		1 5. Lease			
UNITED ST DEPARTMENT OF T BUREAU OF LAND M	NMNM-03733				
	6. J. Indian, Allottee or Tribe Name				
SUNDRY NOTICES AND R  (Do not use this form for proposals to drill or reservoir. Use "APPLICATION FOR F	to deepen or plug back to a different?	7. Unit Agreement Name			
1. Oil Well [] Gas Well [] Other []	REOS	8. Well Name and No.			
GAS WELL		Matter in BREECH 307-M			
2. Name of Operator:		9. API Well No.			
Caulkins Oil Company		30-039-23143-00C1			
3. Address of Operator: (505) 334-4323		10. Field and Pool, Exploratory Area			
1409 W. Aztec Blvd. Ste B7, Aztec, NM	A 87410	DAKOTA, MESA VERDE, CHACRA,			
4. Location of Well (Footage, Sec., Twp., Rge.)		PICTURED CLIFFS 11. Country or Parish, State			
	201 571				
<u> </u>	-26N-7W	Rio Arriba Co., New Mexico			
TYPE OF SUBMISSION		OTICE, REPORT, OR OTHER DATA			
	TYPE OF ACTION	L.) Change of Diago			
[X] Notice of Intent	[ ] Abandonment [ ] Recompletion	[ ] Change of Plans [ ] New Construction			
[ ] Subsequent Report	Plugging Back	Non-Routine Fracturing			
[ [ ] baccequent report	Casing Repair	Water Shut-Off			
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection			
	[X] Other <u>Downhole Comming</u>	le [ ] Dispose Water			
17. Describe Proposed or Completed Operations:					
5-13-05 We request approval to co following procedure:	mmingle this well Dakota – Mesa Ver	rde - Otero Chacra - Pictured Cliffs by the			
Rig up.		227775			
T. O. H. laving down 1 1	/4" PC-Chacra production tubing.				
	/16" Dakota-MV production tubing w	ith nacker			
T. I. H. with new 2 3/8"	•	illi packet.			
Clean out to PBTD with					
		9			
Land tubing on doughnu	at approximately 6/50.				
Rig down and move.					
	DIFC 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 FOREGOIN	NG IS TRUE AND CORRECT				
SIGNED: ROBERT L. VERQUER	TITLE: Superintende	nt DATE: May 13, 2005			
APPROVED BY:	TITLE: Petr. Enc	DATE: 6 (17/05			

<u>District I'</u>
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 APPLICATION TYPE
\_\_\_Single Well
\_\_Establish Pre-Approved Pools
EXISTING WELLBORE

APPLICATION FOR DOWNHOLE COMMINGLING

X Yes No

Form C-107A

Revised May 15, 2000

Caulkins Oil Company		1409 W. Aztec, Blvd., Suite B7, Aztec NM 87410								
Operator		Address								
BREECH Lease	307-M U Well No. U	Rio Arriba County								
OGRID No. 003824 Property Co	ode <u>2454</u> API No	30-039-23143 Lease 1	ype: X Federal	StateFee						
DATA ELEMENT	UPPER ZONĘ	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	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 3,45		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	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	Ö		47	0.000

PO Box 1980, Hobbs, NM 88241-1980

District II

District III

811 South First, Artesia, NM 88210

1000 Rio Brazos Rd., Aztec, NM 87410

Energy, Minerals & Natural Resources Department

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

#### **OIL CONSERVATION DIVISION**

1220 South St. Francis Drive Santa Fe, NM 87504

State Lease - 4 Copies Fee Lease - 3 Copies

District IV

AMENDED	REPORT

#### 2040 South Pacheco, Santa Fe, NM 87505 WELL LOCATION AND ACREAGE DEDICATION PLAT <sup>1</sup> API Number Pool Code <sup>3</sup> Pool Name 30-039-23143 72439 PICTURED CLIFFS <sup>4</sup> Property Code Well Number Property Name 2454 **BREECH** 307-M OGRID No. Operator Name \* Elevation 003824 **Caulkins Oil Company** 6164 GR <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 0 13 26N **7W** 1120' South 1520' East Rio Arriba <sup>11</sup> Bottom Hole Location If Different From Surface North/South line UL or lot no. Section Township Range Lot Idn Feet from the Feet from the East/West line County 12 Dedicated Acres 13 Joint or Infill <sup>14</sup> Consolidation Code 15 Order No. 160 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
	1			I hereby certify that the information contained herein is true and
				complete to the best of my knowledge and belief
,				
				Robert I Wengner Signature
				Signature
				Printed Name Robert L. Verquer
				Title Superintendent
				Date May 20, 2005
				<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
		1		of my knowledge and belief.
		8		Date of Survey
Breech 307		Breech 30g-M	1520'	Signature and Seal of Professional Surveyor:
<del>1140'</del> ♥		1120'		
790'				
		<del></del>		Certificate Number

State of New Mexico

Form C-102

PO Box 1980, Hobbs, NM 88241-1980

District II

811 South First, Artesia, NM 88210

Energy, Minerals & Natural Resources Department

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### **OIL CONSERVATION DIVISION**

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District IV

District III

2040 South Pacheco, Santa Fe, NM 87505

1000 Rio Brazos Rd., Aztec, NM 87410

	AMENDED REPORT
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WELL LOCATION AND ACKEAGE DEDICA													
	API Numbe			<sup>1</sup> Pool Code						Pool Name			
	-039-231	43		82329						OTERO CHACRA			
<sup>4</sup> Property	-	· .					* Well Number						
2454 BREECH										307-M			
'OGRID	OGRID No. Operator Name 'Elevation										'Elevation		
00382	4 .				Caulkins C	Oil C	Company			.		6164 GR	
					10 Surfac	ce I	ocation						
UL or lot no.	Section	Township	Range	Lot Idn	<del></del>		North/South line	Feet	from the	East/West	ine	County	
0	13	26N	7W		1120'		South	1	1520'	Ea	st	Rio Arriba	
		1	<sup>11</sup> Bo	ttom l	Hole Location	n If	Different Fro	om S	urface				
UL or lot no.	Section	Township	Range	Lot Idn			North/South line		from the	East/West	line	County	
12 Dedicated Acres	s <sup>13</sup> Joint o	r Infill 14	Consolidation	Code	15 Order No.		· · · · · · · · · · · · · · · · · · ·	<u> </u>				<u> </u>	
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Bree	ch 307				Breech 30%-M	и	1520'		Signature and	Seal of Professi	onal Surv	/eyor:	
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### State of New Mexico

Form C-102

PO Box 1980, Hobbs, NM 88241-1980

District II

811 South First, Artesia, NM 88210

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

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

District III

1000 Dia Brazas Dd. Avter. NM 97410

1220 South St. Francis Drive

State Lease - 4 Copies

٦	AMENDED	REPORT

TOOU KIO DISZOS N	ia., Aztec, N	MI 8/410			Santa	Fe, N	IM 87504			F	ee Lease - 3 Copie
District IV	C -4- B-	****							Г-	<b>-</b>	
2040 South Pached	co, Santa Fe,	•	ÆLL LO	CAT	ION AND	ACI	REAGE DEDIC	CATION PL	AT L	_] A	MENDED REPORT
	API Numbe	er		<sup>1</sup> Pool (	Code			3 Pool N			
	-039-231	43		723				MESA V	ERDE		
<sup>4</sup> Property			-			roperty					Well Number
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10GRID		ĺ				perator					'Elevation
00382	4	<u> </u>			· · · · · · · · · · · · · · · · · · ·		Location			<u></u>	6164 GR
UL or lot no.	Section	Township	Range	Lot Idn			Location North/South line	Feet from the	East/West	line	County
OL or lot no.	13	26N	7W	LOI MA	1120		South	1520'	East west		Rio Arriba
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## State of New Mexico

Energy, Minerals & Natural Resources Department

Revised October 18, 1994 Instructions on back

PO Box 1980, Hobbs, NM 88241-1980 District II 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 Río Brazos Rd., Aztec, NM 87410				Santa Fe, NM 87504						Fee Lease - 3 Copies			
District IV											_		
2040 South Pache	co, Santa Fe,	NM 87505								L	AN	MENDED REPORT	
		7	WELL LO	DCAT	TION AND	AC!	REAGE DEDIC	CAT	ON PLA	AT			
1			l Code	<sup>3</sup> Pool Name									
30-039-23143				71	599	BASIN DAKOTA							
¹ Property Code						y Name				' Well Number			
2454			BREECH							307-M			
'OGRID		* Operator									' Elevation		
00382		Caulkins Oil Company							6164 GR				
<sup>10</sup> Surface Location													
UL or lot no.	ot no. Section Township		Range	Range Lot Idn		he	North/South line Feet		et from the East/West		line	County	
0	13	26N	1 7W		1120	)'	South	1520'		Ea	st	Rio Arriba	
11 Bottom Hole Location If Different From Surface													
UL or lot no. Section		Township	Range	Lot Id					rom the	East/West line		County	
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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													
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								I,	lotted from file	eld notes of ac	ual survev	s made by me or under	
								my supervision, and that the same is true and correct to the best					
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Breach 207					December 200	7.14	1520'		ignature and	Seal of Profess	ional Surv	evor:	
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