DISTRICT I

P.O. Box 1980, hobbs, NM 88240

State of New Energy, Minerals and Natural Resources Department VE()

OIL CONSERVATION DIVISION M

Form C-107-A New 3-12-96

DISTRICT II

811 South First St., Artesia, NM 88210

APPROVAL PROCESS:

DISTRICT III

X Administrative Hearing

io Rio Brazos Rd., Aztec, NM 87410

Santa Fe, New Mexico 87505-6429111 30 PM 12: 46
APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE

FRANCE DESCRIPTION OF THE STATE OF THE	APPLICATION FOR DOWN		
CAULKINS OIL COMPANY	,	P.O. BOW 340, BLOOMFIEL	D, NM 87413
BREECH	377	M - SEC. 23-26N-7W	RIO ARRIBA
LEASE	WELL NO.	UNIT LTR SEC TWP RGE.	COUNTY
OGRID NO. <u>003824</u> Propo	erty Code 2454 API NO. 30-039		Spacing Unit Lease types: (check I or more)
The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
Pool Name and Pool Code	Pictured Cliffs Commingle Order R-5648	Mesa Verde Commingle Order Gallup, DHC-2031 .	Dakota Commingle Order DHC-2031
2. Top and Bottom of Pay Section (Perforations)	2986' to 3060'	MV 4654' to 5372' Gallup 6455' to 6892'	7328' to 7499'
3. Type of production (Oil or Gas)	Gas DECEIVE	and Condensate	Gas and Condensate
4. Method of Production (Flowing or Artificial Lift)	Flowing JUL 1 4 1999	Tiowing	Flowing
5. Bottomhole Pressure Zones - Artificial Lift: Estimated Current	a. (Current) [L. GON. D. 530# DIST. 2	LWo Commingled	a. 884#
Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original	(Original) b. 864-Estimated	b. MV 1210 Estimated Gallup 1466 Measured	b. 2452 Measured
Oil Gravity (° API) or Gas BTU Content	1168 BTU	1187 BTU	1187 BTU
7. Producing or Shut-In	Shut-in	Shut-in	Shut-in
Production Marginal? (yes or no)	Yes	Yes	Yes
* If Shut-In, give date and oil/gas/water rates of last production	Date: Nov 98 – April 99 Avg	Date: Nov 98 – April 99 Avg	Date: Nov 98 – April 99 Avg
Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data	Rates: Oil Gas Water 0 59 1.5	Oil Gas Water Rates: MV .21 45 .6 Gall .42 60 .8	Rates: Oil Gas Water 2.07 144 .2
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: Rates:	Date: Rates:	Date: Rates:
8. Fixed Percentage Allocation Formula - % for each zone	Oil Gas 19 %	MV 7 Gas 14 Gal 16 % 20 %	Oil Gas 47 %
If allocation formula is based u with supporting data and/or exp	pon something other than current or pablaining method and providing rte proje	ast production, or is based upon some of ections or other required data.	ther method, submit attachments
10. Are all working, overriding, an	d royalty interests identical in all comm	mingled zones? X Ye	s No
If not, have all working, overri	ding, and royalty interests been notified	d by certified mail? X Ye	esNo
Have all offset operators been g	given written notice of the proposed do	ownhole commingling? X Ye	sNo
		ds compatible, will the formations not b X Yes R No (If No, attach ex	
12. Are all produced fluids from al	l commingled zones compatible with e	each other? X Yes N	lo
13. Will the value of production be	decreased by commingling?	Yes X No (If Yes, attack	h explanation)
14. If this well is on, or communiti Management has been notified		the Commissioner or Public Lands or th X Yes No	he United States Bureau of Land
15. NMOCD Reference Cases of R	Rule 303© Exceptions: ORE	DER NO(S). <u>DHC-1920, R-10963, F</u>	R-10239
16. ATTACHMENTS: • C-102 for each	h zone to be commingled sowing its sp	pacing 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 all offset operators.
- Notification list of working, overriding, and royalty interests for uncommon interest cases.

I hereby certify that the information above is true and complete to the best of by knowledge and belief.

Any additional statements, data, or documents required to support commingling.

SIGNATURE Robert 19	Lergue TITLE	SUPERINTENDENT	DATE June 28, 1999
TYPE OR PRINT NAME	ROBERT L. VERQUER	-	TELEPHONE NO. (505) 632-1544

, , ;												
District I PO Box 1980, Ho District II	bbs, NM 882	241-1980	5	PI M			N Mexico I Resources Departmen		. C		For d October nstruction	
811 South First, A District III 1000 Rio Brazos I District IV			99 JUI		Sama r	VAT outh Fe. N	ΓΙΟΝ DIVISIO Pacheco M 87505	RECEIVE BLM	Submit to	Approp Sta	riate Distr te Lease - ee Lease -	ict Offic 4 Copie
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⁴ Property	Code				⁵ Pro	operty	Name	DEANCOL	TCT ORE		Well Numb	er
7 OGRID						REE					377	
00382	24				-		Company				6917 GR	
					10 Sur	face	Location					
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Certificate Number

1165'

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2040 South Pache	co, Santa Fe	•	WELL I.	.OCA	TION AND	ACR	טוט EAGE DEDI				AM	ENDED REPORT
	API Numb	er		² Poo	I Code				Pool I	Name		
Property 2454	, 			BREECH						Well Number		
70GRID 00382			Operator Name Caulkins Oil Company							'Elevation 6917 GR		
					10 Sur	face I	ocation					
UL or lot no. M	Section 23	Township 26N	Range 7W	Lot Idr	Feet from th		North/South line South	Fee	t from the 1025'	East/West I		County Rio Arriba
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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

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised October 18, 1994

Instructions on back

OIL CONSERVATION DIVISION

2040 South Pacheco Santa Fe. NM 87505 Substitute Office

Substitute Ahropopriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

AMENDED REPORT

			WELL L	OCATIO	N AND ACI	REAGE DEDI	CATION PL	<u>AT</u>			
1	API Numb	r		² Pool Cod	c		3 Pool	Name			
30	-039-256	90		93235		I	CE CANYON	GALLUP (G))		
⁴ Property	Code				⁵ Property	Name			Well Number		
2454			BREECH 377								
'OGRID	No.		Operator Name 'Rievation								
00382	4		Caulkins Oil Company 6917 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		
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	5		¹¹ E	ottom H	ole Location	If Different Fro	om Surface				
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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

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16			v Press	17 OPERATOR CERTIFICATION
			; 	I hereby certify that the information contained herein is true
				and complete to the best of my knowledge and belief
		1111 1111 1	4 1999	101 +1 41
•				Robert I Verguer
			n. dov.	Signature
٠		DIST		Printed Name Robert L. Verquer
				Title Superintendent
				Date June 25, 1998
				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
	·			3.00.00
1025'				Signature and Seal of Professional Surveyor:
1923 💗				
1165'				
1105				
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		<u> </u>		Certificate Number

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NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true
and complete to the best of my knowledge and belief

JUL 1 4 1999

Research
Signature

Signature

Superintendent

Date

June 25, 1998

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

Signature and Scal of Professional Surveyor:

Certificate Number

LAST 6-MONTHS PRODUCTION FOR BREECH 377

DAKOTA

MONTH	GAS	OIL	DAYS	GAS DPA	OIL DPA
11/98	536	10	2	268	5.000
12/98	4,318	83	22	196	3.773
01/99	3,992	62	31	129	2.000
02/99	3,621	50	28	129	1.786
03/99	4,152	56	30	138	1.867
04/99	4,021	36	30	134	1.200
	20,640	297		144	2.077

MESA VERDE

MONTH	GAS	OIL	DAYS	GAS DPA	OIL DPA
11/98	166	3	2	83	1.500
12/98	1,340	8	22	61	0.364
01/99	1,239	5	31	40	0.161
02/99	1,124	5	28	40	0.179
03/99	1,289	5	30	43	0.167
04/99	1,248	3	30	42	0.100
	6,406	29		45	0.203

GALLUP

MONTH	GAS	OIL	DAYS	GAS DPA	OIL DPA
11/98	222	0	2	111	0.000
12/98	1,787	17	22	81	0.773
01/99	1,652	13	31	53	0.419
02/99	1,498	10	28	54	0.357
03/99	1,718	12	30	57	0.400
04/99	1,664	8	30	55	0.267
	8,541	60		60	0.420

PICTURED CLIFFS

MONTH	GAS	OIL	DAYS	GAS DPA	OIL DPA
11/98	1,510		4	378	
12/98	5,042	-	31	163	
01/99	1,292		31	42	
02/99	428	-	28	15	
03/99	235		31	8	
04/99	152		22	7	
	8,659			59	

CAULKINS OIL COMPANY

P. O. BOX 340 BLOOMFIELD, NEW MEXICO 87413 PHONE: 505-632-1544 FAX 505-632-1471

June 28, 1999

The following list is all the offset operators to Caulkins Oil Company well Breech 377, section 23, township 26N, range 7W

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

Central Resources, Inc. 1776 Lincoln St. Suite 1010 Denver, CO 80202

Chateau Oil & Gas 5802 U.S. Hwy 64 Farmington, NM 87402

Conoco, Inc. 3315 Bloomfield Highway Farmington, NM 87401

Dugan Production Corp. 709 E. Murray Drive Box 420 Farmington, NM 87401

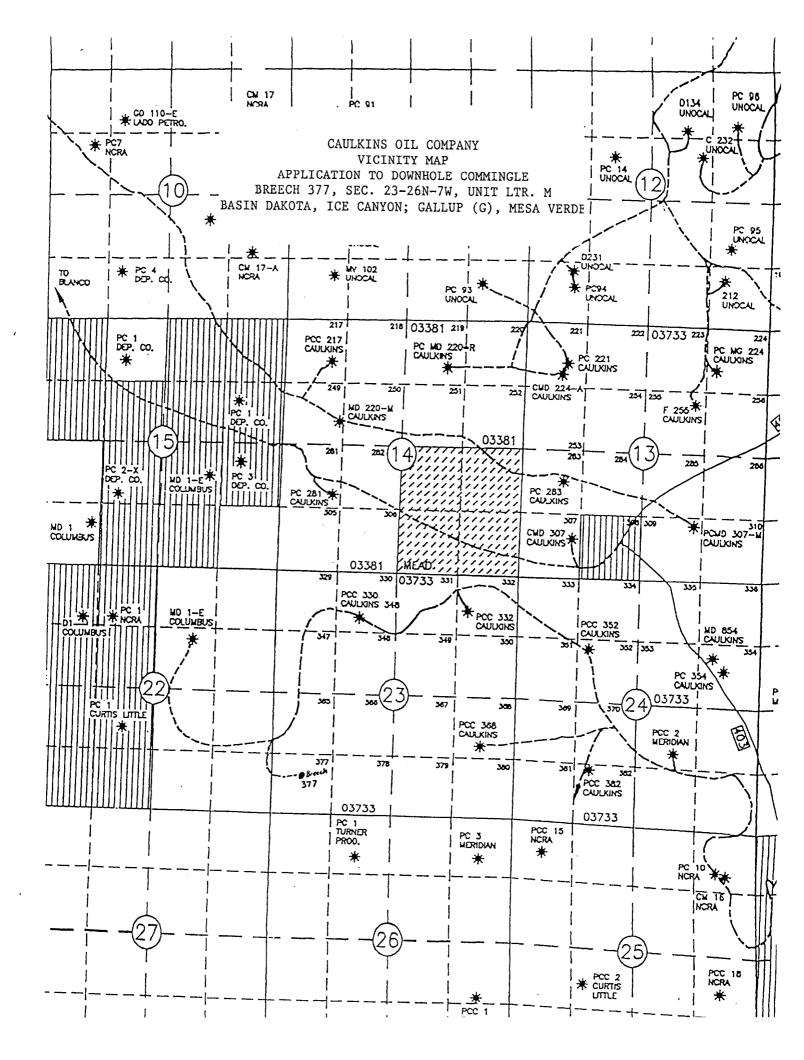
Little Oil & Gas, Inc. P.O. Box 1258 Farmington, NM 87499 Louis Dreyfus Natural Gas Company 1400 Quail Springs Corporate Park Suite 600 Oklahoma City, OK 73134

Taurus Exploraation USA, Inc. 2198 Bloomfield Highway Farmington, NM 87402

Turner Production Company C/O Little Oil & Gas, Inc. P.O. Box 1258 Farmington, NM 87499

Universal Resource Corp. 1331 17th St. Suite 300 Denver, CO 80202

Unocal 1004 Big Spring Midland, TX 79702



5. Lease UNITED STATES NMNM-03733 DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT IVED 6. If Indian, Allottee or Tribe Name SUNDRY NOTICES AND REPORTS ON WELLS . Unit Agreement Name (Do not use this form for proposals to drill or to deepen of plus pastito a diff reservoir. Use "APPLICATION FOR PERMIT--" for such proposals) 1. Oil Well [] Gas Well [] Other [] 8. Well Name and No **GAS WELL** BREECH 377 2. Name of Operator: Caulkins Oil Company 30-039-25(90-00C1 3. Address of Operator: 10. Field and Pool, Exploratory Arch (505) 632-1544 OIL CON. DIWKOTA, ICE CANYON; GALLUP, MESA P.O. Box 340, Bloomfield, NM 87413 ERDE, PICTURED CLIFFS, CHACRA dist. 3 4. Location of Well (Footage, Sec., Twp., Rge.) 11. Country or Parish. State 1165' F/S 1025' F/W SEC. 23-26N-7W Rio Arriba Co., New Mexico 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent 1 Abandonment Change of Plans []Recompletion [] New Construction [X] Subsequent Report [] Plugging Back Non-Routine Fracturing [] Casing Repair [] Water Shut-Off [] Final Abandonment Notice [] Altering Casing [] Conversion to Injection [X] Other <u>P&A Chacra/Commingle</u> [] Dispose Water 17. Describe Proposed or Completed Operations 5-14-99 Rigged up. T.O.H. with 1 1/4" Pictured Cliffs – Chacra production tubing. Released packer and T.O.H. with 2 1/16" Dakota – Gallup – Mesa Verde production tubing. No holes found visually in either string, but both tubing strings were corroded from top of packer at 3955' to approximately 3000' indicating tubing submerged in water. T.I.H. with 2 3/8" work string, retrievable bridge plug and packer searching for hole in casing. 5-17-99 Casing pressure tested to 2000# above Pictured Cliffs to surface and above Chacra to base of Pictured Cliffs held OK. Set retrievable bridge plug below Chacra perforations at 3922' and packer above Chacra perforations at 3832'. Swabbed well to test Chacra perforations. Following 18 swab runs, fluid level staying at 2200' with no indication of gas. Swabbing test indicated Chacra zone was giving up too much water to produce and applied by plugged and abandoned. abandoned. Approval to P&A zone was obtained verbally from both federal and state agencies 12 1999 (continued on page 2) 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: TITLE: Superintendent DAGGERUTED SFORD ROBERT L. VEROUER APPROVED BY: TITLE: DATE: CONDITIONS OF APPROVAL, IF ANY FARMINGTON FIELD OFFICE

Caulkins Oil Company BLM Sundry Notice Breech 377 June 25, 1999 Page 2

5-18-99 Pulled 2 stands, reset packer at 3706'.

Cemented Chacra perforations 3865' - 3885' through 2 3/8" tubing with 100 sacks (116 cu. ft.) class "H" plus 2% CaCl displaced with 15.5 bbls H_2O .

Attempted to squeeze perforations for 2 hours with no success.

Cleared tubing, pulled 1 stand, reset packer at 3642'.

Cemented perforations with 50 sacks (58 cu. ft.) class "H" plus 2% CaCl displaced with 15 bbls H₂O.

Squeezed perforations, shut-in tubing with 600 psi.

Shut-in 16 hours, waiting on cement.

5-19-99 Released pressure from tubing.

Released packer and T.O.H. T.I.H. with tubing and 4 3/4" bit.

Tagged cement at 3751'.

Drilled out 237' of cement to 3988'.

NOTE: Drilling hard cement at 3988', retrievable bridge plug was set at 3922'. During above cementing job retrievable bridge plug slid down hole to undetermined point.

Well producing a lot of water.

5-20-99 T.O.H. with tubing and bit.

T.I.H. with retrievable bridge plug and packer testing casing to isolate water source.

5-21-99 Tests indicated that Chacra perforations were still leaking.

Set packer at 3166' below Pictured Cliffs perforations, 2986' to 3060'.

Established injection rate, 1 bbl per minute at 600#.

Cemented hole with 50 sacks (58 cu. ft.) class "H" plus 2% CaCl.

During displacement formation squeezed to 3500# with 6.5 bbls of cement inside of tubing.

Released packer and T.O.H.

5-24-99 T.I.H. with tubing and 4 3/4" bit.

Tagged cement at 2849' above Pictured Cliffs perforations, 2986' to 3060'.

Drilling cement from 2849' to 3220', fell through.

5-25-99 Continued in hole with tubing and bit. Tagged cement at 3988'.

Drilled through cement at 4243'.

Continued in hole, tagged cement at 4539'.

Drilled down and found top of retrievable bridge plug at 4659'.

Mesa Verde perforations, 4647' to 5534'.

T.O.H. with bit.

Caulkins Oil Company BLM Sundry Notice Breech 377 June 25, 1999 Page 3

5-26-99 Multiple runs with washover shoes and fishing tools.

thru Latched onto plug at 4687'.

5-28-99 T.O.H. with retrievable bridge plug.

6-1-99 Approval to commingle Pictured Cliffs with Dakota – Gallup – Mesa Verde was obtained verbally from both BLM and Aztec Oil conservation Division, following required stabilized shut-in and potential test on Pictured Cliffs formation.

T.I.H. with retrievable bridge plug and packer. Tested cemented Chacra perforations with 2000# - held OK.

Set retrievable bridge plug 3424' and packer at 2921'.

Acidized and balled off Pictured Cliffs perforations with 500 gallons 15% acid.

Knocked balls out of perforations.

Pumped 500 gallons 15% acid with 64,000 MSCF/N₂.

Average treating pressure 1300#. I. S.D.P. 1050#. Flowed back N₂ and acid.

Shut well in for 3 days. Shut-in pressure 530#.

3 hour calculated potential test 439 MCF/D. T.O.H. with packer and retrievable bridge plug.

6-9-99 Drilled out cement over Mesa Verde perforations from 4687' to 5398'.

thru Continued in hole with tubing. Cleaned out to 7535' below Dakota perforations.

6-15-99 T.O.H. with bit.

6-16-99 T.I.H. with retrievable bridge plug and packer.

Set retrievable bridge plug at 5720'. Set packer at 4433'.

Acidized and balled off Mesa Verde perforations with 1000 gallons 15% acid and 85,000 MSCF/N₂.

Flowed back N2 and acid.

6-17-99 T.O.H. with retrievable bridge plug and packer.

T.I.H. with 2 3/8" production tubing to 7514'.

Flowed well over night with air package.

6-18-99 Landed 2 3/8" production tubing at 7451'.

Swabbed well in. Now flowing to clean up.

Commingling application attached.

CAULKINS OIL COMPANY

P. O. BOX 340 BLOOMFIELD, NEW MEXICO 87413 PHONE: 505-632-1544 FAX 505-632-1471 RECEIVED
BLM

99 JUN 30 PH 12: 47

070 FATALL MOTON, NM

June 28, 1999

State of New Mexico Oil Conservation Division ATTN: Lori Wrotenberry 2040 South Pacheco Santa Fe, NM 87504

Re: Administrative Approval to Downhole Commingle

Breech 377

1165' F/S 1025' F/W Sec. 23-T26N-R-7W

Rio Arriba County, New Mexico

Dear Ms Wrotenberry:

Caulkins Oil Company requests to downhole commingle the South Blanco Pictured Cliffs, Blanco Mesa Verde, Ice Canyon Gallup and Basin Dakota pools in this well.

This well previously was approved to be produced as a dual completed commingled Pictured Cliffs – Otero Chacra (R-5648) above a packer and commingled Mesa Verde – Gallup – Dakota (DHC-2031) below a packer completion.

During recent workover activities, the Chacra zone was plugged and abandoned due to high volume of water being produced.

Jim Lavato with Farmington BLM and Frank Chavez with Aztec Oil Conservation Division were contacted and verbal approval was obtained to commingle well in above manner provided Pictured Cliffs' shut-in pressure was higher than 50% of Dakota – Gallup – Mesa Verde shut-in pressure and form C-107-A be submitted immediately following workover.

Shut-in and flow tests were conducted with workover rig on location. Tests indicated that well did meet pressure requirements and was commingled accordingly.

Please find enclosed:

- A. Form C-107-A
- B. Form C-102 for each zone
- C. Subsequent BLM sundry notice of workover
- D. Six months production data
- E. Notification list of offset operators

Robert I Verguer

F. Vicinity Map

If you have any questions, please contact me at 505-632-1544. Thank you.

Sincerely,

Robert L. Verquer Superintendent

P.O. Box 1980, hobbs, NM 88240

Energy, Minerals and Natural Resources Department CEIVED OIL CONSERVATION DIVISION BLM

New 3-12-96

DISTRICT II

811 South First St., Artesia, NM 88210

APPROVAL PROCESS:

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

2040 South Pacheco
Santa Fe, New Mexico 87505-6429
APPLICATION FOR DOWNHOLE COMMINGLING

2040 South Pacheco
Santa Fe, New Mexico 87505-6429
COMMINGLING

PM 12: 41

Administrative _____ Hearing
EXISTING WELLBORE
NO PO BOX 34TO REDOMETELD NM 87413

BREECH 377 M - SEC. 23-26N-7W RIO ARRIBA COCKITY OGRID NO. 003824 Property Code 2454 API NO. 30-039-25690 Federal X . State	CAULKINS OIL COMPANY	<i>(</i>	P.O. BOX 3410 BEOOMFIELD, NM 87413				
OGRID NO. 003124 Property Code 2454 API NO. 20-039-25690 Federal X. State	BREECH						
The following fields are submitted in support of downlote comminging: 1. Proof Name and Pool Code 2. Proposed Boston of Pay Section (Performations) 2. Top and Boston of Pay Section (Performations) (Performations) 3. Type of production (Old of Gas) 3. Type of production (Pleosing or Artificial Litt) 5. Throughout Pressure Consert Artificial Litt 5. Statement Current Statistated or Neasured Original Oil Gravity C APT or Gas BTU Oil Gravity C APT or Gas BTU Oil Gravity C APT or Gas BTU 1. Throughout Pressure Consert of Say On Production (Pleosing are Shak-In Production Marginal' (yes or no) The Statement Current Statistated or Neasured Original Oil Gravity C APT or Gas BTU 1. Through Production (Production Marginal' (yes or no) Through C APT or Gas BTU 1. Through Production (Production Marginal' (yes or no) Date: D	EDAGE	WELCHO.	CATETA, - SEC TWF ROE.				
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1. Peol Name and Pool Code 2. Top and Bottom of Pay Section (Performations) 3. Type of production (Old of Cas) 3. Type of production (Old of Cas) 4. Michael of Production (Production (Pr				1			
3. Type of production (Goll or Gas) 4. Method of Production (Flowing or Antificial Lift) 5. Bellombole Fresure Cones - Artificial Lift 1. Subtombole Fresure Cones - Artificial Lift 2. Subtombole Fresure Cones - Artificial Lift 3. Current) 1. Current) 1. Subtombole Fresure Cones - Artificial Lift 5. Subtombole Fresure Cones - Artificial Lift 6.	1. Pool Name and Pool Code	la contraction of the contractio					
4. Method of Production (Flowing Artificial Lift) 5. Bottombole Pressure Case A Oil - Production Gas Would be producted to the state of fast production Content All Gas Zoured All Gas Zoured All Gas Zoured Bassured Original Bottomated or Neusured Original Bottomated Original Bot		2986' to 3060'	1	7328' to 7499'			
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Commingled Commingled Commingled Commingled Sak #		L COM LINCO	אחמי	Flowing			
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Content 7. Producing or Shut-In Production Margina? (yes or no) Yes 1. If Shut-In, give date and only and with the production of the p	Measured Current All Gas Zones:	b.		b. 2452 Measured			
** If Shut-In, give date and oil gas/water rates of last production hunt. The row more when production and providing and royalty interests identical in all commingled zones? If allocation formula is based upon something other than current or past production, or is based upon some other with supporting data and/or explaining method and providing re projections or other required data. Are all working, overriding, and royalty interests been notified by certified mail? X yes No No No No No No No N		1168 BTU	1187 BTU	1187 BTU			
* If Shut-in, give date and oil gas/water rates of last production bate: Nov 98 - April 99 Avg oil Gas Water Rates: Oil Gas Water Rates	7. Producing or Shut-In	Shut-in	Shut-in	Shut-in			
oil/gas/water rates of last production Note: Farewase-with eproduction-luttery-applicant statistic required land depressions and expensions a	Production Marginal? (yes or no)	Yes	Yes	Yes			
Rates: 01 Gas Water water producing producing ballet producing significant water water producing, give date and oiligas/water rates of recent test (within 60 days) 8. Fixed Percentage Allocation Formula - % for each zone 9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attit thments with supporting data and/or explaining method and providing ret projections or other required data. 10. Are all working, overriding, and royalty interests identical in all commingled zones? X		Date: Nov 98 – April 99 Avg		Date: Nov 98 – April 99 Avg			
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If not, have all working, overriding, and royalty interests been notified by certified mail?				ther method, submit atta-hments			
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ROBERT L. VERQUER

TITLE SUPERINTENDENT DATE June 28, 1999

TELEPHONE NO. (505) 632-1-544

SIGNATURE Robert I Hurge

TYPE OR PRINT NAME

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District I						WE	CState of Ne	w Mevico		. •			F.	orm C-102
PO Box 1980, Ho	bbs, NM 882	41-1980		R	ECE	Energy	, Minerals & Natur	W Mexico al Resources Depart	ment			Revise	d Octobe	r 18 1994
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UL or lot no.	Section	Township		Range	Lot I		Feet from the	North/South line	F	eet from the	East/West		County	77.
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1025'	↑													
					1									
1165'											Certific	cate Num	ber	

District	T

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

320

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico RECEIVED
Energy, Minerals & Natural Resources Department

Form C-102 Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

OIL CONSERVATION DIVISION PM 12: 47
Submit 2040 South Pacheco Santa Fe. NM 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

	¹ API Numb	er		² Pool Code		³ Pool Name					
30	0-039-25	690		71599			BASIN D	AKOTA			
⁴ Property	Code		⁵ Property Name								
245	4				BRE	ECH			377		
'OGRII	No.				* Operati	or Name			' Elevation		
0038	24				Caulkins Of	ns Oil Company 6917 GR					
					10 Surface	e Location					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
M	23	26N	7W		1165'	South	1025'	West	Rio Arriba		
			¹¹ I	Bottom H	ole Location	If Different Fro	om 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>							
Dedicated Acr	es 13 Joint	or Infill 14 (Consolidatio	n Code 15 C	rder 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

		DINGS CIVITIZATE DEL	750 1040-2011 (1040-2011 (104		
16					17 OPERATOR CERTIFICATION
					I hereby certify that the information contained herein is true
				۳,	and complete to the best of my knowledge and belief
		ा जा हिल्ल	II N E V		P1. +791
					Robert I Verguer
		∐\\ JUL 1	4 1999		Signature
	·				Printed Name Robert L Verquer
		@[] <u>[</u> ((0)	M. DIV.		
		DIS	T. 3		Title Superintendent
					Date June 25, 1998
					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 balief. Date of Survey
1025'					Signature and Seal of Professional Surveyor:
1165'				ļ	
					Certificate Number
					1.00.10.10.00.00.00.00.00.00.00.00.00.00

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District I PO Box 1980, Hobb District II					nergy, Minerals & I	New Mexico Natural Resources Depa	O *- '		T4	Form C-102 october 18, 1994 octions on back
811 South First, Art District III	tesia, NM 8	8210		OII	L CONSERT	VATION DIVI	ISINN 30 PI	A Subthit to	Appropriate State I	e District Office
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District IV 2040 South Pacheco	o, Santa Fe,	NM 87505				(070 Francisco		7 AMEN	IDED REPORT
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4 Property C	039-256	90			235	operty Name	ICE CANYO	IN;GALLUI		ell Number
2454		Į				REECH				377
OGRID N					•	erator Name				Elevation
003824	1					Oil Company	 		69	017 GR
						face Location		1	12	
UL or lot no.	Section 23	Township 26N	Range 7W	Lot Idn	Feet from th		1	į.	est C	County Rio Arriba
) ottom		ion If Different				
UL or lot no.	Section	Township	Range	Lot Idn			·	East/West	line C	County
12 Dedicated Acres	13 Joint o	7.50 114	Consolidation		15 Order No.					
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NO ALLOW	ABLE W					TION UNTIL ALL BEEN APPROVE			:ONSOLID	ATED OR A
16			-				177	PERATOR	CERTIF	ICATION
	İ						I hereby o	ertify that the info	rmation contai	ined herein is true
							and comp	olete to the best of	my knowledge i	and belief
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Certificate Number

1165'

District I PO Box 1980, He District II 811 South First, District III 1000 Rio Brazos District IV 2040 South Pach	Artesia, NM &	88210 NM 87410 c, NM 87505	WELL I	OIL	CONSERVA 2040 South Santa Fe. N	TION DIVISION PACHECO DE COME	NN 30 PM 70 FARMANGI	1011, NN 1001,	In appropr Stat Fe	Form C-10 d October 18, 199 astructions on bace inte District Office te Lease - 4 Copie te Lease - 3 Copie ENDED REPOR
1	¹ API Numbe	per		² Pool Co	ode	(3 Pool I	Name		
	0-039-256	190		72319			BLANCO ME	ESA VERI		f
Property 245	•				Property BREE					Well Number
70GRII					BREE Operator					? Elevation
0038					Caulkins Oil					6917 GR
.						Location				· · · · ·
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West li	ne	County
M	23	26N	7W	<u> </u>	1165'	South	1025'	We	st	Rio Arriba
			¹¹ B	Sottom F	Iole Location	If Different Fro	m Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West li	ne	County
NO ALLO	WABLE V					V UNTIL ALL INT EN APPROVED B	Y THE DIVISION	ON		LIDATED OR A
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Certificate Number

1165

LAST 6-MONTHS PRODUCTION FOR BREECH 377

DAKOTA

MONTH	GAS	OIL	DAYS	GAS DPA	OIL DPA
11/98	536	10	2	268	5.000
12/98	4,318	83	22	196	3.773
01/99	3,992	62	31	129	2.000
02/99	3,621	50	28	129	1.786
03/99	4,152	56	30	138	1.867
04/99	4,021	36	30	134	1.200
	20,640	297		144	2.077

MESA VERDE

MONTH	GAS	OIL	DAYS	GAS DPA	OIL DPA
11/98	166	3	2	83	1.500
12/98	1,340	8	22	61	0.364
01/99	1,239	5	31	40	0.161
02/99	1,124	5	28	40	0.179
03/99	1,289	5	30	43	0.167
04/99	1,248	3	30	42	0.100
	6,406	29		45	0.203

GALLUP

MONTH	GAS	OIL	DAYS	GAS DPA	OIL DPA
11/98	222	0	2	111	0.000
12/98	1,787	17	22	81	0.773
01/99	1,652	13	31	53	0.419
02/99	1,498	10	28	54	0.357
03/99	1,718	12	30	57	0.400
04/99	1,664	8	30	55	0.267
	8,541	60		60	0.420

PICTURED CLIFFS

MONTH	GAS	OIL	DAYS	GAS DPA	OIL DPA
11/98	1,510		4	378	
12/98	5,042		31	163	
01/99	1,292		31	42	
02/99	428		28	15	
03/99	235		31	8	
04/99	152		22	7	
	8,659			59	

CAULKINS OIL COMPANY

P. O. BOX 340 BLOOMFIELD, NEW MEXICO 87413 PHONE: 505-632-1544 FAX 505-632-1471

June 28, 1999

The following list is all the offset operators to Caulkins Oil Company well Breech 377, section 23, township 26N, range 7W

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

Central Resources, Inc. 1776 Lincoln St. Suite 1010 Denver, CO 80202

Chateau Oil & Gas 5802 U.S. Hwy 64 Farmington, NM 87402

Conoco, Inc. 3315 Bloomfield Highway Farmington, NM 87401

Dugan Production Corp. 709 E. Murray Drive Box 420 Farmington, NM 87401

Little Oil & Gas, Inc. P.O. Box 1258 Farmington, NM 87499 Louis Dreyfus Natural Gas Company 1400 Quail Springs Corporate Park Suite 600 Oklahoma City, OK 73134

Taurus Exploraation USA, Inc. 2198 Bloomfield Highway Farmington, NM 87402

Turner Production Company C/O Little Oil & Gas, Inc. P.O. Box 1258 Farmington, NM 87499

Universal Resource Corp. 1331 17th St. Suite 300 Denver, CO 80202

Unocal 1004 Big Spring Midland, TX 79702

