RECEIVED:	REVIEWER:	TYPE:	APP NO:
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	ABOVE	THIS TABLE FOR OCD DIVISION USE ON	iy iy

NEW MEXICO OIL CONSERVATION DIVISION
- Geological & Enaineering Ruroau



- Geological & Engli	ineering Bureau –
1220 South St. Francis Drive	re, Santa Fe, NM 87505
ADMINISTRATIVE APP	PLICATION CHECKLIST
	TIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND
Applicant: Matador Production Company	OGRID Number: <sup>228937</sup>
Well Name: Garrett State Com 121H, 201H, 215H & 221H	API: 30-015-44751, 30-015-44418, 30-015-44458 & 30-015-4
Pool: Pierce Crossing; Bone Spring East Pool and the Purple Sage; Wolfcan	amp (Gas) Pool Code: 96473 & 98220
	N REQUIRED TO PROCESS THE TYPE OF APPLICATIO
1) TYPE OF APPLICATION: Check those which app A. Location – Spacing Unit – Simultaneous De NSL NSP(PROJECT AREA)	· · · · · · · · · · · · · · · · · · ·
B. Check one only for [1] or [1]  [1] Commingling - Storage - Neasurement DHC CTB PLC PC  [11] Injection - Disposal - Pressure Increase WFX PMX SWD IPI  2) NOTIFICATION REQUIRED TO: Check those which A. Offset operators or lease holders  B. Royalty, overriding royalty owners, revected. Application requires published notice D. Notification and/or concurrent approved. Notification and/or concurrent approved. Surface owner  G. For all of the above, proof of notification H. No notice required  3) CERTIFICATION: I hereby certify that the information administrative approval is accurate and complete the above of the storage of the stor	DLS OLM  Se - Enhanced Oil Recovery  Chapply.  Senue owners  Val by SLO Val by BLM  Content Complete  Complete
understand that <b>no action</b> will be taken on this on the notifications are submitted to the Division.	
Note: Statement must be completed by an indiv	vidual with managerial and/or supervisory capacity.
	March 23, 2018
Michael H. Feldewert	Date
Print or Type Name	
$C \cap C \cap C$	505-988-4421
MV 11 11/1	Phone Number
1 would to talkeren	mfeldewert@hollandhart.com
Signature	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

March 23, 2018

MAR 23 2018 AH11:47

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

VIA HAND DELIVERY

Re: Application of Matador Production Company to authorize pool commingling, off-lease storage and off-lease marketing at the Garrett Tank Battery located in the NW/4 NW/4 (Unit D) of Section 32, Township 24 South, Range 29 East, NMPM, Eddy 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 for pool commingling, off-lease storage and off-lease marketing at the Garrett Tank Battery of production from the Pierce Crossing; Bone Spring East Pool (96473) and the Purple Sage; Wolfcamp (Gas) Pool (98220) produced from *all existing and future wells* drilled in the following "leases:"

- (a) The 160.74-acre spacing and proration unit comprised of the N/2 N/2 of Section 32, which is currently dedicated to the Garrett State Com 121H (API No. 30-015-44751);
- (b) The 321.42-acre spacing and proration unit comprised of the N/2 Section 32, which is currently dedicated to the Garrett State Com 201H (API No. 30-015-44418), the Garrett State Com 215H (API No. 30-015-44458), and the Garrett State Com 221H (API No. 30-015-44256); and
- (c) Pursuant to NMAC 19.15.12.10.C(4)(g), future spacing and proration units connected to this central tank battery with notice provided only to the interest owners within these future "leases."

Oil and gas production from these "leases" will be commingled and sold at the Garrett State Com Tank Battery located in the NW/4 NW/4 (Unit D) of Section 32. 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 1** is a land plat showing Matador's current development plan, the central tank batter ("production facility") and the gathering line in the subject area;

**Exhibit 2** contains the C-102s for each well currently planned or drilled for the subject leases. There are no available six-month production reports for these wells.

**Exhibit 3** contains a completed Application for Surface Commingling (Diverse Ownership) 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 detailed schematic of the surface facilities (attachment A to the statement) and a referenced gas sample (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, 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, and proof of mailing.

Since state lands are involved, a copy of this application has been provided to the New Mexico State Land Office.

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

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)	was a second of the second of				
OPERATOR NAME: Matador Production Company								
OPERATOR ADDRESS: 5400 LBJ Freeway, STE 1500, Dallas, TX 75240								
APPLICATION TYPE:								
☑ Pool Commingling ☐ Lease Commingling	ng Pool and Lease Co	mmingling	torage and Measurement (Only if not Surfa	ce Commingled)				
	State  Fede							
Is this an Amendment to existing Order Have the Bureau of Land Management Yes No				ningling				
		OL COMMINGLING ts with the following inf						
(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production	Calculated Value of Commingled Production	Volumes				
Willow Lake; Bone Spring (50391)	1,242 BTU/scf							
	46.5°	1,222 BTU/scf	\$2.55/mcf (Feb 2018 pricing)	10,050 mcfd				
Purple Sage; Wolfcamp (Gas) (98220)	1,220 BTU/scf	46.8°	\$61.72/bbl (Fed 2018 pricing -	2,500 bopd				
	46.9°		deemed sweet/40°)					
	y certified mail of the pro Other (Specify) of production? Yes  (B) LEA	⊠No If "yes", describe						
	Please attach sheet	ts with the following inf	ormation					
<ul><li>(1) Pool Name and Code See Above</li><li>(2) Is all production from same source of</li></ul>	summly? [] Yes [V]N	lo		Tops company				
(3) Has all interest owners been notified by (4) Measurement type: ☑ Metering ☐	certified mail of the prop		¥Yes □No					
	(C) POOL and Please attach sheet	LEASE COMMING	GLING					
(1) Complete Sections A and E.								
(I		ORAGE and MEAS						
(1) Is all production from same source of	supply? 🗌 Yes 🖾 N							
(2) Include proof of notice to all interest of	wners.							
(E) AI		DRMATION (for all a		Bladed to deal to control of the con				
(1) A schematic diagram of facility, include	Control of the Contro							
<ul> <li>(2) A plat with lease boundaries showing.</li> <li>(3) Lease Names, Lease and Well Number</li> </ul>	•	ions. Include lease numbers	s if Federal or State lands are involved.					
I hereby certify that the information above is	true and complete to the			2/14/18				
SIGNATURE:	(2000) - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 -	TITLE: Area Pro	oduction Manager DATE:	2117 [ 1 ]				
TYPE OR PRINT NAME John Romano	* Name of the Control	TH	ELEPHONE NO.: 972-371-5245	·				
E-MAIL ADDRESS: jromano@matadorre	sources.com		100 Vol.d HMMHAMMAMAA seeded	EXHIBIT				

### 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

John Romano Area Production Manager

March 14, 2018

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

Re: Application of Matador Production Company for the spacing units comprised of the N/2 of Section 32, Township 24 South, Range 29 East, NMPM, Eddy 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 four (4) 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**, the Longwood Gathering line. 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. Longwood Gathering 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.

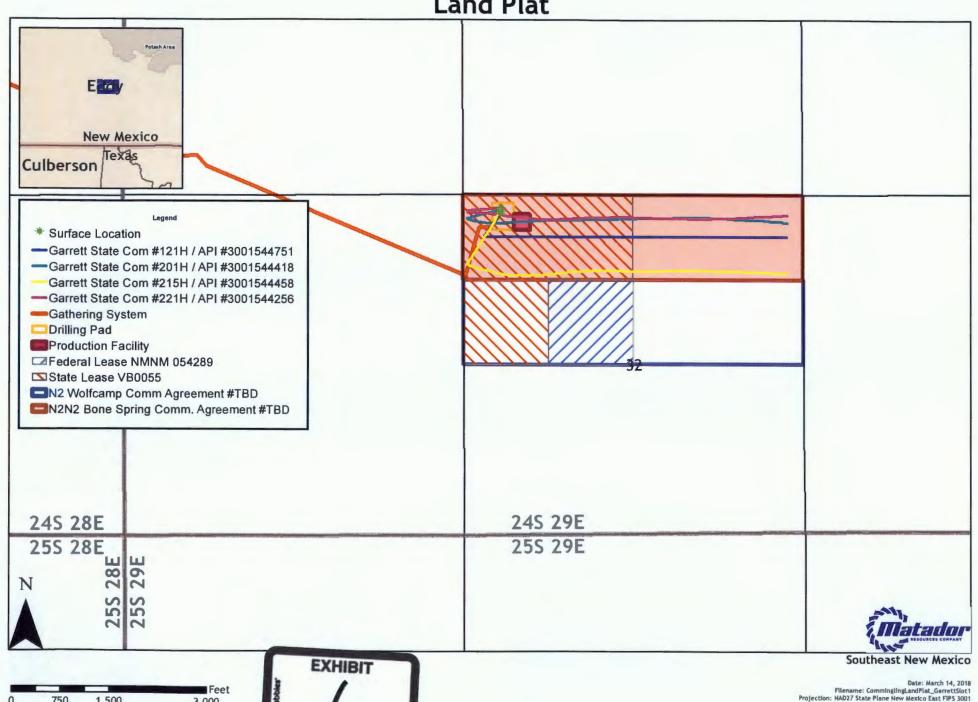
Very truly yours,

MATADOR PRODUCTION COMPANY

John Romano

Area Production Manager

## **Garrett State Com Land Plat**



750

1,500

3,000

**PHINA** 

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 <u>District IV</u> 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

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

 $\mathbf{x}$ 

AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number	<sup>1</sup> Pool Code	<sup>3</sup> Pool Name	
30-015-44418	<i>ଏ୫୫୫ତ</i>	Purple Songe ; Wolfcomp (Gas)	
Property Code 319473	GA	'Property Name RRETT STATE COM	Well Number #201H
'OGRID No. 228937	MATADOR	Operator Name PRODUCTION COMPANY	<sup>1</sup> Elevetion 2938'

10 Surface Location East/West lin North/South line Feet from the Feet from the Township Lot Ida UL or lot no. Section Range D 32 24-S 29-E 250 NORTH 570' WEST **EDDY** 

UL or lot no.	Section 32	Township <b>24-S</b>	29-E	Lot lidn	Feet from the	North/South line NORTH	Feet from the 240'	East/West filter EAST	EDDY
<sup>12</sup> Dedicated Acres 321.42	13 Joint or I	nBH <sup>14</sup> Co	nsolidation Code	13Order	r 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.

<sup>17</sup>OPERATOR CERTIFICATION .330 3.00 · 250' certify that the infor unioused mineral interest in the land except 12:30.16 hate location or has a right to drill this well at this AZ = 251.72 LAST PERFORATION POINT FIRST PERFORATION POINT NEW MEXICO EAST NEW MEXICO EAST BOTTOM HOLE LOCATION NAD 1927 NAD 1927 **NEW MEXICO EAST** X=603543 X=598928 NAD 1927 Y=429391 Y=429378 X=803633 LAT.: N 32.1801077 LAT.: N 32.1800339 Y=429378 LONG.: W 104.0135780 LONG.: W 103.9986820 LAT.: N 32.1800324 NAD 1983 LONG.: W 103.9983711 NAD 1983 bris Carleton X=640113 X=644728 NAD 1983 Y=429449 Y=429436 X=644818 LAT.: N 32.1801571 LAT.; N 32.1802307 Y=429436 LONG.: W 104.0140664 LONG.: W 103.9991498 clarleton@matadorresources.com LAT.: N 32.1801557 LONG.: W 103.9988589 18SURVEYOR CERTIFICATION **NEW MEXICO EAST** hereby certify that the well location shown on this NAD 1927 pint was plotted from field notes of actual surveys X=599168 made by me or under my supervision, and that the Y=429470 me is true to the best of my belief LAT.: N 32.1803234 LONG.: W 104.0128025 NAD 1983 X=640352 Y=429528 201 LAT.: N 32.1804464 LONG.: W 104.0132908 18829 CIVAT S SURVEY VIVALIMON, RESOURCESTIABLE IT FED JOHN 2011/FINAL PRODUCTS TO GARRETT FED COM JOHN REVLOWG AV 2/2017 TO 50 02 AM JOHN District I
(625 N French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Pax: (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., Same 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

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

MP

X AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Pool Code	<sup>3</sup> Pool Name	
96473	PIERCE CROSSING; BONE SPRING, EAST	
3P	roperty Name	<sup>6</sup> Well Number
GARRET	IT STATE COM	#121H
O	perator Name	Elevation
MATADOR PRO	DUCTION COMPANY	2938'
	98473 GARRET	

10 Surface Location UL or lot no. Feet from th Section Township Renge Lat Ide North/South line Feet from the East/West lin County 24-S D 32 29-E 310 NORTH 570' WEST **EDDY** 

UL or lot no.	Section	Tawnship	Range	Lot film	Feet from Hee	North/South line	Feet from the	East/West line	County
A	32	24-S	29-E		660'	NORTH	240'	EAST	EDDY
<sup>12</sup> Dedicated Acres 160.74	<sup>33</sup> Joint or I	nfill 14C	onsolidation Co	le <sup>13</sup> Ord	er 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.

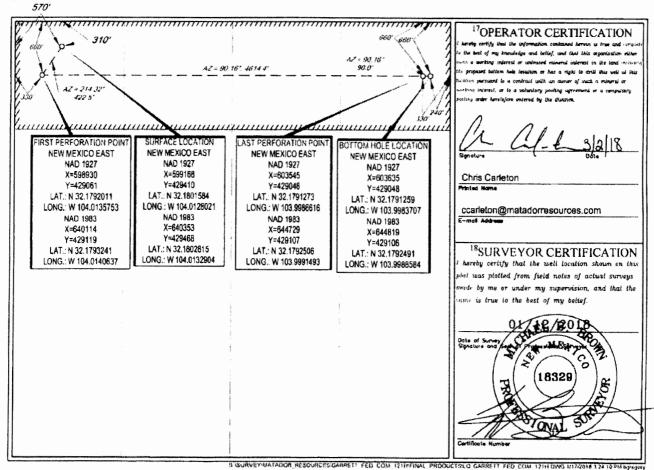


EXHIBIT 2

# 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

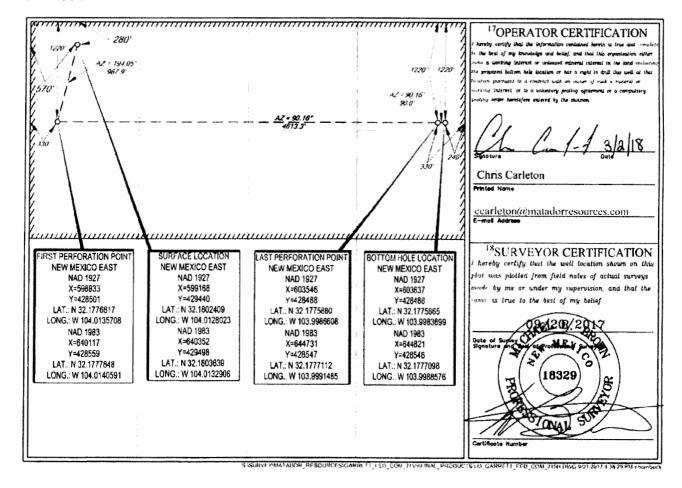
NP

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT							
<sup>4</sup> API Numb 30-015-44458	er <sup>1</sup> Pool Code 98220	PURPLE SAGE; WOLFCAMP (GAS)					
Property Code	l .	<sup>5</sup> Property Name GARRETT STATE COM					
OGRID No. 228937	1	Operator Name ODUCTION COMPANY	'Elevation 2939'				

	1						-	1	
					<sup>10</sup> Surface Lo	cation			<del></del>
Ut, or let no.	t .	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	32	24-S	29-E	-	280'	NORTH	570'	WEST	EDDY
UL er lat no.		Tawnship	Range	Let idn	Feet from the	North/South line	Feet from the	East/West line	County
A	32	24-S	29-E		1220'	NORTH	240'	EAST	EDDY
Dedicated Acres	i Joint or t	nfill 1.Co	nsolidation Code	15Order	No.				
321.42									

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.



District 1
1625 N. French Dr., Hobbs, N.M. 88240
Phone (575) 393-6161 Fax (575) 393-0720
District II
811 S. First St., Artesta, N.M. 88210
Phone (575) 748-1283 Fax (575) 748-9720
District III
1000 Rin Brazos Road, Aztec, N.M. 87410
Phone (505) 334-6178 Fax. (505) 334-6170
District IV
1220 S. Si. Franchs Dr., Sante Pe, N.M. 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

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

**AMENDED REPORT** 

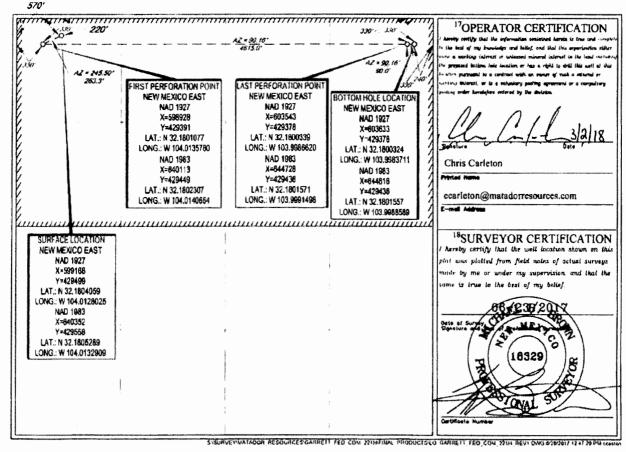
WELL LOCATION AND ACREAGE DEDICATION PLAT

30-015-442	56	•	9822	20		PURPLE SAGE; WOLFCAMP (GAS)					
Pronesty (	ode	SProperty Name GARRETT STATE COM							Well Number		
228937	No.	range can garante valori de prima de caracterio de la composition de la composition de la composition de la co	M	ATADOR	Operator Na	ION COMPAN	1	Elevation 2938			
					10 Surface Loc	ation					
UL or let no.	Section 32	Towaship 24-S	Range 29-E	Loi Idn	Feet from the 220'	North/South line NORTH	Fact from the 570'	Emil/West tine WEST	EDDY EDDY		
UL or lot na.	Section	Township	Kamer 20_E	Lat Idn	Feet from the	North/South liar	Fret from the	East/West fine	County		

A 32 24-S 29-E - 330' NORTH 240' EAST EDDY

| County | Co

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.



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

For: Matador Production Company

One Lincoln Centre

5400 LBJ Freeway, Suite 1500

Dallas, Texas 75240

Sample: Garrett Com No. 201H

First Stage Separator

Spot Gas Sample @ 557 psig & 124 °F

Date Sampled: 02/08/2018 Job Number: 81463.001

#### CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286

COMPONENT	MOL%	GPM
Hydrogen Sulfide*	< 0.001	
Nitrogen	0.993	
Carbon Dioxide	0.092	
Methane	78.353	
Ethane	12.371	3.301
Propane	5.258	1.445
Isobutane	0.599	0.196
n-Butane	1.323	0.416
2-2 Dimethylpropane	0.010	0.004
Isopentane	0.240	0.088
n-Pentane	0.277	0.100
Hexanes	0.200	0.082
Heptanes Plus	0.284	0.122
Totals	100.000	5.755

#### Computed Real Characteristics Of Heptanes Plus:

Specific Gravity	3.544	(Air=1)
Molecular Weight	102.27	
Gross Heating Value	5321	BTU/CF

#### Computed Real Characteristics Of Total Sample:

Specific Gravity	0.724	(Air=1)
Compressibility (Z)	0.9964	
Molecular Weight	20.88	
Gross Heating Value		
Dry Basis	1252	BTU/CF
Saturated Basis	1231	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) McCollum Certified: FESCO, Ltd. - Alice, Texas

Analyst: NG Processor: NG Cylinder ID: X-0287

David Dannhaus 361-661-7015

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

COMPONENT	MOL %	GPM	WT %
Hydrogen Sulfide*	< 0.001		< 0.001
Nitrogen	0.993		1.332
Carbon Dioxide	0.092		0.194
Methane	78.353		60.189
Ethane	12.371	3.301	17.813
Propane	5.258	1.445	11.103
Isobutane	0.599	0.196	1.667
n-Butane	1.323	0.416	3.682
2,2 Dimethylpropane	0.010	0.004	0.035
Isopentane	0.240	0.088	0.829
n-Pentane	0.277	0.100	0.957
2,2 Dimethylbutane	0.004	0.002	0.017
Cyclopentane	0.024	0.010	0.081
2,3 Dimethylbutane	0.000	0.000	0.000
2 Methylpentane	0.060	0.025	0.248
3 Methylpentane	0.032	0.013	0.132
n-Hexane	0.080	0.033	0.330
Methylcyclopentane	0.034	0.012	0.137
Benzene	0.005	0.001	0.019
Cyclohexane	0.037	0.013	0.149
2-Methylhexane	0.010	0.005	0.048
3-Methylhexane	0.011	0.005	0.053
2,2,4 Trimethylpentane	0.000	0.000	0.000
Other C7's	0.029	0.013	0.138
n-Heptane	0.025	0.012	0.120
Methylcyclohexane	0.034	0.014	0.160
Toluene	0.007	0.002	0.031
Other C8's	0.033	0.015	0.174
n-Octane	0.011	0.006	0.060
Ethylbenzene	0.001	0.000	0.005
M & P Xylenes	0.005	0.002	0.025
O-Xylene	0.001	0.000	0.005
Other C9's	0.015	0.008	0.091
n-Nonane	0.005	0.003	0.031
Other C10's	0.009	0.005	0.061
n-Decane	0.005	0.003	0.034
Undecanes (11)	0.007	<u>0.004</u>	<u>0.050</u>
Totals	100.000	5.755	100.000

#### Computed Real Characteristics of Total Sample

Specific Gravity	0.724	(Air=1)
Compressibility (Z)	0.9964	
Molecular Weight	20.88	
Gross Heating Value		
Dry Basis	1252	BTU/CF

Saturated Basis ----- 1231 BTU/CF

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

Sample: Garrett Com No. 201H First Stage Separator

Spot Gas Sample @ 557 psig & 124 °F

Date Sampled: 02/08/2018 Job Number: 81463.001

#### **GLYCALC FORMAT**

COMPONENT	MOL%	GРM	Wt %
Carbon Dioxide	0.092		0.194
Hydrogen Sulfide	< 0.001		< 0.001
Nitrogen	0.993		1.332
Methane	78.353		60.189
Ethane	12.371	3.301	17.813
Propane	5.258	1.445	11.103
Isobutane	0.599	0.196	1.667
n-Butane	1.333	0.420	3.717
Isopentane	0.240	0.088	0.829
n-Pentane	0.277	0.100	0.957
Cyclopentane	0.024	0.010	0.081
n-Hexane	0.080	0.033	0.330
Cyclohexane	0.037	0.013	0.149
Other C6's	0.096	0.040	0.397
Heptanes	0.109	0.045	0.496
Methylcyclohexane	0.034	0.014	0.160
2,2,4 Trimethylpentane	0.000	0.000	0.000
Benzene	0.005	0.001	0.019
Toluene	0.007	0.002	0.031
Ethylbenzene	0.001	0.000	0.005
Xylenes	0.006	0.002	0.030
Octanes Plus	<u>0.085</u>	<u>0.044</u>	<u>0.501</u>
Totals	100.000	5.755	100.000

#### Real Characteristics Of Octanes Plus:

Specific Gravity	4.267	(Air=1)
Molecular Weight	123.16	
Gross Heating Value	6424	BTU/CF

## Real Characteristics Of Total Sample: Specific Gravity ------ 0.724 (Air=1)

Specific Gravity	 0.724	(A)r=1)
Compressibility (Z)	 0.9964	
Molecular Weight	 20.88	
Gross Heating Value		
Dry Basis	 1252	BTU/CF
Saturated Basis	 1231	BTU/CF

#### Garrett State Com 121H, et al. Interested Parties

Company	Address	City	State	Zip
Chisholm Energy Operating, LLC	801 Cherry Street, Suite 1200 – Unit 20	Fort Worth	TX	76102
CML Exploration, LLC	P.O. Box 890	Snyder	TX	79550
Patterson Petroleum LLC c/o CML Exploration, LLC	P.O. Box 890	Snyder	TX	79550
JKS Resources, LLC	1200 W. 4th Street	Roswell	NM	88201
Fred M. Nelson Farms	3755 E. Grand Plains Rd.	Roswell	NM	88203
Exxon Mobil Corporation	810 Houston Street	Fort Worth	TX	76102
Nearburg Producing Company	P.O. Box 823085	Dallas	TX	75382
Nearburg Exploration Company, LLC	P.O. Box 823085	Dallas	TX	75382
Ross Duncan Properties LLC	PO Box 647	Artesia	NM	88211
Big Three Energy Group, LLC	PO Box 429	Roswell	NM	88202
XPLOR Resources, LLC	1104 N. Shore	Carlsbad	NM	88220
American Indian Youth-Running Strong	8815 Telegraph Road	Lorton	VA	22079
Bettis Brothers, LP	500 W. Texas Avenue, Suite 830	Midland	TX	79701
Eau Rouge LLC	801 Cherry Street, Suite 1200 – Unit 20	Fort Worth	TX	76102
EOG Resources Inc.	P.O. Box 2267	Midland	TX	79702
L.E. Oppermann and wife, Nicolette A. Oppermann	1505 Neely	Midland	TX	79705
Morris E. Schertz	P.O. Drawer 2588	Roswell	NM	88201
Rolla R. Hinkle III	P.O. Box 2292	Roswell	NM	88202
Madison M. Hinkle	P.O. Box 2292	Roswell	NM	88202
Thomas R. Smith	1505 S. County Road 1130	Midland	TX	79701
Wells Fargo Bank, NA, Trustee of the John Saleh Charitable Foundation	P.O. Box 1959	Midland	TX	79702



#### **Shipment Confirmation Acceptance Notice**

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.

Shipment Date: 03/21/2018

Shipped From:

Name: HOLLAND & HART LLP

Address: \_\_110 N GUADALUPE ST # 1

City:\_SANTA FE

State: NM ZIP+4® 87501

Garrett State Com 121H 201H 215H 221H - Interested Parties MRC Permian 83379.0001

Type of Mail	Volume
Priority Mail Express®*	
Priority Mail®	0
First-Class Package Service®	
Returns	
International*	
Other	21
Total	21

<sup>\*</sup>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

Scan or enter the barcode/label number from PS Form 5630

Confirm the volume count message by selecting Yes or No
 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** 

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vice	Adult Signature Required  Adult Signature Restricted Delivery   Registered Mail  K Certified Mail  Certified Mail Restricted Delivery Merchandise  Collect on Delivery (COD)  Signature Confirmation  Insured Mail  Restricted Delivery	Addressee (Name, Street, City, State, & ZIP Code 14)	Ross Duncan Properties LLC PO BOX 647 Artesia NM 88211	Big Three Energy Group LLC PO BOX 429 Roswell NM 88202	XPLOR Resources LLC 1104 N Shore Carlsbad NM 88220	American Indian Youth-Running Strong 8815 Telegraph Road Lorton VA 22079	Bettis Brothers LP 500 W Texas Avenue Suite 830 Midland TX 79701	Eau Rouge LLC 801 Cherry Street Suite 1200 ? Unit 20 Fort Worth TX 75102	EOG Resources Inc PO BOX 2267 Midland TX 79702	L E Oppermann and wife Nicolette A Oppermann 1505 Neely Midland TX 79705	Postmaster, Per (Name of receiving employee)
Name and Address of Sender	Holland & Hart LLP 110 N Guadalupe St # 1 Santa Fe NM 87501	USPS Tracking/Article Number	9. 9214 8901 9403 8305 0765 28	10. 9214 8901 9403 8305 0765 35	11. 9214 8901 9403 8305 0765 42	12. 9214 8901 9403 8305 0765 59	13. 9214 8901 9403 8305 0765 66	14. 9214 8901 9403 8305 0765 73	15. 9214 8901 9403 8305 0765 80	16. 9214 8901 9403 8305 076 <del>5</del> 97	Total Number of Pieces Listed by Sender  Received at Post Office 21

(Page 2 of 3) PS Form **3877**, April 2015 PSN 7530-02-000-9098

Complete in Ink

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

March 23, 2018

#### <u>CERTIFIED MAIL</u> RETURN RECEIPT REQUESTED

TO: ALL AFFECTED PARTIES

Re: Application of Matador Production Company to authorize pool commingling, off-lease storage and off-lease marketing at the Garrett Tank Battery located in the NW/4 NW/4 (Unit D) of Section 32, Township 24 South, Range 29 East, NMPM, Eddy 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

Michael H. Feldewert

**ATTORNEY FOR** 

Sincerely

MATADOR PRODUCTION COMPANY



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

March 23, 2018

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

Re: Application of Matador Production Company to authorize pool commingling, off-lease storage and off-lease marketing at the Garrett Tank Battery located in the NW/4 NW/4 (Unit D) of Section 32, Township 24 South, Range 29 East, NMPM, Eddy 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

Michael H. Feldewert

ATTORNEY FOR

MATADOR PRODUCTION COMPANY

#### 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: GARRETT STATE COM #221H, #2	15H, #201H, #121H API #: See Attached
Pool: Purple Sage: Wolfcamp (GAS) & Willow Lake	
OPERATOR NAME: Matador Production Compar	ny
OPERATOR ADDRESS: 5400 LBJ Freeway, STE	1500, Dallas, TX 75240
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 ne lands have been applied for or obtained  • The information submitted with this appl  • No loss will accrue to the state of New N	ecessary for conducting the proposed operation on State Trust lication is accurate and complete, and Mexico as a result of the proposed operation.
I also understand that <b>no action</b> will be take submitted to the State Land Office.	en on this application until the required information and fee are
Note: Statement must be completed by a	n individual with managerial and/or supervisory capacity.
Sherri Gore	
Print or Type Name	
Signature )	972-371-5467 Phone Number
3/15/18 Date	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.