

| | | | |
|-------------------------|------------------|-------------|----------------------------|
| RECEIVED: 11/13/2018 | REVIEWER: MAM | TYPE: PL | APP NO: PMAM18317 40571 |
|-------------------------|------------------|-------------|----------------------------|

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: Charles Ling Fed 211H **API:** 30-025-44918
Pool: Antelope Ridge; Wolfcamp **Pool Code:** 2220

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

FOR OCD ONLY

- 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

| | |
|--------------------------|------------------------------|
| <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.

Brian Fancher
 Print or Type Name

Brian Fancher
 Signature

11/13/2018
 Date

972-371-5242
 Phone Number

bfanher@matadorresources.com
 e-mail Address

Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

| | | |
|--|--|--|
| SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) | | WELL API NO. 30-025-44918 |
| 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> | | 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/> |
| 2. Name of Operator Matador Production Company | | 6. State Oil & Gas Lease No. 321609 |
| 3. Address of Operator One Lincoln Centre, 5400 LBJ Fwy., Ste 1500, Dallas, TX 75240 | | 7. Lease Name or Unit Agreement Name Carl Mottek Fed |
| 4. Well Location Unit Letter <u>D</u> : <u>326</u> feet from the <u>North</u> line and <u>380</u> feet from the <u>West</u> line Section <u>17</u> Township <u>24S</u> Range <u>34E</u> NMPM County <u>Lea</u> | | 8. Well Number <u>211H</u> |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) | | 9. OGRID Number <u>228937</u> |
| | | 10. Pool name or Wildcat Antelope Ridge;Wolfcamp (2220) |

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|--|---|--|--|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> | P AND A <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | MULTIPLE COMPL <input type="checkbox"/> | CASING/CEMENT JOB <input type="checkbox"/> | |
| DOWNHOLE COMMINGLE <input type="checkbox"/> | | | |
| CLOSED-LOOP SYSTEM <input type="checkbox"/> | | | |
| OTHER: Surface commingle <input checked="" type="checkbox"/> | | OTHER: <input type="checkbox"/> | |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Pursuant to 19.15.12.10. B., Matador Production Company requests approval to surface commingle production from the Carl Mottek Fed. 211H (API No. 30-025-44918), Carl Mottek Fed. 215H (API No. 30-025-44919), Carl Mottek Fed. 125H (API No. 30-025-44937), Carl Mottek Fed. 121H (API No. 30-025-44936), and Carl Mottek Fed 101H (API No. 30-025-44917) at a central tank battery located "on-lease". The ownership of this lease is identical, as defined in 19.15.12.7.

The Carl Mottek Fed 211H and 215H will be completed in the Antelope Ridge;Wolfcamp Pool (2220). The Carl Mottek Fed 101H, 121H, and 125H will be completed in the Red Hills;Bone Spring, North Pool (96434).

Please see the attached memorandum, map, facility diagram, example gas analysis, and C-102s for further information.

Spud Date:

Rig Release Date:

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

SIGNATURE

Cassie Hahn

TITLE Landman

DATE 11/8/2018

Type or print name

Cassie Hahn

E-mail address: chahn@matadorresources.com

PHONE: 972-371-5440

For State Use Only

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):

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
Senior Production Engineer

November 13, 2018

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

Re: Application of Matador Production Company for administrative approval to surface commingle (pool commingle) gas and oil production from the spacing units comprised of the W/4 of Section 17, Township 24 South, Range 34 East, NMPM, Lea County, New Mexico (the “Lands”)

To Whom This May Concern,

Matador Production Company (“Matador”), OGRID: 228937, requests to commingle future oil and gas production from five (5) 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.

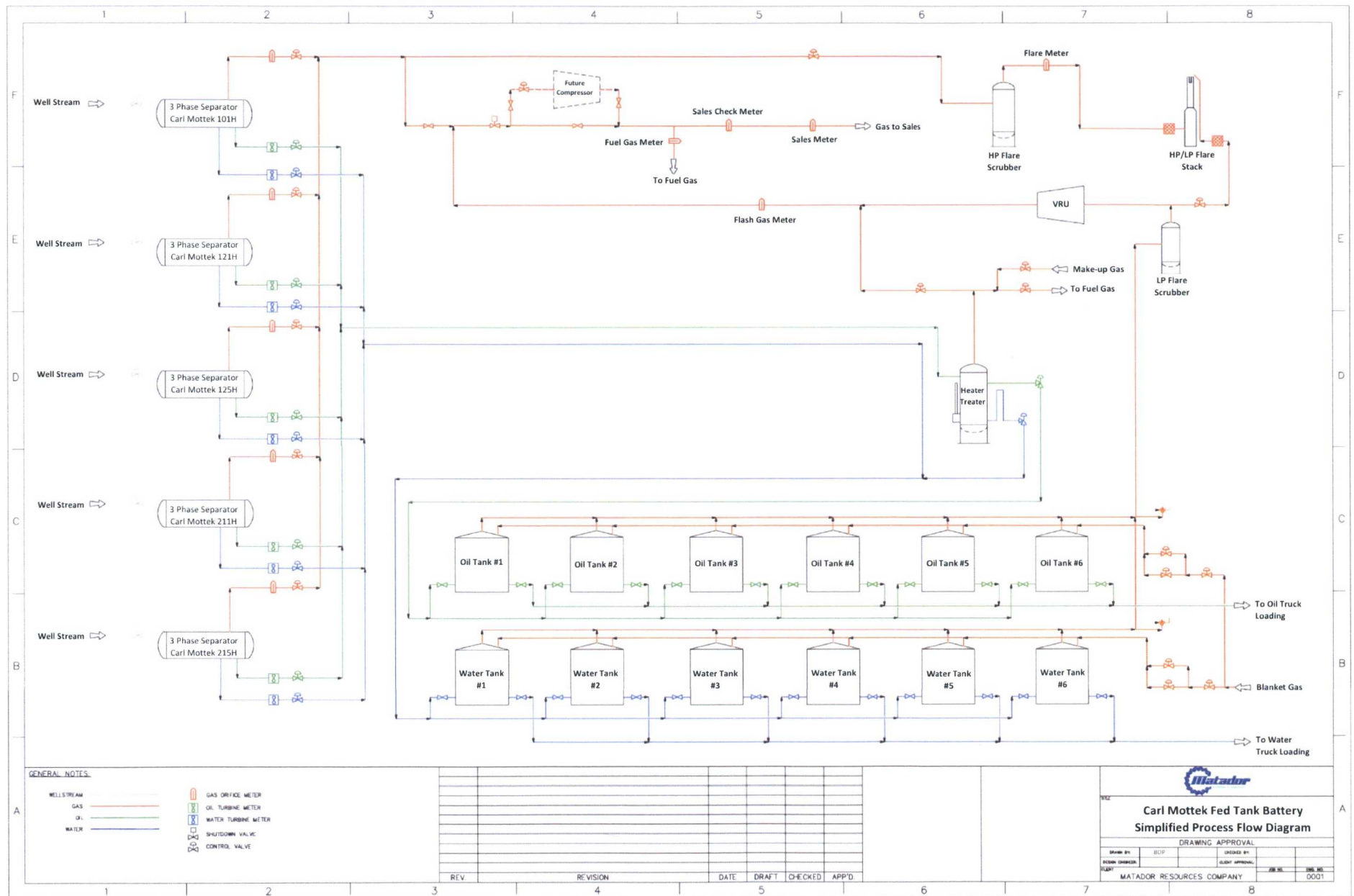
Very truly yours,

MATADOR PRODUCTION COMPANY

A handwritten signature in blue ink, appearing to read "B. Peterson", with a stylized flourish at the end.

Benjamin D. Peterson
Sr. Production Engineer

Attachment "A"



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

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

Sample: Leo Thorsness 13 24 33 No. 211H
First Stage Separator
Spot Gas Sample @ 450 psig & 101 °F

Date Sampled: 03/13/18

Job Number: 81845.001

CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286

| COMPONENT | MOL% | GPM |
|---------------------|--------------|--------------|
| Hydrogen Sulfide* | < 0.001 | |
| Nitrogen | 1.240 | |
| Carbon Dioxide | 0.128 | |
| Methane | 78.642 | |
| Ethane | 11.808 | 3.151 |
| Propane | 4.997 | 1.374 |
| Isobutane | 0.564 | 0.184 |
| n-Butane | 1.322 | 0.416 |
| 2-2 Dimethylpropane | 0.012 | 0.005 |
| Isopentane | 0.254 | 0.093 |
| n-Pentane | 0.313 | 0.113 |
| Hexanes | 0.225 | 0.092 |
| Heptanes Plus | <u>0.495</u> | <u>0.206</u> |
| Totals | 100.000 | 5.634 |

Computed Real Characteristics Of Heptanes Plus:

Specific Gravity ----- 3.460 (Air=1)
Molecular Weight ----- 99.86
Gross Heating Value ----- 5137 BTU/CF

Computed Real Characteristics Of Total Sample:

Specific Gravity ----- 0.727 (Air=1)
Compressibility (Z) ----- 0.9964
Molecular Weight ----- 20.98
Gross Heating Value
Dry Basis ----- 1250 BTU/CF
Saturated Basis ----- 1229 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) Dawson O
Analyst: MR
Processor: HH
Cylinder ID: T-1882

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 | 1.240 | | 1.656 |
| Carbon Dioxide | 0.128 | | 0.269 |
| Methane | 78.642 | | 60.143 |
| Ethane | 11.808 | 3.151 | 16.927 |
| Propane | 4.997 | 1.374 | 10.505 |
| Isobutane | 0.564 | 0.184 | 1.563 |
| n-Butane | 1.322 | 0.416 | 3.663 |
| 2,2 Dimethylpropane | 0.012 | 0.005 | 0.041 |
| Isopentane | 0.254 | 0.093 | 0.874 |
| n-Pentane | 0.313 | 0.113 | 1.077 |
| 2,2 Dimethylbutane | 0.003 | 0.001 | 0.012 |
| Cyclopentane | 0.000 | 0.000 | 0.000 |
| 2,3 Dimethylbutane | 0.022 | 0.009 | 0.090 |
| 2 Methylpentane | 0.067 | 0.028 | 0.275 |
| 3 Methylpentane | 0.036 | 0.015 | 0.148 |
| n-Hexane | 0.097 | 0.040 | 0.399 |
| Methylcyclopentane | 0.044 | 0.015 | 0.177 |
| Benzene | 0.023 | 0.006 | 0.086 |
| Cyclohexane | 0.077 | 0.026 | 0.309 |
| 2-Methylhexane | 0.014 | 0.006 | 0.067 |
| 3-Methylhexane | 0.017 | 0.008 | 0.081 |
| 2,2,4 Trimethylpentane | 0.000 | 0.000 | 0.000 |
| Other C7's | 0.044 | 0.019 | 0.208 |
| n-Heptane | 0.040 | 0.018 | 0.191 |
| Methylcyclohexane | 0.067 | 0.027 | 0.314 |
| Toluene | 0.025 | 0.008 | 0.110 |
| Other C8's | 0.056 | 0.026 | 0.294 |
| n-Octane | 0.020 | 0.010 | 0.109 |
| Ethylbenzene | 0.003 | 0.001 | 0.015 |
| M & P Xylenes | 0.010 | 0.004 | 0.051 |
| O-Xylene | 0.002 | 0.001 | 0.010 |
| Other C9's | 0.026 | 0.013 | 0.156 |
| n-Nonane | 0.007 | 0.004 | 0.043 |
| Other C10's | 0.013 | 0.008 | 0.088 |
| n-Decane | 0.003 | 0.002 | 0.020 |
| Undecanes (11) | <u>0.004</u> | <u>0.002</u> | <u>0.029</u> |
| Totals | 100.000 | 5.634 | 100.000 |

Computed Real Characteristics of Total Sample

| | | |
|---------------------------|--------|---------|
| Specific Gravity ----- | 0.727 | (Air=1) |
| Compressibility (Z) ----- | 0.9964 | |
| Molecular Weight ----- | 20.98 | |
| Gross Heating Value | | |
| Dry Basis ----- | 1250 | BTU/CF |
| Saturated Basis ----- | 1229 | BTU/CF |

FESCO, Ltd.

1100 Fesco Ave. - Alice, Texas 78332

Sample: Leo Thorsness 13 24 33 No. 211H

First Stage Separator

Spot Gas Sample @ 450 psig & 101 °F

Date Sampled: 03/13/18

Job Number: 81845.001

GLYCALC FORMAT

| COMPONENT | MOL% | GPM | Wt % |
|------------------------|--------------|--------------|--------------|
| Carbon Dioxide | 0.128 | | 0.269 |
| Hydrogen Sulfide | < 0.001 | | < 0.001 |
| Nitrogen | 1.240 | | 1.656 |
| Methane | 78.642 | | 60.143 |
| Ethane | 11.808 | 3.151 | 16.927 |
| Propane | 4.997 | 1.374 | 10.505 |
| Isobutane | 0.564 | 0.184 | 1.563 |
| n-Butane | 1.334 | 0.420 | 3.704 |
| Isopentane | 0.254 | 0.093 | 0.874 |
| n-Pentane | 0.313 | 0.113 | 1.077 |
| Cyclopentane | 0.000 | 0.000 | 0.000 |
| n-Hexane | 0.097 | 0.040 | 0.399 |
| Cyclohexane | 0.077 | 0.026 | 0.309 |
| Other C6's | 0.128 | 0.053 | 0.525 |
| Heptanes | 0.159 | 0.067 | 0.724 |
| Methylcyclohexane | 0.067 | 0.027 | 0.314 |
| 2,2,4 Trimethylpentane | 0.000 | 0.000 | 0.000 |
| Benzene | 0.023 | 0.006 | 0.086 |
| Toluene | 0.025 | 0.008 | 0.110 |
| Ethylbenzene | 0.003 | 0.001 | 0.015 |
| Xylenes | 0.012 | 0.005 | 0.061 |
| Octanes Plus | <u>0.129</u> | <u>0.065</u> | <u>0.739</u> |
| Totals | 100.000 | 5.634 | 100.000 |

Real Characteristics Of Octanes Plus:

Specific Gravity ----- 4.164 (Air=1)
Molecular Weight ----- 120.17
Gross Heating Value ----- 6224 BTU/CF

Real Characteristics Of Total Sample:

Specific Gravity ----- 0.727 (Air=1)
Compressibility (Z) ----- 0.9964
Molecular Weight ----- 20.98
Gross Heating Value
Dry Basis ----- 1250 BTU/CF
Saturated Basis ----- 1229 BTU/CF

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) 748-1220
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

HOBBS OCD
UN 27 2018
RECEIVED

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- 44918 | | ² Pool Code 2220 | ³ Pool Name ANTELOPE RIDGE; WOLFCAMP |
| ⁴ Property Code 321069 | ⁵ Property Name CARL MOTTEK FEDERAL | | ⁶ Well Number #211H |
| ⁷ OGRID No. 228937 | ⁸ Operator Name MATADOR PRODUCTION COMPANY | | ⁹ Elevation 3578' |

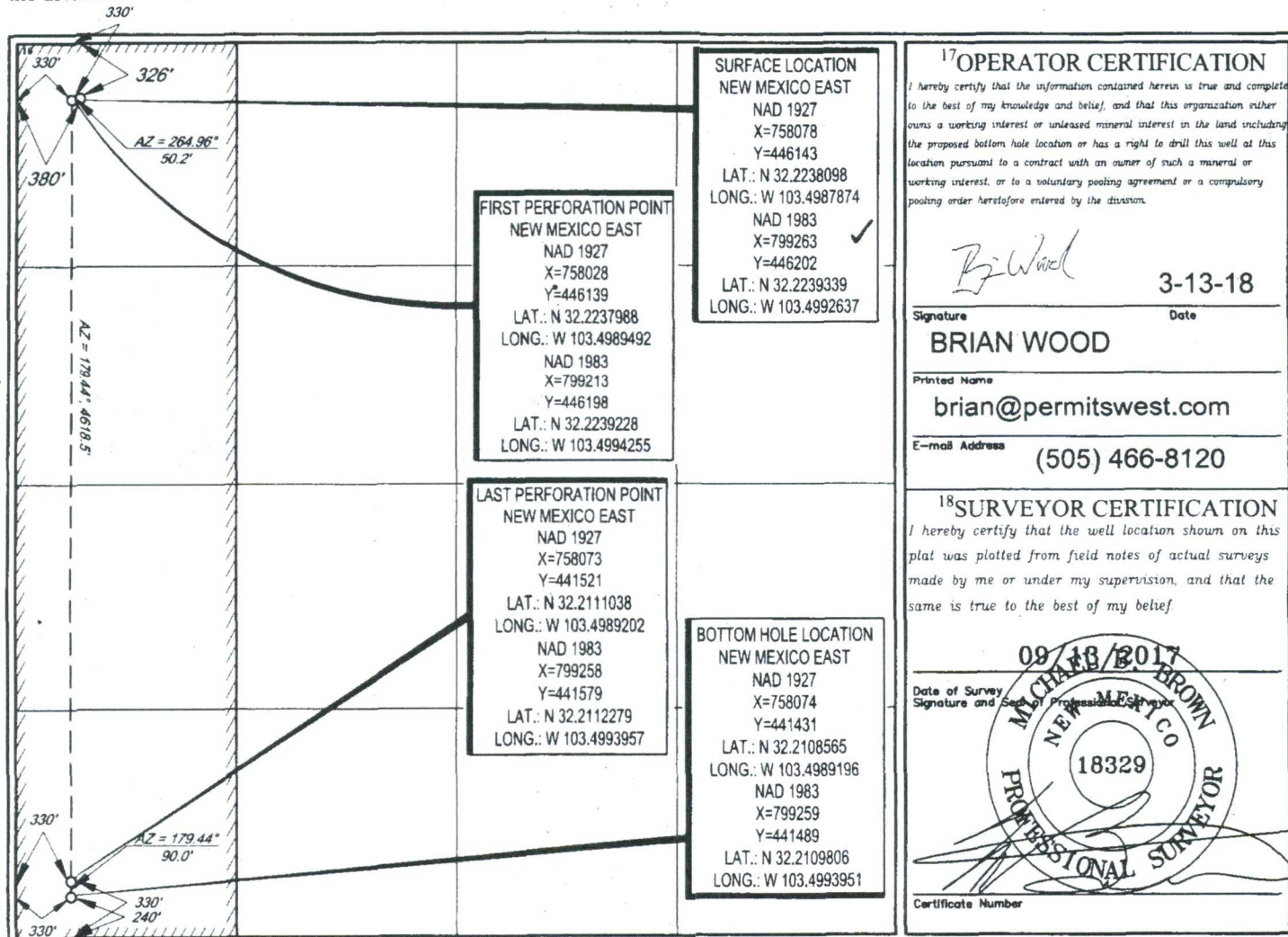
¹⁰Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|-----------|-------------|-------------|----------|---------------|------------------|---------------|----------------|------------|
| D | 17 | 24-S | 34-E | D | 326' | NORTH | 380' | WEST | LEA |

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|-----------|-------------|-------------|----------|---------------|------------------|---------------|----------------|------------|
| M | 17 | 24-S | 34-E | M | 240' | SOUTH | 330' | WEST | LEA |

| | | | |
|--|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres 160.00 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ 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.



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 88203
Phone: (575) 748-1282 Fax: (575) 748-9720
District III
1000 Ridge Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-7070
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3400 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

RECEIVED
JUN 27 2018

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | |
|--|--|--------------------------------|--|
| ¹ API Number 30-025- 44919 | | ² Pool Code 2220 | ³ Pool Name ANTELOPE RIDGE; WOLFCAMP (OIL) |
| ⁴ Property Code 321069 | ⁵ Property Name CARL MOTTEK 17-24S-34E AR | | ⁶ Well Number #215H |
| ⁷ GRID No. 228937 | ⁸ Operator Name MATADOR PRODUCTION COMPANY | | ⁹ Elevation 3578' |

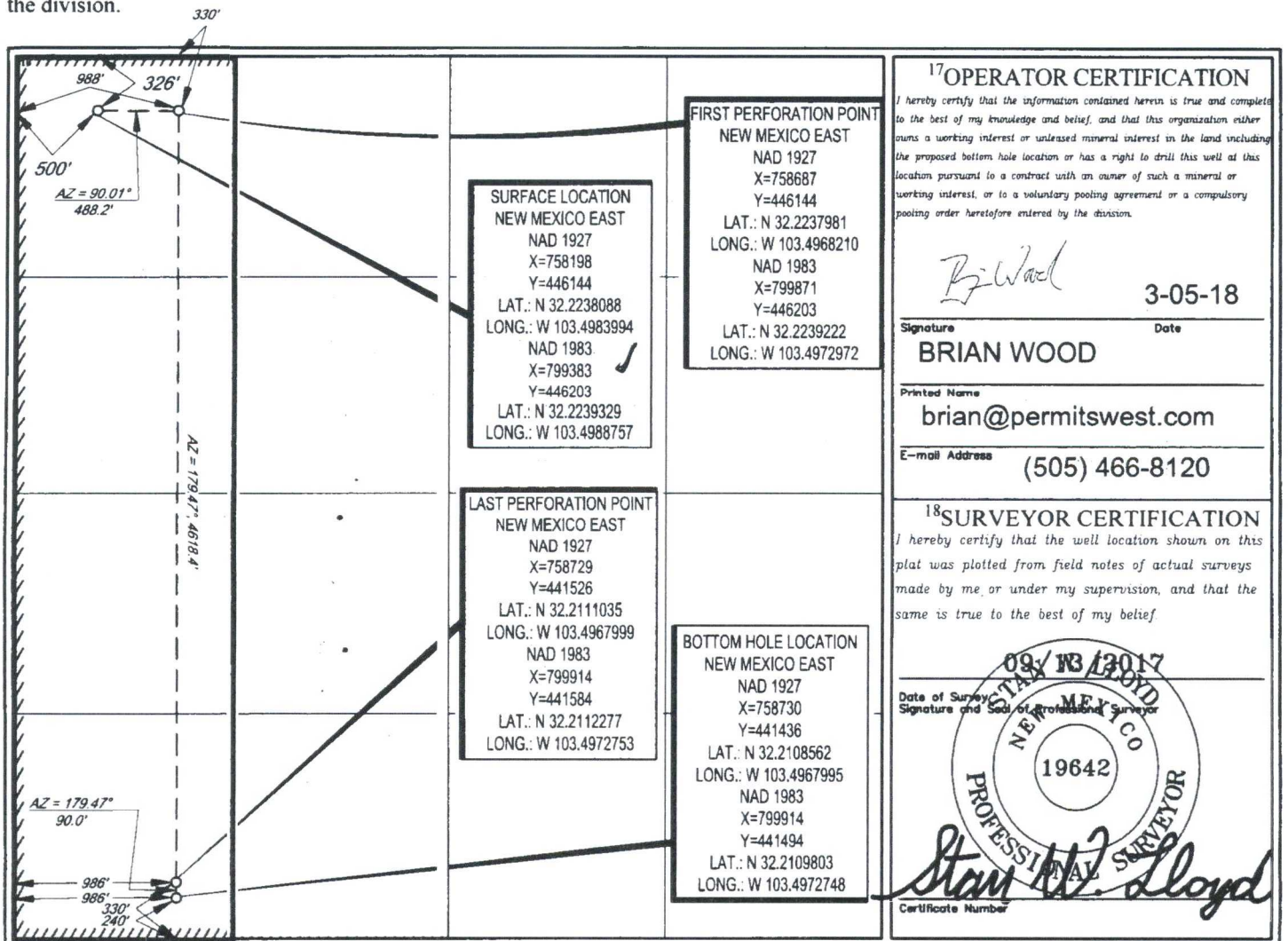
¹⁰Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D | 17 | 24-S | 34-E | -D | 326' | NORTH | 500' | WEST | LEA |

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M | 17 | 24-S | 34-E | -M | 240' | SOUTH | 986' | WEST | LEA |

| | | | |
|---|-------------------------------|----------------------------------|-------------------------|
| ¹¹ Dedicated Acres 160.00 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ 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.



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

HOBBS OCL
JUN 27 2018
RECEIVED

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 30-025-44937 | | ² Pool Code 96434 | ³ Pool Name RED HILLS; BONE SPRING, NORTH |
| ⁴ Property Code 321609 | ⁵ Property Name CARL MOTTEK FEDERAL | | ⁶ Well Number #125H |
| ⁷ OGRID No. 228937 | ⁸ Operator Name MATADOR PRODUCTION COMPANY | | ⁹ Elevation 3578' |

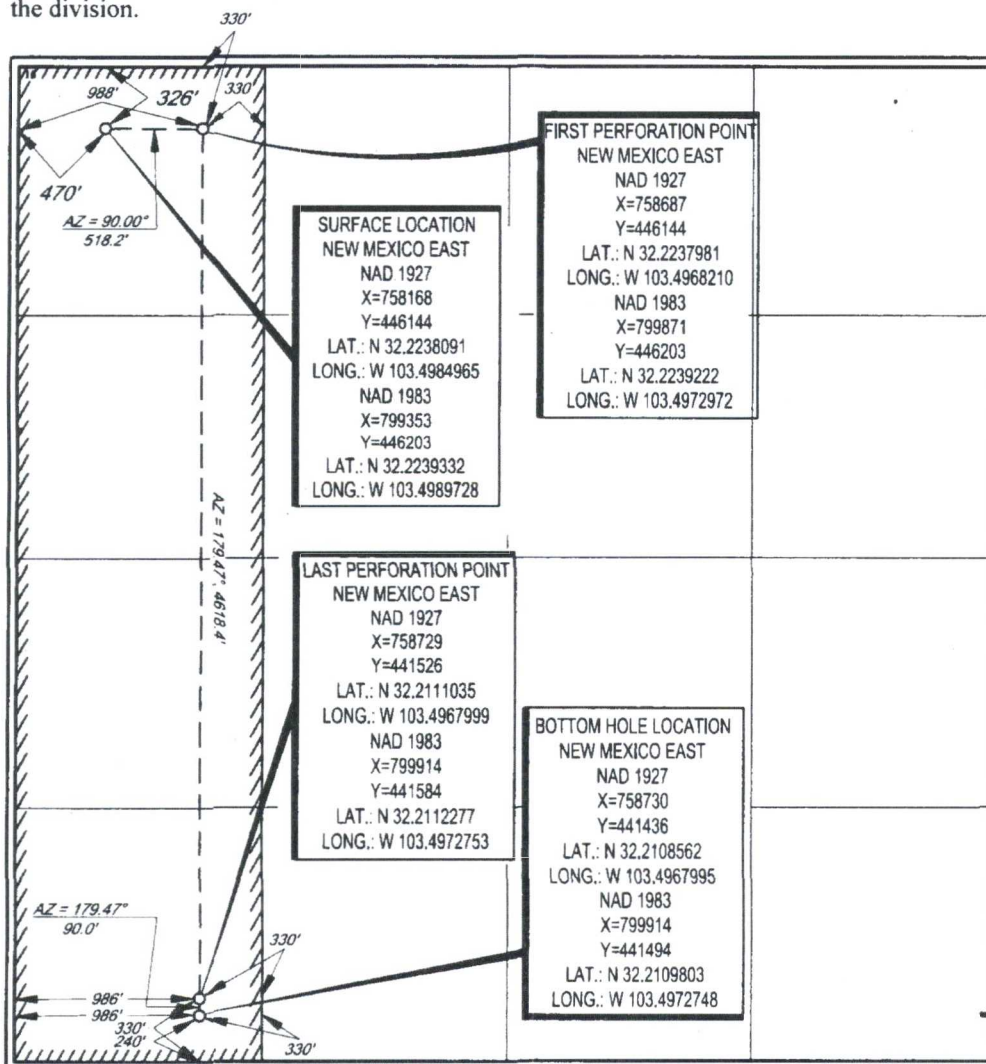
¹⁰Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D | 17 | 24-S | 34-E | - | 326' | NORTH | 470' | WEST | LEA |

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M | 17 | 24-S | 34-E | - | 240' | SOUTH | 986' | WEST | LEA |

| | | | |
|---|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres 160.00 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ 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.



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.

B. Wood
3-05-18
Signature Date
BRIAN WOOD
Printed Name
brian@permitswest.com
E-mail Address
(505) 466-8120

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.

09/13/2017
Date of Survey
Signature and Seal of Professional Surveyor
NEW MEXICO
19642
PROFESSIONAL SURVEYOR
Stan W. Lloyd
Certificate Number

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

HOBBS OCD
JUN 27 2018
RECEIVED

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- 44936 | | ² Pool Code 96434 | ³ Pool Name RED HILLS; BONE SPRING, NORTH |
| ⁴ Property Code 321609 | ⁵ Property Name CARL MOTTEK FEDERAL | | ⁶ Well Number #121H |
| ⁷ OGRID No. 228937 | ⁸ Operator Name MATADOR PRODUCTION COMPANY | | ⁹ Elevation 3578' |

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 | 17 | 24-S | 34-E | - | 326' | NORTH | 410' | WEST | LEA |

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|-----------|-------------|-------------|----------|---------------|------------------|---------------|----------------|------------|
| M | 17 | 24-S | 34-E | - | 240' | SOUTH | 330' | WEST | LEA |

| | | | |
|--|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres 160.00 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ 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.

| | | | |
|--|---|--|---|
| | SURFACE LOCATION NEW MEXICO EAST NAD 1927 X=758108 Y=446143 LAT.: N 32.2238096 LONG.: W 103.4986906 NAD 1983 X=799293 Y=446202 LAT.: N 32.2239336 LONG.: W 103.4991669 | 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 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. Date 2-12-18 Signature BRIAN WOOD Printed Name brian@permitswest.com E-mail Address (505) 466-8120 | |
| | FIRST PERFORATION POINT NEW MEXICO EAST NAD 1927 X=758028 Y=446139 LAT.: N 32.2237988 LONG.: W 103.4989492 NAD 1983 X=799213 Y=446198 LAT.: N 32.2239228 LONG.: W 103.4994255 | | 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 08/03/2017 Signature and Seal of Professional Surveyor Stan W. Lloyd Certificate Number |
| | LAST PERFORATION POINT NEW MEXICO EAST NAD 1927 X=758073 Y=441521 LAT.: N 32.2111038 LONG.: W 103.4989202 NAD 1983 X=799258 Y=441579 LAT.: N 32.2112279 LONG.: W 103.4993957 | | |
| | BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 X=758074 Y=441431 LAT.: N 32.2108565 LONG.: W 103.4989196 NAD 1983 X=799259 Y=441489 LAT.: N 32.2109806 LONG.: W 103.4993951 | | |

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

HOBBS OCD

JUN 27 2018

RECEIVED

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- 44917 | ² Pool Code 96434 | ³ Pool Name RED HILLS; BONE SPRING, NORTH |
| ⁴ Property Code 321609 | ⁵ Property Name CARL MOTTEK FEDERAL | |
| ⁶ Well Number #101H | ⁷ Elevation 3578' | |
| ⁸ OGRID No. 228937 | ⁹ Operator Name MATADOR PRODUCTION COMPANY | |

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 | 17 | 24-S | 34-E | 7 | 326' | NORTH | 440' | WEST | LEA |

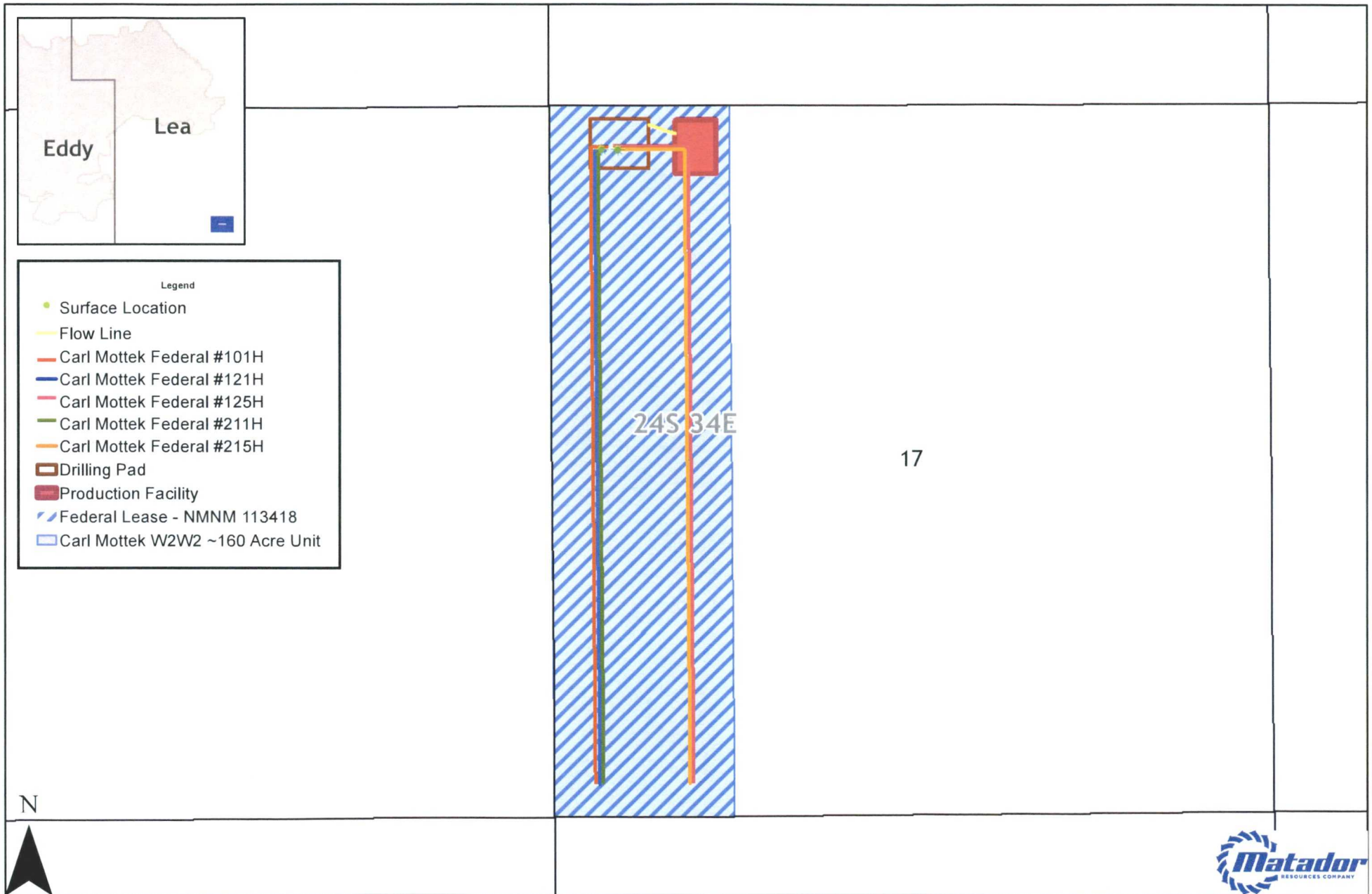
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|-----------|-------------|-------------|----------|---------------|------------------|---------------|----------------|------------|
| M | 17 | 24-S | 34-E | 1 | 240' | SOUTH | 330' | WEST | LEA |

| | | | |
|--|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres 160.00 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ 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.

| | | | |
|--|---|--|--|
| | SURFACE LOCATION NEW MEXICO EAST NAD 1927 X=758138 Y=446144 LAT.: N 32.2238094 LONG.: W 103.4985934 NAD 1983 X=799323 Y=446202 LAT.: N 32.2239334 LONG.: W 103.4990697 | 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 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. Date 2-12-18 Signature BRIAN WOOD Printed Name brian@permitswest.com E-mail Address (505) 466-8120 | |
| | FIRST PERFORATION POINT NEW MEXICO EAST NAD 1927 X=758028 Y=446139 LAT.: N 32.2237988 LONG.: W 103.4989492 NAD 1983 X=799213 Y=446198 LAT.: N 32.2239228 LONG.: W 103.4994255 | | 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 09/18/2017 Signature and Seal of Professional Surveyor Certificate Number |
| | LAST PERFORATION POINT NEW MEXICO EAST NAD 1927 X=758073 Y=441521 LAT.: N 32.2111038 LONG.: W 103.4989202 NAD 1983 X=799258 Y=441579 LAT.: N 32.2112279 LONG.: W 103.4993957 | | BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 X=758074 Y=441431 LAT.: N 32.2108565 LONG.: W 103.4989196 NAD 1983 X=799259 Y=441489 LAT.: N 32.2109806 LONG.: W 103.4993951 |

Carl Mottek Land Plat



Southeast New Mexico

0 750 1,500 3,000 Feet

Date: November 13, 2018
 Filename: ComminglingLandPlat_CarlMottekWC
 Projection: NAD27 State Plane New Mexico East FIPS 3001
 Sources: IHS; ESRI;