

RECEIVED: <u>2/28/2018</u>	REVIEWER: <u>ms Am</u>	TYPE: <u>CTB</u>	APP NO: <u>PMAM 180605 7722</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: Matador Production Company

OGRID Number: 228937

Well Name: Airstrip 31-18-35 RN State Com No. 131H Well, 132H Well, and 133H Well

API: pending, 30-025-43816, & 30-025-44323

Pool: Airstrip; Bone Spring Pool

Pool Code: 960

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

CTB-851

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

☐

Notice Complete

☐

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.

Michael H. Feldewert

Print or Type Name

Signature

February 28, 2018

Date

505-988-4421

Phone Number

mfeldewert@hollandhart.com

e-mail Address



Michael H. Feldewert
Recognized Specialist in the
Area of Natural Resources - Oil
and Gas Law - New Mexico
Board of Legal Specialization
mfeldewert@hollandhart.com

February 28, 2018

VIA HAND DELIVERY

Heather Riley
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 for administrative approval to surface commingle (lease commingle) production for storage, measurement and sale at a common facility located in Section 31, Township 18 South, Range 35 East, NMPM, Lea County, New Mexico.

Dear Ms. Riley:

Under NMAC 19.15.12.7, individual spacing and proration units are considered separate "leases" for surface commingling purposes. Accordingly, Matador Production Company (OGRID No. 228937) seeks administrative approval to surface commingle oil and gas production from the Airstrip; Bone Spring Pool (Pool Code 960) *from all existing and future wells* drilled within the following spacing and proration units in Section 31, Township 18 South, Range 35 East, NMPM, in Eddy County, New Mexico:

(a) The 154.28-acre spacing and proration unit comprised of the W/2 W/2 of Section 31, which is to be dedicated to the Airstrip 31-18-35 RN State Com No. 131H Well (API No. 30-025-44509).

(b) The 160.75-acre spacing and proration unit comprised of the E/2 W/2 of Section 31, which is currently dedicated to the Airstrip 31-18-35 RN State Com No. 132H Well (API No. 30-025-43816). This spacing unit is subject to compulsory pooling Order No. R-14378.

(c) The 160.53-acre spacing and proration unit comprised of the W/2 E/2 of Section 31, which is currently dedicated to the Airstrip 31-18-35 RN State Com No. 133H Well (API No. 30-025-44323).

Holland & Hart LLP

Phone [505] 988-4421 Fax [505] 983-6043 www.hollandhart.com

110 North Guadalupe Suite 1 Santa Fe, New Mexico 87501 Mailing Address P.O. Box 2208 Santa Fe, NM 87504-2208

Aspen Boulder Carson City Colorado Springs Denver Denver Tech Center Billings Boise Cheyenne Jackson Hole Las Vegas Reno Salt Lake City Santa Fe Washington, D.C. ☐



Oil and gas production from these "leases" will be commingled and sold at a surface facility located in the SW/4 SW/4 (Unit M) of Section 31. In addition, Matador seeks authority to commingle production from *future spacing and proration units* connection to this common surface facility with notice provided only to the interest owners within the future "lease." 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 a turbine meter.

Exhibit 1 is a land plat showing Matador's current development and gathering system in the subject area. The plat identifies the wellbores, the existing spacing and proration units, and the common surface facilities located in the SW/4 SW/4 (Unit M) of Section 31.

Exhibit 2 contains C-102's for each of the wells currently planned or drilled within the existing spacing and proration units in Section 31.

Exhibit 3 contains a completed Application for Surface Commingling (Diverse Ownership) and Off-Lease Measurement Form C-107-B that includes a statement from Benjamin D. Peterson, P.E. identifying the facilities and the measurement devices to be utilized, a diagram of the surface facilities (attachment A to the statement) and a gas sample analysis (attachment B to the statement).

Exhibit 4 is a list of all mineral owners (including owners of royalty and overriding royalty interests) affected by this application and a copy of the letters sent by certified mail advising them that if they have an objection, it must file it in writing with the division within 20 days from the date the Division receives this application.

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

Sincerely,

Michael H. Feldewert

ATTORNEY FOR MATADOR PRODUCTION
COMPANY

Matador Production Company

One Lincoln Centre • 5400 LBJ Freeway • Suite 1500 • Dallas, Texas 75240

Voice 972.371.5427 • Fax 972.371.5201

bpeterson@matadorresources.com

Benjamin D. Peterson, P.E.
Senior Production Engineer

February 21, 2018

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

Re: Application of Matador Production Company for administrative approval for off-lease measurement and approval to surface commingle (lease commingle) gas and oil production from the spacing units comprising Section 31, Township 18 South, Range 35 East, NMPM, Lea County, New Mexico (the "Lands")

To Whom This May Concern,

Matador Production Company ("Matador"), OGRID: 228937, requests to commingle current oil and gas production from the Airstrip 31-18S-35E RN 132H with future production from the Lands as described herein. The wells will be metered through test separators with unique oil turbine meters and gas orifice meters. The gas commingling will occur after individual measurement at each well. Gas exiting the well test flows into a gathering line, as depicted on **Exhibit A**, that connects to Versado Gas Processing, LLC. 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 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 Institute (API) Chapter 21.1. The gas is then

sent into a sales line where it is 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. Versado Gas Processing, LLC has its own orifice meter that measures the gas for custody transfer. 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

A handwritten signature in black ink, appearing to read 'Ben Peterson', written in a cursive style.

Benjamin D. Peterson, P.E.
Sr. Production Engineer

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. _____
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

- (2) Are any wells producing at top allowables? ☐ Yes ☐ No
(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- Airstrip, Bone Spring Code: 960
(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.

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

SIGNATURE: Ben Peterson TITLE: Senior Production Engineer DATE: _____

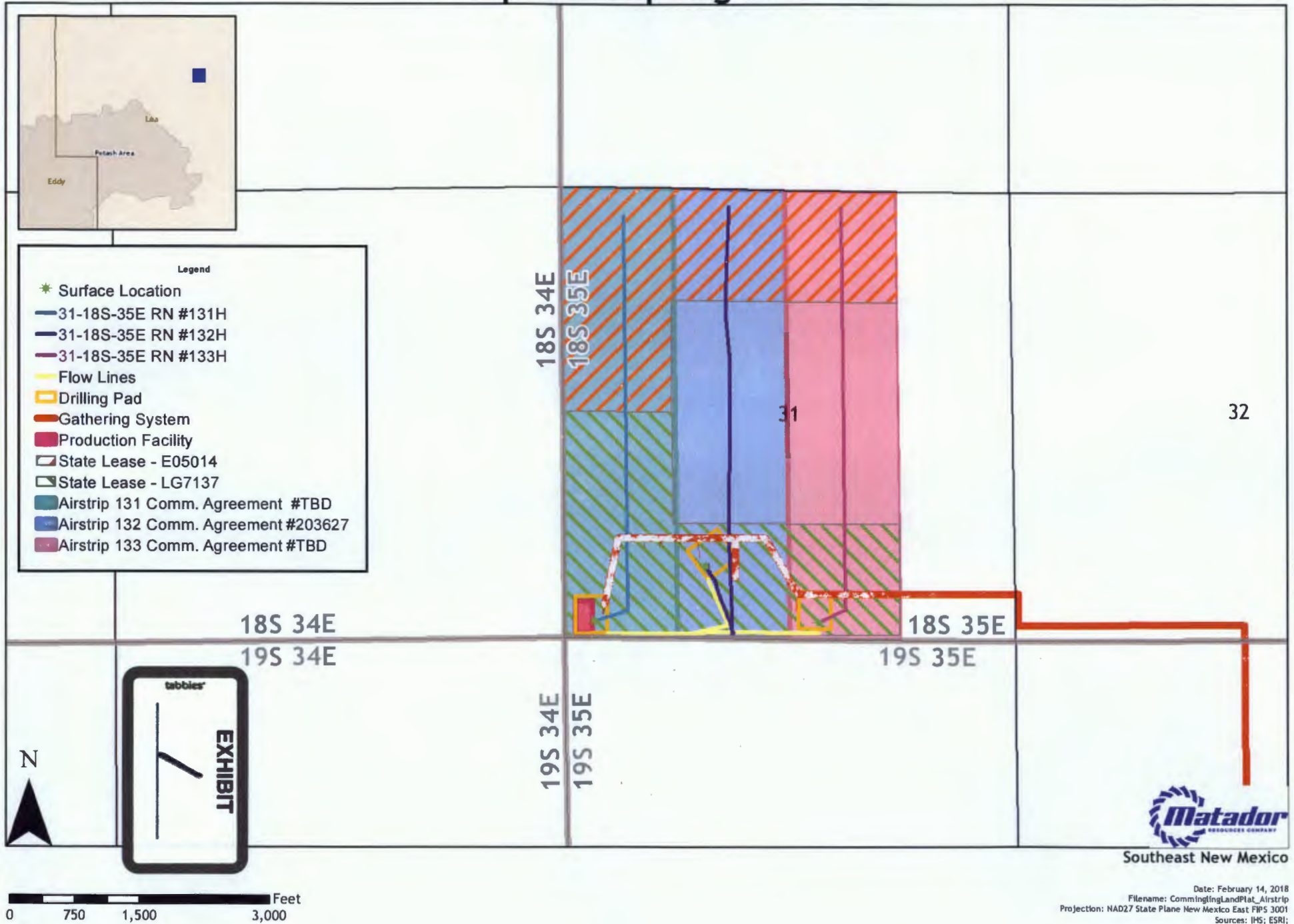
TYPE OR PRINT NAME Ben Peterson TELEPHONE NO.: (972) 371-5427

E-MAIL ADDRESS: bpeterson@matadorresources.com

EXHIBIT

3

Airstrip Bone Spring Land Plat



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., Santa 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.
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44509		² Pool Code 960	³ Pool Name AIRSTRIP; BONE SPRING
⁴ Property Code	⁵ Property Name AIRSTRIP 31-18-35 RN STATE COM		⁶ Well Number #131H
⁷ GRID No. 228937	⁸ Operator Name MATADOR PRODUCTION COMPANY		⁹ Elevation 3948'

¹⁰Surface Location

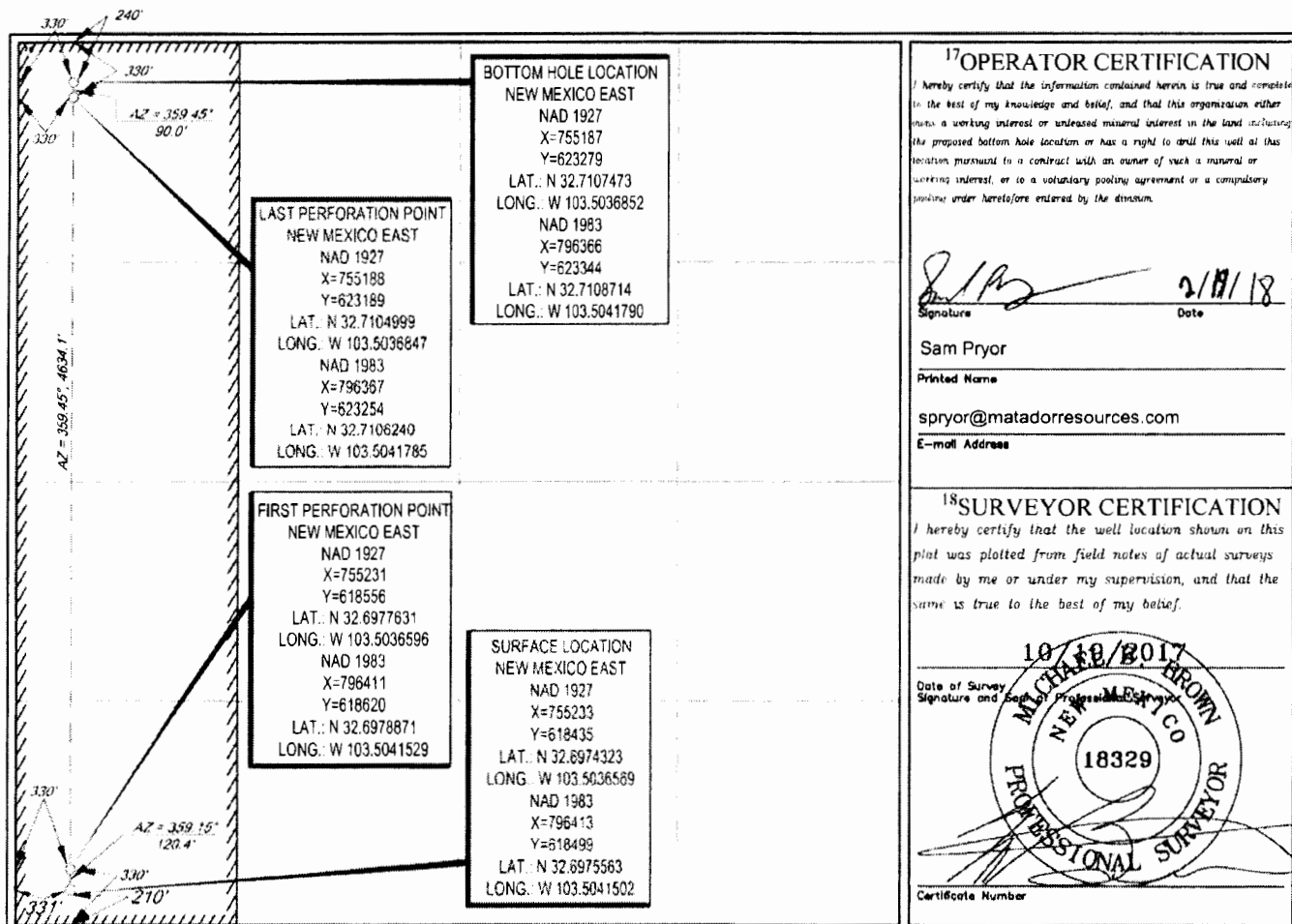
U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	31	18-S	35-E	-	210'	SOUTH	331'	WEST	LEA

¹¹Bottom Hole Location If Different From Surface

U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	31	18-S	35-E	-	240'	NORTH	330'	WEST	LEA

¹² Dedicated Acres 154.28	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.



S:\SURVEY\MATADOR_RESOURCES\AIRSTRIP_31-18-35E_RN_STATE_COM_131H\FINAL_PRODUCTS\LO_AIRSTRIP_31-18-35E_RN_STATE_COM_131H_REV2.DWG 2/19/2018 8:59:16 AM egregory

EXHIBIT

2

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-6720
District II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1281 Fax: (505) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87416
Phone: (505) 334-6178 Fax: (505) 334-6179
District IV
1226 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3467

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

FORM C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-43816		² Pool Code 960	³ Pool Name AIRSTRIP; BONE SPRING
⁴ Property Code 314818	⁵ Property Name AIRSTRIP 31-18S-35E RN STATE COM		⁶ Well Number #132H
⁷ OGRID No. 22897	⁸ Operator Name MATADOR PRODUCTION COMPANY		⁹ Elevation 3937'

¹⁰Surface Location

11. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	31	18-S	35-E	-	850'	SOUTH	1638'	WEST	LEA

11. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	31	18-S	35-E	-	231'	NORTH	1943'	WEST	LEA

¹² Dedicated Acres 160.75	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.

BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 X=756799 Y=623291 LAT. N 32.7107433 LONG. W 103.4984429 NAD 1983 X=797979 Y=623355 LAT. N 32.7108674 LONG. W 103.4989365 MD = 15406' SURFACE LOCATION NEW MEXICO EAST NAD 1927 X=756534 Y=619080 LAT. N 32.6991775 LONG. W 103.4994110 NAD 1983 X=797714 Y=619145 LAT. N 32.6993016 LONG. W 103.4999042 ELEV = 3937'	LAST TAKE POINT NEW MEXICO EAST NAD 1927 X=756796 Y=623192 LAT. N 32.7104724 LONG. W 103.4984555 NAD 1983 X=797974 Y=623198 LAT. N 32.7104358 LONG. W 103.4989566 MD = 15248' FIRST TAKE POINT NEW MEXICO EAST NAD 1927 X=756821 Y=618783 LAT. N 32.6983536 LONG. W 103.4964884 NAD 1983 X=798001 Y=618847 LAT. N 32.6984776 LONG. W 103.4989815 MD = 10888'	PENETRATION POINT NEW MEXICO EAST NAD 1927 X=756828 Y=618561 LAT. N 32.6977443 LONG. W 103.4984686 NAD 1983 X=798009 Y=618596 LAT. N 32.6977930 LONG. W 103.4989619 MD = 10595'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this information includes a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to land this well as the location pursuant to a contract with an owner of such a mineral or working interest, or to a compulsory pooling agreement or a compulsory pooling order heretofore entered by the Division. Signature: <i>[Signature]</i> Date: 9/5/17 Printed Name: Sam Pryor E-mail Address: spryor@matadorresources.com 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief. Date of Survey: 05/04/2017 Signature and Seal of Michael B. Brown MICHAEL B. BROWN NEW MEXICO 18329 PROFESSIONAL SURVEYOR Certificate Number
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S SURVEY/MATADOR RESOURCES/AIRSTRIP, 31-18S-35E, RN, STATE COM, 132H-FINAL, PRODUCTION, AIRSTRIP, 31-18S-35E, RN, STATE COM, 132H DWG 8/17/2017 5:02:22 PM kxoval

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-44323		² Pool Code 960		³ Pool Name AIRSTRIP;BONE SPRING	
⁴ Property Code		⁵ Property Name AIRSTRIP 31-18 -35 RN STATE COM			⁶ Well Number #133H
⁷ OCRID No. 228937		⁸ Operator Name MATADOR PRODUCTION COMPANY			⁹ Elevation 3940'
¹⁰ Surface Location					
UI, or lot no. O	Section 31	Township 18-S	Range 35-E	Lot Idn -	Feet from the 188'
					North/South line SOUTH
					Feet from the 2301'
					East/West line EAST
					County LEA
UI, or lot no. B	Section 31	Township 18-S	Range 35-E	Lot Idn -	Feet from the 240'
					North/South line NORTH
					Feet from the 1983'
					East/West line EAST
					County LEA
¹¹ Dedicated Acres 160.53		¹² Joint or Infill		¹³ Consolidation Code	
¹⁴ Order No.					

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

BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 X=758117 Y=623285 LAT.: N 32.7106988 LONG.: W 103.4941583 NAD 1983 X=799297 Y=623349 LAT.: N 32.7108228 LONG.: W 103.4946518		LAST PERFORATION POINT NEW MEXICO EAST NAD 1927 X=758118 Y=623195 LAT.: N 32.7104514 LONG.: W 103.4941580 NAD 1983 X=799298 Y=623259 LAT.: N 32.7106754 LONG.: W 103.4946514		FIRST PERFORATION POINT NEW MEXICO EAST NAD 1927 X=758160 Y=618586 LAT.: N 32.6977285 LONG.: W 103.4941403 NAD 1983 X=799340 Y=618630 LAT.: N 32.6978524 LONG.: W 103.4946332		SURFACE LOCATION NEW MEXICO EAST NAD 1927 X=757845 Y=618423 LAT.: N 32.6973423 LONG.: W 103.4951693 NAD 1983 X=799025 Y=618487 LAT.: N 32.6974663 LONG.: W 103.4956623		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided 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 one owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>[Signature]</i> Date: 11/17/17 Sam Pryor Printed Name spryor@matadorresources.com E-mail Address	
18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief. Date of Survey: 10/18/2017 Signature and Seal: <i>[Signature]</i> 19642 PROFESSIONAL SURVEYOR Certificate Number: <i>[Signature]</i>									

Production Summary Report
API: 30-025-43816
AIRSTRIP 31 18 35 RN STATE COM #132H
Printed On: Thursday, March 01 2018

		Production					Injection				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2017	[960] AIRSTRIP;BONE SPRING	Aug	4569	2279	24096	31	0	0	0	0	0
2017	[960] AIRSTRIP;BONE SPRING	Sep	23007	11871	24899	30	0	0	0	0	0
2017	[960] AIRSTRIP;BONE SPRING	Oct	20196	10812	1074	31	0	0	0	0	0
2017	[960] AIRSTRIP;BONE SPRING	Nov	11829	5749	4994	30	0	0	0	0	0
2017	[960] AIRSTRIP;BONE SPRING	Dec	8856	4082	3339	23	0	0	0	0	0

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

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

Sample: Airstrip 31 18 35 RN State Com No. 132H
 First Stage Separator
 Spot Gas Sample @ 119 psig & 108 °F

Date Sampled: 09/15/2017

Job Number: 73293.001

CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286

COMPONENT	MOL%	GPM
Hydrogen Sulfide*	< 0.001	
Nitrogen	4.833	
Carbon Dioxide	0.221	
Methane	60.792	
Ethane	17.189	4.594
Propane	10.871	2.993
Isobutane	1.006	0.329
n-Butane	2.878	0.907
2-2 Dimethylpropane	0.010	0.004
Isopentane	0.560	0.205
n-Pentane	0.569	0.206
Hexanes	0.422	0.174
Heptanes Plus	<u>0.649</u>	<u>0.252</u>
Totals	100.000	9.664

Computed Real Characteristics Of Heptanes Plus:

Specific Gravity ----- 3.262 (Air=1)
 Molecular Weight ----- 93.99
 Gross Heating Value ----- 4831 BTU/CF

Computed Real Characteristics Of Total Sample:

Specific Gravity ----- 0.875 (Air=1)
 Compressibility (Z) ----- 0.9949
 Molecular Weight ----- 25.21
 Gross Heating Value
 Dry Basis ----- 1418 BTU/CF
 Saturated Basis ----- 1394 BTU/CF

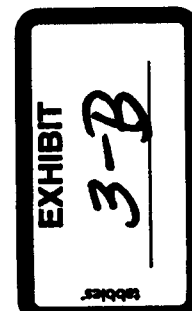
*Hydrogen Sulfide tested on location b: Stain Tube Method (GPA 2377)
 Results: <0.013 Gr/100 CF, <0.2 PPMV or <0.001 Mol %

Base Conditions: 14.650 PSI & 60 Deg F

Sampled By: (08) B.McCollum
 Analyst: MR
 Processor: NG
 Cylinder ID: T-1773

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	4.833		5.371
Carbon Dioxide	0.221		0.386
Methane	60.792		38.691
Ethane	17.189	4.594	20.505
Propane	10.871	2.993	19.018
Isobutane	1.006	0.329	2.320
n-Butane	2.878	0.907	6.636
2,2 Dimethylpropane	0.010	0.004	0.029
Isopentane	0.560	0.205	1.603
n-Pentane	0.569	0.206	1.629
2,2 Dimethylbutane	0.003	0.001	0.010
Cyclopentane	0.080	0.033	0.223
2,3 Dimethylbutane	0.000	0.000	0.000
2 Methylpentane	0.125	0.052	0.427
3 Methylpentane	0.078	0.032	0.267
n-Hexane	0.136	0.056	0.465
Methylcyclopentane	0.118	0.041	0.394
Benzene	0.082	0.023	0.254
Cyclohexane	0.084	0.029	0.280
2-Methylhexane	0.017	0.008	0.068
3-Methylhexane	0.023	0.010	0.091
2,2,4 Trimethylpentane	0.000	0.000	0.000
Other C7's	0.085	0.037	0.335
n-Heptane	0.039	0.018	0.155
Methylcyclohexane	0.064	0.026	0.249
Toluene	0.032	0.011	0.117
Other C8's	0.058	0.027	0.254
n-Octane	0.014	0.007	0.063
Ethylbenzene	0.004	0.002	0.017
M & P Xylenes	0.004	0.002	0.017
O-Xylene	0.002	0.001	0.008
Other C9's	0.017	0.009	0.085
n-Nonane	0.003	0.002	0.015
Other C10's	0.001	0.001	0.006
n-Decane	0.001	0.001	0.006
Undecanes (11)	<u>0.001</u>	<u>0.001</u>	<u>0.006</u>
Totals	100.000	9.664	100.000

Computed Real Characteristics of Total Sample

Specific Gravity -----	0.875	(Air=1)
Compressibility (Z) -----	0.9949	
Molecular Weight -----	25.21	
Gross Heating Value		
Dry Basis -----	1418	BTU/CF
Saturated Basis -----	1394	BTU/CF

FESCO, Ltd.**1100 Fesco Ave. - Alice, Texas 78332****Sample:** Airstrip 31 18 35 RN State Com No. 132H

First Stage Separator

Spot Gas Sample @ 119 psig & 108 °F

Date Sampled: 09/15/2017

Job Number: 73293.001

GLYCALC FORMAT

COMPONENT	MOL%	GPM	Wt %
Carbon Dioxide	0.221		0.386
Hydrogen Sulfide	< 0.001		< 0.001
Nitrogen	4.833		5.371
Methane	60.792		38.691
Ethane	17.189	4.594	20.505
Propane	10.871	2.993	19.018
Isobutane	1.006	0.329	2.320
n-Butane	2.888	0.911	6.665
Isopentane	0.560	0.205	1.603
n-Pentane	0.569	0.206	1.629
Cyclopentane	0.080	0.033	0.223
n-Hexane	0.136	0.056	0.465
Cyclohexane	0.084	0.029	0.280
Other C6's	0.206	0.085	0.704
Heptanes	0.282	0.114	1.043
Methylcyclohexane	0.064	0.026	0.249
2,2,4 Trimethylpentane	0.000	0.000	0.000
Benzene	0.082	0.023	0.254
Toluene	0.032	0.011	0.117
Ethylbenzene	0.004	0.002	0.017
Xylenes	0.006	0.002	0.025
Octanes Plus	<u>0.095</u>	<u>0.046</u>	<u>0.435</u>
Totals	100.000	9.664	100.000

Real Characteristics Of Octanes Plus:

Specific Gravity ----- 4.001 (Air=1)
Molecular Weight ----- 115.30
Gross Heating Value ----- 5885 BTU/CF

Real Characteristics Of Total Sample:

Specific Gravity ----- 0.875 (Air=1)
Compressibility (Z) ----- 0.9949
Molecular Weight ----- 25.21
Gross Heating Value
Dry Basis ----- 1418 BTU/CF
Saturated Basis ----- 1394 BTU/CF



Shipment Confirmation Acceptance Notice

A. Mailer Action

Note to Mailer: The labels and volume associated to this form online, **must** match the labeled packages being presented to the USPS® employee with this form.

NSL -Airstrip 31-18-35 RN State Com No. 131H Well

Shipment Date: 02/27/2018

Shipped From:

Name: HOLLAND & HART LLP

Address: 110 N GUADALUPE ST # 1

City: SANTA FE

State: NM ZIP+4® 87501

Type of Mail	Volume
Priority Mail Express®	
Priority Mail®	0
First-Class Package Service®	
Returns	
International*	
Other	34
Total	34

*Start time for products with service guarantees will begin when mail arrives at the local Post Office™ and items receive individual processing and acceptance scans.

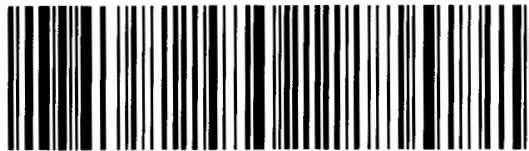
B. USPS Action

Note to RSS Clerk:

1. Home screen > Mailing/Shipping > More
2. Select Shipment Confirm
3. Scan or enter the barcode/label number from PS Form 5630
4. Confirm the volume count message by selecting Yes or No
5. Select Pay and End Visit to complete transaction

USPS EMPLOYEE: Please scan upon pickup or receipt of mail.
Leave form with customer or in customer's mail receptacle.

USPS SCAN AT ACCEPTANCE



9275 0901 1935 6200 0007 3593 08

EXHIBIT

4



UNITED STATES
POSTAL SERVICE®

Firm Mailing Book For Accountable Mail

Name and Address of Sender Holland & Hart LLP 110 N Guadalupe St # 1 Santa Fe NM 87501		Check type of mail or service ☐ Adult Signature Required ☐ Adult Signature Restricted Delivery ☒ Certified Mail ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery (COD) ☐ Insured Mail ☐ Priority Mail ☐ Priority Mail Express ☐ Registered Mail ☐ Return Receipt for Merchandise ☐ Signature Confirmation ☐ Signature Confirmation Restricted Delivery		Affix Stamp Here (if issued as an international certificate of mailing or for additional copies of this receipt). Postmark with Date of Receipt.												
USPS Tracking/Article Number		Addressee (Name, Street, City, State, & ZIP Code™)		Postage	(Extra Service) Fee	Handling Charge	Actual Value if Registered	Insured Value	Due Sender if COD	ASR Fee	ASRD Fee	RD Fee	RR Fee	SC Fee	SCRD Fee	SH Fee
1. 9214 8901 9403 8304 6148 99		Billy Kirby Woodland Creek Circle #9 Wichita Falls TX 76302		0.49	3.45								1.50			
2. 9214 8901 9403 8304 6149 05		Brent Ray Robertson 8 Sleepy Hollow Wichita Falls TX 76308		0.49	3.45								1.50			
3. 9214 8901 9403 8304 6149 12		Charlotte A Smith PO BOX 199 Torrion NM 87061		0.49	3.45								1.50			
4. 9214 8901 9403 8304 6149 29		Chris Ann Willis 15955 Freemanville Road Alpharetta GA 30004		0.49	3.45								1.50			
5. 9214 8901 9403 8304 6149 36		Commissioner of Public Lands PO BOX 1148 Santa Fe NM 87504-1148		0.49	3.45								1.50			
6. 9214 8901 9403 8304 6149 43		Corbett Petroleum Inc PO BOX 11644 Spring TX 77391-1644		0.49	3.45								1.50			
7. 9214 8901 9403 8304 6149 50		Devon Energy Production Co LP 333 West Sheridan Avenue Oklahoma City OK 73102		0.49	3.45								1.50			
8. 9214 8901 9403 8304 6149 67		Emily A Kadane 4201 Picasso Wichita Falls TX 76308		0.49	3.45								1.50			
Total Number of Pieces Listed by Sender 34		Total Number of Pieces Received at Post Office 34		Postmaster, Per (Name of receiving employee)												



Firm Mailing Book For Accountable Mail

Name and Address of Sender Holland & Hart LLP 110 N Guadalupe St # 1 Santa Fe NM 87501		Check type of mail or service ☐ Adult Signature Required ☐ Adult Signature Restricted Delivery ☒ Certified Mail ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery (COD) ☐ Insured Mail ☐ Priority Mail ☐ Priority Mail Express ☐ Registered Mail ☐ Return Receipt for Merchandise ☐ Signature Confirmation ☐ Signature Confirmation Restricted Delivery		Affix Stamp Here (if issued as an international certificate of mailing or for additional copies of this receipt). Postmark with Date of Receipt.										
USPS Tracking/Article Number	Addresssee (Name, Street, City, State, & ZIP Code™)	Postage	(Extra Service) Fee	Handling Charge	Actual Value if Registered	Insured Value	Due Sender if COD	ASR Fee	ASRD Fee	RD Fee	RR Fee	SC Fee	SCRD Fee	SH Fee
9. 9214 8901 9403 8304 6149 74	Hadlena K Lowenstein 201 Main Street Suite 400 Ft Worth TX 76102	0.49	3.45								1.50			
10. 9214 8901 9403 8304 6149 81	Jalapeño Corporation PO BOX 1608 Albuquerque NM 87103	0.49	3.45								1.50			
11. 9214 8901 9403 8304 6149 98	Jill D Robertson Copper Kettle #9 Wichita Falls TX 76308	0.49	3.45								1.50			
12. 9214 8901 9403 8304 6150 01	Johanna K Little 825 Glenchester Houston TX 77079	0.49	3.45								1.50			
13. 9214 8901 9403 8304 6150 18	Judith K Nix 103 Caltron Street Unit 4 Santa Fe NM 87501	0.49	3.45								1.50			
14. 9214 8901 9403 8304 6150 25	Louise Kadane and Michael L Gustafson Trustees of the 4-K Trust 3878 Oak Lawn Avenue Ste 575 Dallas TX 75219-4478	0.49	3.45								1.50			
15. 9214 8901 9403 8304 6150 32	Mary B Atteya 5455 La Sierra Drive Apt 612 Dallas TX 75231	0.49	3.45								1.50			
16. 9214 8901 9403 8304 6150 49	Mary D Hughes c/o Taylor Hughes Mason 5503 Mercedes Avenue Dallas TX 75206	0.49	3.45								1.50			
Total Number of Pieces Listed by Sender 34	Total Number of Pieces Received at Post Office 34	Postmaster, Per (Name of receiving employee)												



Firm Mailing Book For Accountable Mail

Name and Address of Sender Holland & Hart LLP 110 N Guadalupe St # 1 Santa Fe NM 87501		Check type of mail or service ☐ Adult Signature Required ☐ Adult Signature Restricted Delivery ☒ Certified Mail ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery (COD) ☐ Insured Mail ☐ Priority Mail ☐ Priority Mail Express ☐ Registered Mail ☐ Return Receipt for Merchandise ☐ Signature Confirmation ☐ Signature Confirmation Restricted Delivery		Affix Stamp Here (if issued as an international certificate of mailing or for additional copies of this receipt). Postmark with Date of Receipt.										
USPS Tracking/Article Number	Addresssee (Name, Street, City, State, & ZIP Code™)	Postage	(Extra Service) Fee	Handling Charge	Actual Value if Registered	Insured Value	Due Sender if COD	ASR Fee	ASRD Fee	RD Fee	RR Fee	SC Fee	SCRD Fee	SH Fee
17. 9214 8901 9403 8304 6150 56	MRC Delaware Resources LLC 5400 LBJ Freeway Suite 1500 Dallas TX 75240	0.49	3.45								1.50			
18. 9214 8901 9403 8304 6150 63	MRC Explorers Resources LLC 5400 LBJ Freeway Suite 1500 Dallas TX 75240	0.49	3.45								1.50			
19. 9214 8901 9403 8304 6150 70	MRC Spiral Resources LLC 5400 LBJ Freeway Suite 1500 Dallas TX 75240	0.49	3.45								1.50			
20. 9214 8901 9403 8304 6150 87	Nadel and Gussman Capitan LLC 15 East 5th Street Suite 3300 Tulsa OK 74103-4340	0.49	3.45								1.50			
21. 9214 8901 9403 8304 6150 94	Occidental Permian Limited Partnership aka Occidental Permian Ltd 5 Greenway Plaza Suite 110 Houston TX 77046-0521	0.49	3.45								1.50			
22. 9214 8901 9403 8304 6151 00	Petrobytes Inc PO BOX 1608 Albuquerque NM 87103-1608	0.49	3.45								1.50			
23. 9214 8901 9403 8304 6151 17	PrimeEnergy Corporation 9821 Katy Freeway Suite 1050 Houston TX 77024-6009	0.49	3.45								1.50			
24. 9214 8901 9403 8304 6151 24	Randolph C Smith 4523 Julian Drive Mesquite TX 75150-8209	0.49	3.45								1.50			
Total Number of Pieces Listed by Sender 34	Total Number of Pieces Received at Post Office 34	Postmaster, Per (Name of receiving employee)												



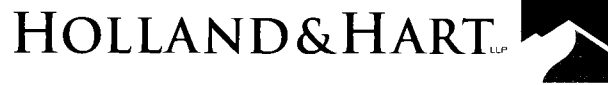
Firm Mailing Book For Accountable Mail

Name and Address of Sender		Check type of mail or service		Affix Stamp Here (if issued as an international certificate of mailing or for additional copies of this receipt). Postmark with Date of Receipt.												
USPS Tracking/Article Number		Addressee (Name, Street, City, State, & ZIP Code™)		Postage	(Extra Service) Fee	Handling Charge	Actual Value if Registered	Insured Value	Due Sender if COD	ASR Fee	ASRD Fee	RD Fee	RR Fee	SC Fee	SCRD Fee	SH Fee
25. 9214 8901 9403 8304 6151 31		Robert Kadane 900 Eighth Street Suite 620 Wichita Falls TX 76301		0.49	3.45								1.50			
26. 9214 8901 9403 8304 6151 48		Rodden Associates Ltd 2603 Augusta Suite 430 Houston TX 77057		0.49	3.45								1.50			
27. 9214 8901 9403 8304 6151 55		Rodden Exploration Co Ltd 2603 Augusta Suite 430 Houston TX 77057		0.49	3.45								1.50			
28. 9214 8901 9403 8304 6151 62		Rodden Participants Ltd 2603 Augusta Suite 430 Houston TX 77057		0.49	3.45								1.50			
29. 9214 8901 9403 8304 6151 79		S & C Construction Company PO BOX 1509 Whitefish MT 59937		0.49	3.45								1.50			
30. 9214 8901 9403 8304 6151 86		Sherrifive LP 812 Eagle Pointe Montgomery TX 77316		0.49	3.45								1.50			
31. 9214 8901 9403 8304 6151 93		Spinnaker Oil & Gas LP PO BOX 3488 Midland TX 79702		0.49	3.45								1.50			
32. 9214 8901 9403 8304 6152 09		The Eastland Oil Company PO BOX 3488 Midland TX 79702		0.49	3.45								1.50			
Total Number of Pieces Listed by Sender 34		Postmaster, Per (Name of receiving employee)														



Firm Mailing Book For Accountable Mail

[illegible]



Michael H. Feldewert
Recognized Specialist in the
Area of Natural Resources - Oil
and Gas Law - New Mexico
Board of Legal Specialization
mfeldewert@hollandhart.com

February 28, 2018

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO: ALL AFFECTED PARTIES

Re: Application of Matador Production Company for administrative approval to surface commingle (lease commingle) production from the spacing and proration units in Section 31, Township 18 South, Range 35 East, NMPM, Lea County, New Mexico.

Ladies and Gentlemen:

Enclosed is a copy of the above-referenced 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 application, please contact the following:

Sherri Gore
Matador Production Company
972-371-5467
SGore@matadorresources.com

Sincerely,

Michael H. Feldewert
ATTORNEY FOR
MATADOR PRODUCTION COMPANY

Holland & Hart LLP

Phone [505] 988-4421 Fax [505] 983-6043 www.hollandhart.com

110 North Guadalupe Suite 1 Santa Fe, New Mexico 87501 Mailing Address P.O. Box 2208 Santa Fe, NM 87504-2208

Aspen Boulder Carson City Colorado Springs Denver Denver Tech Center Billings Boise Cheyenne Jackson Hole Las Vegas Reno Salt Lake City Santa Fe Washington, D.C. ☎

HOLLAND & HART LLP



Michael H. Feldewert
Recognized Specialist in the
Area of Natural Resources - Oil
and Gas Law - New Mexico
Board of Legal Specialization
mfeldewert@hollandhart.com

February 28, 2018

Marilyn Gruebel
New Mexico State Land Office
P.O. Box 1148
Santa Fe, NM 87504-1148

Re: Application of Matador Production Company for administrative approval to surface commingle (lease commingle) production from the spacing and proration units in Section 31, Township 18 South, Range 35 East, NMPM, Lea County, New Mexico.

Dear Ms. Gruebel:

Enclosed is a copy of the above-referenced administrative 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.

Also enclosed is a fully completed and signed Application for Commingling and Off-Lease Storage for state trust lands along with a check from my office for the \$150 filing fee.

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

Sherri Gore
Matador Production Company
972-371-5467
SGore@matadorresources.com

Sincerely,

Michael H. Feldewert

**ATTORNEY FOR
MATADOR PRODUCTION COMPANY**

Holland & Hart LLP

Phone [505] 988-4421 Fax [505] 983-6043 www.hollandhart.com

110 North Guadalupe Suite 1 Santa Fe, New Mexico 87501 Mailing Address P.O. Box 2208 Santa Fe, NM 87504-2208

Aspen Boulder Carson City Colorado Springs Denver Denver Tech Center Billings Boise Cheyenne Jackson Hole Las Vegas Reno Salt Lake City Santa Fe Washington, D.C. ☏

**NEW MEXICO
STATE
LAND OFFICE**

**APPLICATION FOR
COMMINGLING AND OFF-LEASE STORAGE
ON STATE TRUST LANDS**



This application form is required for all commingling applications requiring approval by the Commissioner of Public Lands.

Applicant: Matador Production Company **OGRID #:** 228937
Well Name: AIRSTRIP 31 18 35 RN STATE COM #132H **API #:** 30-025-43816
Pool: AIRSTRIP BONE SPRING (CODE: 960)

OPERATOR NAME: MATADOR PRODUCTION COMPANY

OPERATOR ADDRESS: 5400 LBJ Freeway, STE 1500, Dallas, TX 75240

APPLICATION REQUIREMENTS – SUBMIT:

1. New Mexico Oil Conservation Division (NMOCD) application packet (or equivalent information if no application is required by NMOCD),
2. Commingling application fee of \$150.

CERTIFICATION: To the best of my knowledge,

- All business leases and rights-of-way necessary for conducting the proposed operation on State Trust lands have been applied for or obtained,
- The information submitted with this application is **accurate and complete**, and
- No loss will accrue to the state of New Mexico as a result of the proposed operation.

I also understand that **no action** will be taken on this application until the required information and fee are submitted to the State Land Office.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Sherri Gore
Print or Type Name

Sherri Gore
Signature

2/21/18
Date

972-371-5467
Phone Number

sgore@matadorresources.com
e-mail Address

Submit application to:
Commissioner of Public Lands
Attn: Commingling Manager
PO Box 1148
Santa Fe, NM 87504-1148

Questions?
Contact the Commingling Manager:
505.827.5791

Upon approval, the requesting organization will receive an acknowledgment letter from the Commissioner of Public Lands.