

RECEIVED: <u>Y 23/2011</u>	REVIEWER: <u>MAM</u>	TYPE: <u>DHC</u>	APP NO: <u>PMAM 19023 43041</u>
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & 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 REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: <u>Breitburn Operating LP</u>	OGRID Number: <u>370080</u>
Well Name: <u>Encore M State 022</u>	API: <u>30-025-44965</u>
Pool: <u>Blinebry, Tubb, Drinkard, Wantz, Abo</u>	Pool Code: <u>6660, 60240, 19190, 62700</u>

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

DHC-4431

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]
- A. Location - Spacing Unit - Simultaneous Dedication
 NSL NSP (PROJECT AREA) NSP (PRORATION UNIT) SD
- B. Check one only for [I] or [II]
- [I] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM
- [II] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

- 2) **NOTIFICATION REQUIRED TO:** Check those which apply.
- A. Offset operators or lease holders
 B. Royalty, overriding royalty owners, revenue owners
 C. Application requires published notice
 D. Notification and/or concurrent approval by SLO
 E. Notification and/or concurrent approval by BLM
 F. Surface owner
 G. For all of the above, proof of notification or publication is attached, and/or,
 H. No notice required NMOCD REFERENCE CASE # 4781-0

FOR OCD ONLY	
<input type="checkbox"/>	Notice Complete
<input type="checkbox"/>	Application Content Complete

3) **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.

Charlotte Nash

Print or Type Name

1-21-2019
Date

713-632-8730
Phone Number

charlotte.nash@breitburn.com

Signature

Digitally signed by charlotte.nash@breitburn.com
 DN: cn=charlotte.nash@breitburn.com
 Date: 2019.01.21 09:24:15 -0800

charlotte.nash@mavresources.com
e-mail Address

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

District II
811 S. First St., 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

Form C-107A
Revised August 1, 2011

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

APPLICATION FOR DOWNHOLE COMMINGLING

Breitbart Operating LP 1111 Bagby Street, Suite 1600 Houston, TX 77002

Operator Encore M State 022 P Sec 20, T 22S, R 37E Lea

Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 370080 Property Code API No. 30-025-44965 Lease Type: Federal X State Fee

Table with 4 columns: DATA ELEMENT, UPPER ZONE, INTERMEDIATE ZONE, LOWER ZONE. Rows include Pool Name, Pool Code, Top and Bottom of Pay Section, Method of Production, Bottomhole Pressure, Oil Gravity or Gas BTU, Producing, Shut-In or New Zone, Date and Oil/Gas/Water Rates of Last Production, and Fixed Allocation Percentage.

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes X No
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? 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 X
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 X No

NMOC Reference Case No. applicable to this well: we request a 25% alloc across the board as used in the analysis by Weatherford Laboratories and a new allocation will be submitted.

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 charlotte.nash@breitbart.com TITLE Regulatory Analyst DATE 1-23-2019

TYPE OR PRINT NAME Charlotte Nash TELEPHONE NO. (713) 632-8730

E-MAIL ADDRESS charlotte.nash@mavresources.com

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised August 1, 2011

District II
811 S. First St., Artesia, NM 88210

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

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

District III
1000 Rio Brazos Road, Aztec, NM 87410

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

APPLICATION FOR DOWNHOLE COMMINGLING

Breitburn Operating LP 1111 Bagby Street, Suite 1600 Houston, TX 77002

Operator Encore M State 022 P Sec 20, T 22S, R 37E Lea
Address

Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 370080 Property Code API No. 30-025-44965 Lease Type: Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name			Wantz;Abo
Pool Code			62700
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)			6750-6770
Method of Production (Flowing or Artificial Lift)			Artificial Lift
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)			2840 psi
Oil Gravity or Gas BTU (Degree API or Gas BTU)			38* API; 1342 BTU
Producing, Shut-In or New Zone			New
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: 3-23-2016 Rates: 20/134/48
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 %	Oil % Gas %	Oil % Gas % 25 % 25 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes No
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes No

Are all produced fluids from all commingled zones compatible with each other? Yes No

Will commingling decrease the value of production? Yes No

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

NMOC Reference Case No. applicable to this well: we request a 25% alloc across the board as used in the analysis by Weatherford Laboratories and a new allocation will be submitted.

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 Regulatory Analyst DATE 1-23-2019

TYPE OR PRINT NAME Charlotte Nash TELEPHONE NO. (713) 632-8730

E-MAIL ADDRESS charlotte.nash@mavresources.com

ENCLOSURE
 1 (24 W. Franklin Dr., Santa Fe, NM 87505)
 Phone (505) 994-6141 Fax (505) 994-6142
 ENCLOSURE
 1 (1115 S. 2nd St., Santa Fe, NM 87505)
 Phone (505) 994-1200 Fax (505) 994-1200
 ENCLOSURE
 1 (1000 E. University Ave., Santa Fe, NM 87505)
 Phone (505) 994-6141 Fax (505) 994-6142
 ENCLOSURE
 1 (1000 E. University Ave., Santa Fe, NM 87505)
 Phone (505) 994-6141 Fax (505) 994-6142

State of New Mexico
 Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-102
 Revised August 1, 2011
 Submit one copy to appropriate
 District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Well Number 6660	Well Name Blinbery Oil and Gas (oil)	Well Status
County Code 314022	Encore M State	Well Number 22
Well No. 370080	Brettburn Operating LP	Well Status 3350

Surface Location

Well or Lot No.	Section	Township	Range	1st 1/4	Feet from line	North/South Line	Feet from line	East/West Line	County
P	20	E2 S	97 E		880'	South	780'	East	Lea

Bottom Hole Location if Different From Surface

Well or Lot No.	Section	Township	Range	1st 1/4	Feet from line	North/South Line	Feet from line	East/West Line	County

No allowable will be assigned to this completion until all interests have been consolidated in a 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, and that this application either owns a working interest or mineral interest in the land underlying the proposed bottom hole location or has acquired a right and with limited exception to a contract with an owner of such a right or working interest, or to a working party agreement or a working party order, has been entered by the division.

Shelly Doescher 7/10/2018
Signature Date

shelly doescher
Printed Name

shelly.doescher@yahoo.com
E-mail Address

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.

5-4-2016
Date of Survey

Michael L. Starford
Signature and Seal of Surveyor

10324
Certificate Number

DIRECTOR
 1500 E. University Blvd., Santa Fe, NM 87502
 Phone (505) 833-6111 Fax (505) 833-6222
 COUNTY CLERK
 111 N. First Street, Santa Fe, NM 87501
 Phone (505) 748-1200 Fax (505) 748-8730
 COUNTY ENGINEER
 1500 E. University Blvd., Santa Fe, NM 87502
 Phone (505) 833-6111 Fax (505) 833-6170
 COUNTY COMMISSIONER
 1500 E. University Blvd., Santa Fe, NM 87502
 Phone (505) 833-6222 Fax (505) 833-6222

State of New Mexico
 Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-182
 Revised August 1, 2011
 Submit one copy to appropriate
 District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Well Number 60240	Well Name Tubb Oil and Gas (Oil)	Well Status
County Code 314022	County Name Encore M State	Well Number 22
Well No. 370080	Operator Name Bredburn Operating LP	Acres 3366'

10 Surface Location

Sec. or 1/4 Sec.	Section	Direction	Range	Lat. Lng.	Dist. from Sec.	East/South Dist.	Dist. from Sec.	East/West Dist.	County
P	20	E2 S	R7 E		860'	South	780'	East	Lea

11 Bottom Hole Location if Different From Surface

Sec. or 1/4 Sec.	Section	Direction	Range	Lat. Lng.	Dist. from Sec.	East/South Dist.	Dist. from Sec.	East/West Dist.	County

No allowables will be assigned to this completion until all interests have been consolidated in a non-standard unit has been approved by the division.

ENCORE M STATE #22
 Blk. 3366'
 NAD 83 N83 East
 N = 501156.2'
 E = 897722.0'
 Lat. = 35°22'20.57"
 Long. = 105°10'44.42"

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this information either occurs a meeting between or authorized release of interest in the land including the proposed lease, lease transfer or has original records and with accurate payment to a survey with an owner of such a record or existing interest, or to a meeting party agreement or a meeting party order hereafter entered by the district.

Shelly Doescher 7/10/2018

Signature Date

shelly doescher

Printed Name

shelly_doescher@yahoo.com

E-mail Address

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 belief.

5-4-2018

Date of Survey

Signature and Seal of Surveyor

Michael L. Stanford

10324

Printed Name

DISTRICT I
 1500 N. Franklin St., Santa Fe, NM 87503
 Phone (505) 834-6141 Fax (505) 834-6120

DISTRICT II
 111 N. First St., Santa Fe, NM 87501
 Phone (505) 743-1200 Fax (505) 743-8730

DISTRICT III
 1500 N. Franklin St., Santa Fe, NM 87503
 Phone (505) 834-6141 Fax (505) 834-6120

DISTRICT IV
 1500 N. Franklin St., Santa Fe, NM 87503
 Phone (505) 834-6141 Fax (505) 834-6120

State of New Mexico
 Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-182
 Revised August 1, 2011
 Submit one copy to appropriate
 District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Well State	³ Well Name
314022	19190	Drikard
⁴ County Code	⁵ County Name	⁶ Well Number
370080	Encore M State	22
⁷ Operator No.	⁸ Operator Name	⁹ Acres
370080	Bredburn Operating LP	3350'

¹⁰Surface Location

Sec. or Lot no.	Section	Township	Range	Lot No.	Dist. from Sec.	North/South Dist.	Dist. from Sec.	East/West Dist.	County
P	20	E2 S	T7 E		850'	South	780'	East	Lea

¹¹Bottom Hole Location if Different From Surface

Sec. or Lot no.	Section	Township	Range	Lot No.	Dist. from Sec.	North/South Dist.	Dist. from Sec.	East/West Dist.	County

¹²Submerged Areas ¹³Water or Well ¹⁴Production Code ¹⁵Other No.

No allowable will be assigned to this completion until all interests have been consolidated in a non-standard unit has been approved by the division.

Sec. 20

ENCORE M STATE #22
 Blk. 3368
 NAD 83 N21 East
 N = 501156.2'
 E = 697722.0'
 Lat. = 35°22'30.57"
 Long. = 105°10'44.42"

¹⁷OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this information either came from a reliable source or was obtained from a reliable source in the field, and that the proposed lease is based on the best available information and that I am not aware of any other person or entity having an interest in the property or any other person or entity having an interest in the property or any other person or entity having an interest in the property.

Shelly Doescher 7/10/2018
 Signature Date

shelly doescher
 Printed Name

shelly.doescher@yahoo.com
 E-mail Address

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 belief.

5-4-2018
 Date of Survey

Signature and Seal of Surveyor

10324
 Certificate Number

REGISTRATION
 1200 N. Francis Dr., Santa Fe, NM 87501
 Phone (505) 994-6141 Fax (505) 994-6222
REGISTRATION
 1200 N. Francis Dr., Santa Fe, NM 87501
 Phone (505) 994-6141 Fax (505) 994-6222
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State of New Mexico
 Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-182
 Revised August 1, 2011
 Submit one copy to appropriate
 District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Well Number	62700	Well Name	Wantz, Abo
Property Code	Encore M State	Property Name	
314022		Well Number	22
Property No.	Bretburn Operating LP	Well Number	3388
370080			

Surface Location

Sec. or Lot no.	Section	Township	Range	Lot No.	Feet from Ctn.	North/South	Feet from Ctn.	East/West	County
P	20	22 S	37 E		860'	South	780'	East	Lea

Bottom Hole Location if Different From Surface

Sec. or Lot no.	Section	Township	Range	Lot No.	Feet from Ctn.	North/South	Feet from Ctn.	East/West	County
Submerged Areas		Block or Well		Completions Code		Notes			

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.

Sec. 20

Encore M State Lease

Bretburn Operating LP

WANTZ, ABO

Elev. 5338'

MAD 63 NE3 East

N = 501156.2'

E = 697724.0'

Lat = 36°22'30.57"

Long = -105°10'44.42"

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this information was obtained from a reliable source or sources and that the information is true and correct to the best of my belief.

Shelly Doescher 7/10/2018
Signature Date

shelly Doescher
Printed Name

shelly_doescher@yahoo.com
E-mail Address

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.

5-4-2016
Date of Survey

Michael L. Stanford
Signature and Title of Surveyor

10324
Certificate Number



Breitburn Operating LP
(a wholly owned subsidiary of
Maverick Natural Resources, LLC)
1111 Bagby Street • Suite 1600
Houston • Texas • 77002
713-437-8000

October 31, 2018

SENT VIA EMAIL

Mr. Michael McMillan
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Request to add Encore M 22 and Encore M 23 to Commingle Order PLC-436-a: Application of Breitburn Operating LP for administrative approval to surface commingle oil and gas production from the Encore M 21 Fee Lease located in Section 21, T22S-R37E, Lea Co., NM and New Mexico State Lease B-934 in T22S-R37E, Lea Co., NM

Dear Mr. McMillan,

This letter is to clarify ownership in the Encore M 22 and Encore M 23 on New Mexico State Lease B-934 and include both wells in the application for the above surface commingle.

The ownership is consistent and identical in the Encore M 22 and Encore M 23 for all of the pools (zones) to be surface commingled: Blinebry Oil and Gas (Oil) (6660); Tubb Oil and Gas (Oil) (60240); Drinkard (19190); Wantz;Abo (62700).

Please contact me at 713-437-8063 or scott.hartman@mavresources.com if you have any questions or if you'd like any additional information. Thank you for your assistance in this matter.

Sincerely,

Scott Hartman, RPL
Senior Landman

McMillan, Michael, EMNRD

From: Charlotte Nash <Charlotte.Nash@mavresources.com>
Sent: Wednesday, January 23, 2019 11:59 AM
To: McMillan, Michael, EMNRD
Subject: [EXT] Encore M State 022
Attachments: Encore M State 22 C-107 1-21-19.pdf

Michael – could you please see the attached C-107 with the corrected API number of 30-025-44965. Also, Breitburn would like to use the same measurement methods as the Encore M State well #023.

Please let me know if you need anything else to process.

Thank you,
Charlotte Nash
Regulatory Analyst
Direct: 713.632.8730
Cell: 281.543.3606
charlotte.nash@mavresources.com
Breitburn Operating LP
A wholly owned subsidiary of

MAVERICK NATURAL RESOURCES, LLC
1111 Bagby St., Suite 1600, Houston, TX 77002
www.mavresources.com

Effective immediately, my email address has changed. Please update your address book accordingly.