

RECEIVED: <u>1/17/2019</u>	REVIEWER: <u>MAN</u>	TYPE: <u>DHC</u>	APP NO: <u>PMAM19017 50910</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 L:</u>	OGRID Number: <u>370080</u>
Well Name: <u>Encore M 21 Fee.002</u>	API: <u>30-025-44963 44443</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-4929

- 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

FOR OCD ONLY

Notice Complete

Application Content Complete

- 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

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

charlotte.nash@breitburn.com

Signature

Digitally signed by charlotte.nash@breitburn.com
 DN: cn=charlotte.nash@breitburn.com
 Date: 2019.01.16 06:53:32 -0600

1-15-2019

Date

713-632-8730

Phone Number

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 WELLS
Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

Breitbart Operating LP 1111 Bagby Street, Suite 1600 Houston, TX 77002
Operator Address
Encore M 21 Fee 002 K Sec 21; Twn: 22S; Range 37E Lea
Lease Well No. Unit Letter-Section-Township-Range County
OGRD No. 370080 Property Code API No. 30-025-44443 Lease Type: Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Blinebry Oil & Gas (oil)	Tubb Oil & Gas (oil)	Drinkard
Pool Code	6660	60240	19190
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5860-5800; 5510-5530	6145-6165	6580-6600
Method of Production (Flowing or Artificial Lift)	Artificial lift	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)	2340 psi	2590 psi	2780 psi
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38* API; 1342 BTU	38* API; 1342 BTU	38* API; 1342 BTU
Producing, Shut-In or New Zone	New	New	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: 11-11-2018 Rates: 148/257/342	Date: 3-20-2016 Rates: 17/101/27	Date: 11-7-2018 Rates: 155/266/326
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil 25% Gas 25%	Oil 25% Gas 25%	Oil 25% Gas 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
NMQCD Reference Case No. applicable to this well: 4781-0

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 1-15-2019
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

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Form C-107A
Revised August 1, 2011

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

APPLICATION FOR DOWNHOLE COMMINGLING

Operator _____ Address _____

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

OGRID No. _____ Property Code _____ API No. _____ 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)			6735-6755
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 25 % Gas 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 _____

NMOCD 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.

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- 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@breitburn.com Digitally signed by charlotte.nash@breitburn.com
DN: cn=charlotte.nash@breitburn.com
Date: 2019.01.14 08:32:14 -0500 TITLE Regulatory Analyst DATE 1-15-2019

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

E-MAIL ADDRESS charlotte.nash@mavresources.com



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

October 18, 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 21 Fee No. 002 to Commingle Order PLC-436-a: Application of Breitbart 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 21 Fee Lease and should be included in the application for the above surface commingle.

The ownership is consistent and identical in the Encore M 21 Fee Lease 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) and Devonian (WC-025 G04 S2237201).

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,

A handwritten signature in black ink, appearing to read "Scott Hartman", with a long, sweeping horizontal line extending to the right.

Scott Hartman, RPL
Senior Landman

District I
1625 N. French Dr., Hobbs NM 88240
District II
1301 W. Grand Avenue, 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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies
 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-44443		² Pool Code 6660		³ Pool Name Blinebry Oil & Gas (oil)	
⁴ Property Code		⁵ Property Name ENCORE M 21 FEE			⁶ Well Number 002
⁷ OGRID No. 370080		⁸ Operator Name Breitburn Operating LP			⁹ Elevation 3361'

¹⁰Surface Location

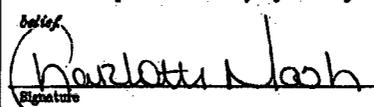
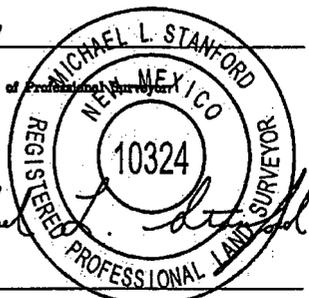
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	21	22 S	37 E		2130	South	1765	West	Lea

¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	21	22S	37 E		2130	South	1765	West	Lea

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

				¹⁶		¹⁷OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature	
Encore M 21 Fee 002 Elev. 3361' NAD 83 NM East N= 502457.1' E= 900235.8' NAD 83 Lat. = 32° 22' 33.47" Long. = -103° 10' 14.94"				LMPSU 72		LMPSU 71	
Encore M 21 Fee 001 1104' 1765'				LMPSU 102		LMPSU 101	
2130'				LMPSU 103		LMPSU 105	
				LMPSU 106		LMPSU 74	
				LMPSU 522		LMPSU 521	
						¹⁸SURVEYOR CERTIFICATION <i>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.</i> 11-16-2017 Date of Survey Signature and Seal of Professional Surveyor  10324 Certificate Number	

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-44443		² Pool Code 60240		³ Pool Name Tubb Oil & Gas (oil)	
⁴ Property Code		⁵ Property Name ENCORE M 21 FEE			⁶ Well Number 002
⁷ OGRD No. 370080		⁸ Operator Name Breitburn Operating LP			⁹ Elevation 3361'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	21	22 S	37 E		2130	South	1765	West	Lea

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UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	21	22S	37 E		2130	South	1765	West	Lea

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<p>Encore M 21 Fee 002 Elev. 3361' NAD 83 NM East N= 502457.1' E= 900235.8' NAD 83 Lat. = 32° 22' 33.47" Long. = -103° 10' 14.94"</p> <p>Encore M 21 Fee 001 1104' 1765'</p> <p>2130'</p> <p>282'</p>	<p>¹⁶</p>	<p>¹⁷OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p><i>Charlotte Nash</i> Signature</p> <p>Charlotte Nash Printed Name Regulatory Analyst charlotte.nash@mavresources.com Title and E-mail Address</p> <p>1-8-2018 Date</p>
		<p>¹⁸SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>11-16-2017 Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p><i>Michael L. Stanford</i> Signature</p> <p>10324 Certificate Number</p>

District I
1825 N. French Dr., Hobbs NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
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Form C-102
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-44443		² Pool Code 19190		³ Pool Name Drinkard	
⁴ Property Code ENCORE M 21 FEE		⁵ Property Name			⁶ Well Number 002
⁷ OGRID No. 370080		⁸ Operator Name Breitburn Operating LP			⁹ Elevation 3361'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	21	22 S	37 E		2130	South	1765	West	Lea

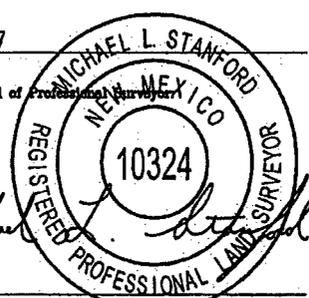
¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	21	22S	37 E		2130	South	1765	West	Lea

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<p>Encore M 21 Fee 002 Elev. 3361' NAD 83 NM East N= 502457.1' E= 900235.8' NAD 83 Lat. = 32° 22' 33.47" Long. = -103° 10' 14.94"</p> <p>Encore M 21 Fee 001 1104' 1765'</p> <p>2130'</p> <p>262'</p>	<p>LMPSU 72</p> <p>LMPSU 106</p>	<p>LMPSU 71</p> <p>LMPSU 74</p>	<p>¹⁷OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p><i>Charlotte Nash</i> Signature</p> <p>Charlotte Nash Printed Name Regulatory Analyst charlotte.nash@mavresources.com Title and E-mail Address</p> <p>1-8-2018 Date</p> <p>¹⁸SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>11-16-2017 Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>10324 Certificate Number</p>
	<p>LMPSU 102</p> <p>LMPSU 103</p> <p>LMPSU 105</p>	<p>LMPSU 101</p> <p>LMPSU 104</p>	
	<p>LMPSU 522</p> <p>LMPSU 521</p>		



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 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-44443		² Pool Code 62700		³ Pool Name Wantz: Abo	
⁴ Property Code		⁵ Property Name ENCORE M 21 FEE			⁶ Well Number 002
⁷ GRID No. 370080		⁸ Operator Name Breitburn Operating LP			⁹ Elevation 3361'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	21	22 S	37 E		2130	South	1765	West	Lea

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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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	<p>16</p>

McMillan, Michael, EMNRD

From: Charlotte Nash <Charlotte.Nash@mavresources.com>
Sent: Thursday, January 17, 2019 2:13 PM
To: McMillan, Michael, EMNRD
Subject: [EXT] Encore M 21 Fee 002

Breitburn would like to use the same measurement methods as the Encore M State well #023.

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.