true and correct to the best of my knowledge and belief. Date Surveyed 6 November, 1980 E 291-26 Registered Professional Engineer and/or Land Surveyor C002425 Curtis Stocking Certificate No.

District II

State of New Mexico

Energy, Minerals & Natural Resources Department

Revised October 18, 1994

OIL CONSERVATION DIVISION

Instructions on back Submit to Appropriate District Office

District III

1220 South St. Francis Drive Santa Fe, NM 87504

State Lease - 4 Copies Fee Lease - 3 Copies

District IV

State Com 113

990'

990'

1000 Rio Brazos Rd., Aztec, NM 87410

PO Box 1980, Hobbs, NM 88241-1980

811 South First, Artesia, NM 88210

2040 South Pache	co, Santa Fe,	NM 87505] /	AMENDED REPORT
		W	ÆLL LO	OCAT!	ION AND	ACR	EAGE DEDIC	CATIO	N PLA	T		
1	API Numbe	r		² Pool (Code				³ Pool Na	me		
30	-039-226	01		064	60		S	OUTH !	BLANC	O TOCI	TO	
⁴ Property	Code				⁵ Pr	operty N	Vame					Well Number
1424	3				STA	ATE (COM			į		113-E
⁷ OGRID	No.				¹ Or	perator l	Name					* Elevation
00382	24				Caulkin	s Oil (Company			l		6646 GR
				· ·	¹⁰ Sur	face 1	Location					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from t		North/South line	Feet from	m the	East/West l	ine	County
P	2	26N	6W		1110)'	South	95	50'	Eas	st	Rio Arriba
			11 Bo	ttom I	Hole Locati	ion If	Different Fro	om Sur	face			
UL or lot no.	Section	Township	Range	Lot Idn			North/South line	Feet from		East/West 1	ine	County
ĺ			1	1								ĺ
¹² Dedicated Acre 80	≥s Joint o	or Infill 14 (Consolidation	Code	¹⁵ Order No.							
NO ALLO	WABLE V						UNTIL ALL INT NAPPROVED B				ONS	OLIDATED OR A
16								17	OPER	RATOR	CE	RTIFICATION
				l		1		i he	reby certify	that the inform	nation (contained herein is true and
				1		- 1		com	plete to the	best of my kna	owlede	e and belief
				ł						3,		,
								#				
						-+	"		Rober	122	//	1
						ļ		Sig	nature		-	<u> </u>
				ı		- 1		"	,			

Printed Name

of my knowledge and belief. Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number

Title

Date

950'

1110'

Robert L. Verquer

June 30, 2005

Superintendent

18SURVEYOR 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

LAST 12-MONTHS PRODUCTION FOR STATE COM 113-E

DAKOTA

MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
05/04	1121	2	0	31	36	0.065
06/04	1084	2	0	30	36	0.067
07/04	654	2	0	19	34	0.105
08/04	271	1	0	6	45	0.167
09/04	1001	0	0	25	40	0.000
10/04	1213	0	0	30	40	0.000
11/04	1082	0	0	30	36	0.000
12/04	1156	0	0	31	37	0.000
01/05	1237	0	0	31	40	0.000
02/05	996	1	0	28	36	0.036
03/05	330	0	0	9	37	0.000
05/05	1360	0	0	29	47	0.000
	11,505	8	0		39	0.037

MESA VERDE

MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
05/04	1402	4	1	31	45	0.129
06/04	1356	5	1	30	45	0.167
07/04	815	3	0	19	43	0.158
08/04	346	3	0	6	58	0.500
09/04	1266	0	0	25	51	0.000
10/04	1534	0	0	30	51	0.000
11/04	1353	0	0	30	45	0.000
12/04	1452	0	0	31	47	0.000
01/05	1563	1	0	31	50	0.032
02/05	1245	0	0	28	44	0.000
03/05	413	0	0	9	46	0.000
05/05	1742	1	0	29	60	0.034
	14,487	17	2		49	0.085

District I 1622 N. French Drive, Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aziec, 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 Revised May 15, 2000

Form C-107A

APPLICATION TYPE _Single Well

APPLICATION FOR DOWNHOLE COMMINGLING

Establish Pre-Approved Pools **EXISTING WELLBORE** ____ Yes ____No

Caulkins Oil Company Operator	140	09 W. Aztec, Blvd., Suite B7, Az	tec NM 87410
STATE COM 113- Lease Well N			Rio Arriba County
OGRID No. 003824 Property Co	ode <u>14243</u> API No. <u>30-039</u>	2-22601 Lease Type:Fede	ral X State Fee
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Mesa Verde	South Blanco Tocito	Basin Dakota
Pool Code	72319	06460	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5547' – 4920'	6923' – 6907'	7620' – 7398'
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)	1122 BTU	Estimated	1122 BTU
Producing, Shut-In or New Zone	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 Oil Gas Water Rate: .085 49 .42 MCF/D Bbl Bbl	Date: Estimated Oil Gas Water Rate: 2 .150 0 MCF/D Bbl Bbl	Date: 12 month average Oil Gas Water Rate: .037 39 .026 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 4 % 21 %	Oil Gas 94 % 62 %	Oil Gas 2 % 17 %
	ADDITION	NAL DATA	
Are all working, royalty and overriding If not, have all working, royalty and over			YesX No Yes No
Are all produced fluids from all commis	ngled zones compatible with each o	other?	YesX No
Will commingling decrease the value of	f production?	·	Yes NoX
If this well is on, or communitized with or the United States Bureau of Land Ma			Yes No
NMOCD Reference Case No. applicable	e to this well: <u>DHC-1868-A, DHC</u>	C-2069-A, DHC-3187, DHC-2248, I	OHC-2102
Attachments: C-102 for each zone to be comming Production curve for each zone for For zones with no production histor Data to support allocation method of Notification list of working, royalty Any additional statements, data or of the statements.	at least one year. (If not available, and substituted production rates and substituted production rates and substituted and overriding royalty interests for	attach explanation.) upporting data. r uncommon interest cases.	
	PRE-APPRO	VED POOLS	:
If application is	to establish Pre-Approved Pools, th	e following additional information v	vill be required:
List of other orders approving downhole List of all operators within the proposed Proof that all operators within the proposed Bottomhole pressure data.	Pre-Approved Pools		
I hereby certify that the information		he best of my knowledge and bel	ief.
SIGNATURE Robert 2 Very TYPE OR PRINT NAME ROB	ert L. Verquer TELEPHO	TITLESuperintendent ONE NO(505) 334-4323	DATE <u>June 30, 2005</u>

State of New Mexico Energy, Minerals and Natural Resources Department

	WELL API NO.
OIL CONSERVATION DIVISION	30-039-22601
1220 South St. Frances Dr.	5. Indicate Type of Lease
Santa Fe, New Mexico 87505	STATE[] FEE[]
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE	THIS FORM 6. State Oil & Gas Lease No.
FOR PROPOSALS TO DRILL OR TO DEEPEN OR TO PLUG BADIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"	
FOR SUCH PROPOSALS.)	7. Lease Name or Unit Agreement Name
,	CTL TT COL
1. Type of Well	STATE COM 8. Well No.
Oil Well [] Gas Well [] Other []	113-E
2. Name of Operator	9. OGRID Number
Caulkins Oil Company 3. Address of Operator	003824 Pool Name or Wildcat
1409 W. Aztec Blvd., Suite B7, Aztec, NM 87410	DAKOTA, MESA VERDE
4. Well Location	0501 Seat Secondary Foot line
Unit Letter P: 1110' feet from the South line and 2 Section 26N Township 6W Range	NMPM Rio Arriba County
	w Whether DF,RKB,RT,GR,etc.)
	6646 GR
Pit or Below-grade Tank Application [] or Closure []	
Pit type Depth to Groundwater Distance from ne	arest fresh water well Distance from nearest surface water
Pit Liner thickness:mil Below-grade Tank: Volume	hhle: Construction Motorial
NOTICE OF INTENTION TO: Perform Remedial Work [] Plug and Abandon []	SUBSEQUENT REPORT OF: Remedial Work [] Altering Casing []
Temporarily Abandon [] Change Plans []	Commence Drilling Opns. [] Plug and Abandonment []
Pull or Alter Casing [] Multiple Completion []	Casing Test and Cement Job []
Other: []	Other: []
12. Describe Proposed or Completed Operations	
6-29-04 Rig up.	
T. O. H. standing back 2 3/8" tubing.	
, and the second	,
Run wireline set retrievable bridge plug to 7000	·•
Run gas spectrum log, 6950' to 6300'.	
Perforate Tocito zone, 6923' to 6907', with 4 sh	ots per foot.
T. I. H. with 2 7/8" tubing and full bore packer t	so approximately 6300'.
Frac Tocito zone with 20,000# 20/40 sand and I	Na foam
Total	·, ·······
(continuous NOTE: This format is in lieu of State Form C-103.	nued on page 2)
I hereby certify that the information above is true and complete to the best of	my knowledge and belief.
21 4201	
SIGNATURE Robert 2 Vergue	
ROBERT L. VERQUER	TITLE_Superintendent DATE June 30, 2005 Ph. (505) 334-4323
(This space for State Use)	

Caulkins Oil Company NMOCD C-103 Sundry State Com 113-E June 30, 2005 Page 2

Flow back well to clean up and test Tocito.

- T. O. H. laying down 2 7/8" tubing with packer.
- T. I. H. with 2 3/8" tubing with retrieving head.
- T. O. H. with retrievable bridge plug from 7000'.
- T. I. H. with 2 3/8" production string.

Clean out to PBTD with air foam unit.

Land tubing on doughnut at approximately 7600'.

Rig down and move.

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

Estimated starting date, September 5, 2005

NMOCD C-102 for South Blanco Tocito attached.

OIL CONSERVATION DIVISION

Form C-102 Revised 10-1-7

P. O. BOX 2088 STATE OF NEW MEXICO SANTA FE, NEW MEXICO 875 ENERGY AND MINERALS DEPARTMENT

*		A. diate	ences must be from	n the out	er boundaries of	the Section		
Operator	ins Oil Compar	1 V	L	eqs e	State "A	11		Well No. 113-E
Unit Letter	Section	Township		Range		County		1 22 5
P	2		North		6 West		Rio Arri	iba
Actual Fastage Loc	ation of Well;					L		
1110	feet from the	South	line and	950	feet	from the	East	line
Ground Level Elev.	Producing For	nation	Γ.	ool				Dedicated Acreage:
6646	Mesa Verd	e - Dake	ota i	Blanco	Mesa Verd	e - Bas	in Dakota	320 MV & Dak. Acres
1. Outline th	e acreage dedicat	ted to the	e subject well	by col	ored pencil o	r hachure	marks on the	e plat below.
	nan one lease is nd royalty).	dedicated	l to the well,	outline	each and ide	ntify the	ownership th	ercof (both as to workin;
	an one lease of di communitization, u		•		to the well,	have the i	interests of	all owners been consoli-
X Yes	No II an	swer is '	'yes!' type of c	consolic	lation	Com	munitizati	lon
this form i No allowat	is "no," list the of necessary.) lic will be assigne	owners and	nd tract descrip	otions w	which have ac	tually bed	ed (by comm	nunitization, unitization. approved by the Division
	!			1			}	CERTIFICATION
					· 		tained here best of my Name Cha Position Sup Company	erily that the information con- in is true and complete to the throwledge and belief. Arles E. Verquer Derintendent alkins Oil Company
	1			1		1	Date	
	1	Sec.	2	i		1	.8-	29-85
1	((1 291-17 (1						shown on the notes of ac- under my se	ertify that the well location his plot was plotted from field tual surveys made by me or opervision, and that the some of correct to the best of my and belief.
				E 291	L-26		Hegistered Pr and/or Land S Cur	lovember, 1980 plessional Engineer purveyor C002425 tis Stocking
Promote Transport		-	-	energy	* No. Spinory	الحصيا	Certificate No	•
0 330 660 0	0 1370 1650 1980	2310 264	0 2000	1500	1000 500		MM	LS 5980

State of New Mexico

Energy, Minerals & Natural Resources Department

Form C-102

PO Box 1980, Hobbs, NM 88241-1980

District II

811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION

Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

80

2040 South Pacheco, Santa Fe, NM 87505

1220 South St. Francis Drive Santa Fe, NM 87504

Fee Lease - 3 Copies

AMENDED REPORT

State Lease - 4 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

	WEEL BOOKING	10101101101110111	
¹ API Number	¹ Pool Code	³ Pool Name	
30-039-22601	06460	SOUTH BLANCO TOC	ITO
⁴ Property Code	⁵ Pro	perty Name	'Well Number
14243	STA	TE COM	113-E
OGRID No.	¹ Ope	rator Name	' Elevation
003824	Caulkins	Oil Company	6646 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	
P	2	26N	6W		1110'	South	950'	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	
		<u> </u>		<u> </u>						
¹² Dedicated Acres 15 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
			Referent 7 Williams
			Robert I Verguer Signature
			Printed Name Robert L. Verquer
			Title Superintendent
			Date June 30, 2005
State Com 113 990' 990'		950°	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 STATE COM 113-E

DAKOTA

MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
05/04	1121	2	0	31	36	0.065
06/04	1084	2	0	30	36	0.067
07/04	654	2	0	19	34	0.105
08/04	271	1	0	6	45	0.167
09/04	1001	0	0	25	40	0.000
10/04	1213	0	0	30	40	0.000
11/04	1082	0	0	30	36	0.000
12/04	1156	0	0	31	37	0.000
01/05	1237	0	0	31	40	0.000
02/05	996	1	0	28	36	0.036
03/05	330	0	0	9	37	0.000
05/05	1360	0	0	29	47	0.000
	11,505	8	0		39	0.037

MESA VERDE

MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
05/04	1402	4	1	31	45	0.129
06/04	1356	5	1	30	45	0.167
07/04	815	3	0	19	43	0.158
08/04	346	3	0	6	58	0.500
09/04	1266	0	0	25	51	0.000
10/04	1534	0	0	30	51	0.000
11/04	1353	0	0	30	45	0.000
12/04	1452	0	0	31	47	0.000
01/05	1563	1	Ō	31	50	0.032
02/05	1245	0	0	28	44	0.000
03/05	413	0	0	9	46	0.000
05/05	1742	1	0	29	60	0.034
	14,487	17	2		49	0.085