

# **MATADOR PRODUCTION COMPANY**

**Biggers Federal**

**Nos. 203H, 214H and 217H**

**Cases 16178, 16179 and 16180**

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

**APPLICATIONS OF MATADOR  
PRODUCTION COMPANY  
FOR COMPULSORY POOLING  
AND NONSTANDARD OIL SPACING  
AND PRORATION UNITS  
LEA COUNTY, NEW MEXICO**

CASE NOS. 16178, 16179 & 16180

May 31, 2018

**EXHIBIT NOTEBOOK  
Biggers Federal #203H, #214H & #217H**

Exhibit 1	C-102 Forms
Exhibit 2	Midland Map
Exhibit 3	Summary of Interests
Exhibit 4	Well Proposal Letters
Exhibit 5	Affidavit, notice letters, proof of mailing
Exhibit 6	Locator Map
Exhibit 7	Structure Map
Exhibit 8	Stratigraphic Cross Section A-A'
Exhibit 9	Isopach Map
Exhibit 10	Biggers Federal Wells' Completions

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

<sup>1</sup> API Number 30-025- <b>44645</b>	<sup>2</sup> Pool Code 17980	<sup>3</sup> Pool Name Dogie Draw; Wolfcamp
<sup>4</sup> Property Code <b>320789</b>	<sup>5</sup> Property Name BIGGERS FED COM	<sup>6</sup> Well Number #203H
<sup>7</sup> OGRID No. 228937	<sup>8</sup> Operator Name MATADOR PRODUCTION COMPANY	<sup>9</sup> Elevation 3332'

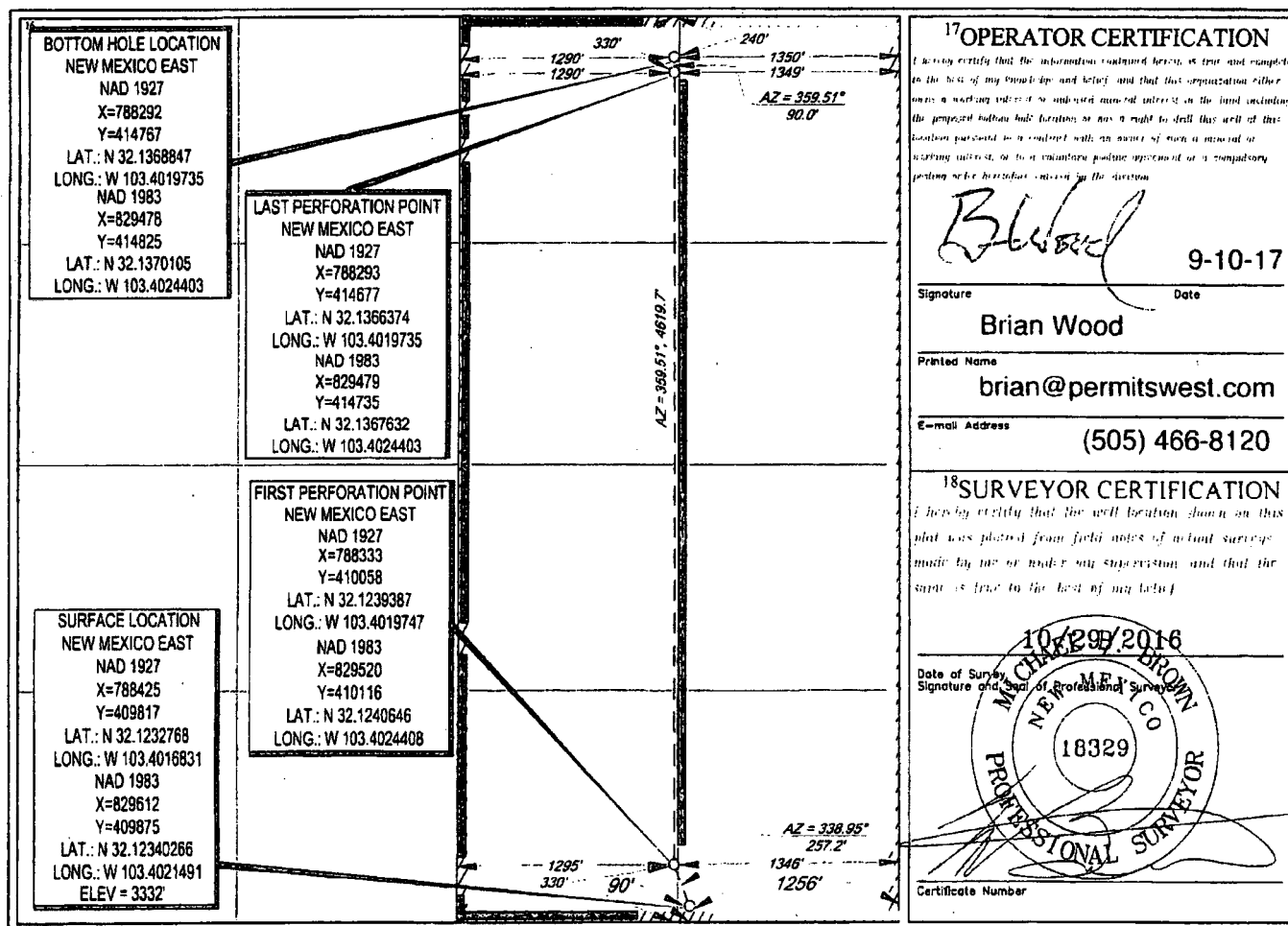
<sup>10</sup>Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	18	25-S	35-E	-	90'	SOUTH	1256'	EAST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	18	25-S	35-E	-	240'	NORTH	1350'	EAST	LEA

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
160		C	NSL-

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.



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**HOBBS OCD**

**FEB 15 2018**

**RECEIVED**

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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number <b>30-025-</b>	<sup>2</sup> Pool Code <b>17980</b>	<sup>3</sup> Pool Name <b>Dogie Draw; Wolfcamp</b>
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>BIGGERS FED COM</b>	<sup>6</sup> Well Number <b>#214H</b>
<sup>7</sup> OGRID No. <b>228937</b>	<sup>8</sup> Operator Name <b>MATADOR PRODUCTION COMPANY</b>	<sup>9</sup> Elevation <b>3332'</b>

**<sup>10</sup>Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>P</b>	<b>18</b>	<b>25-S</b>	<b>35-E</b>	<b>-</b>	<b>59'</b>	<b>SOUTH</b>	<b>1226'</b>	<b>EAST</b>	<b>LEA</b>

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>A</b>	<b>18</b>	<b>25-S</b>	<b>35-E</b>	<b>-</b>	<b>240'</b>	<b>NORTH</b>	<b>450'</b>	<b>EAST</b>	<b>LEA</b>

<sup>11</sup> Dedicated Acres <b>160</b>	<sup>12</sup> Joint or Infill	<sup>13</sup> Consolidation Code <b>C</b>	<sup>14</sup> 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.

<b>BOTTOM HOLE LOCATION</b> NEW MEXICO EAST NAD 1927 X=788192 Y=414773 LAT.: N 32.1388787 LONG.: W 103.3990681 NAD 1983 X=830378 Y=414831 LAT.: N 32.1370045 LONG.: W 103.3985328	<b>LAST PERFORATION POINT</b> NEW MEXICO EAST NAD 1927 X=788193 Y=414683 LAT.: N 32.1366313 LONG.: W 103.3980652 NAD 1983 X=830379 Y=414741 LAT.: N 32.1367571 LONG.: W 103.3985329	<b>FIRST PERFORATION POINT</b> NEW MEXICO EAST NAD 1927 X=789233 Y=410082 LAT.: N 32.1239303 LONG.: W 103.3990678 NAD 1983 X=830420 Y=410120 LAT.: N 32.1240582 LONG.: W 103.3995337	<b>SURFACE LOCATION</b> NEW MEXICO EAST NAD 1927 X=788455 Y=409788 LAT.: N 32.1231940 LONG.: W 103.4015867 NAD 1983 X=828842 Y=409846 LAT.: N 32.1233189 LONG.: W 103.4020527 ELEV = 3332'		<b><sup>17</sup>OPERATOR CERTIFICATION</b> 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 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.  Signature <b>Brian Wood</b> Date <b>10-7-17</b> Printed Name <b>brian@permitswest.com</b> E-mail Address <b>(505) 466-8120</b>
<b><sup>18</sup>SURVEYOR CERTIFICATION</b> 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 <b>10/28/2016</b> Signature <b>Michael Brown</b> Certificate Number					

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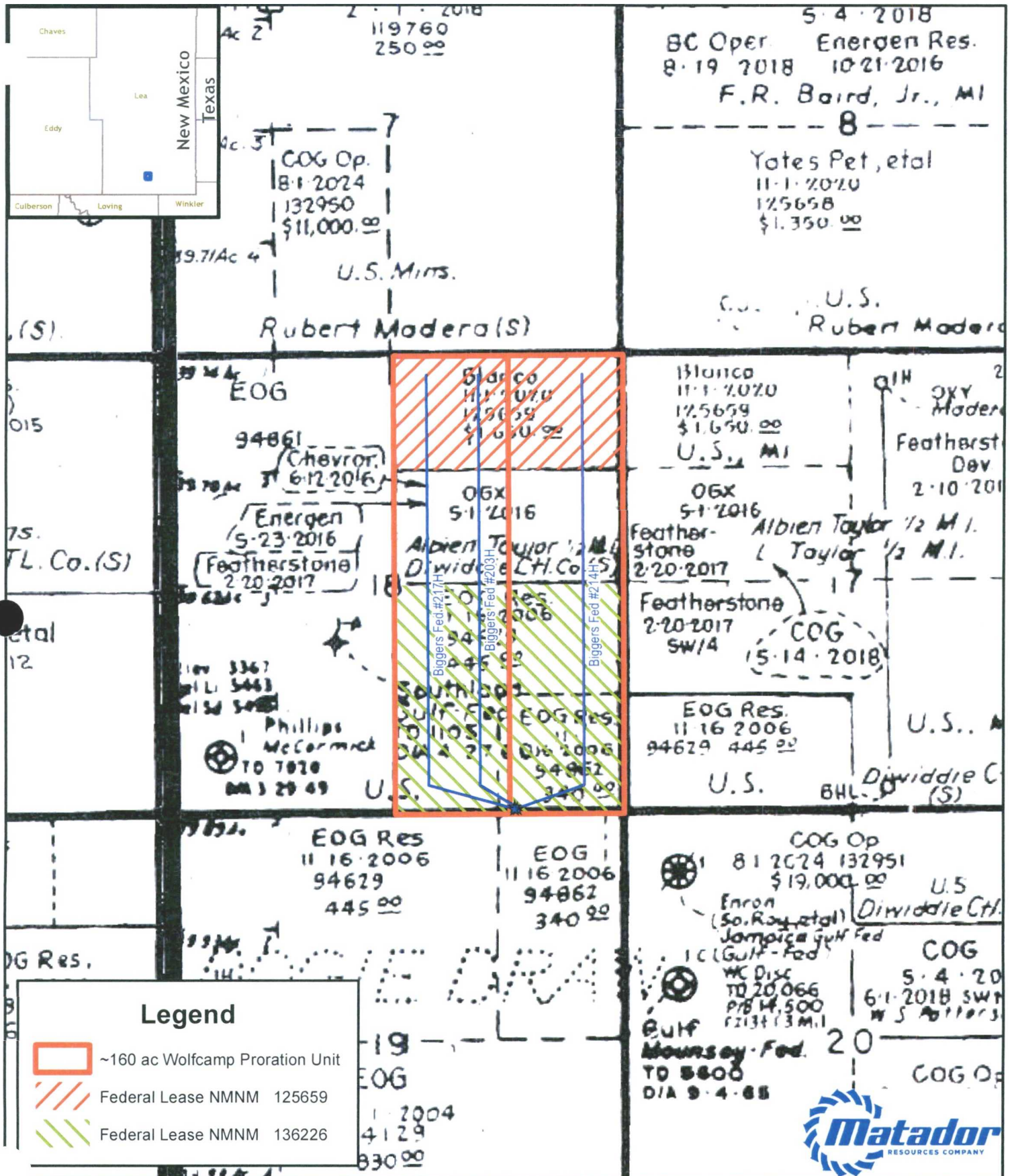
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	18	25-S	35-E	-	240'	NORTH	2250'	EAST	LEA

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
160		C	

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<p><b>BOTTOM HOLE LOCATION</b> NEW MEXICO EAST NAD 1927 X=787392 Y=414762 LAT.: N 32.1368908 LONG.: W 103.4048808 NAD 1983 X=828578 Y=414820 LAT.: N 32.1370166 LONG.: W 103.4053477</p>	<p><b>LAST PERFORATION POINT</b> NEW MEXICO EAST NAD 1927 X=787393 Y=414672 LAT.: N 32.1368434 LONG.: W 103.4048808 NAD 1983 X=828579 Y=414730 LAT.: N 32.1367892 LONG.: W 103.4053477</p>	<p><b>SURFACE LOCATION</b> NEW MEXICO EAST NAD 1927 X=788425 Y=409787 LAT.: N 32.1231941 LONG.: W 103.4016835 NAD 1983 X=829612 Y=409845 LAT.: N 32.1233320 LONG.: W 103.4021495 ELEV = 3332'</p>	<p><b>FIRST PERFORATION POINT</b> NEW MEXICO EAST NAD 1927 X=787433 Y=410053 LAT.: N 32.1239471 LONG.: W 103.4048816 NAD 1983 X=828620 Y=410111 LAT.: N 32.1240729 LONG.: W 103.4053478</p>	<p><b>17 OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and accurate to the best of my knowledge and belief, and that this organization either owns a working interest or mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Brian Wood</i> Signature Date 9-21-17 Printed Name brian@permitswest.com E-mail Address (505) 466-8120</p>
<p><b>18 SURVEYOR CERTIFICATION</b> I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.</p> <p>10/29/2016 MICHAEL BROWN NEW MEXICO 18329 PROFESSIONAL SURVEYOR</p> <p>Date of Survey Signature and Seal of Professional Surveyor Certificate Number</p>				<p><b>19</b> S:\SURVEY\MATADOR_RESOURCES\BIGGERS_FED_COM_217H\FINAL_PRODUCTS\SLO_BIGGERS_FED_COM_217H_REV2.DWG 2/1/2017 11:46:55 AM cccason</p>

# 18-25S-35E



GIS Standard Map Disclaimer:  
This cartographic product is for informational purposes and may not have been prepared for, or be suitable for, legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

1:18,000

1 inch = 1,500 feet

Southeast New Mexico

Date: May 24, 2018  
Coordinate System: NAD 1927 StatePlane New Mexico East FIPS 3001  
Projection: Transverse Mercator; Datum: North American 1927; Units: Foot US  
Sources: IHS; ESRI;



## Summary of Interests

<b>MRC Permian Company Working Interest</b>		<b>77.453124%</b>
<b>Voluntary Joinder</b>		<b>11.979167%</b>
<b>Compulsory Pool Interest Total:</b>		<b>10.567709%</b>
Interest Owner:	Description:	Interest:
COG Operating, LLC	Uncommitted Working Interest Owner	2.145834%
	Uncommitted Working Interest Owner	
COG Acreage, LP		1.250000%
	Uncommitted Working Interest Owner	
Energen Resources Corporation		3.578125%
	Uncommitted Working Interest Owner	
Marathon Oil Permian, LLC		1.562500%
	Unleased Mineral Interest Owner	
GGM Exploration, Inc		.068750%
	Unleased Mineral Interest Owner	
TD Minerals LLC		.275000%
	Unleased Mineral Interest Owner	
Heirs/devisees of John C. Sparling		1.562500%
	Unleased Mineral Interest Owner	
Ohio State University		.062500%
	Unleased Mineral Interest Owner	
West Texas A&M University		.062500%

## MRC Permian Company

One Lincoln Centre • 5400 LBJ Freeway • Suite 1500 • Dallas, Texas 75240  
Voice 972.371.5440 • Fax 214.866.4883  
[chahn@matadorresources.com](mailto:chahn@matadorresources.com)

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**Cassie Hahn  
Landman**

February 1, 2018

VIA CERTIFIED RETURN RECEIPT MAIL

COGAcreage LP  
2208 West Main Street  
Artesia, NM 88210

Re: Matador Production Company – Biggers Fed Com #203H (the “Well”)  
Participation Proposal  
Section 18, Township 25 South, Range 35 East  
Lea County, New Mexico

Dear COGAcreage LP:

MRC Permian Company (“MRC”) proposes the drilling of Matador Production Company’s Biggers Fed Com #203H well, located in Section 18, Township 25 South, Range 35 East, Lea County, New Mexico to the Wolfcamp formation.

In connection with the above, please note the following:

- The estimated cost of drilling, testing, completing, and equipping the Well is \$8,091,999 as found on the enclosed AFE dated January 30, 2018.
- The proposed surface location of the Well is approximately 90’ FSL and 1256’ FEL of Section 18, Township 25 South, Range 35 East, Lea County, New Mexico. The proposed bottom hole location of the subject well is approximately 240’ FNL and 1350’ FWL of Section 18, Township 25 South, Range 35 East, Lea County, New Mexico.
- The Well will have a targeted interval within the Wolfcamp formation. We plan to drill the Well horizontally in the Wolfcamp (~12,588’ TVD) to a Total Measured Depth of approximately 17,307’ resulting in a productive lateral of approximately 4,500’.

MRC reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. MRC will advise you of any such modifications.



COGAcreage LP, will own an approximate 0.01250000 working interest in the Well based on the JOA, subject to title verification.

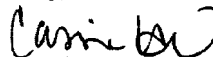
MRC requests that you indicate your election to participate in the drilling and completion of the Well in the space provided below, sign and return one (1) copy of this letter to the undersigned.

MRC is proposing to drill the Well under the terms of the modified 1989 AAPL form of Operating Agreement which is enclosed for your review and approval. The enclosed Operating Agreement dated March 15, 2018, by and between Matador Production Company, as operator and MRC Permian Company et al as Non-Operators, covers the E2 of Section 18, Township 25 South, Range 35 East, Lea County, New Mexico and has the following general provisions:

- 100/300/300 Non-consenting penalty
- \$7,000/\$700 Drilling and Producing rate
- Matador Production Company named as Operator

If your election is to participate in the drilling and completion of the Well, please sign and return a copy of the enclosed AFE within thirty (30) days of receipt of this notice. Additionally, if your election is to participate, please accept this letter as an invoice notice and request for payment. Please remit payment for your proportionate share of costs in the amount of \$101,149.99 to Matador Production Company on or before thirty (30) days after receipt of this estimate and invoice. Please be aware that the enclosed AFE is only an estimate of costs to be incurred and by electing to participate in the Well, each working interest owner shall be responsible for their proportionate share of all costs incurred.

Sincerely,

  
Cassie Hahn

Enclosure(s)

Please elect one of the following and return to sender.

\_\_\_\_\_ COGAcreage LP hereby elects to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Biggers Fed Com #203H well, located in Lea County, New Mexico.

\_\_\_\_\_ COGAcreage LP hereby elects not to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Biggers Fed Com #203H well, located in Lea County, New Mexico.

\_\_\_\_\_ COGAcreage LP is interested in selling its interest in this unit, please contact us to discuss.

COGAcreage LP

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

# MATADOR PRODUCTION COMPANY

ONE LINCOLN CENTRE • 5400 LBJ FREEWAY • SUITE 1500 • DALLAS, TEXAS 75240

Phone (972) 371-5200 • Fax (972) 371-5201

## ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

DATE:	January 30, 2018	AFE NO.:	300023 025.01.001
WELL NAME:	Biggers Fed Com 203H	FIELD:	
LOCATION:	Section 18-25S-35E	MD/TVD:	17307'/12588'
COUNTY/STATE:	Lea, NM	LATERAL LENGTH:	about 4500'
MRC Wt:			
GEOLOGIC TARGET:	Wolfcamp		
REMARKS:	Drill, complete and equip a horizontal upper Wolfcamp well with 22 stages		

	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	FACILITY COSTS	TOTAL COSTS
<b>INTANGIBLE COSTS</b>					
Land / Legal / Regulatory	\$ 181,500	\$ -	\$ -	\$ -	\$ 181,500
Location, Surveys & Damages	200,500	8,000	4,000	20,000	232,500
Drilling	766,000	-	-	-	766,000
Cementing & Float Equip	227,000	-	-	-	227,000
Logging / Formation Evaluation	-	6,000	-	-	6,000
Mud Logging	27,600	-	-	-	27,600
Mud Circulation System	56,160	-	-	-	56,160
Mud & Chemicals	141,000	30,000	-	-	171,000
Mud / Wastewater Disposal	155,000	-	-	-	155,000
Freight / Transportation	43,200	19,500	-	2,500	65,200
Rig Supervision / Engineering	139,500	39,800	5,400	14,400	199,100
Drill Bits	111,200	-	-	-	111,200
Fuel & Power	126,000	-	-	-	126,000
Water	70,000	326,000	-	-	396,000
Drig & Completion Overhead	10,500	18,000	-	-	28,500
Plugging & Abandonment	-	-	-	-	-
Directional Drilling, Surveys	230,000	-	-	-	230,000
Completion Unit, Swab, CTU	-	70,000	15,000	-	85,000
Perforating, Wireline, Slickline	-	102,300	-	-	102,300
High Pressure Pump Truck	-	38,500	-	-	38,500
Stimulation	-	2,156,000	-	-	2,156,000
Stimulation Flowback & Disp	-	150,400	90,000	-	240,400
Insurance	31,320	-	-	-	31,320
Labor	149,000	16,500	4,000	-	169,500
Rental - Surface Equipment	71,500	123,350	3,000	5,000	202,850
Rental - Downhole Equipment	60,000	40,000	-	10,000	110,000
Rental - Living Quarters	51,200	24,300	1,000	-	76,500
Contingency	227,854	101,265	3,240	-	332,359
<b>TOTAL INTANGIBLES &gt;</b>	<b>3,076,034</b>	<b>3,269,916</b>	<b>125,640</b>	<b>51,900</b>	<b>6,523,489</b>
<b>TANGIBLE COSTS</b>					
Surface Casing	\$ 56,675	\$ -	\$ -	\$ -	\$ 56,675
Intermediate Casing	153,750	-	-	-	153,750
Drilling Liner	345,800	-	-	-	345,800
Production Casing	289,685	-	-	-	289,685
Production Liner	-	-	-	-	-
Tubing	-	-	50,000	-	50,000
Wellhead	70,000	-	25,000	-	95,000
Packers, Liner Hangers	-	52,800	6,000	-	58,800
Tanks	-	-	-	60,000	60,000
Production Vessels	-	-	63,000	25,000	88,000
Flow Lines	-	-	50,000	-	50,000
Rod string	-	-	-	-	-
Artificial Lift Equipment	-	-	20,000	-	20,000
Compressor	-	-	-	10,000	10,000
Installation Costs	-	-	-	64,000	64,000
Surface Pumps	-	-	5,000	-	5,000
Non-controllable Surface	-	-	-	-	-
Non-controllable Downhole	-	-	-	-	-
Downhole Pumps	-	-	-	-	-
Measurement & Meter Installation	-	-	12,500	49,000	61,500
Gas Conditioning / Dehydration	-	-	-	-	-
Interconnecting Facility Piping	-	-	-	80,000	80,000
Gathering / Bulk Lines	-	-	-	-	-
Valves, Dumps, Controllers	-	-	2,000	4,000	6,000
Tank / Facility Containment	-	-	-	12,500	12,500
Flare Stack	-	-	-	17,500	17,500
Electrical / Grounding	-	-	-	5,000	5,000
Communications / SCADA	-	-	-	7,500	7,500
Instrumentation / Safety	-	-	10,000	22,000	32,000
<b>TOTAL TANGIBLES &gt;</b>	<b>916,710</b>	<b>52,800</b>	<b>243,500</b>	<b>356,500</b>	<b>1,568,510</b>
<b>TOTAL COSTS &gt;</b>	<b>3,991,744</b>	<b>3,322,716</b>	<b>369,140</b>	<b>408,400</b>	<b>8,091,999</b>

### PREPARED BY MATADOR PRODUCTION COMPANY:

Drilling Engineer: Blake Hermes  
 Completions Engineer: Waylon Wolf  
 Production Engineer: John Romano

Team Lead - WTX/NM WTE  
 WTE

### MATADOR RESOURCES COMPANY APPROVAL:

Executive VP, COO/CFO \_\_\_\_\_ VP - Res Engineering \_\_\_\_\_ VP - Drilling \_\_\_\_\_  
 \_\_\_\_\_  
 Executive VP, Legal \_\_\_\_\_ Exec Dir - Exploration \_\_\_\_\_  
 \_\_\_\_\_  
 President \_\_\_\_\_  
 \_\_\_\_\_

### NON OPERATING PARTNER APPROVAL:

Company Name: \_\_\_\_\_ Working Interest (%): \_\_\_\_\_ Tax ID: \_\_\_\_\_  
 Signed by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Title: \_\_\_\_\_ Approval: Yes \_\_\_\_\_ No (mark one) \_\_\_\_\_

This estimate on this AFE is an estimate only and may not be considered as a contract on any specific term or the total cost of the project. Taking installation approved under the AFE may be delayed up to a year after the well has been completed. In executing this AFE the Participant agrees to pay its proportionate share of actual costs incurred, including, legal, customs, regulatory, brokerage and well costs under the terms of the applicable joint operating agreement, regulatory order or other agreement covering this well. Participants shall be covered by and hold proportionately for Operator's well control and general liability insurance unless participant provides Operator a certificate evidencing its own insurance is an amount acceptable to the Operator by the date of cost.

## MRC Permian Company

One Lincoln Centre • 5400 LBJ Freeway • Suite 1500 • Dallas, Texas 75240  
Voice 972.371.5440 • Fax 214.866.4883  
[chahn@matadorresources.com](mailto:chahn@matadorresources.com)

---

**Cassie Hahn  
Landman**

February 1, 2018

VIA CERTIFIED RETURN RECEIPT MAIL

GGM Exploration, Inc  
420 Throckmorton, Suite #200  
Fort Worth, TX 76102

Re: Matador Production Company – Biggers Fed Com #203H (the “Well”)  
Participation Proposal  
Section 18, Township 25 South, Range 35 East  
Lea County, New Mexico

Dear GGM Exploration, Inc:

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- The Well will have a targeted interval within the Wolfcamp formation. We plan to drill the Well horizontally in the Wolfcamp (~12,588’ TVD) to a Total Measured Depth of approximately 17,307’ resulting in a productive lateral of approximately 4,500’.

MRC reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. MRC will advise you of any such modifications.

GGM Exploration, Inc , will own an approximate 0.00068750 working interest in the Well based on the JOA, subject to title verification.

MRC requests that you indicate your election to participate in the drilling and completion of the Well in the space provided below, sign and return one (1) copy of this letter to the undersigned.

MRC is proposing to drill the Well under the terms of the modified 1989 AAPL form of Operating Agreement which is enclosed for your review and approval. The enclosed Operating Agreement dated March 15, 2018, by and between Matador Production Company, as operator and MRC Permian Company et al as Non-Operators, covers the E2 of Section 18, Township 25 South, Range 35 East, Lea County, New Mexico and has the following general provisions:

- 100/300/300 Non-consenting penalty
- \$7,000/\$700 Drilling and Producing rate
- Matador Production Company named as Operator

If your election is to participate in the drilling and completion of the Well, please sign and return a copy of the enclosed AFE within thirty (30) days of receipt of this notice. Additionally, if your election is to participate, please accept this letter as an invoice notice and request for payment. Please remit payment for your proportionate share of costs in the amount of \$5,563.25 to Matador Production Company on or before thirty (30) days after receipt of this estimate and invoice. Please be aware that the enclosed AFE is only an estimate of costs to be incurred and by electing to participate in the Well, each working interest owner shall be responsible for their proportionate share of all costs incurred. .

Sincerely,



Cassie Hahn

Enclosure(s)

Please elect one of the following and return to sender.

\_\_\_\_\_ GGM Exploration, Inc hereby elects to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Biggers Fed Com #203H well, located in Lea County, New Mexico.

\_\_\_\_\_ GGM Exploration, Inc hereby elects not to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Biggers Fed Com #203H well, located in Lea County, New Mexico.

\_\_\_\_\_ GGM Exploration, Inc is interested in selling its interest in this unit, please contact us to discuss.

GGM Exploration, Inc

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

# MATADOR PRODUCTION COMPANY

ONE LINCOLN CENTRE • 5400 LBJ FREEWAY • SUITE 1500 • DALLAS, TEXAS 75240

Phone (972) 371-5200 • Fax (972) 371-5201

## ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

DATE:	January 30, 2018	AFE NO.:	300023.025.01.001
WELL NAME:	Biggers Fed Com 203H	FIELD:	
LOCATION:	Section 18-25S-35E	MD/TVD:	17307/12588'
COUNTY/STATE:	Lea, NM	LATERAL LENGTH:	about 4500'
MRC Wt:			
GEOLOGIC TARGET:	Wolfcamp		
REMARKS:	Drill, complete and equip a horizontal upper Wolfcamp well with 22 stages		

	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	FACILITY COSTS	TOTAL COSTS
<b>INTANGIBLE COSTS</b>					
Land / Legal / Regulatory	\$ 181,500	\$ -	\$ -	\$ -	\$ 181,500
Location, Surveys & Damages	200,500	8,000	4,000	20,000	232,500
Drilling	766,000	-	-	-	766,000
Cementing & Float Equip	227,000	-	-	-	227,000
Logging / Formation Evaluation	-	6,000	-	-	6,000
Mud Logging	27,800	-	-	-	27,800
Mud Circulation System	56,180	-	-	-	56,180
Mud & Chemicals	141,000	30,000	-	-	171,000
Mud / Wastewater Disposal	155,000	-	-	-	155,000
Freight / Transportation	43,200	19,500	-	2,500	85,200
Rig Supervision / Engineering	139,500	39,800	5,400	14,400	199,100
Drill Bits	111,200	-	-	-	111,200
Fuel & Power	126,000	-	-	-	126,000
Water	70,000	326,000	-	-	396,000
Drig & Completion Overhead	10,500	18,000	-	-	28,500
Plugging & Abandonment	-	-	-	-	-
Directional Drilling, Surveys	230,000	-	-	-	230,000
Completion Unit, Swab, CTU	-	70,000	15,000	-	85,000
Perforating, Wireline, Slickline	-	102,300	-	-	102,300
High Pressure Pump Truck	-	38,500	-	-	38,500
Stimulation	-	2,156,000	-	-	2,156,000
Stimulation Flowback & Disp	-	150,400	90,000	-	240,400
Insurance	31,320	-	-	-	31,320
Labor	149,000	16,500	4,000	-	169,500
Rental - Surface Equipment	71,500	123,350	3,000	5,000	202,850
Rental - Downhole Equipment	60,000	40,000	-	10,000	110,000
Rental - Living Quarters	51,200	24,300	1,000	-	76,500
Contingency	227,854	101,285	3,240	-	332,359
<b>TOTAL INTANGIBLES &gt;</b>	<b>3,076,034</b>	<b>3,269,916</b>	<b>125,640</b>	<b>51,900</b>	<b>6,523,489</b>
<b>TANGIBLE COSTS</b>					
Surface Casing	\$ 56,875	\$ -	\$ -	\$ -	\$ 56,875
Intermediate Casing	153,750	-	-	-	153,750
Drilling Liner	345,800	-	-	-	345,800
Production Casing	289,685	-	-	-	289,685
Production Liner	-	-	-	-	-
Tubing	-	-	50,000	-	50,000
Wellhead	70,000	-	25,000	-	95,000
Packers, Liner Hangers	-	52,800	6,000	-	58,800
Tanks	-	-	-	60,000	60,000
Production Vessels	-	-	63,000	25,000	88,000
Flow Lines	-	-	50,000	-	50,000
Rod string	-	-	-	-	-
Artificial Lift Equipment	-	-	20,000	-	20,000
Compressor	-	-	-	10,000	10,000
Installation Costs	-	-	-	64,000	64,000
Surface Pumps	-	-	5,000	-	5,000
Non-controllable Surface	-	-	-	-	-
Non-controllable Downhole	-	-	-	-	-
Downhole Pumps	-	-	-	-	-
Measurement & Meter Installation	-	-	12,500	48,000	61,500
Gas Conditioning / Dehydration	-	-	-	-	-
Interconnecting Facility Piping	-	-	-	80,000	80,000
Gathering / Bulk Lines	-	-	-	-	-
Valves, Dumps, Controllers	-	-	2,000	4,000	6,000
Tank / Facility Containment	-	-	-	12,500	12,500
Flare Stack	-	-	-	17,500	17,500
Electrical / Grounding	-	-	-	5,000	5,000
Communications / SCADA	-	-	-	7,500	7,500
Instrumentation / Safety	-	-	10,000	22,000	32,000
<b>TOTAL TANGIBLES &gt;</b>	<b>915,710</b>	<b>62,600</b>	<b>243,500</b>	<b>356,500</b>	<b>1,568,510</b>
<b>TOTAL COSTS &gt;</b>	<b>3,991,744</b>	<b>3,322,716</b>	<b>369,140</b>	<b>408,400</b>	<b>8,091,999</b>

### PREPARED BY MATADOR PRODUCTION COMPANY:

Drilling Engineer:	Blake Hermes	Team Lead - WTX/NM	<u>WTE</u>
Completions Engineer:	Waylon Wolf		WTE
Production Engineer:	John Romano		

### MATADOR RESOURCES COMPANY APPROVAL:

Executive VP, COO/CFO	VP - Res Engineering	VP - Drilling
DEL	BMR	BG
Executive VP, Legal	Exec Dir - Exploration	
CA	NLF	
President		
MVH		

### NON OPERATING PARTNER APPROVAL:

Company Name:	Working Interest (%):	Tax ID:
Signed by:	Date:	
Title:	Approval: Yes	No (mark one)

The costs on this AFE are estimates only and may not be construed as a cap on any specific item or the total cost of the project. Tubing installation approved under the AFE may be delayed up to a year after the well has been completed. In executing this AFE, the Participant agrees to pay its proportionate share of actual costs incurred including, legal, cement, regulatory, training and well costs under the terms of the applicable joint operating agreement, regulatory order or other agreement covering this well. Participants shall be covered by and shall proportionately for Operator's well control and general liability insurance unless participant provides Operator a certificate evidencing its own insurance in an amount acceptable to the Operator by the date of seal.

## MRC Permian Company

One Lincoln Centre • 5400 LBJ Freeway • Suite 1500 • Dallas, Texas 75240  
Voice 972.371.5440 • Fax 214.866.4883  
[chahn@matadorresources.com](mailto:chahn@matadorresources.com)

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**Cassie Hahn  
Landman**

February 1, 2018

VIA CERTIFIED RETURN RECEIPT MAIL

GGM Exploration, Inc  
420 Throckmorton, Suite #200  
Fort Worth, TX 76102

Re: Matador Production Company -- Biggers Fed Com #214H (the "Well")  
Participation Proposal  
Section 18, Township 25 South, Range 35 East  
Lea County, New Mexico

Dear GGM Exploration, Inc:

MRC Permian Company ("MRC") proposes the drilling of Matador Production Company's Biggers Fed Com #214H well, located in Section 18, Township 25 South, Range 35 East, Lea County, New Mexico to the Wolfcamp formation.

In connection with the above, please note the following:

- The estimated cost of drilling, testing, completing, and equipping the Well is \$8,094,874 as found on the enclosed AFE dated January 30, 2018.
- The proposed surface location of the Well is approximately 59' FSL and 1226' FEL of Section 18, Township 25 South, Range 35 East, Lea County, New Mexico. The proposed bottom hole location of the subject well is approximately 240' FNL and 450' FEL of Section 18, Township 25 South, Range 35 East, Lea County, New Mexico.
- The Well will have a targeted interval within the Wolfcamp formation. We plan to drill the Well horizontally in the Wolfcamp (~12,718' TVD) to a Total Measured Depth of approximately 17,478' resulting in a productive lateral of approximately 4,500'.

MRC reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. MRC will advise you of any such modifications.

GGM Exploration, Inc, will own an approximate 0.00068750 working interest in the Well based on the JOA, subject to title verification.

MRC requests that you indicate your election to participate in the drilling and completion of the Well in the space provided below, sign and return one (1) copy of this letter to the undersigned.

MRC is proposing to drill the Well under the terms of the modified 1989 AAPL form of Operating Agreement which is enclosed for your review and approval. The enclosed Operating Agreement dated March 15, 2018, by and between Matador Production Company, as operator and MRC Permian Company et al as Non-Operators, covers the E2 of Section 18, Township 25 South, Range 35 East, Lea County, New Mexico and has the following general provisions:

- 100/300/300 Non-consenting penalty
- \$7,000/\$700 Drilling and Producing rate
- Matador Production Company named as Operator

If your election is to participate in the drilling and completion of the Well, please sign and return a copy of the enclosed AFE within thirty (30) days of receipt of this notice. Additionally, if your election is to participate, please accept this letter as an invoice notice and request for payment. Please remit payment for your proportionate share of costs in the amount of \$5,565.23 to Matador Production Company on or before thirty (30) days after receipt of this estimate and invoice. Please be aware that the enclosed AFE is only an estimate of costs to be incurred and by electing to participate in the Well, each working interest owner shall be responsible for their proportionate share of all costs incurred.

Sincerely,

  
Cassie Halin

Enclosure(s)

Please elect one of the following and return to sender.

\_\_\_\_\_ GGM Exploration, Inc hereby elects to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Biggers Fed Com #214H well, located in Lea County, New Mexico.

\_\_\_\_\_ GGM Exploration, Inc hereby elects not to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Biggers Fed Com #214H well, located in Lea County, New Mexico.

\_\_\_\_\_ GGM Exploration, Inc is interested in selling its interest in this unit, please contact us to discuss.

GGM Exploration, Inc

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

ONE LINCOLN CENTRE • 5400 LBJ FREEWAY • SUITE 1500 • DALLAS, TEXAS 76240  
Phone (972) 371-5200 • Fax (972) 371-5201

DATE:	January 30, 2018	AFE NO.:	300023 026 01 001
WELL NAME:	Biggers Fed Corn 214H	FIELD:	
LOCATION:	Section 18-25S-35E	MD/TVD:	17478/12718'
COUNTY/STATE:	Lea, NM	LATERAL LENGTH:	about 4500'
MRC WI:			
GEOLOGIC TARGET:	Wolfcamp		
REMARKS:	Onlt, complete and equip a horizontal upper Wolfcamp well with 22 stages		

PREPARED BY MATADOR PRODUCTION COMPANY:

Team Lead - WTX/NM W. TE

Executive VP, COO/CFO	VP - Res Engineering	VP - Onling
OCL	RMP	BG
Executive VP, Legal	Exec Dir - Exploration	
CA	NLR	
President		
MVM		

Company Name: \_\_\_\_\_ Working Interest (%): \_\_\_\_\_ Tax ID: \_\_\_\_\_

Signed by: \_\_\_\_\_ Date: \_\_\_\_\_

Title: \_\_\_\_\_ Approval: Yes \_\_\_\_\_ No (mark one)

THE ABOVE IS FOR THE INFORMATION OF THE OFFICE OF THE ATTORNEY GENERAL AND THE OFFICE OF THE ATTORNEY GENERAL OF THE STATE OF NEW YORK. IT IS REQUESTED THAT YOU ADVISE THE OFFICE OF THE ATTORNEY GENERAL OF THE STATE OF NEW YORK OF ANY DEVELOPMENTS IN THIS MATTER. YOUR COOPERATION IN THIS MATTER IS APPRECIATED.



## MRC Permian Company

One Lincoln Centre • 5400 LBJ Freeway • Suite 1500 • Dallas, Texas 75240  
Voice 972.371.5440 • Fax 214.866.4883  
[chahn@matadorresources.com](mailto:chahn@matadorresources.com)

---

**Cassie Hahn  
Landman**

February 1, 2018

VIA CERTIFIED RETURN RECEIPT MAIL

COGAcreage LP  
2208 West Main Street  
Artesia, NM 88210

Re: Matador Production Company – Biggers Fed Com #214H (the “Well”)  
Participation Proposal  
Section 18, Township 25 South, Range 35 East  
Lea County, New Mexico

Dear COGAcreage LP:

MRC Permian Company (“MRC”) proposes the drilling of Matador Production Company’s Biggers Fed Com #214H well, located in Section 18, Township 25 South, Range 35 East, Lea County, New Mexico to the Wolfcamp formation.

In connection with the above, please note the following:

- The estimated cost of drilling, testing, completing, and equipping the Well is \$8,094,874 as found on the enclosed AFE dated January 30, 2018.
- The proposed surface location of the Well is approximately 59’ FSL and 1226’ FEL of Section 18, Township 25 South, Range 35 East, Lea County, New Mexico. The proposed bottom hole location of the subject well is approximately 240’ FNL and 450’ FEL of Section 18, Township 25 South, Range 35 East, Lea County, New Mexico.
- The Well will have a targeted interval within the Wolfcamp formation. We plan to drill the Well horizontally in the Wolfcamp (~12,718’ TVD) to a Total Measured Depth of approximately 17,478’ resulting in a productive lateral of approximately 4,500’.

MRC reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. MRC will advise you of any such modifications.

COGAcreage LP, will own an approximate 0.01250000 working interest in the Well based on the JOA, subject to title verification.

MRC requests that you indicate your election to participate in the drilling and completion of the Well in the space provided below, sign and return one (1) copy of this letter to the undersigned.

MRC is proposing to drill the Well under the terms of the modified 1989 AAPL form of Operating Agreement which is enclosed for your review and approval. The enclosed Operating Agreement dated March 15, 2018, by and between Matador Production Company, as operator and MRC Permian Company et al as Non-Operators, covers the E2 of Section 18, Township 25 South, Range 35 East, Lea County, New Mexico and has the following general provisions:

- 100/300/300 Non-consenting penalty
- \$7,000/\$700 Drilling and Producing rate
- Matador Production Company named as Operator

If your election is to participate in the drilling and completion of the Well, please sign and return a copy of the enclosed AFE within thirty (30) days of receipt of this notice. Additionally, if your election is to participate, please accept this letter as an invoice notice and request for payment. Please remit payment for your proportionate share of costs in the amount of \$101,185.93 to Matador Production Company on or before thirty (30) days after receipt of this estimate and invoice. Please be aware that the enclosed AFE is only an estimate of costs to be incurred and by electing to participate in the Well, each working interest owner shall be responsible for their proportionate share of all costs incurred. .

Sincerely,

  
Cassie Hahn

Enclosure(s)

Please elect one of the following and return to sender.

\_\_\_\_\_ COGAcreage LP hereby elects to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Biggers Fed Com #214H well, located in Lea County, New Mexico.

\_\_\_\_\_ COGAcreage LP hereby elects not to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Biggers Fed Com #214H well, located in Lea County, New Mexico.

\_\_\_\_\_ COGAcreage LP is interested in selling its interest in this unit, please contact us to discuss.

COGAcreage LP

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

# MATADOR PRODUCTION COMPANY

ONE LINCOLN CENTRE • 5400 LBJ FREEWAY • SUITE 1500 • DALLAS, TEXAS 75240

Phone (972) 371-5200 • Fax (972) 371-5201

## ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

DATE:	January 30, 2018	AFE NO.:	300023 026 01 001
WELL NAME:	Biggers Fed Com 214H	FIELD:	
LOCATION:	Section 18-28S-35E	WOTVD:	17478/12718
COUNTY/STATE:	Lea, NM	LATERAL LENGTH:	about 4500'
MRC WI:			
GEOLOGIC TARGET:	Wolfcamp		
REMARKS:	Drill, complete and equip a horizontal upper Wolfcamp well with 22 stages		

INTANGIBLE COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	FACILITY COSTS	TOTAL COSTS
Land / Legal / Regulatory	\$ 181,500	\$ -	\$ -	\$ -	\$ 181,500
Location, Surveys & Damages	200,500	8,000	4,000	20,000	232,500
Drilling	768,000	-	-	-	768,000
Cementing & Float Equip	227,000	-	-	-	227,000
Logging / Formation Evaluation	-	6,000	-	-	6,000
Mud Logging	27,600	-	-	-	27,600
Mud Circulation System	58,160	-	-	-	58,160
Mud & Chemicals	141,000	30,000	-	-	171,000
Mud / Wastewater Disposal	155,000	-	-	-	155,000
Freight / Transportation	43,200	19,500	-	2,500	65,200
Rig Supervision / Engineering	139,500	39,800	5,400	14,400	199,100
Drill Bits	111,200	-	-	-	111,200
Fuel & Power	126,000	-	-	-	126,000
Water	70,000	326,000	-	-	396,000
Drig & Completion Overhead	10,500	18,000	-	-	28,500
Plugging & Abandonment	-	-	-	-	-
Directional Drilling, Surveys	230,000	-	-	-	230,000
Completion Unit, Swab, CTU	-	70,000	15,000	-	85,000
Perforating, Wireline, Slickline	-	102,300	-	-	102,300
High Pressure Pump Truck	-	38,500	-	-	38,500
Stimulation	-	2,156,000	-	-	2,156,000
Simulation Flowback & Disp	-	150,400	90,000	-	240,400
Insurance	31,320	-	-	-	31,320
Labor	149,000	16,500	4,000	-	169,500
Rental - Surface Equipment	71,500	123,300	3,000	5,000	202,800
Rental - Downhole Equipment	60,000	40,000	-	10,000	110,000
Rental - Living Quarters	51,200	24,300	1,000	-	76,500
Contingency	227,854	101,288	3,240	-	332,359
<b>TOTAL INTANGIBLES &gt;</b>	<b>3,076,034</b>	<b>3,269,916</b>	<b>125,640</b>	<b>51,900</b>	<b>6,523,489</b>

TANGIBLE COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	FACILITY COSTS	TOTAL COSTS
Surface Casing	\$ 56,675	\$ -	\$ -	\$ -	\$ 56,675
Intermediate Casing	153,750	-	-	-	153,750
Drilling Liner	348,475	-	-	-	348,475
Production Casing	289,685	-	-	-	289,685
Production Liner	-	-	-	-	-
Tubing	-	-	50,000	-	50,000
Wellhead	70,000	-	25,000	-	95,000
Packers, Liner Hangers	-	52,800	6,000	-	58,800
Tanks	-	-	-	60,000	60,000
Production Vessels	-	-	83,000	25,000	108,000
Flow Lines	-	-	50,000	-	50,000
Rod string	-	-	-	-	-
Artificial Lift Equipment	-	-	20,000	-	20,000
Compressor	-	-	-	10,000	10,000
Installation Costs	-	-	-	64,000	64,000
Surface Pumps	-	-	5,000	-	5,000
Non-controllable Surface	-	-	-	-	-
Non-controllable Downhole	-	-	-	-	-
Downhole Pumps	-	-	-	-	-
Measurement & Meter Installation	-	-	12,500	49,000	61,500
Gas Conditioning / Dehydration	-	-	-	-	-
Interconnecting Facility Piping	-	-	-	80,000	80,000
Gathering / Bulk Lines	-	-	-	-	-
Valves, Dumps, Controllers	-	-	2,000	4,000	6,000
Tank / Facility Containment	-	-	-	12,500	12,500
Flare Stack	-	-	-	17,500	17,500
Electrical / Grounding	-	-	-	5,000	5,000
Communications / SCADA	-	-	-	7,500	7,500
Instrumentation / Safety	-	-	10,000	22,000	32,000
<b>TOTAL TANGIBLES &gt;</b>	<b>918,686</b>	<b>53,800</b>	<b>243,500</b>	<b>356,500</b>	<b>1,571,385</b>
<b>TOTAL COSTS &gt;</b>	<b>3,994,619</b>	<b>3,322,716</b>	<b>369,140</b>	<b>408,400</b>	<b>8,094,874</b>

### PREPARED BY MATADOR PRODUCTION COMPANY:

Drilling Engineer:	Blake Hennes	Team Lead - WTX/NM	<u>LTE</u>
Completions Engineer:	Waylon Wolf		WTE
Production Engineer:	John Romano		

### MATADOR RESOURCES COMPANY APPROVAL:

Executive VP, COO/CFO	VP - Res Engineering	VP - Drilling
DEL	BWR	BGS
Executive VP, Legal	Exec Dir - Exploration	
CA	KLP	
President		
MVH		

### NON OPERATING PARTNER APPROVAL:

Company Name:	Working Interest (%):	Tax ID:
Signed by:	Date:	
Title:	Approval: Yes No (mark one)	

This AFE is for the AFE number only and may not be required as savings on the basis of the AFE. It is the responsibility of the AFE holder to ensure that the AFE is valid and that the AFE is not used for any other purpose. The AFE holder is responsible for ensuring that the AFE is valid and that the AFE is not used for any other purpose. The AFE holder is responsible for ensuring that the AFE is valid and that the AFE is not used for any other purpose.

## MRC Permian Company

One Lincoln Centre • 5400 LBJ Freeway • Suite 1500 • Dallas, Texas 75240  
Voice 972.371.5440 • Fax 214.866.4883  
[chahn@matadorresources.com](mailto:chahn@matadorresources.com)

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**Cassie Hahn  
Landman**

February 1, 2018

VIA CERTIFIED RETURN RECEIPT MAIL

COGAcreage LP  
2208 West Main Street  
Artesia, NM 88210

Re: Matador Production Company – Biggers Fed Com #217H (the “Well”)  
Participation Proposal  
Section 18, Township 25 South, Range 35 East  
Lea County, New Mexico

Dear COGAcreage LP:

MRC Permian Company (“MRC”) proposes the drilling of Matador Production Company’s Biggers Fed Com #217H well, located in Section 18, Township 25 South, Range 35 East, Lea County, New Mexico to the Wolfcamp formation.

In connection with the above, please note the following:

- The estimated cost of drilling, testing, completing, and equipping the Well is \$8,095,744 as found on the enclosed AFE dated January 30, 2018.
- The proposed surface location of the Well is approximately 59’ FSL and 1256’ FEL of Section 18, Township 25 South, Range 35 East, Lea County, New Mexico. The proposed bottom hole location of the subject well is approximately 240’ FNL and 2250’ FEL of Section 18, Township 25 South, Range 35 East, Lea County, New Mexico.
- The Well will have a targeted interval within the Wolfcamp formation. We plan to drill the Well horizontally in the Wolfcamp (~12,718’ TVD) to a Total Measured Depth of approximately 17,492’ resulting in a productive lateral of approximately 4,500’.

MRC reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. MRC will advise you of any such modifications.

COGAcreage LP, will own an approximate 0.01250000 working interest in the Well based on the JOA, subject to title verification.

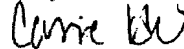
MRC requests that you indicate your election to participate in the drilling and completion of the Well in the space provided below, sign and return one (1) copy of this letter to the undersigned.

MRC is proposing to drill the Well under the terms of the modified 1989 AAPL form of Operating Agreement which is enclosed for your review and approval. The enclosed Operating Agreement dated March 15, 2018, by and between Matador Production Company, as operator and MRC Permian Company et al as Non-Operators, covers the E2 of Section 18, Township 25 South, Range 35 East, Lea County, New Mexico and has the following general provisions:

- 100/300/300 Non-consenting penalty
- \$7,000/\$700 Drilling and Producing rate
- Matador Production Company named as Operator

If your election is to participate in the drilling and completion of the Well, please sign and return a copy of the enclosed AFE within thirty (30) days of receipt of this notice. Additionally, if your election is to participate, please accept this letter as an invoice notice and request for payment. Please remit payment for your proportionate share of costs in the amount of \$101,196.80 to Matador Production Company on or before thirty (30) days after receipt of this estimate and invoice. Please be aware that the enclosed AFE is only an estimate of costs to be incurred and by electing to participate in the Well, each working interest owner shall be responsible for their proportionate share of all costs incurred.

Sincerely,



Cassie Hahn

Enclosure(s)

Please elect one of the following and return to sender.

\_\_\_\_\_ COGAcreage LP hereby elects to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Biggers Fed Com #217H well, located in Lea County, New Mexico.

\_\_\_\_\_ COGAcreage LP hereby elects not to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Biggers Fed Com #217H well, located in Lea County, New Mexico.

\_\_\_\_\_ COGAcreage LP is interested in selling its interest in this unit, please contact us to discuss.

COGAcreage LP

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**MATADOR PRODUCTION COMPANY**  
 ONE LINCOLN CENTRE • 5400 LBJ FREEWAY • SUITE 1500 • DALLAS, TEXAS 75240  
 Phone (972) 371-5200 • Fax (972) 371-5201

**ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE**

DATE:	January 30, 2018	AFE NO.:	300023 027 01 001
WELL NAME:	Biggers Fed Com 217H	FIELD:	
LOCATION:	Section 18-25S-36E	MD/TVD:	17492'/127'18"
COUNTY/STATE:	Lea, NM	LATERAL LENGTH:	about 4500'
MRC W/:			
GEOLOGIC TARGET:	Wolfcamp		
REMARKS:	Drill, complete and equip a horizontal upper Wolfcamp well with 22 stages		

INTANGIBLE COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	FACILITY COSTS	TOTAL COSTS
Land / Legal / Regulatory	\$ 181,500				\$ 181,500
Location, Surveys & Damages	200,500	8,000	4,300	20,000	232,500
Drilling	766,000				766,000
Cementing & Float Equip	227,000				227,000
Logging / Formation Evaluation	-	6,000			6,000
Mud Logging	27,000				27,000
Mud Circulation System	50,160				50,160
Mud & Chemicals	141,000	30,000			171,000
Mud / Wastewater Disposal	155,000				155,000
Freight / Transportation	43,200	19,500		2,500	65,200
Rig Supervision / Engineering	139,900	39,800	5,400	14,400	199,100
Drill Bits	111,200				111,200
Fuel & Power	126,000				126,000
Water	70,000	328,000			398,000
Drig & Completion Overhead	10,500	18,000			28,500
Plugging & Abandonment	-				-
Directional Drilling, Surveys	230,000				230,000
Completion Unit, Swab, CTU	-	70,000	15,000		85,000
Perforating, Wireline, Slickline	-	102,300			102,300
High Pressure Pump Truck	-	38,500			38,500
Stimulation	-	2,158,000			2,158,000
Stimulation Flowback & Disp	-	150,400	90,000		240,400
Insurance	31,320				31,320
Labor	149,000	16,500	4,000		169,500
Rental - Surface Equipment	71,500	123,350	3,000	5,000	202,850
Rental - Downhole Equipment	60,000	40,000		10,000	110,000
Rental - Living Quarters	51,200	24,300	1,000		76,500
Contingency	227,854	101,285	3,240		332,359
<b>TOTAL INTANGIBLES &gt;</b>	<b>3,076,034</b>	<b>\$269,916</b>	<b>125,840</b>	<b>51,900</b>	<b>4,523,489</b>
TANGIBLE COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	FACILITY COSTS	TOTAL COSTS
Surface Casing	\$ 56,875				\$ 56,875
Intermediate Casing	153,750				153,750
Drilling Liner	348,475				348,475
Production Casing	260,555				260,555
Production Liner	-				-
Tubing	-		50,000		50,000
Wellhead	70,000		25,000		95,000
Packers, Liner Hangers	-	52,800	6,000		58,800
Tanks	-			60,000	60,000
Production Vessels	-		63,000	25,000	88,000
Flow Lines	-		50,000		50,000
Rod string	-				-
Artificial Lift Equipment	-		20,000		20,000
Compressor	-				-
Installation Costs	-			64,000	64,000
Surface Pumps	-		5,000		5,000
Non-controllable Surface	-				-
Non-controllable Downhole	-				-
Downhole Pumps	-				-
Measurement & Meter Installation	-		12,500	49,000	61,500
Gas Conditioning / Dehydration	-				-
Interconnecting Facility Piping	-			80,000	80,000
Gathering / Bulk Lines	-				-
Valves, Dumps, Controllers	-		2,000	4,000	6,000
Tank / Facility Containment	-			12,500	12,500
Flare Stack	-			17,500	17,500
Electrical / Grounding	-			5,000	5,000
Communications / SCADA	-			7,500	7,500
Instrumentation / Safety	-		10,000	22,000	32,000
<b>TOTAL TANGIBLES &gt;</b>	<b>919,455</b>	<b>52,800</b>	<b>243,500</b>	<b>356,500</b>	<b>1,572,255</b>
<b>TOTAL COSTS &gt;</b>	<b>3,995,489</b>	<b>3,222,716</b>	<b>369,340</b>	<b>408,400</b>	<b>8,095,744</b>

**PREPARED BY MATADOR PRODUCTION COMPANY:**

Drilling Engineer: <u>Alex Hines</u>	Team Lead - WTX/NM <u>WTE</u>
Completions Engineer: <u>Wayan Wall</u>	
Production Engineer: <u>John Panning</u>	

**MATADOR RESOURCES COMPANY APPROVAL:**

Executive VP, COO/CFO <u>DEL</u>	VP - Res Engineering <u>GMR</u>	VP - Drilling <u>GG</u>
Executive VP, Legal <u>CA</u>	Exec Dir - Exploration <u>PLF</u>	
President <u>WVW</u>		

**NON OPERATING PARTNER APPROVAL:**

Company Name: _____	Working Interest (%): _____	Tax ID: _____
Signed by: _____	Date: _____	
Title: _____	Approval: <u>Yes</u> <u>No</u> (mark one)	

## MRC Permian Company

One Lincoln Centre • 5400 LBJ Freeway • Suite 1500 • Dallas, Texas 75240  
Voice 972.371.5440 • Fax 214.866.4883  
[chahn@matadorresources.com](mailto:chahn@matadorresources.com)

---

**Cassie Hahn  
Landman**

February 1, 2018

VIA CERTIFIED RETURN RECEIPT MAIL

GGM Exploration, Inc  
420 Throckmorton, Suite #200  
Fort Worth, TX 76102

Re: Matador Production Company – Biggers Fed Com #217H (the “Well”)  
Participation Proposal  
Section 18, Township 25 South, Range 35 East  
Lea County, New Mexico

Dear GGM Exploration, Inc:

MRC Permian Company (“MRC”) proposes the drilling of Matador Production Company’s Biggers Fed Com #217H well, located in Section 18, Township 25 South, Range 35 East, Lea County, New Mexico to the Wolfcamp formation.

In connection with the above, please note the following:

- The estimated cost of drilling, testing, completing, and equipping the Well is \$8,095,744 as found on the enclosed AFE dated January 30, 2018.
- The proposed surface location of the Well is approximately 59’ FSL and 1256’ FEL of Section 18, Township 25 South, Range 35 East, Lea County, New Mexico. The proposed bottom hole location of the subject well is approximately 240’ FNL and 2250’ FEL of Section 18, Township 25 South, Range 35 East, Lea County, New Mexico.
- The Well will have a targeted interval within the Wolfcamp formation. We plan to drill the Well horizontally in the Wolfcamp (–12,718’ TVD) to a Total Measured Depth of approximately 17,492’ resulting in a productive lateral of approximately 4,500’.

MRC reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. MRC will advise you of any such modifications.

GGM Exploration, Inc, will own an approximate 0.00068750 working interest in the Well based on the JOA, subject to title verification.

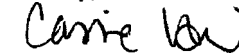
MRC requests that you indicate your election to participate in the drilling and completion of the Well in the space provided below, sign and return one (1) copy of this letter to the undersigned.

MRC is proposing to drill the Well under the terms of the modified 1989 AAPL form of Operating Agreement which is enclosed for your review and approval. The enclosed Operating Agreement dated March 15, 2018, by and between Matador Production Company, as operator and MRC Permian Company et al as Non-Operators, covers the E2 of Section 18, Township 25 South, Range 35 East, Lea County, New Mexico and has the following general provisions:

- 100/300/300 Non-consenting penalty
- \$7,000/\$700 Drilling and Producing rate
- Matador Production Company named as Operator

If your election is to participate in the drilling and completion of the Well, please sign and return a copy of the enclosed AFE within thirty (30) days of receipt of this notice. Additionally, if your election is to participate, please accept this letter as an invoice notice and request for payment. Please remit payment for your proportionate share of costs in the amount of \$5,565.82 to Matador Production Company on or before thirty (30) days after receipt of this estimate and invoice. Please be aware that the enclosed AFE is only an estimate of costs to be incurred and by electing to participate in the Well, each working interest owner shall be responsible for their proportionate share of all costs incurred. .

Sincerely,



Cassie Hahn

Enclosure(s)

Please elect one of the following and return to sender.

\_\_\_\_\_ GGM Exploration, Inc hereby elects to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Biggers Fed Com #217H well, located in Lea County, New Mexico.

\_\_\_\_\_ GGM Exploration, Inc hereby elects not to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Biggers Fed Com #217H well, located in Lea County, New Mexico.

\_\_\_\_\_ GGM Exploration, Inc is interested in selling its interest in this unit, please contact us to discuss.

GGM Exploration, Inc

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



# MATADOR PRODUCTION COMPANY

ONE LINCOLN CENTRE • 5400 LBJ FREEWAY • SUITE 1500 • DALLAS, TEXAS 75240

Phone (972) 371-5200 • Fax (972) 371-5201

## ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

DATE:	January 30, 2018	AFE NO.:	303023 027 01 001
WELL NAME:	Biggers Fed Com 217H	FIELD:	
LOCATION:	Section 18-25S-35E	MD/TVD:	17492'/12718'
COUNTY/STATE:	Lea, NM	LATERAL LENGTH:	about 4500'
MRC W/:			
GEOLOGIC TARGET:	Wolfcamp		
REMARKS:	Drill, complete and equip a horizontal upper Wolfcamp well with 22 stages		

INTANGIBLE COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	FACILITY COSTS	TOTAL COSTS
Land / Legal / Regulatory	\$ 181,500	\$ -	\$ -	\$ -	\$ 181,500
Location, Surveys & Damages	200,500	8,000	4,000	20,000	232,500
Drilling	766,000	-	-	-	766,000
Cementing & Float Equip	227,000	-	-	-	227,000
Logging / Formation Evaluation	-	6,000	-	-	6,000
Mud Logging	27,600	-	-	-	27,600
Mud Circulation System	50,160	-	-	-	50,160
Mud & Chemicals	141,000	30,000	-	-	171,000
Mud / Wastewater Disposal	155,000	-	-	-	155,000
Freight / Transportation	43,200	19,500	-	2,500	65,200
Rig Supervision / Engineering	139,500	39,800	5,400	14,400	189,100
Drill Bits	111,200	-	-	-	111,200
Fuel & Power	126,000	-	-	-	126,000
Water	70,000	328,000	-	-	398,000
Drig & Completion Overhead	10,500	18,000	-	-	28,500
Plugging & Abandonment	-	-	-	-	-
Directional Drilling, Surveys	230,000	-	-	-	230,000
Completion Unit, Swab, CTU	-	70,000	15,000	-	85,000
Perforating, Wireline, Slickline	-	102,300	-	-	102,300
High Pressure Pump Truck	-	38,500	-	-	38,500
Stimulation	-	2,156,000	-	-	2,156,000
Stimulation Flowback & Disp	-	150,400	90,000	-	240,400
Insurance	31,320	-	-	-	31,320
Labor	149,000	16,500	4,000	-	169,500
Rental - Surface Equipment	71,500	123,350	3,000	5,000	203,850
Rental - Downhole Equipment	60,000	40,000	-	10,000	110,000
Rental - Living Quarters	51,200	24,300	1,000	-	76,500
Contingency	227,854	101,285	3,240	-	332,359
<b>TOTAL INTANGIBLES &gt;</b>	<b>3,076,034</b>	<b>3,269,915</b>	<b>125,640</b>	<b>51,900</b>	<b>6,523,489</b>
TANGIBLE COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	FACILITY COSTS	TOTAL COSTS
Surface Casing	\$ 56,875	\$ -	\$ -	\$ -	\$ 56,875
Intermediate Casing	153,750	-	-	-	153,750
Drilling Liner	348,475	-	-	-	348,475
Production Casing	290,555	-	-	-	290,555
Production Liner	-	-	-	-	-
Tubing	-	-	50,000	-	50,000
Wellhead	70,000	-	25,000	-	95,000
Packers, Liner Hangers	-	52,800	6,000	-	58,800
Tanks	-	-	-	60,000	60,000
Production Vessels	-	-	63,000	25,000	88,000
Flow Lines	-	-	50,000	-	50,000
Rod string	-	-	-	-	-
Artificial Lift Equipment	-	-	20,000	-	20,000
Compressor	-	-	-	10,000	10,000
Installation Costs	-	-	-	64,000	64,000
Surface Pumps	-	-	5,000	-	5,000
Non-controllable Surface	-	-	-	-	-
Non-controllable Downhole	-	-	-	-	-
Downhole Pumps	-	-	-	-	-
Measurement & Meter Installation	-	-	12,500	49,000	61,500
Gas Conditioning / Dehydration	-	-	-	-	-
Interconnecting Facility Piping	-	-	-	60,000	60,000
Gathering / Bulk Lines	-	-	-	-	-
Valves, Dumps, Controllers	-	-	2,000	4,000	6,000
Tank / Facility Containment	-	-	-	12,500	12,500
Flare Stack	-	-	-	17,500	17,500
Electrical / Grounding	-	-	-	5,000	5,000
Communications / SCADA	-	-	-	7,500	7,500
Instrumentation / Safety	-	-	10,000	22,000	32,000
<b>TOTAL TANGIBLES &gt;</b>	<b>919,455</b>	<b>52,800</b>	<b>243,500</b>	<b>366,500</b>	<b>1,572,255</b>
<b>TOTAL COSTS &gt;</b>	<b>3,995,489</b>	<b>3,322,715</b>	<b>369,140</b>	<b>408,400</b>	<b>8,095,744</b>

### PREPARED BY MATADOR PRODUCTION COMPANY:

Drilling Engineer: <u>Blake Meadows</u>	Team Lead - WTKNM <u>WTE</u>
Completion Engineer: <u>Waylon Wall</u>	WTE
Production Engineer: <u>John Roquemore</u>	

### MATADOR RESOURCES COMPANY APPROVAL:

Executive VP, COO/CFO <u>DEL</u>	VP - Res Engineering <u>BNR</u>	VP - Drilling <u>gg</u>
Executive VP, Legal <u>CA</u>	Exec Dir - Exploration <u>NLF</u>	
President <u>gyp</u>		

### NON OPERATING PARTNER APPROVAL:

Company Name: _____	Working Interest (%): _____	Tax ID: _____
Signed by: _____	Date: _____	
Title: _____	Approval: <u>Yes</u> <u>No</u> (mark one)	

By signing this AFE, the Non-Operating Partner agrees to be bound by the terms and conditions of the AFE, including the terms and conditions of the Lease, and to indemnify and hold the Operator harmless from and against all claims, damages, losses, and expenses, including reasonable attorneys' fees, that may be asserted against or incurred by the Operator or its affiliates in connection with the operations of the well, whether or not such claims, damages, losses, and expenses are caused in whole or in part by the negligence of the Non-Operating Partner. The Non-Operating Partner's obligation to indemnify and hold the Operator harmless shall survive the termination or expiration of the AFE and the Lease.

**JAMES BRUCE**  
ATTORNEY AT LAW

POST OFFICE BOX 1056  
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213  
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)  
(505) 660-6612 (Cell)  
(505) 982-2151 (Fax)

jamesbruce@aol.com

May 10, 2018

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

To: Persons on Exhibit A

Ladies and gentlemen:

Enclosed are copies of the following applications filed with the New Mexico Oil Conservation Division by Matador Production Company:

1. Case No. 16178, for a non-standard spacing and proration unit, and unorthodox well location, and compulsory pooling, regarding the Biggers Fed. Com. Well Nos. 203H, a Wolfcamp well in the W/2E/2 of Section 18;
2. Case No. 16179, for a non-standard spacing and proration unit and compulsory pooling, regarding the Biggers Fed. Com. Well No. 214H, a Wolfcamp well in the E/2E/2 of Section 18; and
3. Case No. 16180, for a non-standard spacing and proration unit and compulsory pooling, regarding the Biggers Fed. Com. Well Nos. 217H, a Wolfcamp well in the W/2E/2 of Section 18,

all in Township 25 South, Range 35 East, NMPM, Lea County, New Mexico.

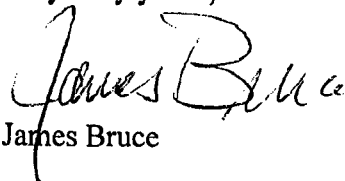
These matters are scheduled for hearing at 8:15 a.m. on Thursday, May 31, 2018, in Porter Hall at the Division's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest that may be affected by these applications, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting these matters at a later date.

A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than Thursday, May 21, 2018. This statement must be filed with the Division's Santa Fe office at the above address, and should include: The names of the party and

EXHIBIT

its attorney; a concise statement of the case; the names of the witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to the undersigned.

Very truly yours,

A handwritten signature in cursive script that reads "James Bruce". The signature is written in dark ink and is positioned above the printed name.

James Bruce

Attorney for Matador Production Company

EXHIBIT A

COG Operating LLC  
COG Acreage LP  
600 West Illinois Avenue  
Midland, Texas 79701

GCM Exploration, Inc.  
Suite 200  
420 Throckmorton  
Fort Worth, Texas 76102

TD Minerals LLC  
Suite 900  
8110 Westchester Drive  
Dallas, Texas 75225

David Lloyd Cook  
P.O. Box 33703  
Fort Worth, Texas 76162

Heirs or Devisees of John C. Sparling  
14227 Turtle Rock Drive  
San Antonio, Texas 78232

The Ohio State University  
2003 Millikin Road  
Columbus, Ohio 42310

West Texas A & M University  
2403 Russell Long Blvd.  
Canyon, Texas 79015

Complete items 1, 2, and 3.

Print your name and address on the reverse so that we can return the card to you.

Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

COG Operating LLC  
COG Acreage LP  
600 West Illinois Avenue  
Midland, Texas 79701

5990 9402 3866 8060 2120

2. 7017 2680 0000 1763 6370

PS Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name) *[Signature]* C. Date of Delivery *5/17/18*

D. Is delivery address different from item 1? ☐ Yes ☐ No  
If YES, enter delivery address below:

3. Service Type

☐ Adult Signature ☐ Priority Mail Express®  
☐ Adult Signature Restricted Delivery ☐ Registered Mail™  
☐ Certified Mail® ☐ Registered Mail Restricted Delivery  
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise  
☐ Collect on Delivery ☐ Signature Confirmation™  
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery

U.S. Postal Service™  
CERTIFIED MAIL® RECEIPT  
Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

OFFICIAL USE

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$  
☐ Return Receipt (electronic) \$  
☐ Certified Mail Restricted Delivery \$  
☐ Adult Signature Required \$  
☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To West Texas A & M University  
2403 Russell Long Blvd.  
Canyon, Texas 79015

Street and Apt. No., or P.O. Box  
City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

U.S. Postal Service™  
CERTIFIED MAIL® RECEIPT  
Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

OFFICIAL USE

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$  
☐ Return Receipt (electronic) \$  
☐ Certified Mail Restricted Delivery \$  
☐ Adult Signature Required \$  
☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To COG Operating LLC  
COG Acreage LP  
600 West Illinois Avenue  
Midland, Texas 79701

Street and Apt. No., or P.O. Box  
City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

Complete items 1, 2, and 3.

Print your name and address on the reverse so that we can return the card to you.

Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

West Texas A & M University  
2403 Russell Long Blvd.  
Canyon, Texas 79015

9590 9402 3866 8060 2729 21

2. Art 7017 2680 0000 1762 7705

PS Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name) *C. Laxton* C. Date of Delivery *5-17-18*

D. Is delivery address different from item 1? ☐ Yes ☐ No  
If YES, enter delivery address below:

3. Service Type

☐ Adult Signature ☐ Priority Mail Express®  
☐ Adult Signature Restricted Delivery ☐ Registered Mail™  
☐ Certified Mail® ☐ Registered Mail Restricted Delivery  
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise  
☐ Collect on Delivery ☐ Signature Confirmation™  
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

## 1. Article Addressed to:

TD Minerals LLC  
Suite 900  
8110 Westchester Drive  
Dallas, Texas 75225

9590 9402 3866 8060 2729 69

## 2. Article Number (Transfer from service label)

7017 2680 0000 1763 6356

PS Form 3811, July 2015 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X *Cathy Loure*

- ☐ Agent  
☐ Addressee

## B. Received by (Printed Name)

*Cathy Loure*

## C. Date of Delivery

5/17/18

## D. Is delivery address different from item 1?

If YES, enter delivery address below:

- ☐ Yes  
☐ No

## 3. Service Type

- ☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☒ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Collect on Delivery  
☐ Collect on Delivery Restricted Delivery  
☐ Priority Mail Express®  
☐ Registered Mail™  
☐ Registered Mail Restricted Delivery  
☐ Return Receipt for Merchandise  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

ii Restricted Delivery

Domestic Return Receipt

U.S. Postal Service™  
CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

OFFICIAL USE

## Certified Mail Fee

\$

## Extra Services &amp; Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$  
☐ Return Receipt (electronic) \$  
☐ Certified Mail Restricted Delivery \$  
☐ Adult Signature Required \$  
☐ Adult Signature Restricted Delivery \$

## Postage

\$

## Total Postage and Fees

\$

## Sent To

David Lloyd Cook

## Street and Apt. No., or

P.O. Box 33703

Fort Worth, Texas 76162

## City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

Postmark  
Here

7017 2680 0000 1762 7736

U.S. Postal Service™  
CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

OFFICIAL USE

## Certified Mail Fee

\$

## Extra Services &amp; Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$  
☐ Return Receipt (electronic) \$  
☐ Certified Mail Restricted Delivery \$  
☐ Adult Signature Required \$  
☐ Adult Signature Restricted Delivery \$

## Postage

\$

## Total Postage and Fees

\$

## Sent To

TD Minerals LLC

## Street and Apt. No., or PO Box

Suite 900

8110 Westchester Drive

Dallas, Texas 75225

## City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

Postmark  
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## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

## 1. Article Addressed to:

David Lloyd Cook  
P.O. Box 33703  
Fort Worth, Texas 76162

9590 9402 3866 8060 2729 69

## 2. Article

7017 2680 0000 1762 7736

PS Form 3811, July 2015 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X *David Lloyd Cook*

- ☐ Agent  
☐ Addressee

## B. Received by (Printed Name)

*David Lloyd Cook*

## C. Date of Delivery

Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

## 3. Service Type

- ☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☒ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Collect on Delivery  
☐ Collect on Delivery Restricted Delivery  
☐ Priority Mail Express®  
☐ Registered Mail™  
☐ Registered Mail Restricted Delivery  
☐ Return Receipt for Merchandise  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

ed Delivery

Domestic Return Receipt

MAY 22 2018

7017 2680 0000 1763 6356

Mat Big

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

## 1. Article Addressed to:

Heirs or Devises of John C. Sparling  
14227 Turtle Rock Drive  
San Antonio, Texas 78232

9590 9402 3866 8060 2729 45

## 2. Article Number (Transfer from previous label)

7017 2680 0000 1762 7729

PS Form 3811, July 2015 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X

- ☐ Agent  
☐ Addressee

## B. Received by (Printed Name)

## C. Date of Delivery

5-22-18

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

## 3. Service Type

- ☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☒ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Collect on Delivery  
☐ Certified Mail Restricted Delivery  
☐ Priority Mail Express®  
☐ Registered Mail™  
☐ Registered Mail Restricted Delivery  
☐ Return Receipt for Merchandise  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

(over \$500)

Restricted Delivery

Domestic Return Receipt

U.S. Postal Service™  
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Domestic Mail OnlyFor delivery information, visit our website at [www.usps.com](http://www.usps.com)®

OFFICIAL USE

## Certified Mail Fee

\$

## Extra Services &amp; Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$  
☐ Return Receipt (electronic) \$  
☐ Certified Mail Restricted Delivery \$  
☐ Adult Signature Required \$  
☐ Adult Signature Restricted Delivery \$

## Postage

\$

## Total Postage and Fees

\$

## Sent To

GCM Exploration, Inc.

Suite 200

420 Throckmorton

Street and Apt. No., Fort Worth, Texas 76102

## City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

Postmark  
Here

7017 2680 0000 1762 7729

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Domestic Mail OnlyFor delivery information, visit our website at [www.usps.com](http://www.usps.com)®

OFFICIAL USE

## Certified Mail Fee

\$

## Extra Services &amp; Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$  
☐ Return Receipt (electronic) \$  
☐ Certified Mail Restricted Delivery \$  
☐ Adult Signature Required \$  
☐ Adult Signature Restricted Delivery \$

## Postage

\$

## Total Postage and Fees

\$

## Sent To

Heirs or Devises of John C. Sparling

14227 Turtle Rock Drive

Street and Apt. No., San Antonio, Texas 78232

## City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

Postmark  
Here

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

## 1. Article Addressed to:

GCM Exploration, Inc.  
Suite 200  
420 Throckmorton  
Fort Worth, Texas 76102

9590 9402 3866 8060 2729 45

## 2. Article Number (Transfer from previous label)

7017 2680 0000 1763 6363

PS Form 3811, July 2015 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X

- ☐ Agent  
☐ Addressee

## B. Received by (Printed Name)

## C. Date of Delivery

5/17/18

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

## 3. Service Type

- ☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☒ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Collect on Delivery  
☐ Collect on Delivery Restricted Delivery  
☐ Priority Mail Express®  
☐ Registered Mail™  
☐ Registered Mail Restricted Delivery  
☐ Return Receipt for Merchandise  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

(over \$500)

Restricted Delivery

Domestic Return Receipt

Mat Big

7017 2680 0000 1762 7729

7017 2680 0000 1762 7712

**U.S. Postal Service™**  
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*Domestic Mail Only*

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®

**OFFICIAL USE**

Certified Mail Fee	
\$	
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$ _____
<input type="checkbox"/> Return Receipt (electronic)	\$ _____
<input type="checkbox"/> Certified Mail Restricted Delivery	\$ _____
<input type="checkbox"/> Adult Signature Required	\$ _____
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____

Postmark  
Here

Postage	
\$	
Total Postage and Fees	
\$	

Sent To	The Ohio State University
Street and Apt. No., or	2003 Millikin Road
City, State, ZIP+4®	Columbus, Ohio 42310



Offset Operators or Working Interest Owners

E/2 Section and E/2SW/4 Section 7

COG Operating LLC

Section 8

EOG Resources, Inc.

W/2 Section 17

Matador Production Company

W/2 and N/2NE/4 Section 20

COG Operating LLC

E/2 and E/2W/2 Section 19

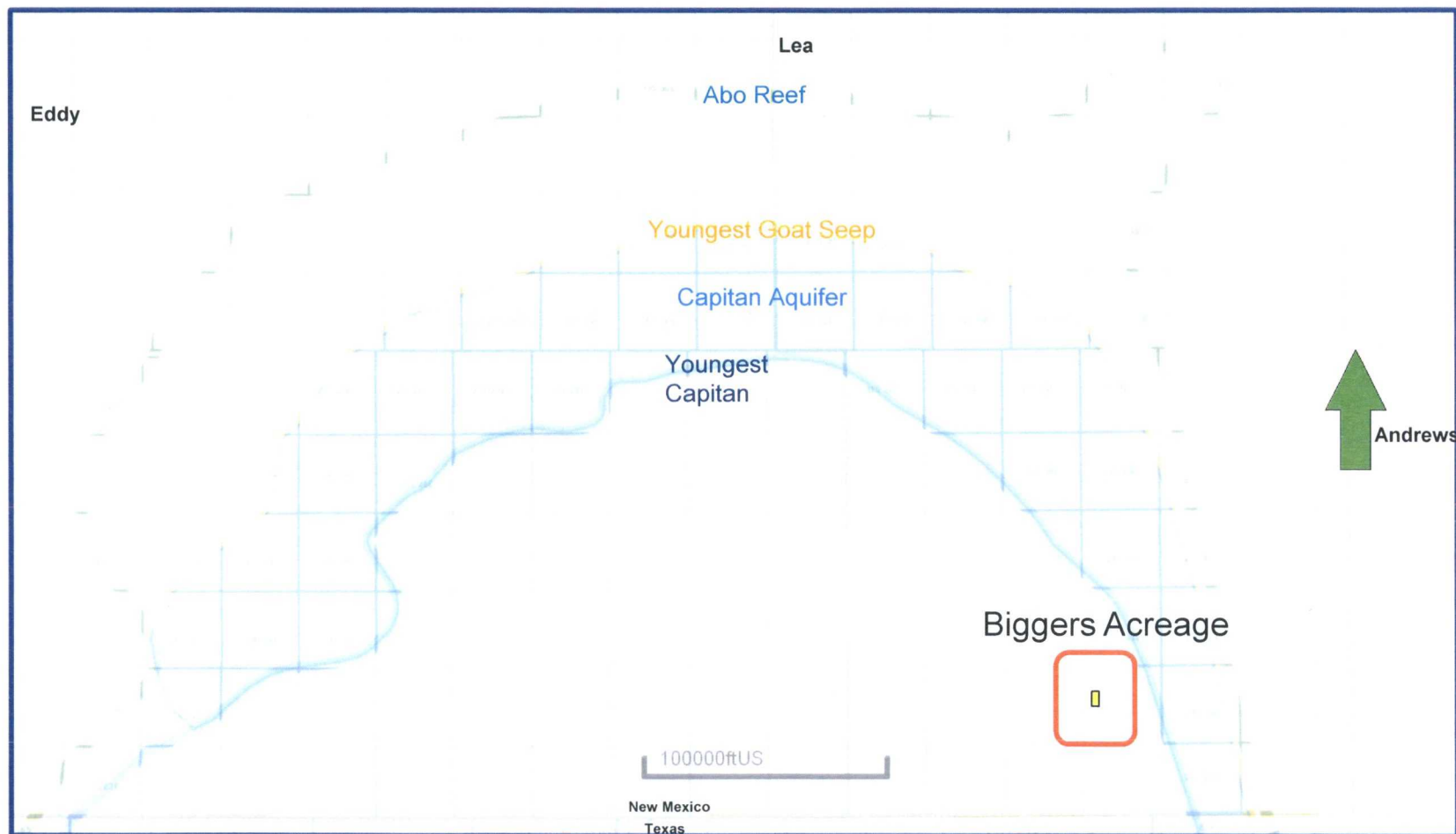
Energen Resources Company

W/2 Section 18

Matador Production Company

# Dogie Draw; Wolfcamp, (Pool Code 17980) Locator Map

Matador  
Exhibit 6

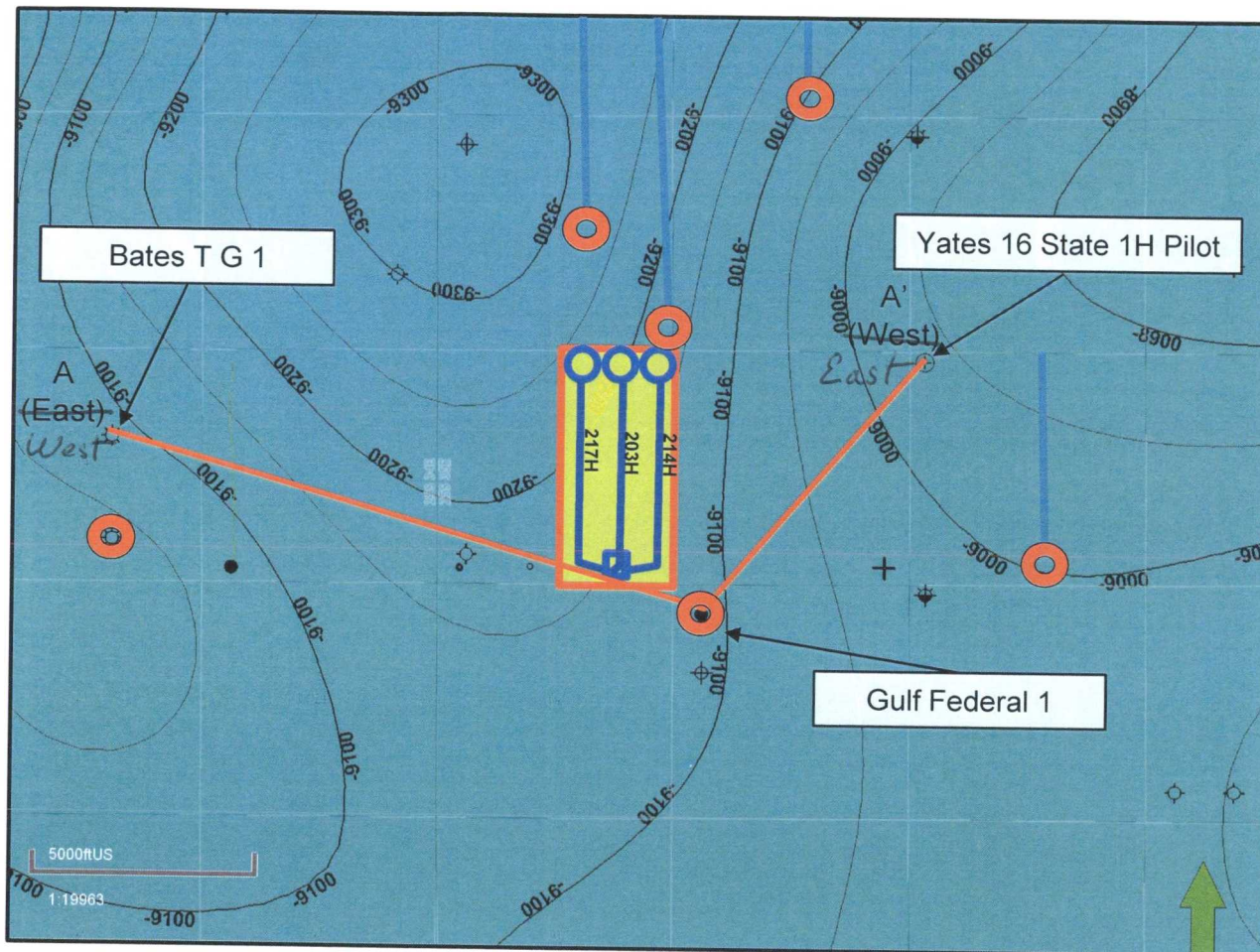


Biggers Fed Com #203H, #214H & #217H




# Dogie Draw; Wolfcamp, (Pool Code 17980) Wolfcamp Structure Map

Matador  
Exhibit 7



## Map Legend

- BHL  Matador – Horizontal Location
- SHL 
-  Project Area
-  Wolfcamp Producer

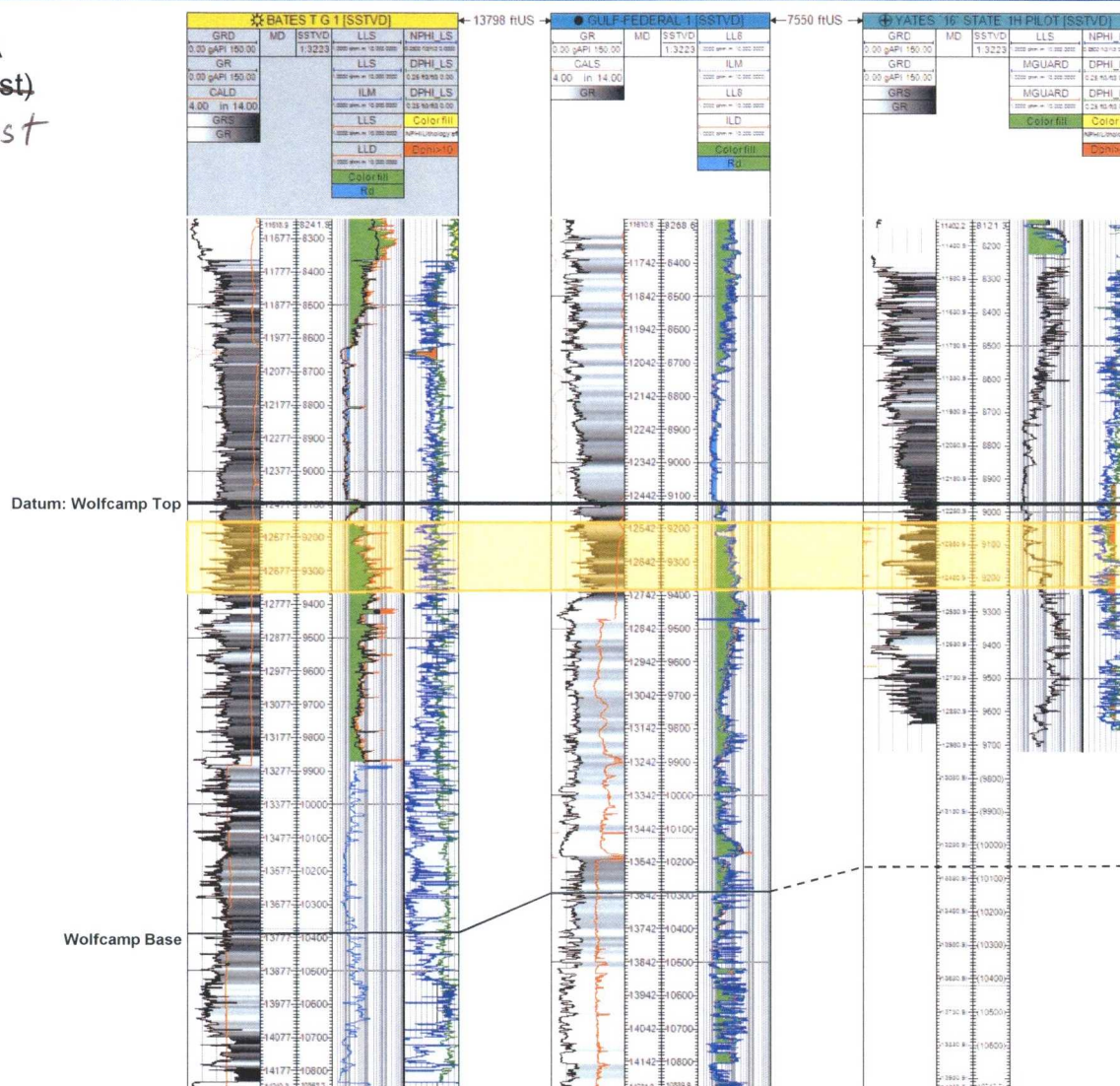
C.I. = 50'



# Dogie Draw; Wolfcamp, (Pool Code 17980) Stratigraphic Cross Section (Top of Wolfcamp Subsea)

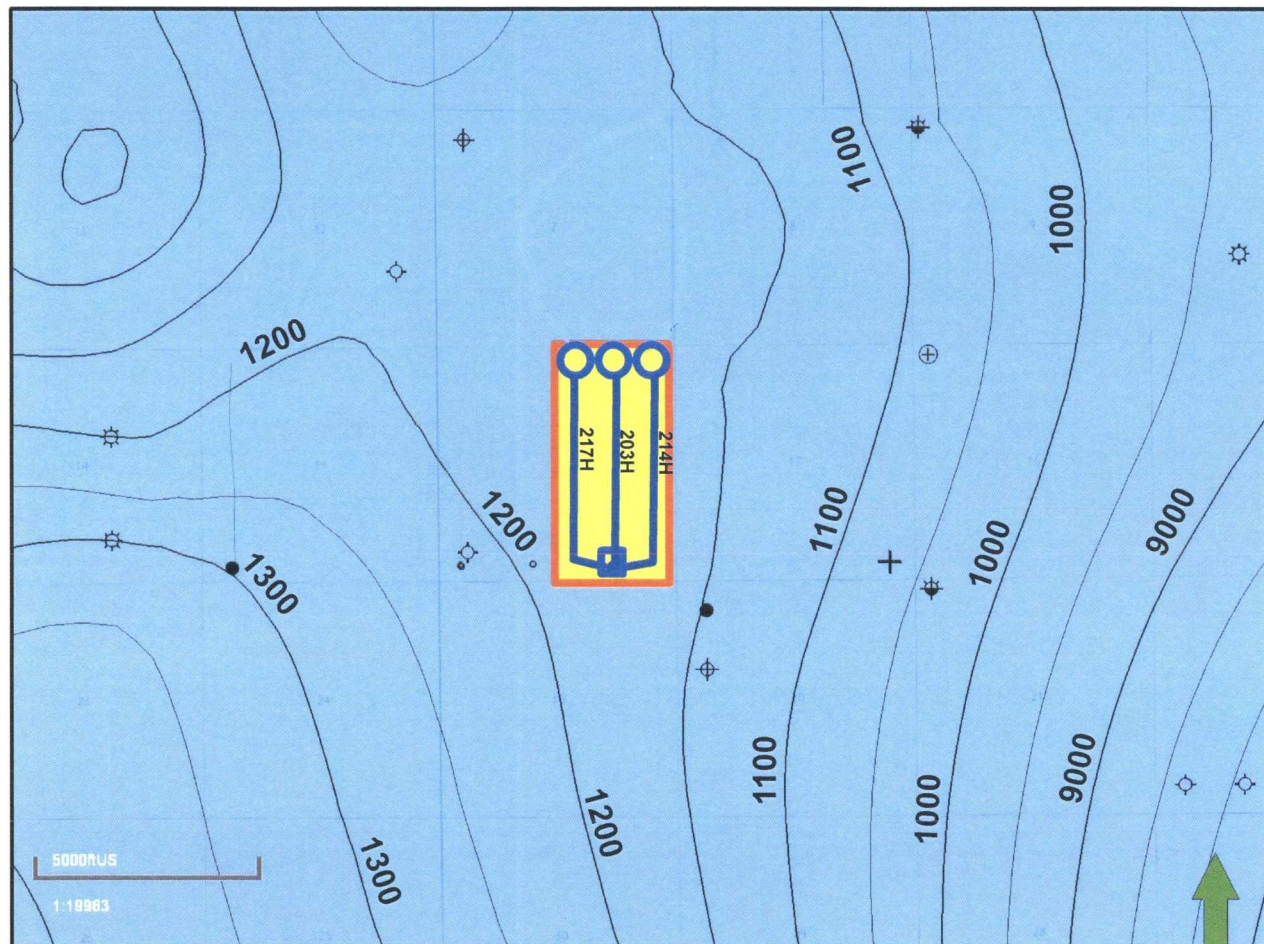
A  
(East)  
West

A'  
(West)  
East



# Dogie Draw; Wolfcamp, (Pool Code 17980) Wolfcamp Isopach

Matador  
Exhibit 9



## Map Legend

BHL  Matador -  
Horizontal  
Location

SHL 

 Project  
Area

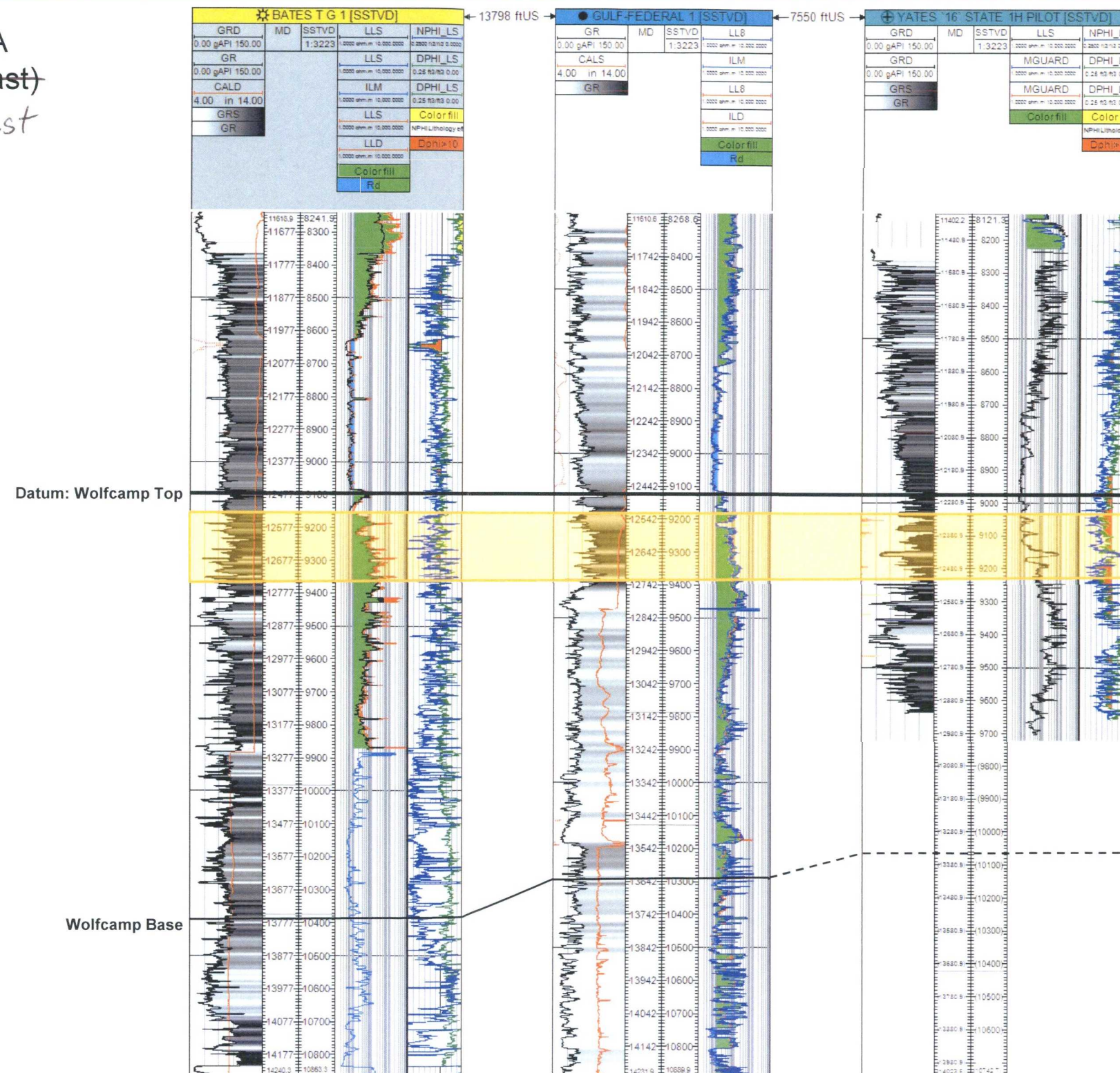
C.I. = 50'



# Dogie Draw; Wolfcamp, (Pool Code 17980) Stratigraphic Cross Section (Top of Wolfcamp Subsea)

Matador  
Exhibit 8

A  
(East)  
West



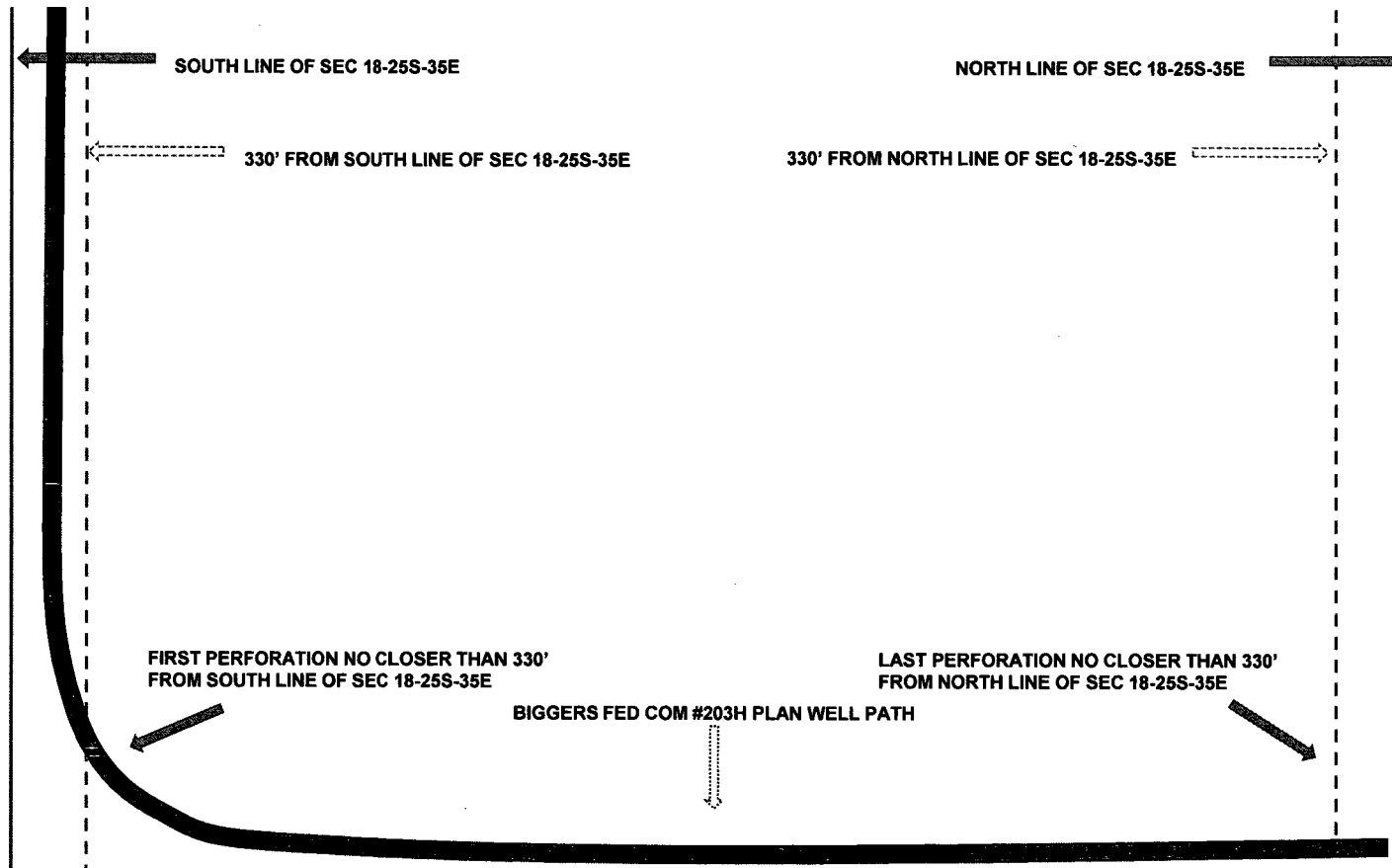
A'  
(West)  
East

# Dogie Draw; Wolfcamp, (Pool Code 17980) Biggers Fed Com #203H Completion

Matador  
Exhibit 10A

Biggers Fed Com #203H  
SURFACE HOLE 90' FSL 1256' FEL OF SEC 18-25S-35E

DIAGRAM NOT DRAWN TO  
SCALE



Biggers Fed Com #203H

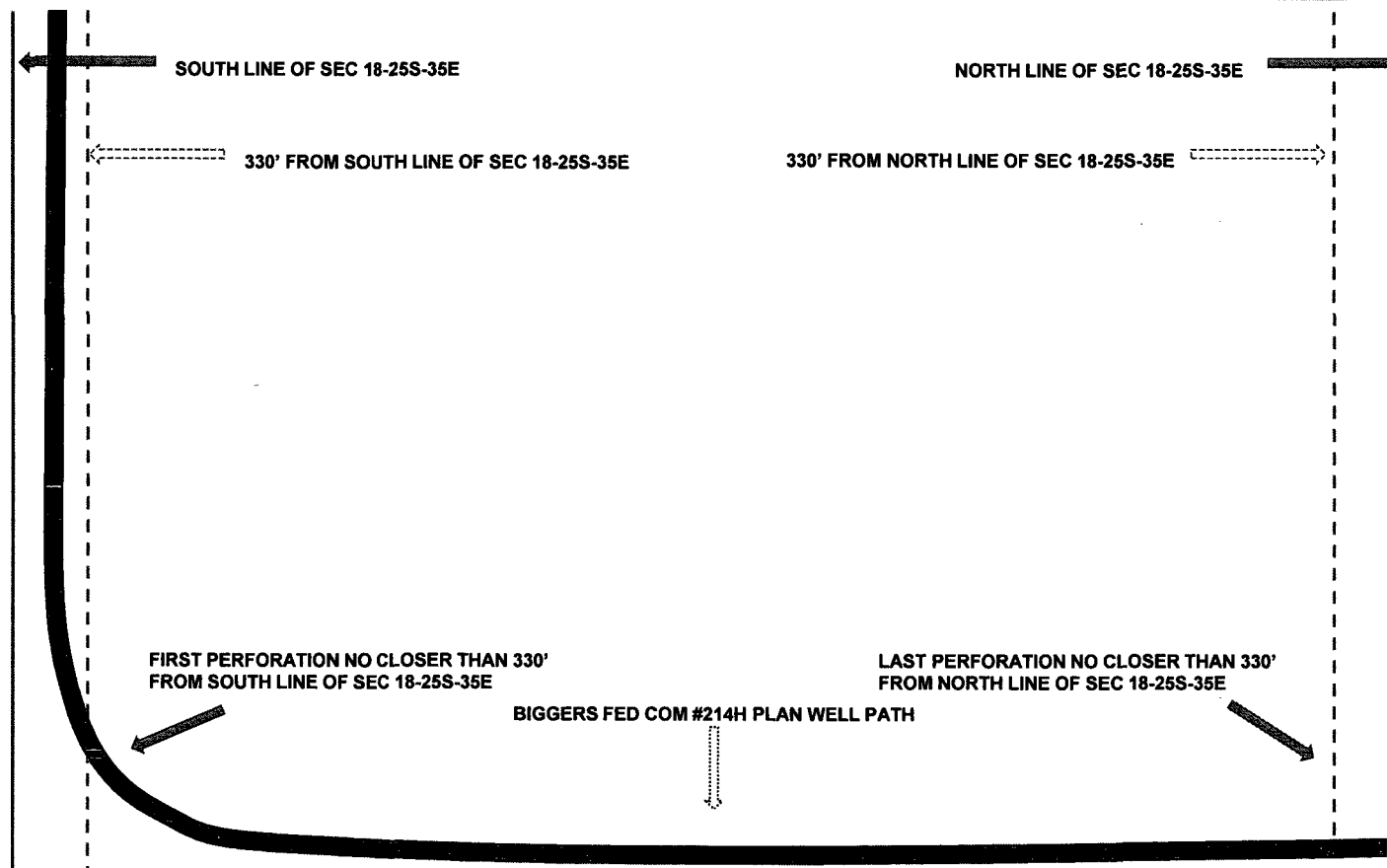


# Dogie Draw; Wolfcamp, (Pool Code 17980) Biggers Fed Com #214H Completion

Matador  
Exhibit 10B

Biggers Fed Com #214  
SURFACE HOLE 59' FSL 1226' FEL OF SEC 18-25S-35E

DIAGRAM NOT DRAWN TO  
SCALE



Biggers Fed Com #214H



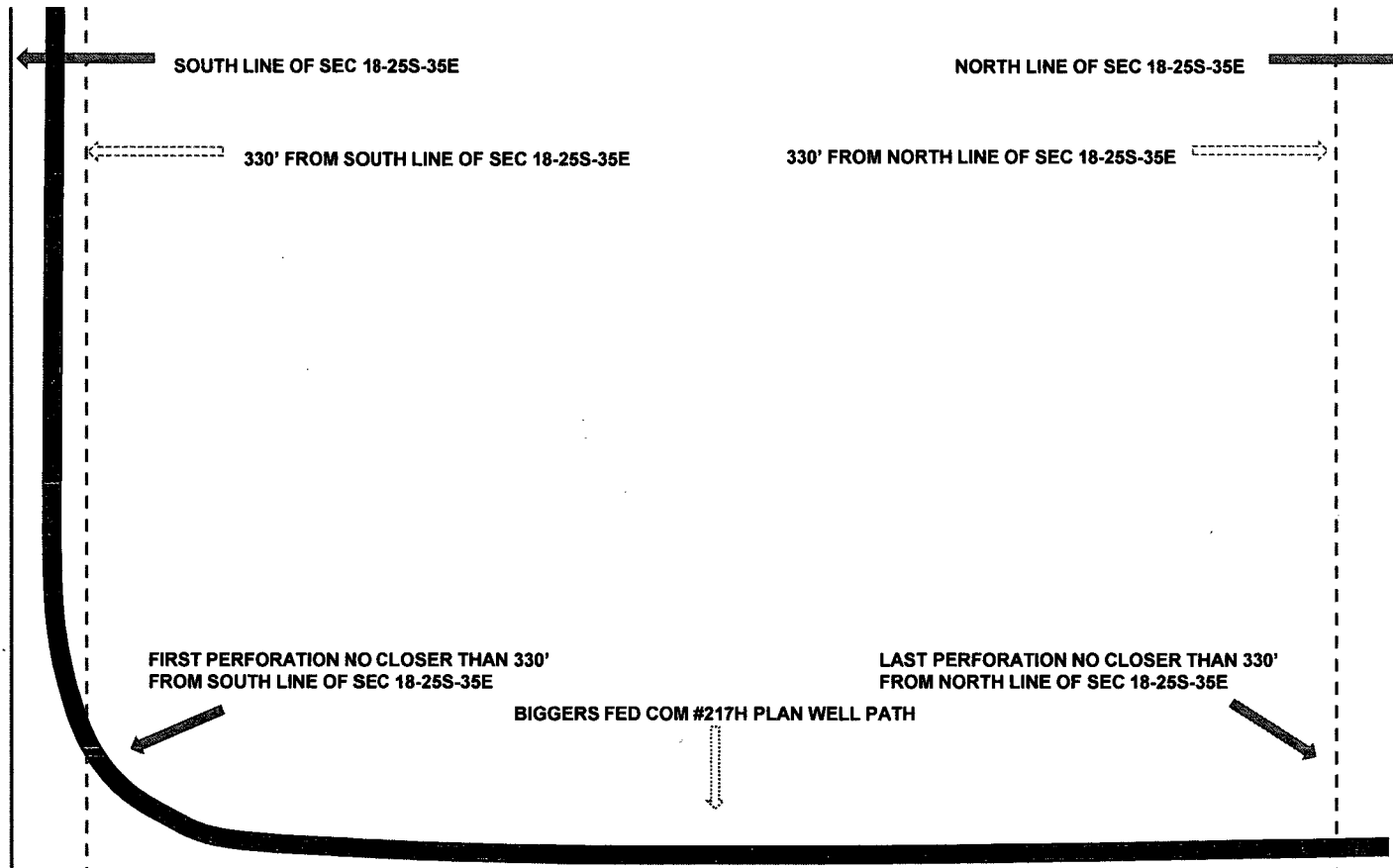


# Dogie Draw; Wolfcamp, (Pool Code 17980) Biggers Fed Com #217H Completion

Matador  
Exhibit 10C

Biggers Fed Com #217H  
SURFACE HOLE 59' FSL 1256' FEL OF SEC 18-25S-35E

DIAGRAM NOT DRAWN TO  
SCALE



Biggers Fed Com #217H

