District 1 1625 N. French Drive, Hobbs, NM 88240

District II

District IV

Operator

Lease

SANCHEZ

1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

1220 S. St. Francis Dr., Santa Fe, NM 87505

Caulkins Oil Company

4-R Well No.

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

X Yes ____No

County

APPLICATION FOR DOWNHOLE COMMINGLING

Unit Letter-Section-Township-Range

1409 W. Aztec, Blvd., Suite B7, Aztec	NM 87410
Address	
UNIT F - SEC. 25-26N-6W	Rio Arriba

OGRID No. 003824 Property Code 2463 API No. 30-039-23723 Lease Type: X Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	INTERMEDIATE ZONE	LOWER ZONE		
Pool Name	South BLANCO Pictured Cliffs Pucar	Otero Chacra	BLANCO Mesa Verde Por	Basin Dakota Pa		
Pool Code	72439	82329	72319	71599		
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2982' – 3011'	3864' – 3895'	4938' – 5378'	7216' – 7456'		
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)	Prosuma Call	in BY BOBBY 211	w/Caulling 4/2	296		
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1264	1264	1250	1250		
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 72 0 0 MCF/D Bbl Bbl	Rate: Gas Oil Water 35 0 0 MCF/D Bbl Bbl	Rate: Gas Oil Water 55 1.198 .177 MCF/D Bbl Bbl	Rate: Gas Oil Water 82 .377 .063 MCF/B 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 29 % 0 %	Gas Oil 15 % 0 %	Gas Oil 23 % 76 %	Gas 33 % Oil 24 %		

ADDITIONAL DATA	当	
Are all working, royalty and overriding royalty interests identical in all commingled zones? If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?	Yes X 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 <u>X</u>
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: <u>DHC-2031, DHC-455-A</u>		

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.0

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	2 g/ang	····	 TITLE	Superintendent	DATE	March 27, 2006
TYPE OR PRINT NAME	Robert	L. Verquer		(505) 334-4323		

LOGGED IN 4/14/06

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 WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE	REGULATIONS
Application Acronyms: [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedica [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Comming [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 Respo	jling] (j
[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 DHC CTB PLC PC OLS OLM	
[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery WFX PMX SWD IPI BOR 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	at tag in the
[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/o	r,
[F] Waivers are Attached	:
[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS OF APPLICATION INDICATED ABOVE.	тне түре
CERTIFICATION: I hereby certify that the information submitted with this application for adapproval is accurate and complete to the best of my knowledge. I also understand that no action will be application until the required information and notifications are submitted to the Division.	ninistrative taken on this
Note: Statement must be completed by an Individual with managerial and/or supervisory capacity.	
Print or Type Name Signature Title	Date

e-mail Address

5. Lease **UNITED STATES** NMSF-079304 DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT 6. If Indian, Allottee or Tribe Name SUNDRY NOTICES AND REPORTS ON WELLS 7. Unit Agreement Name (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) 8. Well Name and No. 1. Oil Well [] Gas Well [] Other [] **GAS WELL SANCHEZ 4-R** 2. Name of Operator: 9. API Well No. 30-039-23723-00C1 Caulkins Oil Company 10. Field and Pool, Exploratory Area 3. Address of Operator: (505) 334-4323 DAKOTA, MESA VERDE, CHACRA, 1409 W. Aztec Blvd. Ste B7, Aztec, NM 87410 PICTURED CLIFFS 11. Country or Parish, State 4. Location of Well (Footage, Sec., Twp., Rge.) Rio Arriba Co., New Mexico 1750' F/N 1550' F/W SEC. 25-26N-6W 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION [X] Notice of Intent [] Abandonment [] Change of Plans [] New Construction []Recompletion [] Subsequent Report [] Plugging Back Non-Routine Fracturing [] Casing Repair [] Water Shut-Off [] Altering Casing [] Conversion to Injection [] Final Abandonment Notice [X] Other Downhole Commingle Dispose Water 17. Describe Proposed or Completed Operations: We request approval to downhole commingle this well as a Dakota - Mesa Verde - Chacra - Pictured Cliffs by 3-27-06 the following procedure: Rig up. T. O. H. laying down 2 1/16" PC-Chacra production tubing from 3876'. 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 7400'. Rig down and move. 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: Rober TITLE: Superintendent DATE: March 27, 2006 ROBERT L. VERQUER APPROVED BY: TITLE:___ _____ DATE:_ CONDITIONS OF APPROVAL, IF ANY

District I PO Box 1980, Hobbs, NM 88241-1980 District II 811 South First, Artesia, NM 88210 District III 1000 Rio Brazus Rd., Aztec, NM 87410

2040 South Pacheco, Santa Fe, NM 87505

District IV

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505 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

		W	ELL LC	CATIO	N AND A	CREAGE DEI	DICATION P	LAT		
1,	API Numbe	•		¹ Pool Co	ode	³ Pool Name				
30-	-039-2372	23		71599	9		BASIN D	AKOTA		
Property (Code				5 Pro	perty Name			• •	Well Number
2463	. [SA	NCHEZ				4-R
'OGRID	No.				* Opc	rator Name				* Elevation
00382	24 Caulkins Oil Company							6662 GR		
	¹⁰ Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from th	e North/South line	Feet from the	East/West	linc	County
F	25	26N	6W		1750'	North	1550'	Wo	st	Rio Arriba
			¹¹ Bo	ttom H	ole Location	on If Different F	rom Surface			
UL or lot no.	Section	Township	aship Range Lot idn Feet from the North/South line Feet from the East/West I			line	County			
	<u> </u>		<u> </u>					<u> </u>		<u> </u>
" Dedicated Acres	Joint o	r Infill 💾 (Consolidation	Code 15	Order No.					
320										

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

			AVAITED DI TI	
16	A			17 OPERATOR CERTIFICATION
				I hereby certify that the information contained herein is true and
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			4 100	
	1750'	(0)	W	11/19/
É	1550	O DOT	60 Dm	Signature Robert 1 Verguer
K	1550b	Washington, and the same of th	B JUK	Printed Name Robert L. Verquer
3				
	1/1		•••	Title Superintendent
: :	La transport of the second of		•	Date July 23, 1999
				"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
i :	ļ	:		my supervision, and that the same is true and correct to the best
				of my knowledge and belief. Date of Survey
				one or survey
				Signature and Scal of Professional Surveyor:
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(Y	7	<u> </u>		Certificate Number

District I PO Box 1980, Hobbs, NAI 88241-1980 District II 811 South First, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505 Form C-102
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AMENDED REPORT

District IV
2040 South Pacheco, Santa Fe, NM 87505

1 Pool Name 30-039-23723 72319 1 Property Name 2463 2463 2 GORID No. 003824 2 Caulkins Oil Company 1 Operator Name Caulkins Oil Company 1 Surface Location U. or lot no. F 25 26N 6W 1 Footer Iron the North-South line Feet from the Feet fr	WELL LOCATION AND ACREAGE DEDICATION PLAT												
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Correction County				_1			erty Na	ımç		IVEDA V	EKDE	Γ	* Well Number
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1750' 1880 1750' Signature Robert L. Title Superint Date July 23, 18 SURVEYOR CE. I hereby certify that the well location planted from field unter of acute at my supervision, and that the same is of my knowledge and belief. Date of Survey	NO ALLOWA		N	NON-STAN	NDAR	D UNIT HAS B	EEN	APPROVED I	BY T	HE DIVISI	ON		
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District I
PO Box 1980, Hobbs, NM 88241-1980
District II
\$11 South First, Artesia, NM 88210
District III
1000 Rio Brazus 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 2040 South Pacheco Santa Fe, NM 87505 Form C-102
Revised October 18, 1994
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AMENDED REPORT

WELL LOCATION	AND	ACREAGE	DEDICATION	PLAT

			72.20			CAGE DED				
'	API Number Pool Code Pool Name					Vame				
30	-039-237	23	ł	82329	į	OTERO CHACRA				
4 Property	Code				5 Property	Name		5	* Well Number	
2463					SANCE	HEZ			4-K	
'OGRID	No.				* Operator	Name			'Elevation	
00382	4	Caulkins Oil Company 6662 GR							6662 GR	
	10 Surface Location									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County	
F	25	26N	6W		1750'	North	1550'	West	Rio Arriba	
			" Bo	ttom Ho	le Location I	f Different Fr	om 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 Acre	s ^{II} Joint o	r Infill "C	onsolidation	Code 15 O	rder No.				_	
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A

 NON-STAN	DARD UNIT HAS BEE	EN APPROVED BY TI	HE DIVISION
	OIII C	CEIVED	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
1750' V	Diete	S DAR	Signature Robert L. Verquer Title Superintendent Date July 23, 1999
	·		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 of my knowledge and belief. Date of Survey Signature and Seal of Professional Surveyor:

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

2040 South Pacheco, Santa Fe, NM 87505

District IV

State of New Mexico
Energy, Minerals & Natural Resources Department

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Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

			/ELL LU	JCA I	ION AND AC	KEAGE DED	ICATION PL	_A1		
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4 Property (Code				5 Propert	y Name		,		* Well Number
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'OGRID	No.				¹ Operato	or Name				* Elevation
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UL or lot no.	Section	Township	Range	Lot Idn		North/South line	Feet from the	East/West	line	County
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	j	j		1			of my knowled	dge and belief.		
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LAST 12-MONTHS PRODUCTION FOR SANCHEZ 4-R

DAKOTA

MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
03/05	2,229	10	2	27	83	0.370
04/05	2,298	9	1	26	88	0.346
05/05	2,579	_ 14	2	31	83	0.452
06/05	2,496	10	2	30	83	0.333
07/05	2,579	12	2	31	83	0.387
08/05	2,242	10	2	31	72	0.323
09/05	1,811	8	1	22	82	0.364
10/05	2,654	12	2	31	86	0.387
11/05	2,467	12	2	30	82	0.400
12/05	2,549	11	2	31	82	0.355
01/06	2,554	13	2	31	82	0.419
02/06	2,193	11	2	28	78	0.393
	28,651	132	22		82	0.377

MESA VERDE

MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
03/05	1,490	34	5	27	55	1.259
04/05	1,532	26	4	26	59	1.000
05/05	1,723	44	7	31	56	1.419
06/05	1,668	32	5	30	56	1.067
07/05	1,723	36	5	31	56	1.161
08/05	1,508	34	5	31	49	1.097
09/05	1,211	23	3	22	55	1.045
10/05	1,771	40	6	31	57	1.290
11/05	1,649	38	6	30	55	1.267
12/05	1,704	35	5	31	55	1.129
01/06	1,707	43	6	31	55	1.387
02/06	1,469	35	5	28	52	1.250
	19,155	420	62		55	1.198

LAST 12-MONTHS PRODUCTION FOR SANCHEZ 4-R

OTERO CHACRA

MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
03/05	962	0	0	27	36	0.000
04/05	1,048	0	0	26	40	0.000
05/05	1,106	0	0	31	36	0.000
06/05	1,039	0	0	30	35	0.000
07/05	1,106	0	0	31	36	0.000
08/05	1,013	0	0	31	33	0.000
09/05	747	0	0	22	34	0.000
10/05	1,114	0	0	31	36	0.000
11/05	1,023	0	0	30	34	0.000
12/05	959	0	0	31	31	0.000
01/06	1,040	0	0	31	34	0.000
02/06	958	0	0	28	34	0.000
	12,115	0	0		35	0.000

PICTURED CLIFFS

MONTH	GAS	OIL	WATER	DAYS	GAS DPA	OIL DPA
03/05	2,006	0	0	27	74	0.000
04/05	2,216	0	0	26	85	0.000
05/05	2,305	0	0	31	74	0.000
06/05	2,159	0	0	30	72	0.000
07/05	2,305	0	0	31	74	0.000
08/05	2,088	0	0	31	67	0.000
09/05	1,547	0	0	22	70	0.000
10/05	2,325	0	0	31	75	0.000
11/05	2,120	0	0	30	71	0.000
12/05	1,963	0	0	31	63	0.000
01/06	2,152	0	0	31	69	0.000
02/06	1,988	0	0	28	71	0.000
	25,174	0	0		72	0.000

