

DATE IN 11/12/03	SUSPENSE 12/2/03	ENGINEER <i>DRC</i>	LOGGED IN <i>LR</i>	TYPE <i>DHC</i>	APP NO. PLR0331828378
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



3214

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[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
☒ 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 Does Not Apply

- [A] ☒ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application 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.

Tammy Wimsatt

Print or Type Name

Tammy Wimsatt
 Signature

Regulatory Specialist

Title

11/12/03

Date

twimsatt@br-inc.com
 e-mail Address

RECEIVED

NOV 12 2003

Oil Conservation Division

District I
1625 N. Franch Drive, Hobbs, NM 88240

District II
811 South First Street, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised May 15, 2000

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87505

APPLICATION TYPE
Single Well
Establish Pre-Approved Pools
EXISTING WELLBORE
Yes X No

APPLICATION FOR DOWNHOLE COMMINGLING

BURLINGTON RESOURCES OIL & GAS COMPANY		PO BOX 4289, FARMINGTON, NM 87499	
Operator		Address	
VASALY COM	1M	D-22-30N-11W	SAN JUAN
Lease	Well No.	Unit Letter-Section-Township-Range	County
OGRID No. 14538	Property Code 7622	API No. 30-045-31684	Lease Type: Federal State Fee X

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	OTERO CHACRA	BLANCO MESAVERDE	BASIN DAKOTA
Pool Code	82329	72319	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	WILL BE SUPPLIED UPON COMPLETION	WILL BE SUPPLIED UPON COMPLETION	WILL BE SUPPLIED UPON COMPLETION
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)	Original – 857 psi From Ross Federal 1R offset (see attachment)	Original – 884 psi From Ross Federal 1R offset (see attachment)	Original – 936 psi From Ross Federal 1R offset (see attachment)
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 1194 From Ross Federal 1R offset	BTU 1194 From Ross Federal 1R offset	BTU 1194 From Ross Federal 1R offset
Producing, Shut-In or New Zone	New Zone	New Zone	New Zone
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: Rates:	Date: Rates:	Date: Rates:
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 % WILL BE SUPPLIED UPON COMPLETION	Oil % Gas % WILL BE SUPPLIED UPON COMPLETION	Oil % Gas % WILL BE SUPPLIED UPON COMPLETION

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?	Yes _____ No <u>X</u> _____
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?	Yes <u>X</u> _____ No _____
Are all produced fluids from all commingled zones compatible with each other?	Yes <u>X</u> _____ 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 <u>X</u> _____ No _____
NMOCD Reference Case No. applicable to this well: _____	

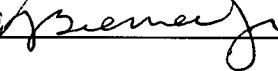
- Attachments:
- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
 - Production curve for each zone for at least one year. (If not available, attach explanation.)
 - For zones with no production history, estimated production rates and supporting data.
 - Data to support allocation method or formula.
 - Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
 - Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE 	TITLE Reservoir Engineer	DATE 11/12/03
tlw		
TYPE OR PRINT NAME Leonard Biemer	TELEPHONE NO. (505) 326-9700	

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-102

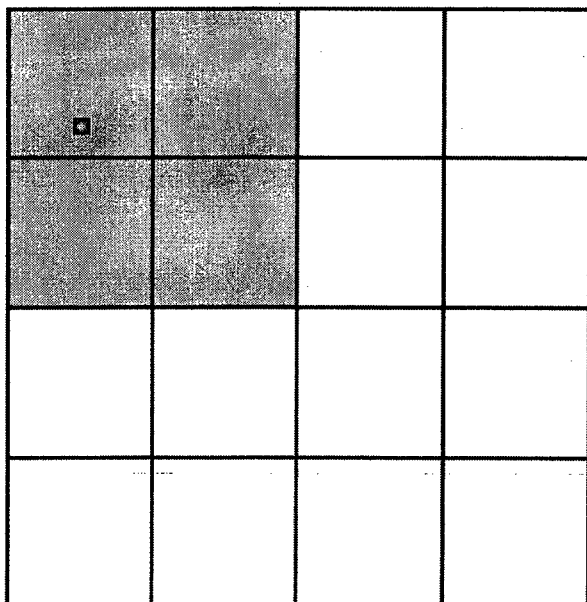
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-45-31684	Pool Name OTERO CHACRA (GAS)	Pool Code 82329
Property Code 7622	Property Name VASALY COM	Well No. 001M
OGRID No. 14538	Operator Name Burlington Resources Oil and Gas Company LP	Elevation 5776

Surface And Bottom Hole Location

UL or Lot D	Section 22	Township 30N	Range 11W	Lot Idn	Feet From 1060	N/S Line N	Feet From 660	E/W Line W	County San Juan
Dedicated Acres 160		Joint or Infill		Consolidation Code		Order No.			



OPERATOR CERTIFICATION

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

Electronically Signed By: Peggy Cole

Title: Manager

Date: 5/14/2003

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 belief.

Electronically Signed By: Jason C. Edwards

Date of Survey: 1/10/2002

Certificate Number: 15269

District I

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State of New Mexico
Energy, Minerals and Natural Resources

Form C-102

Oil Conservation Division

1220 S. St Francis Dr.

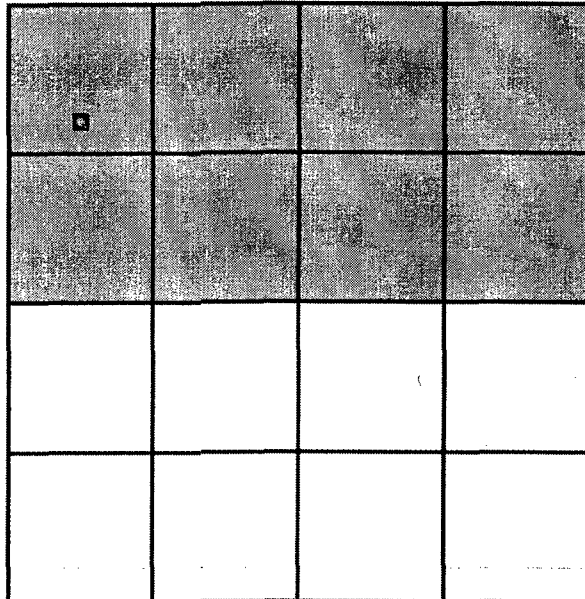
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-45-31684	Pool Name BLANCO-MESAVERDE (PRORATED GAS)	Pool Code 72319
Property Code 7622	Property Name VASALY COM	Well No. 001M
OGRID No. 14538	Operator Name Burlington Resources Oil and Gas Company LP	Elevation 5776

Surface And Bottom Hole Location

UL or Lot D	Section 22	Township 30N	Range 11W	Lot Idn	Feet From 1060	N/S Line N	Feet From 660	E/W Line W	County San Juan
Dedicated Acres 320		Joint or Infill		Consolidation Code		Order No.			



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Title: Manager

Date: 5/14/2003

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State of New Mexico

Form C-102

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

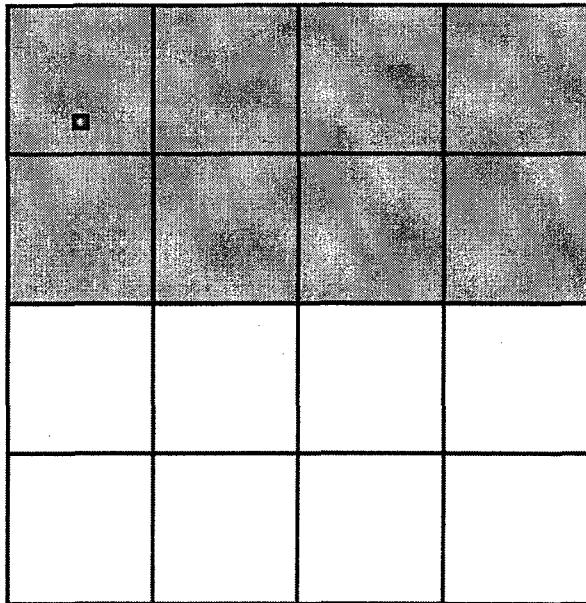
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-45-31684	Pool Name BASIN DAKOTA (PRORATED GAS)	Pool Code 71599
Property Code 7622	Property Name VASALY COM	Well No. 001M
OGRID No. 14538	Operator Name Burlington Resources Oil and Gas Company LP	Elevation 5776

Surface And Bottom Hole Location

UL or Lot D	Section 22	Township 30N	Range 11W	Lot Idn	Feet From 1060	N/S Line N	Feet From 660	E/W Line W	County San Juan
Dedicated Acres 320		Joint or Infill		Consolidation Code		Order No.			

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Certificate Number: 15269

Vasaly Com #1M (Ross Federal 1R offset)
Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method
Version 1.0 1/14/98

Chacra		Mesaverde	
<u>CH-Current</u>		<u>MV-Current</u>	
GAS GRAVITY	0	GAS GRAVITY	0
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0	%N2	0.00
%CO2	0	%CO2	0
%H2S	0	%H2S	0
DIAMETER (IN)	0	DIAMETER (IN)	0
DEPTH (FT)	0	DEPTH (FT)	0
SURFACE TEMPERATURE (DEG F)	0	SURFACE TEMPERATURE (DEG F)	0
BOTTOMHOLE TEMPERATURE (DEG F)	0	BOTTOMHOLE TEMPERATURE (DEG F)	0
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	0	SURFACE PRESSURE (PSIA)	0
BOTTOMHOLE PRESSURE (PSIA)	#DIV/0!	BOTTOMHOLE PRESSURE (PSIA)	#DIV/0!
<u>CH-Original</u>		<u>MV-Original</u>	
GAS GRAVITY	0.689	GAS GRAVITY	0.689
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.0053	%N2	0.01
%CO2	0.0082	%CO2	0.0082
%H2S	0	%H2S	0
DIAMETER (IN)	5.5	DIAMETER (IN)	5.5
DEPTH (FT)	3608	DEPTH (FT)	4751
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	92	BOTTOMHOLE TEMPERATURE (DEG F)	102
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	774	SURFACE PRESSURE (PSIA)	774
BOTTOMHOLE PRESSURE (PSIA)	857.3	BOTTOMHOLE PRESSURE (PSIA)	884.0

Vasaly Com #1M (Ross Federal 1R offset)
Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method
Version 1.0 1/14/98

Dakota			
<u>DK-Current</u>		<u>Current</u>	
GAS GRAVITY	0	GAS GRAVITY	0
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0	%N2	0.00
%CO2	0	%CO2	0
%H2S	0	%H2S	0
DIAMETER (IN)	0	DIAMETER (IN)	0
DEPTH (FT)	0	DEPTH (FT)	0
SURFACE TEMPERATURE (DEG F)	0	SURFACE TEMPERATURE (DEG F)	0
BOTTOMHOLE TEMPERATURE (DEG F)	0	BOTTOMHOLE TEMPERATURE (DEG F)	0
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	0	SURFACE PRESSURE (PSIA)	0
BOTTOMHOLE PRESSURE (PSIA)	#DIV/0!	BOTTOMHOLE PRESSURE (PSIA)	#DIV/0!
<u>DK-Original</u>		<u>Original</u>	
GAS GRAVITY	0.689	GAS GRAVITY	0
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.0053	%N2	0.00
%CO2	0.0082	%CO2	0
%H2S	0	%H2S	0
DIAMETER (IN)	2.375	DIAMETER (IN)	0
DEPTH (FT)	6962	DEPTH (FT)	0
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	0
BOTTOMHOLE TEMPERATURE (DEG F)	122	BOTTOMHOLE TEMPERATURE (DEG F)	0
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	774	SURFACE PRESSURE (PSIA)	0
BOTTOMHOLE PRESSURE (PSIA)	936.1	BOTTOMHOLE PRESSURE (PSIA)	#DIV/0!

CH

ROSS FEDERAL 1R 84256401 ({51D76A75-F382-4E0F-B4D5-D7FCFC790737}) Data: Dec.2002-Aug.2003

Cal Day Condensate - Bbl/d

Cal Day Gas1 - mcf/d

2003
Year

DK

ROSS FEDERAL 1R 84256403 (ROSS FEDERAL 1 R (LDK) 84256403) Data: Dec.2002-Aug.2003

Cal Day Condensate - Bbl/d

Cal Day Gas1 - mcf/d

100
10
1
0.1

1000
100
10
1

2003
Year



INTEREST OWNERS

Vasaly Com 1M Well

ALYSSA JANE WALKER

AZTEC ORCHARDS INVESTMENT CO

BARBARA MOSELEY

BP AMERICA PRODUCTION COMPANY

CARL JOHN & UNA VIVIAN ENGFER TRSTE

CARL KERR PERSONAL REPRESENTATIVE

CAROL ANN COHEN

CONOCOPHILLIPS COMPANY

DOROTHY SWANSON

EARL F ROBISON

ED G & MARGARET C ARMSTRONG

EDWARD H FORGOTSON

FORGOTSON FAMILY PTSHP R/E

GARY W HARVEY INDEP EXEC

J BURTON VETETO

JAMES M FORGOTSON III

JAMES M FORGOTSON JR

JIM L SHARP

JOANN C CISSEL

JULIE ANN ANTWEIL TRUST

KAREN SUE TINO SUCCESSOR TRUSTEE BYRON & CHARLENE ROYCE LIVING TRUST

MARQUITA MOSELEY MAYTAG

MORTIMER A KLINE JR SOLE TRUSTEE THE KLINE TRUST DTD 2/25/83

PEAK ENERGY RESOURCES INC

POLLY MOSELEY ROYCE

REESE L MILNER II TRUSTEE OF THE MILNER TRUST 11/2/73

Vasaly Com 1M Well

ROBERT E MCALISTER

ROBERT M WILLIAMS

SALLY WALKER ANDERSON

SINGER BROS

SOUTHWOOD FINANCIAL LLC

THOMAS E WILLIAMS JR

UNITED PIPE SUPPLY CO

WELLS FARGO BANK CO NA TRUSTEE SANDRA MOSELEY CHAPMAN TRUST