

RECEIVED:	REVIEWER:	TYPE:	APP NO:
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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: _____ OGRID Number: _____
 Well Name: _____ API: _____
 Pool: _____ Pool Code: _____

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

- 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

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.

 Print or Type Name

 Signature

 Date

 Phone Number

 e-mail Address



Kaitlyn A. Luck
Phone (505) 954-7286
kaluck@hollandhart.com

April 23, 2021

VIA ONLINE FILING

Adrienne Sandoval
Director, Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Application of Matador Production Company to amend Surface Commingling Order PLC-444 to change the pools approved for surface commingling at the Colonel Howard 1/2 Tank Battery located in the SW/4 NW/4 (Unit E) of Section 23, Township 23 South, Range 27 East, NMPM, Eddy County, New Mexico.

Dear Director Sandoval:

Under Administrative Order PLC-444, attached as **Exhibit 1**, the Division approved Mack Energy Corporation’s request for pool and lease commingling at the **Colonel Howard 1/2 Tank Battery** of production from the following leases and pools:

- (a) The Promise Land Fee lease in the SW/4 NW/4 of Section 23, dedicated to the **Colonel R. Howard Com #2H well** (formerly the Promise Land Fee #1H well), with production in the Cass Draw; Bone Spring pool (Pool code 10380), and the WC-015 G-06 S232704H; Upper Wolfcamp pool (Pool code 98125); and
- (b) The Ice Fee lease in the NW/4 NW/4 of Section 23, dedicated to the **Colonel R. Howard Com #1H well** (formerly the Ice Fee #1H well), with production in the Cass Draw; Bone Spring pool (Pool code 10380).

Matador Production Company’s (OGRID No. 228937) (“Matador”) became operator of record for each well in these leases on May 2, 2017. Matador now seeks to amend the terms of Administrative Order PLC-444 to change the pool designations of wells producing from the subject leases, and allow the commingling of production from the wells in the following pools:

T 505.988.4421 F 505.983.6043
110 North Guadalupe, Suite 1, Santa Fe, NM 87501-1849
Mail to: P.O. Box 2208, Santa Fe, NM 87504-2208
www.hollandhart.com

Alaska	Montana	Utah
Colorado	Nevada	Washington, D.C.
Idaho	New Mexico	Wyoming



April 23, 2021
Page 2

- (a) The **Colonel R. Howard Com #1H well** (API No. 30-015-42703), which is now located in the Carlsbad; Morrow, South (Gas) Pool (Pool code 73960) (formerly the Cass Draw; Bone Spring (10380)); and
- (b) The **Colonel R. Howard Com #2H well** (API No. 30-015-42272), which is now located in the Purple Sage; Wolfcamp (Gas) Pools (Pool code 98220) (formerly the WC-015 G-06 S232704H; Upper Wolfcamp (98125)). This change conforms with Administrative Order DHC-4763-A, attached as **Exhibit 2**, which approves this same pool change related to the subject leases.

Upon approval, oil and gas production from each lease will be commingled and sold at the **Colonel Howard 1/2 Tank Battery** located in the SW/4 NW/4 (Unit E) of Section 23. Prior to commingling, gas production from each “lease” will be separately metered using individual test separators with calibrated orifice meters that are manufactured to AGA specifications. Oil production from each “lease” will also be separately metered using turbine meters.

Exhibit 3 is a land plat showing Matador’s current development plan, flow lines, and central tank battery (“production facility”) in the subject area. The plat identifies the wellbores, the existing spacing units, and the common surface facilities located in the SW/4 NW/4 (Unit E) of Section 23.

Exhibit 4 is a C-102 for each of the wells currently permitted or drilled within the existing leases/spacing units, together with existing production reports for both wells in these leases.

Exhibit 5 is a completed Application for Surface Commingling (Diverse Ownership) Form C-107-B, that includes a statement from Omar Enriquez, Senior Production Manager with Matador, identifying the facilities and the measurement devices to be utilized, a detailed schematic of the surface facilities (attachment A to the statement) and a referenced gas sample (attachment B to the statement).

Matador has provided notice of this application to the affected parties. **Exhibit 6** is a list of those interest owners (including any owners of royalty or overriding royalty interests) affected by this application, an example of the letters sent by certified mail advising the interest owners that any objections must be filed in writing with the Division within 20 days from the date the Division receives this application, and proof of mailing.

Thank you for your attention to this matter, and please feel free to call if you have any questions or require additional information.



April 23, 2021
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Sincerely,

A handwritten signature in cursive script, appearing to read "Kaitlyn Luck", written over a horizontal line.

Kaitlyn A. Luck

**ATTORNEY FOR MATADOR PRODUCTION COMPANY
COMPANY**

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary

Tony Delfin
Deputy Cabinet Secretary

David R. Catanach, Division Director
Oil Conservation Division



February 12, 2016

Surface Commingling Order PLC-444
Administrative Application Reference No. pMAM1602259510

MACK ENERGY CORPORATION
Attention: Mr. Jerry Sherrell

Pursuant to your application received on January 22, 2016, Mack Energy Corporation (OGRID 13873) is hereby authorized to surface commingle oil and gas production from the following pools located in Section 23, Township 23 South, Range 27 East, NMPM, Eddy County, New Mexico;

CASS DRAW; BONE SPRING (10380)
WC-015 G-06 S232704H; UPPER WOLFCAMP (98125)

and from the following diversely owned leases in said Section, Township, and Range in Eddy County, New Mexico.

Lease: Promise Land Fee lease
Description: SW/4 NW/4 of Section 23
Well: Promise Land Fee Well No. 1
Pool: Cass Draw; Bone Spring and WC-015 G-06 S232704H; Upper Wolfcamp

Lease: Ice Fee lease
Description: NW/4 NW/4 of Section 23
Well: Ice Fee Well No. 1
Pool: Cass Draw; Bone Spring

Commingled oil and gas production from the wells shall be measured and sold at the Promise Land Fee tank battery, located in Unit E of Section 23, Township 23 South, Range 27 East, NMPM, Eddy County, New Mexico.

The oil and gas production from each of the wells in the leases shall be measured with a combination of metering and well testing.

The allocation meters shall be calibrated quarterly in accordance with Rule 19.15.12.10.C(2) NMAC.

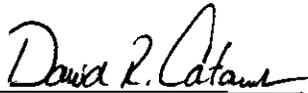
Administrative Order PLC-444
Mack Energy Corporation
February 12, 2016
Page 2 of 2

After initial notification, future wells that will produce from the pools and leases approved by this order may be added to this commingling authority by submittal of a Sundry Notice to the Engineering Bureau in Santa Fe.

This installation shall be installed and operated in accordance with the applicable Division Rules and Regulations.

The producer/Operator shall notify the transporter of this commingling authority and the Artesia District Office prior to implementation of commingling operations.

Done at Santa Fe, New Mexico, on February 12, 2016.



DAVID R. CATANACH
Director

DRC/mam

cc: Oil Conservation Division District Office – Artesia

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

Ken McQueen
Cabinet Secretary

Matthias Sayer
Deputy Cabinet Secretary

David R. Catanach, Division Director
Oil Conservation Division



Administrative Order DHC-4763-A
Order Date: March 30, 2017

RKI Exploration and Production, LLC
3500 One Williams Center
Tulsa, Oklahoma 74172-4172

Attention: Roxana Day

Promise Land Fee Well No. 1
API No. 30-015-42272
Unit E, Section 23, Township 23 South, Range 27 East NMPM
Eddy County, New Mexico

Pool CASS DRAW; BONE SPRING Oil (10380)
Names: PURPLE SAGE; WOLFCAMP (GAS) Gas (98220)

This amended administrative order changes the WC-015 G-06 S232704H; Upper Wolfcamp Pool (Pool code 98125) to the Purple Sage; Wolfcamp (Gas) (Pool code 98220).

All other provisions of the original administrative order shall remain intact.

Assignment of allowable and allocation of production from the well shall be as follows:

CASS DRAW; BONE SPRING (OIL) POOL	Pct. Oil: 96	Pct. Gas: 96
PURPLE SAGE; WOLFCAMP (GAS)	Pct. Oil: 4	Pct. Gas: 4

Pursuant to Division Rule 19.15.12.11B. NMAC, the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.

A handwritten signature in black ink that reads "David R. Catanach".

David R. Catanach
Director

DRC/mam
cc: New Mexico Oil Conservation Division – Artesia

EXHIBIT 2

Colonel R Howard Land Plat

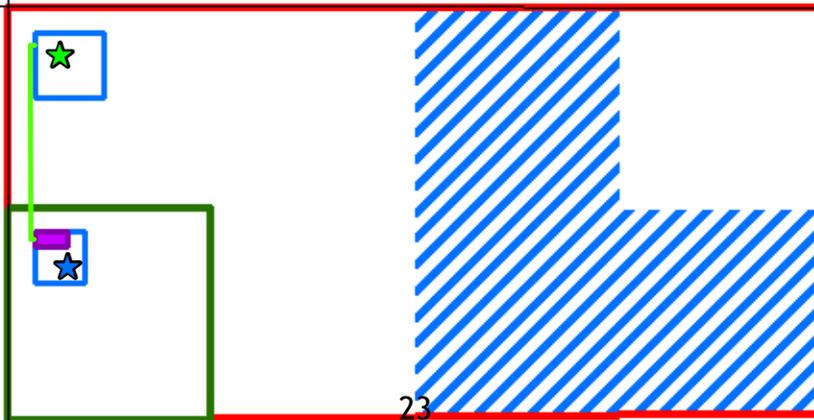
EXHIBIT 3



Legend

- Colonel R Howard Com #1 API: 30-015-42703
- Colonel R Howard #2 API: 30-015-42272
- Colonel R Howard Com #1 -320 Acre Unit
- Colonel R Howard #2 -40 Acre Unit
- Federal Lease NMNM 139351
- Flowline
- Facility
- Well Pad

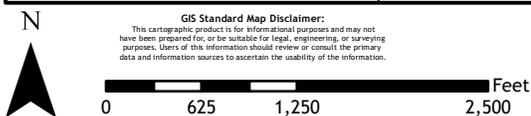
14



23



Southeast New Mexico



1:15,000
1 inch = 1,250 feet

Map Prepared by: agreen
Date: March 25, 2021
Filename: ColonelHoward_Commingling
Coordinate System: NAD 1927 StatePlane New Mexico East FIPS 3001
Projection: Transverse Mercator; Datum: North American 1927; Units: Foot US
Sources: IHS; ESRI;

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Sante Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

RECEIVED

JUN 27 2019

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

DISTRICT II-ARTESIA O.C.D.

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-42703	² Pool Code 73960	³ Pool Name CARLSBAD;MORROW, SOUTH (GAS)
⁴ Property Code 313753	⁵ Property Name COLONEL R. HOWARD COM	
⁷ OGRID No. 228937	⁸ Operator Name MATADOR PRODUCTION COMPANY	⁶ Well Number #1 ⁹ Elevation 3133'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	23	23-S	27-E	-	331'	NORTH	330'	WEST	EDDY

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
-	-	-	-	-	-	-	-	-	-

¹² Dedicated Acres 321.60	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.

	<p>SURFACE LOCATION NEW MEXICO EAST NAD 1927 X=551116 Y=471793 LAT.: N 32.2969663 LONG.: W 104.1679048 NAD 1983 X=592298 Y=471852 LAT.: N 32.2970858 LONG.: W 104.1684032</p>	<p>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 organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Sara Hartsfield</i> 11.27.17 Signature Date</p> <p>Sara Hartsfield Printed Name</p> <p>shartsfield@matadorresources.com E-mail Address</p>
	<p>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 to the best of my belief.</p> <p>Date of Survey Signature and Seal of Professional Surveyor</p> <p>Certificate Number</p>	

S:\SURVEY\MATADOR_RESOURCES\COLONEL_R_HOWARD_COM_1\FINAL_PRODUCTS\LD_COLONEL_R_HOWARD_COM_1.DWG 11/15/2017 10:48:10 AM gurens

EXHIBIT 4

Production Summary Report												
API: 30-015-42703												
COLONEL R. HOWARD COM #001												
Printed On: Thursday, April 15 2021												
Year	Pool	Month	Production					Injection				
			Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure	
2018	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Oct	0	0	0	31	0	0	0	0	0	0
2018	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Nov	0	10758	6684	30	0	0	0	0	0	0
2018	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Dec	0	24844	13821	31	0	0	0	0	0	0
2019	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Jan	0	33253	8968	31	0	0	0	0	0	0
2019	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Feb	0	28140	4592	27	0	0	0	0	0	0
2019	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Mar	0	32114	4837	31	0	0	0	0	0	0
2019	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Apr	0	29990	3097	30	0	0	0	0	0	0
2019	[73960] CARLSBAD;MORROW, SOUTH (GAS)	May	0	22792	1624	26	0	0	0	0	0	0
2019	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Jun	0	28842	2659	26	0	0	0	0	0	0
2019	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Jul	0	24809	2372	31	0	0	0	0	0	0
2019	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Aug	0	25221	2795	31	0	0	0	0	0	0
2019	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Sep	0	22403	1925	30	0	0	0	0	0	0
2019	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Oct	0	20631	2236	30	0	0	0	0	0	0

2019	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Nov	0	18959	1484	24	0	0	0	0	0
2019	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Dec	0	17898	1225	20	0	0	0	0	0
2020	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Jan	0	16742	2170	30	0	0	0	0	0
2020	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Feb	0	15360	2105	27	0	0	0	0	0
2020	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Mar	0	15641	2130	31	0	0	0	0	0
2020	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Apr	0	12780	991	27	0	0	0	0	0
2020	[73960] CARLSBAD;MORROW, SOUTH (GAS)	May	0	131	0	13	0	0	0	0	0
2020	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Jun	0	151	0	30	0	0	0	0	0
2020	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Jul	0	249	0	25	0	0	0	0	0
2020	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Aug	0	225	0	0	0	0	0	0	0
2020	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Sep	0	143	0	4	0	0	0	0	0
2020	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Oct	67	0	1915	17	0	0	0	0	0
2020	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Nov	0	0	5293	30	0	0	0	0	0
2020	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Dec	0	5194	4345	31	0	0	0	0	0
2021	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Jan	0	2703	6330	31	0	0	0	0	0
2021	[73960] CARLSBAD;MORROW, SOUTH (GAS)	Feb	10	374	1673	7	0	0	0	0	0

District I
1625 N. French Dr., Hobbs, NM 88240
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Phone: (505) 476-3460 Fax: (505) 476-3462

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

¹ API Number 30-015-42272		² Pool Code 98220		³ Pool Name PURPLE SAGE;WOLFCAMP (GAS)	
⁴ Property Code 40486		⁵ Property Name COLONEL R. HOWARD COM			⁶ Well Number #2
⁷ OGRID No. 228937		⁸ Operator Name MATADOR PRODUCTION COMPANY			⁹ Elevation 3138'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	23	23-S	27-E	-	1653'	NORTH	330'	WEST	EDDY

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
-	-	-	-	-	-	-	-	-	-

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.

SURFACE LOCATION
NEW MEXICO EAST
NAD 1927
X=551115
Y=470470
LAT.: N 32.2933311
LONG.: W 104.1679150
NAD 1983
X=592297
Y=470529
LAT.: N 32.2934506
LONG.: W 104.1684133

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 organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Chris Carleton 4/15/17
Signature Date

Chris Carleton
Printed Name

ccarleton@matadorresources.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 to the best of my belief.

11/13/2017
Date of Survey
Signature and Seal of Registered Surveyor

Certificate Number

Production Summary Report												
API: 30-015-42272												
COLONEL R. HOWARD COM #002												
Printed On: Thursday, April 15 2021												
Year	Pool	Month	Production					Injection				
			Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/1	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure	
2015	[10380] CASS DRAW;BONE SPRING	Jul	3080	7737	4450	18	0	0	0	0	0	0
2015	[10380] CASS DRAW;BONE SPRING	Aug	3776	9427	8208	31	0	0	0	0	0	0
2015	[10380] CASS DRAW;BONE SPRING	Sep	2909	8050	6576	30	0	0	0	0	0	0
2015	[10380] CASS DRAW;BONE SPRING	Oct	2833	8453	6739	31	0	0	0	0	0	0
2015	[10380] CASS DRAW;BONE SPRING	Nov	2335	7530	5479	30	0	0	0	0	0	0
2015	[10380] CASS DRAW;BONE SPRING	Dec	1927	6930	4801	27	0	0	0	0	0	0
2015	[98125] WC-015 G-06 S232704H;UPPER WOLFCAMP	Jul	136	342	197	18	0	0	0	0	0	0
2015	[98125] WC-015 G-06 S232704H;UPPER WOLFCAMP	Aug	167	417	363	31	0	0	0	0	0	0
2015	[98125] WC-015 G-06 S232704H;UPPER WOLFCAMP	Sep	129	356	291	30	0	0	0	0	0	0
2015	[98125] WC-015 G-06 S232704H;UPPER WOLFCAMP	Oct	125	374	298	31	0	0	0	0	0	0
2015	[98125] WC-015 G-06 S232704H;UPPER WOLFCAMP	Nov	103	333	242	30	0	0	0	0	0	0
2015	[98125] WC-015 G-06 S232704H;UPPER WOLFCAMP	Dec	85	307	212	27	0	0	0	0	0	0
2016	[10380] CASS DRAW;BONE SPRING	Jan	2146	7115	4649	27	0	0	0	0	0	0
2016	[10380] CASS DRAW;BONE SPRING	Feb	1890	7832	4984	29	0	0	0	0	0	0
2016	[10380] CASS DRAW;BONE SPRING	Mar	1929	8470	5326	31	0	0	0	0	0	0
2016	[10380] CASS DRAW;BONE SPRING	Apr	2225	12149	7573	30	0	0	0	0	0	0
2016	[10380] CASS DRAW;BONE SPRING	May	2093	13387	8166	31	0	0	0	0	0	0
2016	[10380] CASS DRAW;BONE SPRING	Jun	1727	11059	6724	30	0	0	0	0	0	0
2016	[10380] CASS DRAW;BONE SPRING	Jul	1576	10055	6115	31	0	0	0	0	0	0
2016	[10380] CASS DRAW;BONE SPRING	Aug	1407	8769	5015	31	0	0	0	0	0	0

2016	[10380]	CASS DRAW;BONE SPRING	Sep	969	5033	2217	30	0	0	0	0	0
2016	[10380]	CASS DRAW;BONE SPRING	Oct	1116	5109	2630	31	0	0	0	0	0
2016	[10380]	CASS DRAW;BONE SPRING	Nov	979	4748	2445	30	0	0	0	0	0
2016	[10380]	CASS DRAW;BONE SPRING	Dec	992	5070	3030	31	0	0	0	0	0
2016	[98125]	WC-015 G-06 S232704H;UPPER WOLFCAMP	Jan	95	315	206	27	0	0	0	0	0
2016	[98125]	WC-015 G-06 S232704H;UPPER WOLFCAMP	Feb	84	346	221	29	0	0	0	0	0
2016	[98125]	WC-015 G-06 S232704H;UPPER WOLFCAMP	Mar	86	375	236	31	0	0	0	0	0
2016	[98125]	WC-015 G-06 S232704H;UPPER WOLFCAMP	Apr	98	538	335	30	0	0	0	0	0
2016	[98125]	WC-015 G-06 S232704H;UPPER WOLFCAMP	May	93	592	361	31	0	0	0	0	0
2016	[98125]	WC-015 G-06 S232704H;UPPER WOLFCAMP	Jun	76	489	298	30	0	0	0	0	0
2016	[98125]	WC-015 G-06 S232704H;UPPER WOLFCAMP	Jul	70	445	271	31	0	0	0	0	0
2016	[98125]	WC-015 G-06 S232704H;UPPER WOLFCAMP	Aug	59	365	209	31	0	0	0	0	0
2016	[98125]	WC-015 G-06 S232704H;UPPER WOLFCAMP	Sep	40	210	92	30	0	0	0	0	0
2016	[98125]	WC-015 G-06 S232704H;UPPER WOLFCAMP	Oct	47	213	110	31	0	0	0	0	0
2016	[98125]	WC-015 G-06 S232704H;UPPER WOLFCAMP	Nov	41	198	102	30	0	0	0	0	0
2016	[98125]	WC-015 G-06 S232704H;UPPER WOLFCAMP	Dec	41	211	126	31	0	0	0	0	0
2017	[10380]	CASS DRAW;BONE SPRING	Jan	1091	6066	3120	31	0	0	0	0	0
2017	[10380]	CASS DRAW;BONE SPRING	Feb	788	5678	2910	28	0	0	0	0	0
2017	[10380]	CASS DRAW;BONE SPRING	Mar	1113	6222	3338	31	0	0	0	0	0
2017	[10380]	CASS DRAW;BONE SPRING	Apr	421	2575	634	30	0	0	0	0	0

2017	[10380]	CASS DRAW;BONE SPRING	May	637	4744	2851	31	0	0	0	0	0
2017	[10380]	CASS DRAW;BONE SPRING	Jun	477	5229	3160	30	0	0	0	0	0
2017	[10380]	CASS DRAW;BONE SPRING	Jul	396	5907	3208	31	0	0	0	0	0
2017	[10380]	CASS DRAW;BONE SPRING	Aug	262	5756	2975	31	0	0	0	0	0
2017	[10380]	CASS DRAW;BONE SPRING	Sep	3	24	0	1	0	0	0	0	0
2017	[10380]	CASS DRAW;BONE SPRING	Oct	896	4849	4684	31	0	0	0	0	0
2017	[10380]	CASS DRAW;BONE SPRING	Nov	724	4633	4340	30	0	0	0	0	0
2017	[10380]	CASS DRAW;BONE SPRING	Dec	663	4586	4648	31	0	0	0	0	0
	[98125]	WC-015 G-06 S232704H;UPPER										
2017	WOLFCAMP		Jan	46	253	130	31	0	0	0	0	0
2017	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Feb	33	237	121	28	0	0	0	0	0
2017	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Mar	47	259	139	31	0	0	0	0	0
2017	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Apr	17	107	26	30	0	0	0	0	0
2017	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	May	27	198	119	31	0	0	0	0	0
2017	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Jun	20	218	134	0	0	0	0	0	0
2017	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Jul	16	246	134	31	0	0	0	0	0
2017	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Aug	12	240	124	31	0	0	0	0	0
2017	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Sep	0	1	0	1	0	0	0	0	0
2017	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Oct	38	202	195	31	0	0	0	0	0
2017	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Nov	30	193	181	30	0	0	0	0	0
2017	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Dec	28	191	194	31	0	0	0	0	0
2018	[10380]	CASS DRAW;BONE SPRING	Jan	663	4586	4648	31	0	0	0	0	0
2018	[10380]	CASS DRAW;BONE SPRING	Feb	535	3646	2787	28	0	0	0	0	0
2018	[10380]	CASS DRAW;BONE SPRING	Mar	592	3888	3101	31	0	0	0	0	0
2018	[10380]	CASS DRAW;BONE SPRING	Apr	633	3544	2955	30	0	0	0	0	0
2018	[10380]	CASS DRAW;BONE SPRING	May	526	5375	2744	31	0	0	0	0	0
2018	[10380]	CASS DRAW;BONE SPRING	Jun	258	2635	671	26	0	0	0	0	0
2018	[10380]	CASS DRAW;BONE SPRING	Jul	546	4855	2290	31	0	0	0	0	0
2018	[10380]	CASS DRAW;BONE SPRING	Aug	524	3948	2007	31	0	0	0	0	0
2018	[10380]	CASS DRAW;BONE SPRING	Sep	525	3260	1926	30	0	0	0	0	0
2018	[10380]	CASS DRAW;BONE SPRING	Oct	417	3100	1630	31	0	0	0	0	0
2018	[10380]	CASS DRAW;BONE SPRING	Nov	496	2445	1274	30	0	0	0	0	0

2018	[10380]	CASS DRAW;BONE SPRING	Dec	496	2445	1274	30	0	0	0	0	0	0
2018	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Jan	28	191	194	31	0	0	0	0	0	0
2018	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Feb	24	152	116	28	0	0	0	0	0	0
2018	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Mar	22	162	129	31	0	0	0	0	0	0
2018	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Apr	27	148	123	30	0	0	0	0	0	0
2018	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	May	22	224	114	31	0	0	0	0	0	0
2018	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Jun	11	110	28	26	0	0	0	0	0	0
2018	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Jul	23	202	95	31	0	0	0	0	0	0
2018	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Aug	22	165	84	31	0	0	0	0	0	0
2018	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Sep	22	136	80	30	0	0	0	0	0	0
2018	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Oct	18	129	68	31	0	0	0	0	0	0
2018	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Nov	20	102	53	30	0	0	0	0	0	0
2018	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Dec	20	102	53	30	0	0	0	0	0	0
2019	[10380]	CASS DRAW;BONE SPRING	Jan	461	2532	1440	31	0	0	0	0	0	0
2019	[10380]	CASS DRAW;BONE SPRING	Feb	322	2394	1197	28	0	0	0	0	0	0
2019	[10380]	CASS DRAW;BONE SPRING	Mar	479	2434	1634	31	0	0	0	0	0	0
2019	[10380]	CASS DRAW;BONE SPRING	Apr	220	1349	574	30	0	0	0	0	0	0
2019	[10380]	CASS DRAW;BONE SPRING	May	463	1349	1291	31	0	0	0	0	0	0
2019	[10380]	CASS DRAW;BONE SPRING	Jun	262	1578	967	30	0	0	0	0	0	0
2019	[10380]	CASS DRAW;BONE SPRING	Jul	189	791	460	31	0	0	0	0	0	0
2019	[10380]	CASS DRAW;BONE SPRING	Aug	292	520	83	31	0	0	0	0	0	0
2019	[10380]	CASS DRAW;BONE SPRING	Sep	36	109	0	12	0	0	0	0	0	0
2019	[10380]	CASS DRAW;BONE SPRING	Oct	236	2075	2149	12	0	0	0	0	0	0
2019	[10380]	CASS DRAW;BONE SPRING	Nov	251	1022	581	30	0	0	0	0	0	0
2019	[10380]	CASS DRAW;BONE SPRING	Dec	134	857	443	31	0	0	0	0	0	0
2019	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Jan	19	106	60	31	0	0	0	0	0	0
2019	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Feb	14	100	50	28	0	0	0	0	0	0
2019	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Mar	20	101	68	31	0	0	0	0	0	0
2019	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Apr	9	56	24	30	0	0	0	0	0	0
2019	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	May	19	56	54	31	0	0	0	0	0	0
2019	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Jun	11	66	40	30	0	0	0	0	0	0
2019	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Jul	7	33	19	31	0	0	0	0	0	0

2019	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Aug	12	22	3	31	0	0	0	0	0	0
2019	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Sep	2	5	0	12	0	0	0	0	0	0
2019	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Oct	10	86	90	12	0	0	0	0	0	0
2019	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Nov	10	43	24	30	0	0	0	0	0	0
2019	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Dec	6	36	18	30	0	0	0	0	0	0
2020	[10380]	CASS DRAW;BONE SPRING	Jan	424	1889	1610	31	0	0	0	0	0	0
2020	[10380]	CASS DRAW;BONE SPRING	Feb	288	1655	1381	29	0	0	0	0	0	0
2020	[10380]	CASS DRAW;BONE SPRING	Mar	276	1015	1366	31	0	0	0	0	0	0
2020	[10380]	CASS DRAW;BONE SPRING	Apr	273	1425	1289	30	0	0	0	0	0	0
2020	[10380]	CASS DRAW;BONE SPRING	May	96	514	243	31	0	0	0	0	0	0
2020	[10380]	CASS DRAW;BONE SPRING	Jun	203	996	656	30	0	0	0	0	0	0
2020	[10380]	CASS DRAW;BONE SPRING	Jul	174	1327	710	27	0	0	0	0	0	0
2020	[10380]	CASS DRAW;BONE SPRING	Aug	148	1035	396	20	0	0	0	0	0	0
2020	[10380]	CASS DRAW;BONE SPRING	Sep	245	1262	516	30	0	0	0	0	0	0
2020	[10380]	CASS DRAW;BONE SPRING	Oct	131	1223	632	31	0	0	0	0	0	0
2020	[10380]	CASS DRAW;BONE SPRING	Nov	118	1100	482	30	0	0	0	0	0	0
2020	[10380]	CASS DRAW;BONE SPRING	Dec	281	1542	901	15	0	0	0	0	0	0
2020	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Jan	18	79	67	31	0	0	0	0	0	0
2020	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Feb	12	69	58	29	0	0	0	0	0	0
2020	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Mar	11	42	57	31	0	0	0	0	0	0
2020	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Apr	12	59	54	30	0	0	0	0	0	0
2020	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	May	4	21	10	30	0	0	0	0	0	0
2020	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Jun	8	41	27	30	0	0	0	0	0	0
2020	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Jul	8	55	30	27	0	0	0	0	0	0
2020	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Aug	6	43	17	20	0	0	0	0	0	0
2020	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Sep	10	53	21	30	0	0	0	0	0	0
2020	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Oct	6	51	26	31	0	0	0	0	0	0
2020	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Nov	5	46	20	30	0	0	0	0	0	0
2020	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Dec	12	64	38	15	0	0	0	0	0	0
2021	[10380]	CASS DRAW;BONE SPRING	Jan	153	1546	654	24	0	0	0	0	0	0
2021	[10380]	CASS DRAW;BONE SPRING	Feb	8	557	701	6	0	0	0	0	0	0
2021	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Jan	6	66	27	24	0	0	0	0	0	0

2021	[98220]	PURPLE SAGE;WOLFCAMP (GAS)	Feb	0	23	29	6	0	0	0	0	0
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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

Form C-107-B
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Submit the original application to the Santa Fe office with one copy to the appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: Matador Production Company
OPERATOR ADDRESS: 5400 LBJ Freeway Tower 1 Suite 1500 Dallas, TX 75240
APPLICATION TYPE:

Pool Commingling Lease Commingling Pool and Lease Commingling Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: Fee State Federal

Is this an Amendment to existing Order? Yes No If "Yes", please include the appropriate Order No. PLC-444
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling
 Yes No

(A) POOL COMMINGLING
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production	Calculated Value of Commingled Production	Volumes
CARLSBAD; MORROW SOUTH (GAS)	1030 BTU/CF	46.7° oil 1,115 BTU/Cf	\$50.47/bbl oil Deemed 40°/Sweet (Feb '2021 realized price) \$2.51/mcf (Dec '20 realized price)	0 bopd
CASS DRAW; BONE SPRING	1,253 BTU/CF			50 Mcfd
				4.8 bopd
				52.8 Mcfd
PURPLE SAGE; WOLFCAMP (GAS)	1258 BTU/CF			0.2 Bopd
				2.2 Mcfd

CFD
(3) Has all interest owners been notified by certified mail of the proposed commingling? Yes No.
(4) Measurement type: Metering Other (Specify)
(5) Will commingling decrease the value of production? Yes No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING
Please attach sheets with the following information

(1) Pool Name and Code
(2) Is all production from same source of supply? Yes No
(3) Has all interest owners been notified by certified mail of the proposed commingling? Yes No
(4) Measurement type: Metering Other (Specify)

(C) POOL and LEASE COMMINGLING
Please attach sheets with the following information

(1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT
Please attached sheets with the following information

(1) Is all production from same source of supply? Yes No
(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)
Please attach sheets with the following information

(1) A schematic diagram of facility, including legal location.
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
(3) Lease Names, Lease and Well Numbers, and API Numbers.

EXHIBIT 5

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

SIGNATURE: _____ TITLE: Sr. Production Engineer DATE: 4/14/2021

TYPE OR PRINT NAME Omar Enriquez TELEPHONE NO.: (972) 587-4638

E-MAIL ADDRESS: oenriquez@matadorresources.com

Matador Production Company

One Lincoln Centre • 5400 LBJ Freeway • Suite 1500 • Dallas, Texas 75240
Voice 972.587.4638 • Fax 972.371.5201
oenriquez@matadorresouces.com

Omar Enriquez
Sr. Production Engineer

April 16, 2021

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

Re: Application of Matador Production Company to Amend Administrative Order PLC-444 to Surface Commingle (Lease and Pool Commingle) Production from Spacing Units Comprising the N2 of Section of 23, Township 23 South, Range 27 East, NMPM, Eddy County, New Mexico (the “Lands”)

To Whom This May Concern,

Matador Production Company (“Matador”), OGRID: 228937, seeks to amend Administrative Order PLC-444, as follows: (1) to provide it authority to replace the Cass; Bone Spring [10380] pool with the Carlsbad; Morrow, South (Gas) [73960] pool, as to the Colonel R Howard Com No. 001 (API No. 30-015-42703); and (2) to replace the WC-015 G-06 S232704H; Upper Wolfcamp [98125] with the Purple Sage; Wolfcamp (Gas) [98120] pool, as to the Colonel R Howard Com No. 002. There are no other requested amendments to existing Order PLC-444. As a result, this amended request would ultimately include commingled production from the same two (2) distinct wells located on the Lands and future production from the Lands as described herein. All wells will be metered through individual test separators with an oil turbine meter and gas orifice meter. The gas commingling will occur after individual measurement at each well. Gas exiting each well test flows into one gathering line, as depicted on **Exhibit A**. Each well on the Lands will have its own test separator with an orifice meter manufactured and assembled in accordance with American Gas Association (AGA) specifications. All primary and secondary Electronic Flow Measurement (EFM) equipment is tested and calibrated by a reputable third-party measurement company in accordance with industry specifications.

The orifice meter is the preferred measurement device utilized by midstream and E&P companies in natural gas measurement. The gas samples are obtained at the time of the meter testing/calibration and the composition and heating value are determined by a laboratory in accordance with American Petroleum Institute (API) specifications to ensure accurate volume and Energy (MMBTU) determinations. See example from Fesco Laboratory attached as **Exhibit B** hereto.

The flow stream from each wellhead is demonstrated in the Process Flow Diagram (PFD) attached as **Exhibit A** hereto. The PFD shows that the water, oil, and gas leave the wellbore and flow into a wellhead test separator which separates the oil, gas, and water. The oil is measured via turbine meter which is calibrated periodically in accordance with industry specifications by a third-party measurement company for accuracy. The gas is measured on a volume and MMBTU basis by an orifice meter and supporting EFM equipment in accordance with American Petroleum Association (API) Chapter 21.1. The gas is then sent into a gathering line where it is commingled with each of the other wells' metered gas. The gathering line gas is then metered by another orifice meter at the tank battery check to show the total volume of gas leaving the Tank Battery. This meter is tested and calibrated in accordance with industry specifications and volume and energy are determined on an hourly, daily, and monthly basis. Once the gas exits this final tank battery sales check it travels directly into a third-party sales connect meter. These meters are also calibrated periodically to ensure the measurement accuracy.

In conclusion, all the oil and gas produced on the Lands is and will be metered at each wellhead and allocated correctly using the same measurement equipment as the pipeline sales measurement specifications accepted by API as industry standard.

Very truly yours,

MATADOR PRODUCTION COMPANY

Omar Enriquez
Sr. Production Engineer

OE/bkf
Enclosures

FESCO, Ltd.
1100 Fesco Ave. - Alice, Texas 78332

For: Matador Production Company
 One Lincoln Centre
 5400 LBJ Freeway, Suite 1500
 Dallas, Texas 75240

Sample: Jim Tom Lontos 30 23S 28E RB No. 201H
 First Stage Separator Gas
 Spot Gas Sample @ 550 psig & 113 °F

Date Sampled: 04/17/18

Job Number: 82079.001

CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286

COMPONENT	MOL%	GPM
Hydrogen Sulfide*	< 0.001	
Nitrogen	0.971	
Carbon Dioxide	0.122	
Methane	77.472	
Ethane	12.747	3.402
Propane	5.681	1.562
Isobutane	0.627	0.205
n-Butane	1.406	0.442
2-2 Dimethylpropane	0.002	0.001
Isopentane	0.250	0.091
n-Pentane	0.287	0.104
Hexanes	0.180	0.074
Heptanes Plus	<u>0.255</u>	<u>0.108</u>
Totals	100.000	5.989

Computed Real Characteristics Of Heptanes Plus:

Specific Gravity ----- 3.480 (Air=1)
 Molecular Weight ----- 100.43
 Gross Heating Value ----- 5221 BTU/CF

Computed Real Characteristics Of Total Sample:

Specific Gravity ----- 0.730 (Air=1)
 Compressibility (Z) ----- 0.9964
 Molecular Weight ----- 21.07
 Gross Heating Value
 Dry Basis ----- 1261 BTU/CF
 Saturated Basis ----- 1240 BTU/CF

*Hydrogen Sulfide tested on location by: Stain Tube Method (GPA 2377)
 Results: <0.013 Gr/100 CF, <0.2 PPMV or <0.001 Mol %

Base Conditions: 14.650 PSI & 60 Deg F

Sampled By: EJ. Garza
 Analyst: MR
 Processor: RG
 Cylinder ID: T-5425

Certified: FESCO, Ltd. - Alice, Texas

David Dannhaus 361-661-7015

**CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286
TOTAL REPORT**

COMPONENT	MOL %	GPM	WT %
Hydrogen Sulfide*	< 0.001		< 0.001
Nitrogen	0.971		1.291
Carbon Dioxide	0.122		0.255
Methane	77.472		58.972
Ethane	12.747	3.402	18.188
Propane	5.681	1.562	11.887
Isobutane	0.627	0.205	1.729
n-Butane	1.406	0.442	3.878
2,2 Dimethylpropane	0.002	0.001	0.007
Isopentane	0.250	0.091	0.856
n-Pentane	0.287	0.104	0.983
2,2 Dimethylbutane	0.003	0.001	0.012
Cyclopentane	0.000	0.000	0.000
2,3 Dimethylbutane	0.018	0.007	0.074
2 Methylpentane	0.055	0.023	0.225
3 Methylpentane	0.029	0.012	0.119
n-Hexane	0.075	0.031	0.307
Methylcyclopentane	0.032	0.011	0.128
Benzene	0.004	0.001	0.015
Cyclohexane	0.034	0.012	0.136
2-Methylhexane	0.010	0.005	0.048
3-Methylhexane	0.011	0.005	0.052
2,2,4 Trimethylpentane	0.000	0.000	0.000
Other C7's	0.029	0.013	0.137
n-Heptane	0.025	0.012	0.119
Methylcyclohexane	0.032	0.013	0.149
Toluene	0.006	0.002	0.026
Other C8's	0.031	0.014	0.162
n-Octane	0.010	0.005	0.054
Ethylbenzene	0.000	0.000	0.000
M & P Xylenes	0.004	0.002	0.020
O-Xylene	0.001	0.000	0.005
Other C9's	0.013	0.007	0.078
n-Nonane	0.003	0.002	0.018
Other C10's	0.005	0.003	0.034
n-Decane	0.002	0.001	0.014
Undecanes (11)	<u>0.003</u>	<u>0.002</u>	<u>0.022</u>
Totals	100.000	5.989	100.000

Computed Real Characteristics of Total Sample

Specific Gravity -----	0.730	(Air=1)
Compressibility (Z) -----	0.9964	
Molecular Weight -----	21.07	
Gross Heating Value		
Dry Basis -----	1261	BTU/CF
Saturated Basis -----	1240	BTU/CF

FESCO, Ltd.

1100 Fesco Ave. - Alice, Texas 78332

Sample: Jim Tom Lontos 30 23S 28E RB No. 201H
 First Stage Separator Gas
 Spot Gas Sample @ 550 psig & 113 °F

Date Sampled: 04/17/18

Job Number: 82079.001

GLYCALC FORMAT

COMPONENT	MOL%	GPM	Wt %
Carbon Dioxide	0.122		0.255
Hydrogen Sulfide	< 0.001		< 0.001
Nitrogen	0.971		1.291
Methane	77.472		58.972
Ethane	12.747	3.402	18.188
Propane	5.681	1.562	11.887
Isobutane	0.627	0.205	1.729
n-Butane	1.408	0.443	3.885
Isopentane	0.250	0.091	0.856
n-Pentane	0.287	0.104	0.983
Cyclopentane	0.000	0.000	0.000
n-Hexane	0.075	0.031	0.307
Cyclohexane	0.034	0.012	0.136
Other C6's	0.105	0.043	0.430
Heptanes	0.107	0.045	0.484
Methylcyclohexane	0.032	0.013	0.149
2,2,4 Trimethylpentane	0.000	0.000	0.000
Benzene	0.004	0.001	0.015
Toluene	0.006	0.002	0.026
Ethylbenzene	0.000	0.000	0.000
Xylenes	0.005	0.002	0.025
Octanes Plus	<u>0.067</u>	<u>0.034</u>	<u>0.382</u>
Totals	100.000	5.989	100.000

Real Characteristics Of Octanes Plus:

Specific Gravity ----- 4.153 (Air=1)
 Molecular Weight ----- 119.86
 Gross Heating Value ----- 6199 BTU/CF

Real Characteristics Of Total Sample:

Specific Gravity ----- 0.730 (Air=1)
 Compressibility (Z) ----- 0.9964
 Molecular Weight ----- 21.07
 Gross Heating Value
 Dry Basis ----- 1261 BTU/CF
 Saturated Basis ----- 1240 BTU/CF

<u>Name</u>	<u>Street</u>	<u>City</u>	<u>State</u>	<u>Zip</u>
Flat Creek Resources	777 Main Street, Suite 3600	Fort Worth	TX	76102-5341
B & G Royalties	P.O. Box 376	Artesia	NM	88211-0376
Jerry D. & Tricia M. Rose	8400 Porter Road	Carlsbad	NM	88220
Lee B. & Wilma E. Voigt	1103 North Shore Dr	Carlsbad	NM	88220
Tundra AD3 LP	2100 Ross Ave Ste 1870, LB-9	Dallas	TX	75201-6773
1836 Royalty Partners	306 W Wall Str, Ste 620	Midland	TX	79701-5118
Frank N. Carrasco	601 N 5Th St Apt A6	Carlsbad	NM	88220-3894
Vivian Dominguez Lopez	P.O. Box 143	Loving	NM	88256
Jubilee Royalty Holdings	P.O. Box 192	New York	NY	10024
Office of Natural Resources	P.O. Box 25627	Denver	CO	80225-0627
Big Three Energy Group	P.O. Box 429	Roswell	NM	88202-0429
B & G Royalties	P.O. Box 376	Artesia	NM	88211-0376
Camarie Oil & Gas, LLC	2502 Camarie Ave.	Midland	TX	79705
Compound Properties, LLC	P.O. Box 2990	Ruidoso	NM	88355-2990
Featherstone Development Corp	P.O. Box 429	Roswell	NM	88202-0429
Prospector LLC	P.O. Box 429	Roswell	NM	88202-0429
Ross Duncan Properties LLC	P.O. Box 647	Artesia	NM	88211-0647
XPLOR Resources LLC	1104 North Shore Drive	Carlsbad	NM	88220-4638
WPX Energy Permian LLC	3500 One Williams Center, 34NW	Tulsa	OK	74172
Lee B & Wilma E Voigt	1103 North Shore Dr	Carlsbad	NM	88220
Compound Propoerties, LLC	P.O. Box 2990	Ruidoso	NM	88355-2990
B & G Royalties	P.O. Box 376	Artesia	NM	88211-0376
Ross Duncan Propoerties LLC	P.O. Box 647	Artesia	NM	88211-0647
XPLOR Resources LLC	1104 North Shore Drive	Carlsbad	NM	88220-4638

EXHIBIT 6



Kaitlyn A. Luck
Phone (505) 954-7286
kaluck@hollandhart.com

April 23, 2021

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

**TO: ALL "AFFECTED PERSONS" OF
ADMINISTRATIVE ORDER PLC-444**

Re: Application of Matador Production Company to amend Surface Commingling Order PLC-444 to change the pools approved for surface commingling at the Colonel Howard 1/2 Tank Battery located in the SW/4 NW/4 (Unit E) of Section 23, Township 23 South, Range 27 East, NMPM, Eddy County, New Mexico.

Ladies and Gentlemen:

Enclosed is a copy of the above-referenced amended application, which was filed with the New Mexico Oil Conservation Division on this date. Any objection to this application must be filed in writing within twenty days from this date at the Division's Santa Fe office located at 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505. If no objection is received within this twenty-day period, this application may be approved administratively by the Division.

If you have any questions about this amended application, please contact the following:

Brian Fancher
Matador Production Company
940-224-9176
bfancher@matadorresources.com

Sincerely,

Kaitlyn A. Luck
**ATTORNEY FOR
MATADOR PRODUCTION COMPANY**

T 505.988.4421 F 505.983.6043
110 North Guadalupe, Suite 1, Santa Fe, NM 87501-1849
Mail to: P.O. Box 2208, Santa Fe, NM 87504-2208
www.hollandhart.com

Alaska	Montana	Utah
Colorado	Nevada	Washington, D.C.
Idaho	New Mexico	Wyoming

ParentID	Mail Date	Name	DeliveryAddress	City	ST	Zip	MailClass	TrackingNo	Well
31309	04/23/2021	Ross Duncan Propoerties LLC	PO Box 647	Artesia	NM	88211-0647	Certified with Return Receipt (Signature)	941481189876 5896454177	70373 - Matador - Colonel Howard - amend PLC-444 - notice list - 23
31309	04/23/2021	XPLOR Resources LLC	1104 North Shore Dr	Carlsbad	NM	88220-4638	Certified with Return Receipt (Signature)	941481189876 5896454313	70373 - Matador - Colonel Howard - amend PLC-444 - notice list - 24
31309	04/23/2021	Compound Propoerties, LLC	PO Box 2990	Ruidoso	NM	88355-2990	Certified with Return Receipt (Signature)	941481189876 5896454191	70373 - Matador - Colonel Howard - amend PLC-444 - notice list - 21
31309	04/23/2021	B & G Royalties	PO Box 376	Artesia	NM	88211-0376	Certified with Return Receipt (Signature)	941481189876 5896454146	70373 - Matador - Colonel Howard - amend PLC-444 - notice list - 22
31309	04/23/2021	Lee B & Wilma E Voigt	1103 North Shore Dr	Carlsbad	NM	88220-4637	Certified with Return Receipt (Signature)	941481189876 5896454122	70373 - Matador - Colonel Howard - amend PLC-444 - notice list - 20
31309	04/23/2021	WPX Energy Permian LLC	3500 One Williams Ctr 34nw	Tulsa	OK	74172-0135	Certified with Return Receipt (Signature)	941481189876 5896454153	70373 - Matador - Colonel Howard - amend PLC-444 - notice list - 19
31309	04/23/2021	XPLOR Resources LLC	1104 North Shore Dr	Carlsbad	NM	88220-4638	Certified with Return Receipt (Signature)	941481189876 5896454115	70373 - Matador - Colonel Howard - amend PLC-444 - notice list - 18
31309	04/23/2021	Ross Duncan Properties LLC	PO Box 647	Artesia	NM	88211-0647	Certified with Return Receipt (Signature)	941481189876 5896454672	70373 - Matador - Colonel Howard - amend PLC-444 - notice list - 17
31309	04/23/2021	Prospector LLC	PO Box 429	Roswell	NM	88202-0429	Certified with Return Receipt (Signature)	941481189876 5896454641	70373 - Matador - Colonel Howard - amend PLC-444 - notice list - 16
31309	04/23/2021	Featherstone Development Corp	PO Box 429	Roswell	NM	88202-0429	Certified with Return Receipt (Signature)	941481189876 5896454603	70373 - Matador - Colonel Howard - amend PLC-444 - notice list - 15

ParentID	Mail Date	Name	DeliveryAddress	City	ST	Zip	MailClass	TrackingNo	Well
31309	04/23/2021	Camarie Oil & Gas, LLC	2502 Camarie Ave	Midland	TX	79705-6309	Certified with Return Receipt (Signature)	941481189876 5896454665	70373 - Matador - Colonel Howard - amend PLC-444 - notice list - 13
31309	04/23/2021	Compound Properties, LLC	PO Box 2990	Ruidoso	NM	88355-2990	Certified with Return Receipt (Signature)	941481189876 5896454627	70373 - Matador - Colonel Howard - amend PLC-444 - notice list - 14
31309	04/23/2021	Big Three Energy Group	PO Box 429	Roswell	NM	88202-0429	Certified with Return Receipt (Signature)	941481189876 5896454610	70373 - Matador - Colonel Howard - amend PLC-444 - notice list - 11
31309	04/23/2021	B & G Royalties	PO Box 376	Artesia	NM	88211-0376	Certified with Return Receipt (Signature)	941481189876 5896454658	70373 - Matador - Colonel Howard - amend PLC-444 - notice list - 12
31309	04/23/2021	Office of Natural Resources	PO Box 25627	Denver	CO	80225-0627	Certified with Return Receipt (Signature)	941481189876 5896454979	70373 - Matador - Colonel Howard - amend PLC-444 - notice list - 10
31309	04/23/2021	Vivian Dominguez Lopez	PO Box 143	Loving	NM	88256-0143	Certified with Return Receipt (Signature)	941481189876 5896454986	70373 - Matador - Colonel Howard - amend PLC-444 - notice list - 8
31309	04/23/2021	Jubilee Royalty Holdings	PO Box 192	New York	NY	10024-0192	Certified with Return Receipt (Signature)	941481189876 5896454931	70373 - Matador - Colonel Howard - amend PLC-444 - notice list - 9
31309	04/23/2021	Frank N. Carrasco	601 N 5th St Apt A6	Carlsbad	NM	88220-3894	Certified with Return Receipt (Signature)	941481189876 5896454948	70373 - Matador - Colonel Howard - amend PLC-444 - notice list - 7
31309	04/23/2021	1836 Royalty Partners	306 W Wall St Ste 620	Midland	TX	79701-5118	Certified with Return Receipt (Signature)	941481189876 5896454993	70373 - Matador - Colonel Howard - amend PLC-444 - notice list - 6
31309	04/23/2021	Tundra AD3 LP	2100 Ross Ave Ste 1870 Lb-9	Dallas	TX	75201-6773	Certified with Return Receipt (Signature)	941481189876 5896454924	70373 - Matador - Colonel Howard - amend PLC-444 - notice list - 5

ParentID	Mail Date	Name	DeliveryAddress	City	ST	Zip	MailClass	TrackingNo	Well
31309	04/23/2021	Lee B. & Wilma E. Voigt	1103 North Shore Dr	Carlsbad	NM	88220-4637	Certified with Return Receipt (Signature)	941481189876 5896454962	70373 - Matador - Colonel Howard - amend PLC-444 - notice list - 4
31309	04/23/2021	B & G Royalties	PO Box 376	Artesia	NM	88211-0376	Certified with Return Receipt (Signature)	941481189876 5896454917	70373 - Matador - Colonel Howard - amend PLC-444 - notice list - 2
31309	04/23/2021	Jerry D. & Tricia M. Rose	8400 Porter Rd	Carlsbad	NM	88220-8946	Certified with Return Receipt (Signature)	941481189876 5896454955	70373 - Matador - Colonel Howard - amend PLC-444 - notice list - 3
31309	04/23/2021	Flat Creek Resources	777 Main St Ste 3600	Fort Worth	TX	76102-5341	Certified with Return Receipt (Signature)	941481189876 5896454771	70373 - Matador - Colonel Howard - amend PLC-444 - notice list - 1

Matador - Colonel Howard - amend PLC-444
Postal Delivery Report

TrackingNo	ToName	DeliveryAddress	City	State	Zip	USPS_Status
9414811898765896454771	Flat Creek Resources	777 Main St Ste 3600	Fort Worth	TX	76102-5341	Your item was delivered to the front desk, reception area, or mail room at 11:20 am on April 30, 2021 in FORT WORTH, TX 76102.
9414811898765896454979	Office of Natural Resources	PO Box 25627	Denver	CO	80225-0627	This is a reminder to arrange for redelivery of your item or your item will be returned to sender.
9414811898765896454610	Big Three Energy Group	PO Box 429	Roswell	NM	88202-0429	Your item was delivered at 9:34 am on April 28, 2021 in ROSWELL, NM 88201.
9414811898765896454658	B & G Royalties	PO Box 376	Artesia	NM	88211-0376	Your item was delivered at 2:01 pm on April 28, 2021 in ARTESIA, NM 88210.
9414811898765896454665	Camarie Oil & Gas, LLC	2502 Camarie Ave	Midland	TX	79705-6309	Your item was delivered to an individual at the address at 3:56 pm on April 29, 2021 in MIDLAND, TX 79705.
9414811898765896454627	Compound Properties, LLC	PO Box 2990	Ruidoso	NM	88355-2990	Your item was delivered at 11:09 am on May 5, 2021 in RUIDOSO, NM 88345.
9414811898765896454603	Featherstone Development Corp	PO Box 429	Roswell	NM	88202-0429	Your item was delivered at 9:34 am on April 28, 2021 in ROSWELL, NM 88201.
9414811898765896454641	Prospector LLC	PO Box 429	Roswell	NM	88202-0429	Your item was delivered at 9:34 am on April 28, 2021 in ROSWELL, NM 88201.
9414811898765896454672	Ross Duncan Properties LLC	PO Box 647	Artesia	NM	88211-0647	Your item was delivered at 10:32 am on April 28, 2021 in ARTESIA, NM 88210.
9414811898765896454115	XPLOR Resources LLC	1104 North Shore Dr	Carlsbad	NM	88220-4638	Your item was delivered to an individual at the address at 1:19 pm on April 28, 2021 in CARLSBAD, NM 88220.
9414811898765896454153	WPX Energy Permian LLC	3500 One Williams Ctr 34nw	Tulsa	OK	74172-0135	Your item was delivered to an individual at the address at 7:25 am on May 1, 2021 in TULSA, OK 74172.
9414811898765896454917	B & G Royalties	PO Box 376	Artesia	NM	88211-0376	Your item was delivered at 2:01 pm on April 28, 2021 in ARTESIA, NM 88210.
9414811898765896454122	Lee B & Wilma E Voigt	1103 North Shore Dr	Carlsbad	NM	88220-4637	Your item was delivered to an individual at the address at 1:09 pm on April 28, 2021 in CARLSBAD, NM 88220.
9414811898765896454191	Compound Propoerties, LLC	PO Box 2990	Ruidoso	NM	88355-2990	Your item was delivered at 11:09 am on May 5, 2021 in RUIDOSO, NM 88345.
9414811898765896454146	B & G Royalties	PO Box 376	Artesia	NM	88211-0376	Your item was delivered at 2:01 pm on April 28, 2021 in ARTESIA, NM 88210.

Matador - Colonel Howard - amend PLC-444
Postal Delivery Report

9414811898765896454177	Ross Duncan Propoerties LLC	PO Box 647	Artesia	NM	88211-0647	Your item was delivered at 10:32 am on April 28, 2021 in ARTESIA, NM 88210.
9414811898765896454313	XPLOR Resources LLC	1104 North Shore Dr	Carlsbad	NM	88220-4638	Your item was delivered to an individual at the address at 1:19 pm on April 28, 2021 in CARLSBAD, NM 88220.
9414811898765896454955	Jerry D. & Tricia M. Rose	8400 Porter Rd	Carlsbad	NM	88220-8946	Your item could not be delivered on May 13, 2021 at 8:51 am in CARLSBAD, NM 88221. It was held for the required number of days and is being returned to the sender.
9414811898765896454962	Lee B. & Wilma E. Voigt	1103 North Shore Dr	Carlsbad	NM	88220-4637	Your item was delivered to an individual at the address at 1:09 pm on April 28, 2021 in CARLSBAD, NM 88220.
9414811898765896454924	Tundra AD3 LP	2100 Ross Ave Ste 1870 Lb-9	Dallas	TX	75201-6773	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765896454993	1836 Royalty Partners	306 W Wall St Ste 620	Midland	TX	79701-5118	Your item was delivered to an individual at the address at 11:52 am on April 29, 2021 in MIDLAND, TX 79701.
9414811898765896454948	Frank N. Carrasco	601 N 5th St Apt A6	Carlsbad	NM	88220-3894	Your item was returned to the sender on May 11, 2021 at 1:26 pm in SANTA FE, NM 87501 because the addressee moved and left no forwarding address.
9414811898765896454986	Vivian Dominguez Lopez	PO Box 143	Loving	NM	88256-0143	Your item was delivered at 4:22 pm on April 28, 2021 in LOVING, NM 88256.
9414811898765896454931	Jubilee Royalty Holdings	PO Box 192	New York	NY	10024-0192	Your item was delivered at 3:48 pm on May 1, 2021 in NEW YORK, NY 10024.

Carlsbad Current Argus.

PART OF THE USA TODAY NETWORK

Affidavit of Publication

Ad # 0004748163

This is not an invoice

HOLLAND AND HART
POBOX 2208

SANTA FE, NM 87504

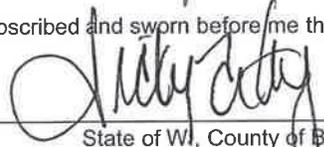
I, a legal clerk of the **Carlsbad Current Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

05/22/2021



Legal Clerk

Subscribed and sworn before me this May 22, 2021:



State of WI, County of Brown
NOTARY PUBLIC

9.19.21

My commission expires

VICKY FELTY
Notary Public
State of Wisconsin

Ad # 0004748163
PO #: Matador Leatherneck
of Affidavits 1

This is not an invoice

To: All affected parties, including: Michael Irwin Welch, his heirs and devisees; T.I.G Properties, L.P.; Pamela J. Burke, Trustee of the P.I.P 1990 Trust; Pamela J. Burke, Trustee of the Claire Ann Iverson Revocable Living Trust U/T/A Dated November 22, 2005; Pamela J. Burke, Trustee of the Siegfried James Iverson, III, Revocable Living Trust U/T/A Dated November 22, 2006; Ellen Marion Skylark, her heirs and devisees; Becky Welch Kitto Cooper, her heirs and devisees; Stacy Welch Green, her heirs and devisees; Julia Welch, her heirs and devisees; Roger Kent Haldeman, his heirs and devisees; Chalcam Exploration, L.L.C.; Veritas Permian Resources, LLC; Rita Lea Bonifield Spencer, her heirs and devisees; Fortis Minerals II, LLC; Braille Institute of America, Inc.; McQuiddy Communications & Energy, Inc.; Michael S. Richardson, his heirs and devisees; Claudia Liza Carlson, her heirs and devisees; Katherine Fletcher, her heirs and devisees, c/o Martha Hunter; Samuel H. Marshall, Jr. & William S. Marshall Trustees U/W/O Samuel Marshall, Deceased; Mary Lynn Forehand, her heirs and devisees; Mountain Lion Oil & Gas, LLC; Jean Wallace, his or her heirs and devisees; Paula Su Whelan, her heirs and devisees; Jeffrey Wayne Coe, his heirs and devisees; Mason Oaks Energy Holding, LLC; Charles E. Hinkle, his heirs and devisees; Cynthia Cindy Hinkle, Trustee U/W/O Clarence E. Hinkle, Deceased; Lynn S. Allensworth, her heirs and devisees; Marsha S. Melton, her heirs and devisees; William Joe Snipes RR 4, his heirs and devisees; Successor to Paul E. Siegel, Successor Fiduciary; and Hunt Oil Company.

Application of Matador Production Company to authorize pool and lease commingling at the Leatherneck South Tank Battery located in the NW/4 SW/4 (Unit L) of Section 30, Township 20 South, Range 29 East, NMPM, Eddy County, New Mexico. Pursuant to 19.15.12.7 NMAC, Matador Production Company (OGRID No. 228937) seeks administrative approval for pool and lease commingling, at the Leatherneck South Tank Battery of production from the Avalon; Bone Spring, East (3713); and the Burton Flat Upper Wolfcamp East (98315) pools from all existing and future wells drilled in the following spacing units:

(a) The 317.32-acre, more or less, spacing unit in the Bone Spring formation (Avalon; Bone Spring, East (3713)) underlying the N/2 S/2 of Sections 29 and 30. The spacing unit is currently dedicated to the Leatherneck 3029 Fed Com #127H well (API No. 30-015-46894), and the Leatherneck 3029 Fed Com #137H well (API No. 30-015-46895);

(b) The 317.32-acre, more or less, spacing unit in the Wolfcamp formation (Burton Flat Upper Wolfcamp East (98315)) underlying the N/2 S/2 of Sections 29 and 30. The spacing unit is currently dedicated to the Leatherneck 3029 Fed Com #207H well (API No. 30-015-47045), and the Leatherneck 3029 Fed Com #223H well (API No. 30-015-46815);

(c) The 317.82-acre, more or less, spacing unit in the Bone Spring formation (Avalon; Bone Spring, East (3713)) underlying the S/2 S/2 of Sections 29 and 30. The spacing unit is currently dedicated to the Leatherneck 3029 Fed Com #128H well (API No. 30-015-46903), the Leatherneck 3029 Fed Com #138H well (API No. 30-015-46896);

(d) The 317.82-acre, more or less, spacing unit in the Wolfcamp formation (Burton Flat Upper Wolfcamp East (98315)) underlying the S/2 S/2 of Sections 29 and 30. The spacing unit is currently dedicated to the Leatherneck 3029 Fed Com #208H well (API No. 30-015-47046), and the Leatherneck 3029 Fed Com #224H well (API No. 30-015-46893); and

(e) Pursuant to 19.15.12.10.C(4)(g) NMAC, future spacing units connected to this central tank battery with notice provided only to the interest owners within these future spacing units.

Any objection to this application must be filed in writing within twenty days from date of publication with the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505. If no objection is received within this twenty-day period, this application may be approved administratively by the Division. If you have any questions about this application, please contact Brian Fancher, Matador Production Company, 940-224-9176, Bfancher@matadorresources.com.

May 22, 2021

Carlsbad Current Argus.

PART OF THE USA TODAY NETWORK

Affidavit of Publication

Ad # 0004748176

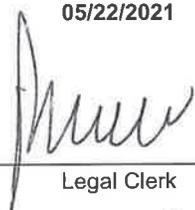
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HOLLAND AND HART
POBOX 2208

SANTA FE, NM 87504

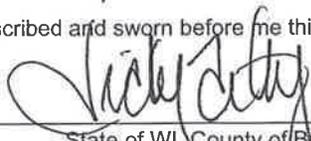
I, a legal clerk of the **Carlsbad Current Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

05/22/2021



Legal Clerk

Subscribed and sworn before me this May 22, 2021:



State of WI, County of Brown
NOTARY PUBLIC

9-19-21

My commission expires

To: All "affected persons" of Administrative Order PLC-444, including: Office of Natural Resources; Jerry D. & Tricia M. Rose, their heirs and devisees; Lee B. & Wilma E. Voigt, their heirs and devisees; Tundra AD3 LP; and Frank N. Carrasco, his heirs and devisees.

Application of Matador Production Company to amend Surface Commingling Order PLC-444 to change the pools approved for surface commingling at the Colonel Howard 1/2 Tank Battery located in the SW/4 NW/4 (Unit E) of Section 23, Township 23 South, Range 27 East, NMPM, Eddy County, New Mexico. Administrative Order PLC-444 authorized pool and lease commingling at the Colonel Howard 1/2 Tank Battery. Matador Production Company (OGRID No. 228937) seeks to amend the terms of Administrative Order PLC-444 to change the pool designations of wells producing from the subject leases, and allow the commingling of production from the wells in the following pools:

(a) The Colonel R. Howard Com #1H well (API No. 30-015-42703), which is now located in the Carlsbad; Morrow, South (Gas) Pool (Pool code 73960) (formerly the Cass Draw; Bone Spring (10380)); and

(b) The Colonel R. Howard Com #2H well (API No. 30-015-42703), which is now located in the Purple Sage; Wolfcamp (Gas) Pools (Pool code 98220) (formerly the WC-015 G-06 S232704H; Upper Wolfcamp (98125)). This change conforms with Administrative Order DHC-4763-A.

Any objection to this application must be filed in writing within twenty days from date of publication with the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505. If no objection is received within this twenty-day period, this application may be approved administratively by the Division. If you have any questions about this application, please contact Brian Fancher, Matador Production Company, (940) 224-9176, BFa ncher@matadorresources.com.

May 22, 2021

VICKY FELTY
Notary Public
State of Wisconsin

Ad # 0004748176

PO #: Matador Colonel Howard
of Affidavits 1

This is not an invoice

DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
 CASE RECORDATION
 (MASS) Serial Register Page

Run Date/Time: 6/10/2021 13:36 PM

Page 1 Of 2

01 02-25-1920;041STAT0437;30USC181
 Case Type 318310: O&G COMMUNITIZATION AGRMT
 Commodity 459: OIL & GAS
 Case Disposition: AUTHORIZED

Total Acres:
 320.000

Serial Number
 NMNM 138785

Case File Juris:

							Serial Number: NMNM-- - 138785	
Name & Address							Int Rel	% Interest
BLM NMSO	301 DINOSAUR TRL	SANTA FE	NM	875081560	OFFICE OF RECORD		0.000000000	
MRC DELAWARE RESOURCES LLC	5400 LYNDON B JOHNSON FWY	DALLAS	TX	752401000	OPERATOR		100.000000000	

								Serial Number: NMNM-- - 138785		
Mer	Twp	Rng	Sec	SType	Nr	Suff	Subdivision	District/ Field Office	County	Mgmt Agency
23	0230S	0270E	023	ALIQ			N2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Relinquished/Withdrawn Lands

Serial Number: NMNM-- - 138785

					Serial Number: NMNM-- - 138785	
Act Date	Act Code	Action Txt	Action Remarks		Pending Off	
08/28/2018	387	CASE ESTABLISHED				
08/28/2018	516	FORMATION	MARROW;			
08/28/2018	525	ACRES-NONFEDERAL	200.00;62.50%			
08/28/2018	868	EFFECTIVE DATE	/A/			
09/04/2018	580	PROPOSAL RECEIVED	CA RECD			
09/27/2018	334	AGRMT APPROVED				
11/17/2018	654	AGRMT PRODUCING	NMNM138785,1			
07/01/2019	690	AGRMT VALIDATED				
11/01/2019	581	RECAP/ALLOCATION UPDATE	/B/			

		Serial Number: NMNM-- - 138785	
Line Number	Remark Text		
0002	/A/RECAPITULATION EFFECTIVE 08/28/2018		
0003	TR#	LEASE SERIAL NO	AC COMMITTED % INTEREST
0004	1	FEE	200.00 62.500000
0005	2	NMNM 139037 ULA	120.00 37.500000
0006		TOTAL	320.00 100.000000
0007	NMNM139037 IS AN UNLEASED LANDS ACCOUNT		
0008	PRODUCTION ALLOCATED TO TRACT 2		
0009	T23S R27E SECTION 23: W2NE, SENE		

NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page

Run Date/Time: 6/10/2021 13:36 PM

Page 2 Of 2

Line Number	Remark Text	Serial Number: NMNM-- - 138785
0010	/B/RECAPITULATION EFFECTIVE 11/01/2019	
0011	TR# LEASE SERIAL NO AC COMMITTED % INTEREST	
0012	1 FEE 200.00 62.500000	
0013	2 NMNM139351 120.00 37.500000	
0014	TOTAL 320.00 100.000000	

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DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
 CASE RECORDATION
 (MASS) Serial Register Page

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Page 1 Of 1

01 02-25-1920;041STAT0437;30USC181
 Case Type 318310: O&G COMMUNITIZATION AGRMT
 Commodity 459: OIL & GAS
 Case Disposition: PENDING

Total Acres:
 320.000

Serial Number
 NMNM 140232

Case File Juris:

Serial Number: NMNM-- - 140232

Name & Address		Int Rel	% Interest
BLM NMSO	301 DINOSAUR TRL	SANTA FE NM 875081560	OFFICE OF RECORD 0.000000000
MATADOR PRODUCTION CO	5400 LBJ FREEWAY STE 1500	DALLAS TX 75240	OPERATOR 100.000000000

Serial Number: NMNM-- - 140232

Mer	Twp	Rng	Sec	SType	Nr	Suff	Subdivision	District/ Field Office	County	Mgmt Agency
23	0230S	0270E	023	ALIQ			N2;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Relinquished/Withdrawn Lands

Serial Number: NMNM-- - 140232

Serial Number: NMNM-- - 140232

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
01/02/2018	387	CASE ESTABLISHED		
01/02/2018	516	FORMATION	MORROW FORMATION;	
06/03/2019	580	PROPOSAL RECEIVED	CA RECD;	

Serial Number: NMNM-- - 140232

Line Number	Remark Text
-------------	-------------

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From: [Kaitlyn A. Luck](#)
To: [McClure, Dean, EMNRD](#)
Subject: [EXT] RE: surface commingling application PLC-765
Date: Friday, June 11, 2021 3:27:16 PM
Attachments: [image001.png](#)

Mr. McClure,

I'm writing to confirm that NMNM 138785 is the applicable CA. We're not sure about the other number mentioned. Please let us know if you need anything else from us to issue these orders.

Thanks again!

Kaitlyn

Kaitlyn A. Luck – Associate | Holland & Hart LLP | (o) 505.954.7286 (m) 361.648.1973

From: McClure, Dean, EMNRD <Dean.McClure@state.nm.us>
Sent: Thursday, June 10, 2021 2:08 PM
To: Kaitlyn A. Luck <KALuck@hollandhart.com>
Subject: RE: surface commingling application PLC-765

External Email

Sounds good Ms. Luck. Other than the notice period, I believe that once these questions are addressed, I can issue a recommendation to the Director that permits be issued for these commingling projects.

Dean McClure
Petroleum Engineer, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
(505) 469-8211

From: Kaitlyn A. Luck <KALuck@hollandhart.com>
Sent: Thursday, June 10, 2021 2:01 PM
To: McClure, Dean, EMNRD <Dean.McClure@state.nm.us>
Subject: [EXT] RE: surface commingling application PLC-765

Mr. McClure, I've received these three requests today regarding the CA's and will circle back with you after I've confirmed with Matador – thanks for your patience!

Kaitlyn A. Luck – Associate | Holland & Hart LLP | (o) 505.954.7286 (m) 361.648.1973

From: McClure, Dean, EMNRD <Dean.McClure@state.nm.us>
Sent: Thursday, June 10, 2021 2:00 PM
To: Kaitlyn A. Luck <KALuck@hollandhart.com>
Subject: surface commingling application PLC-765

External Email

Ms. Luck,

I am reviewing surface commingling application PLC-765 which involves the Colonel Howard ½ Tank Battery operated by Matador Production Company (228937).

Please confirm that NMNM 138785 is the CA which governs the allocation of production from Colonel R Howard Com #1 (30-015-42703). There is also a CA application with the BLM which covers the same tract of land and formation; NMNM 140232.

Dean McClure
Petroleum Engineer, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
(505) 469-8211

From: [Engineer, OCD, EMNRD](#)
To: [Kaitlyn A. Luck](#)
Cc: [McClure, Dean, EMNRD](#); [Simmons, Kurt, EMNRD](#); [Bratcher, Mike, EMNRD](#); [Hawkins, James, EMNRD](#); [Powell, Brandon, EMNRD](#); [lisa@rwbyram.com](#); [Glover, James](#); [Paradis, Kyle O](#); [Walls, Christopher](#)
Subject: Approved Administrative Order PLC-765
Date: Monday, June 14, 2021 11:27:23 AM
Attachments: [PLC765 Order.pdf](#)

NMOCD has issued Administrative Order PLC-765 which authorizes Matador Production Company (228937) to surface commingle or off-lease measure, as applicable, the following wells:

Well API	Well Name	UL or Q/Q	S-T-R	Pool Code
30-015-42703	Colonel R Howard Com #1	N/2	23-23S-27E	73960
30-015-42272	Colonel R Howard Com #2	SW/4 NW/4	23-23S-27E	10380 98220

The administrative order is attached to this email and can also be found online at OCD Imaging.

Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval. A copy of the order is attached. Please contact me with any questions regarding this matter.

Dean McClure
 Petroleum Engineer, Oil Conservation Division
 New Mexico Energy, Minerals and Natural Resources Department
 (505) 469-8211

State of New Mexico
Energy, Minerals and Natural Resources Department

Notice

Order: PLC-765

Operator: Matador Production Company (228937)

Publication Date: 5/22/2021

Initial Notice Date: 4/23/2021

Noticed Persons

Date	Person	Certified Tracking Number	Status
4/30/2021	Flat Creek Resources	9414811898765896454771	Delivered
5/21/2021	Office of Natural Resources	9414811898765896454979	Delivered
4/28/2021	Big Three Energy Group	9414811898765896454610	Delivered
4/28/2021	B & G Royalties	9414811898765896454658	Delivered
4/29/2021	Camarie Oil & Gas, LLC	9414811898765896454665	Delivered
5/5/2021	Compound Properties, LLC	9414811898765896454627	Delivered
4/28/2021	Featherstone Development Corp	9414811898765896454603	Delivered
4/28/2021	Prospector LLC	9414811898765896454641	Delivered
4/28/2021	Ross Duncan Properties LLC	9414811898765896454672	Delivered
4/28/2021	XPLOR Resources LLC	9414811898765896454115	Delivered
5/1/2021	WPX Energy Permian LLC	9414811898765896454153	Delivered
4/28/2021	B & G Royalties	9414811898765896454917	Delivered
4/28/2021	Lee B & Wilma E Voigt	9414811898765896454122	Delivered
5/5/2021	Compound Propoerties, LLC	9414811898765896454191	Delivered
4/28/2021	B & G Royalties	9414811898765896454146	Delivered
4/28/2021	Ross Duncan Propoerties LLC	9414811898765896454177	Delivered
4/28/2021	XPLOR Resources LLC	9414811898765896454313	Delivered
5/25/2021	Jerry D. & Tricia M. Rose	9414811898765896454955	Returned
4/28/2021	Lee B. & Wilma E. Voigt	9414811898765896454962	Delivered
5/4/2021	Tundra AD3 LP	9414811898765896454924	In-Transit
4/29/2021	1836 Royalty Partners	9414811898765896454993	Delivered
5/11/2021	Frank N. Carrasco	9414811898765896454948	Returned
4/28/2021	Vivian Dominguez Lopez	9414811898765896454986	Delivered
5/1/2021	Jubilee Royalty Holdings	9414811898765896454931	Delivered

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**APPLICATION FOR SURFACE COMMINGLING
SUBMITTED BY MATADOR PRODUCTION COMPANY**

ORDER NO. PLC-765

ORDER

The Director of the New Mexico Oil Conservation Division (“OCD”), having considered the application and the recommendation of the OCD Engineering Bureau, issues the following Order.

FINDINGS OF FACT

1. Matador Production Company (“Applicant”) submitted a complete application to surface commingle and off-lease measure the oil and gas production ("Application") from the pools, leases, and wells identified in Exhibit A.
2. Applicant proposed a method to allocate the oil and gas production to the pools, leases, and wells to be commingled.
3. To the extent that ownership is identical, Applicant submitted a certification by a licensed attorney or qualified petroleum landman that the ownership in the pools, leases, and wells to be commingled is identical as defined in 19.15.12.7(B) NMAC.
4. To the extent that ownership is diverse, Applicant provided notice of the Application to all persons owning an interest in the oil and gas production to be commingled, including the owners of royalty and overriding royalty interests, regardless of whether they have a right or option to take their interests in kind, and those persons either submitted a written waiver or did not file an objection to the Application.
5. Applicant provided notice of the Application to the Bureau of Land Management (“BLM”) or New Mexico State Land Office (“NMSLO”), as applicable.
6. Applicant certified the commingling of oil and gas production from the pools, leases, and wells will not in reasonable probability reduce the value of the oil and gas production to less than if it had remained segregated.
7. Applicant in the notice for the Application stated that it sought authorization to add additional pools, leases, and wells and identified the parameters to make such additions.
8. Applicant stated that it sought authorization to surface commingle and off-lease measure, as applicable, oil and gas production from wells which have not yet been approved to be drilled, but will produce from a pool and lease identified in Exhibit A.

CONCLUSIONS OF LAW

9. OCD has jurisdiction to issue this Order pursuant to the Oil and Gas Act, NMSA 1978, §§ 70-2-6, 70-2-11, 70-2-12, 70-2-16, and 70-2-17, and 19.15.12 NMAC.
10. Applicant satisfied the notice requirements for the Application in accordance with 19.15.12.10(A)(2), (C)(4)(c), and (C)(4)(e) NMAC, as applicable.
11. Applicant's proposed method of allocation, as modified herein, complies with 19.15.12.10(B)(1) or (C)(1) NMAC, as applicable.
12. Commingling of oil and gas production from state, federal, or tribal leases shall not commence until approved by the BLM or NMSLO, as applicable, in accordance with 19.15.12.10(B)(3) and (C)(4)(h) NMAC.
13. Applicant satisfied the notice requirements for the subsequent addition of pools, leases, and wells in the notice for the Application, in accordance with 19.15.12.10(C)(4)(g) NMAC. Subsequent additions of pools, leases, and wells within Applicant's defined parameters, as modified herein, will not, in reasonable probability, reduce the commingled production's value or otherwise adversely affect the interest owners in the production to be added.
14. By granting the Application with the conditions specified below, this Order prevents waste and protects correlative rights, public health, and the environment.

ORDER

1. Applicant is authorized to surface commingle and off-lease measure oil and gas production from the pools, leases, and wells identified in Exhibit A.

Applicant is authorized to surface commingle and off-lease measure, as applicable, oil and gas production from wells not included in Exhibit A but that produce from a pool and lease identified in Exhibit A.

2. This Order supersedes Order PLC-444.
3. The allocation of oil and gas production to wells not included in Exhibit A but that produce from a pool and lease identified in Exhibit A shall be determined in the same manner as to wells identified in Exhibit A that produce from that pool and lease, provided that if more than one allocation method is being used or if there are no wells identified in Exhibit A that produce from the pool and lease, then allocation of oil and gas production to each well not included in Exhibit A shall be determined by OCD prior to commingling production from it with the production from another well.
4. The oil and gas production for each well identified in Exhibit A shall be separated and metered prior to commingling.
5. Applicant shall measure the commingled oil at a central tank battery described in Exhibit A in accordance with 19.15.18.15 NMAC or 19.15.23.8 NMAC.

6. Applicant shall measure the commingled gas at a central delivery point or central tank battery described in Exhibit A in accordance with 19.15.19.9 NMAC, provided however that if the gas is flared, and regardless of whether OCD has granted an exception pursuant to 19.15.18.12(B) NMAC, Applicant shall report the gas in accordance with 19.15.18.12(F) NMAC.
7. Applicant shall calibrate the meters used to measure or allocate oil and gas production in accordance with 19.15.12.10(C)(2) NMAC.
8. If the commingling of oil and gas production from any pool, lease, or well reduces the value of the commingled oil and gas production to less than if it had remained segregated, no later than sixty (60) days after the decrease in value has occurred Applicant shall submit a new surface commingling application to OCD to amend this Order to remove the pool, lease, or well whose oil and gas production caused the decrease in value. If Applicant fails to submit a new application, this Order shall terminate on the following day, and if OCD denies the application, this Order shall terminate on the date of such action.
9. Applicant may submit an application to amend this Order to add pools, leases, and subsequently drilled wells with spacing units adjacent to or within the tracts commingled by this Order by submitting a Form C-107-B via the OCD Fee Portal in accordance with 19.15.12.10(C)(4)(g) NMAC.
10. If a well is not included in Exhibit A but produces from a pool or lease identified in Exhibit A, then Applicant shall submit Forms C-102 and C-103 to the OCD Engineering Bureau after the well has been approved to be drilled and prior to off-lease measuring or commingling oil or gas production from it with the production from another well. The Form C-103 shall reference this Order and identify the well and proposed method to determine the allocation of oil and gas production to it.
11. Applicant shall not commence commingling oil or gas production from state, federal, or tribal leases until approved by the BLM or NMSLO, as applicable.
12. OCD retains jurisdiction and reserves the right to modify or revoke this Order as it deems necessary to prevent waste or protect correlative rights, public health, or the environment.

**STATE OF NEW MEXICO
OIL CONSERVATION DIVISION**



**ADRIENNE SANDOVAL
DIRECTOR**

AS/dm

DATE: 6/14/2021

State of New Mexico
Energy, Minerals and Natural Resources Department

Exhibit A

Order: PLC-765
Operator: Matador Production Company (228937)
Central Tank Battery: Colonel Howard 1/2 Tank Battery
Central Tank Battery Location: Unit E, Section 23, Township 23 South, Range 27 East
Gas Title Transfer Meter Location: Unit E, Section 23, Township 23 South, Range 27 East

Pools

Pool Name	Pool Code
CASS DRAW; BONE SPRING	10380
CARLSBAD; MORROW, SOUTH (GAS)	73960
PURPLE SAGE; WOLFCAMP (GAS)	98220

Leases as defined in 19.15.12.7(C) NMAC

Lease	UL or Q/Q	S-T-R
CA Morrow NMNM 138785	N/2	23-23S-27E
Fee	SW/4 NW/4	23-23S-27E

Wells

Well API	Well Name	UL or Q/Q	S-T-R	Pool Code
30-015-42703	Colonel R Howard Com #1	N/2	23-23S-27E	73960
30-015-42272	Colonel R Howard Com #2	SW/4 NW/4	23-23S-27E	10380 98220

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 25869

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 25869
	Action Type: [C-107] Surface Commingle or Off-Lease (C-107B)

CONDITIONS

Created By	Condition	Condition Date
dmcclosure	Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval. If you have any questions regarding this matter, please contact me.	6/14/2021