

# **MATADOR PRODUCTION COMPANY**

**Leslie Fed Com**

**Nos. 201H, 215H and 202H**

**Cases 16181 and 16182**

**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  
LESLIE COUNTY, NEW MEXICO**



CASE NOS. 16181 & 16182

May 31, 2018

**EXHIBIT NOTEBOOK**

**Leslie Fed Com #201H, #215H & #202H**

- |            |   |
|------------|---|
| 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 | Leslie Fed Com Wells' Completions           |

HOBBS

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

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

FEB 28 2018

RECEIVED

AMENDED REPORT

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) 748-0720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6173 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Sante Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025- <b>44544</b>		<sup>2</sup> Pool Code 17980	<sup>3</sup> Pool Name DOGIE DRAW; WOLFCAMP
<sup>4</sup> Property Code <b>320549</b>	<sup>5</sup> Property Name LESLIE FED COM		<sup>6</sup> Well Number #201H
<sup>7</sup> OGRID No. 228937	<sup>8</sup> Operator Name MATADOR PRODUCTION COMPANY		<sup>9</sup> Elevation 3311'

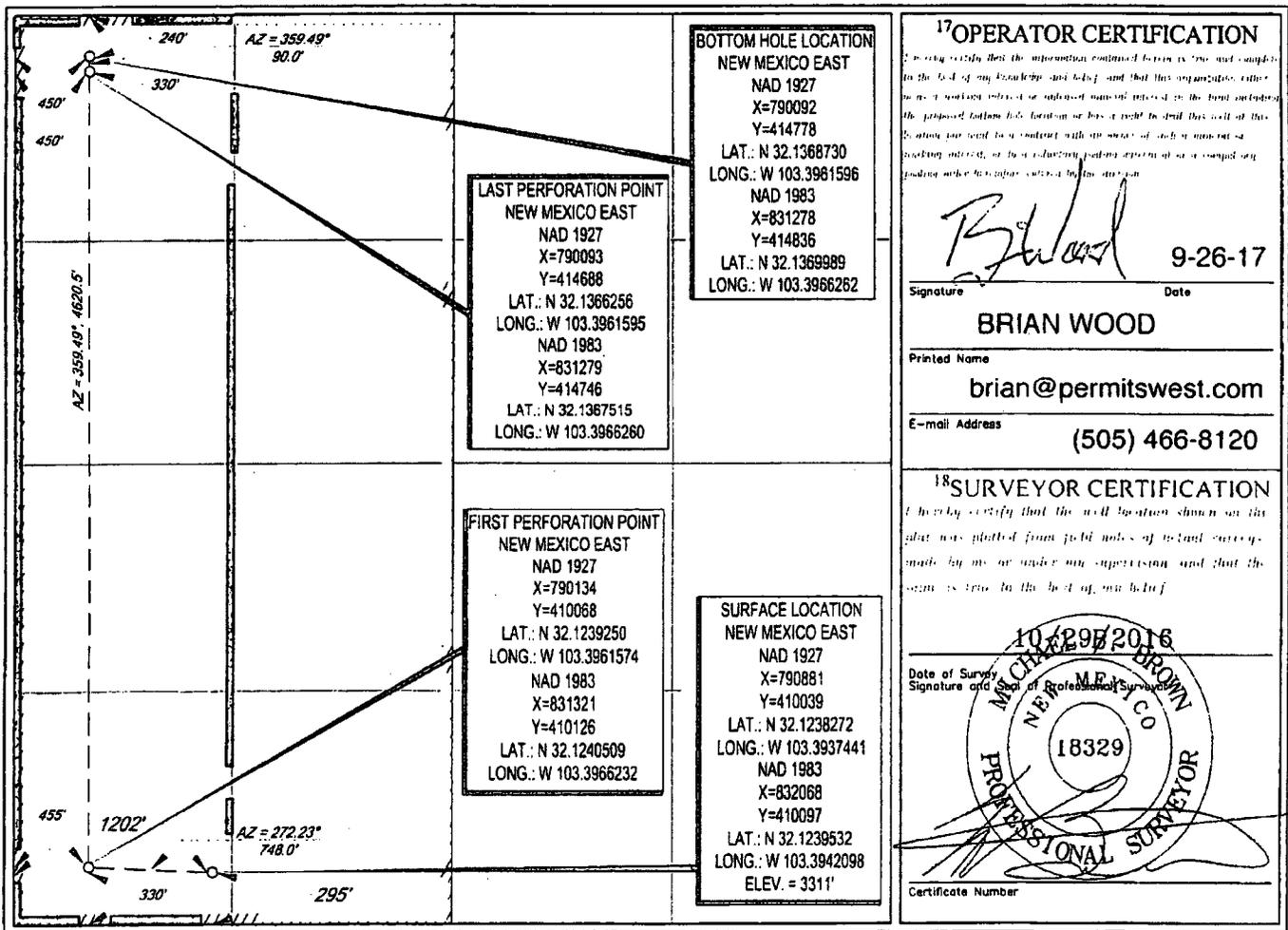
<sup>10</sup>Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	17	25-S	35-E	-	295'	SOUTH	1202'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	17	25-S	35-E	-	240'	NORTH	450'	WEST	LEA

<sup>12</sup> Dedicated Acres 160	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code C	<sup>15</sup> 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.



**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 operator, either as owner or authorized representative, has a right to drill this well at this location and that this location is not subject to any other oil or gas lease, pooling interest, or to a voluntary pooling agreement or a compulsory pooling order for oil or gas production.  
*Brian Wood* 9-26-17  
Signature Date  
**BRIAN WOOD**  
Printed Name  
brian@permitswest.com  
E-mail Address  
(505) 466-8120

**18 SURVEYOR CERTIFICATION**  
I hereby certify that the well location shown on this plat was plotted from field notes of actual survey made by me or under my supervision and that the same is true to the best of my belief.  
Date of Survey 10/29/2018  
Signature and Seal of Professional Surveyor  
*Michael Brown*  
MICHAEL BROWN  
NEW MEXICO  
18329  
PROFESSIONAL SURVEYOR  
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  
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Phone: (505) 476-3460 Fax: (505) 476-3462

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

**HOBBS OCD** FORM C-102  
Revised August 1, 2011  
FEB 28 2018  
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District Office  
**RECEIVED**  
 AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

30-025-	<sup>1</sup> API Number <b>44546</b>	<sup>2</sup> Pool Code 17980	<sup>3</sup> Pool Name DOGIE DRAW; WOLFCAMP
<sup>4</sup> Property Code <b>320549</b>	<sup>5</sup> Property Name LESLIE FED COM		<sup>6</sup> Well Number #215H
<sup>7</sup> OGRID No. 228937	<sup>8</sup> Operator Name MATADOR PRODUCTION COMPANY		<sup>9</sup> Elevation 3311'

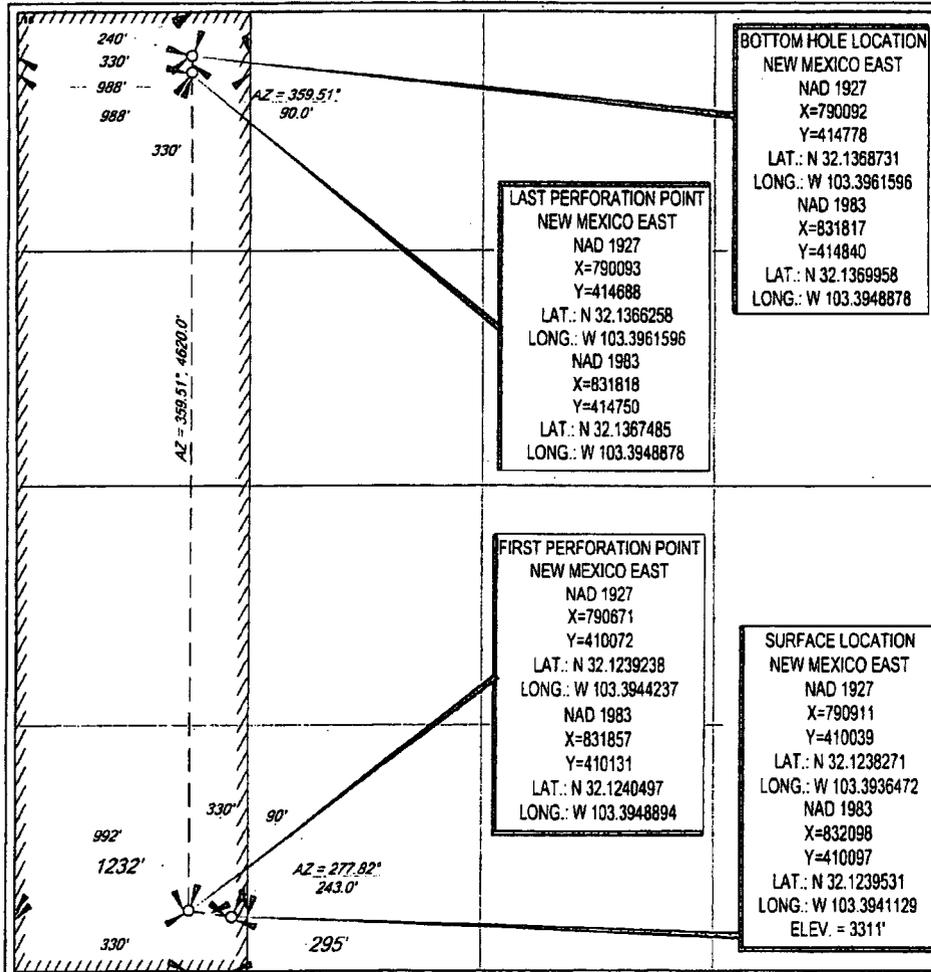
<sup>10</sup>Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	17	25-S	35-E	-	295'	SOUTH	1232'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	17	25-S	35-E	-	240'	NORTH	988'	WEST	LEA

<sup>11</sup> Dedicated Acres 160	<sup>12</sup> Joint or Infill	<sup>13</sup> Consolidation Code C	<sup>15</sup> 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.



<sup>17</sup>OPERATOR CERTIFICATION  
I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief, and that this information reflects upon a drilling contract or separate mineral interest in the land including the proposed bottom hole location to have a right to drill the well at this location pursuant to a contract with an owner of such a mineral or working interest, or to an existing pooling agreement or a non-unitary pooling order heretofore entered by the operator.

*Brian Wood* 9-29-17  
Signature Date

**BRIAN WOOD**  
Printed Name  
brian@permitswest.com  
E-mail Address  
(505) 466-8120

<sup>18</sup>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.

08/18/2017  
Date of Survey  
Signature and Seal of Registered Surveyor  
*Michael B. Brown*  
MICHAEL B. BROWN  
NEW MEXICO  
18329  
PROFESSIONAL SURVEYOR  
Certificate Number

District I  
1625 N. French Dr., Hobbs, NM 88240  
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State of New Mexico  
Energy, Minerals & Natural Resources  
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1220 South St. Francis Dr.  
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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>44912</b>	<sup>2</sup> Pool Code 17980	<sup>3</sup> Pool Name DOGIE DRAW; WOLFCAMP
<sup>4</sup> Property Code <b>320949</b>	<sup>5</sup> Property Name LESLIE FED COM	<sup>6</sup> Well Number #202H
<sup>7</sup> OGRID No. 228937	<sup>8</sup> Operator Name MATADOR PRODUCTION COMPANY	<sup>9</sup> Elevation 3279'

<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
0	17	25-S	35-E	-	300'	SOUTH	2115'	EAST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	17	25-S	35-E	-	240'	NORTH	2250'	WEST	LEA

<sup>12</sup> Dedicated Acres 160	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code C	<sup>15</sup> 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.

The diagram shows a well location (top left) and a surface location (bottom right) relative to a grid. Bearings and distances are provided for various points and lines. Key bearings include 359.49°, 90.0°, 386°, 388°, 527°, 221.50°, 915.2°, 330°, 605°, and 330'. Distances include 2250', 240', 330', 386', 388', 527', 2115', and 300'.

**BOTTOM HOLE LOCATION**  
NEW MEXICO EAST  
NAD 1927  
X=791892  
Y=414790  
LAT.: N 32.1368626  
LONG.: W 103.3903449  
NAD 1983  
X=833079  
Y=414848  
LAT.: N 32.1369885  
LONG.: W 103.3908112

**LAST PERFORATION POINT**  
NEW MEXICO EAST  
NAD 1927  
X=791893  
Y=414700  
LAT.: N 32.1366152  
LONG.: W 103.3903449  
NAD 1983  
X=833080  
Y=414758  
LAT.: N 32.1367411  
LONG.: W 103.3908112

**FIRST PERFORATION POINT**  
NEW MEXICO EAST  
NAD 1927  
X=791934  
Y=410082  
LAT.: N 32.1239207  
LONG.: W 103.3903436  
NAD 1983  
X=833121  
Y=410140  
LAT.: N 32.1240467  
LONG.: W 103.3908092

**SURFACE LOCATION**  
NEW MEXICO EAST  
NAD 1927  
X=792849  
Y=410058  
LAT.: N 32.1238329  
LONG.: W 103.3873894  
NAD 1983  
X=834036  
Y=410116  
LAT.: N 32.1239589  
LONG.: W 103.3878549  
ELEV. = 3279'

**<sup>17</sup>OPERATOR CERTIFICATION**  
*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization, either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well on 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.*

*Brian Wood*      8-29-17  
Signature      Date

**BRIAN WOOD**  
Printed Name

brian@permitswest.com  
E-mail Address

(505) 466-8120

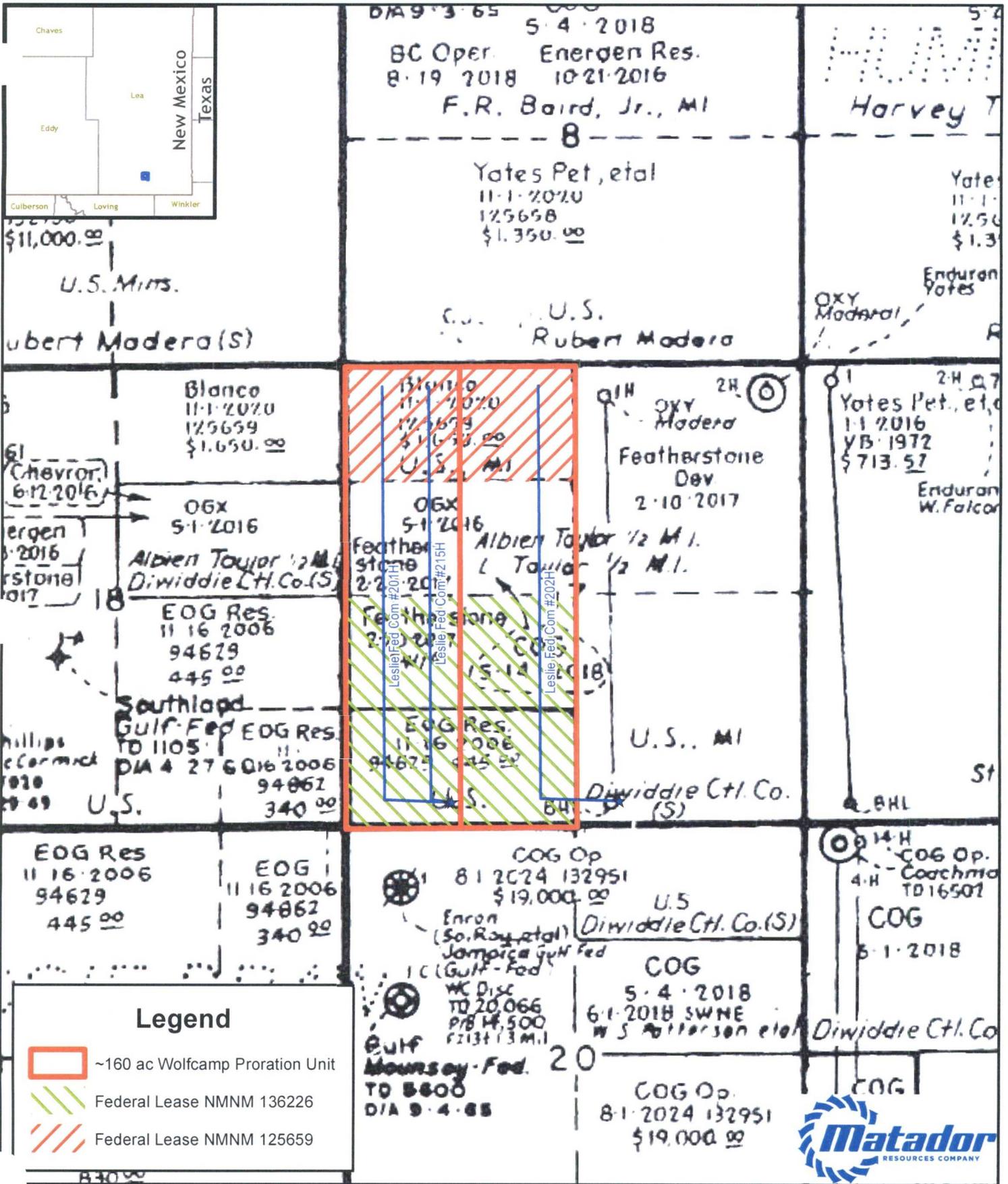
**<sup>18</sup>SURVEYOR CERTIFICATION**  
*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.*

01/24/2017  
NEW MEXICO  
18329  
PROFESSIONAL SURVEYOR

Date of Survey  
Signature and Seal of Professional Surveyor

Certificate Number

# 17-25S-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	2.270834%
COG Acreage, LP	Uncommitted Working Interest Owner	1.250000%
Energen Resources Corporation	Uncommitted Working Interest Owner	3.515625%
Marathon Oil Permian, LLC	Uncommitted Working Interest Owner	1.562500%
GGM Exploration, Inc	Unleased Mineral Interest Owner	.068800%
TD Minerals LLC	Unleased Mineral Interest Owner	.275000%
Heirs/devisees of John C. Sparling	Unleased Mineral Interest Owner	1.562500%
Ohio State University	Unleased Mineral Interest Owner	.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

Heirs/devisees of John C. Sparling  
14227 Turtle Rock Dr.  
San Antonio, TX 78232

Re: Matador Production Company – Leslie Fed Com #201H (the “Well”)  
Participation Proposal  
Section 17, Township 25 South, Range 35 East  
Lea County, New Mexico

Gentlemen:

MRC Permian Company (“MRC”) proposes the drilling of Matador Production Company’s Leslie Fed Com #201H well, located in Section 17, 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 \$8,087,384, as found on the enclosed AFE dated January 30, 2018.
- The proposed surface location of the Well is approximately 295’ FSL and 1202’ FWL of Section 17, 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’ FWL of Section 17, 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 (~12,493’ TVD) to a Total Measured Depth of approximately 17,242’ 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.

Heirs/devisees of John C. Sparling, will own an approximate 0.01562500 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 W/2 of Section 17, 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 \$126,482.41 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.

\_\_\_\_\_ Heirs/devisees of John C. Sparling hereby elects to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Leslie Fed Com #201H well, located in Lea County, New Mexico.

\_\_\_\_\_ Heirs/devisees of John C. Sparling hereby elects not to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Leslie Fed Com #201H well, located in Lea County, New Mexico.

\_\_\_\_\_ Heirs/devisees of John C. Sparling is interested in selling its interest in this unit, please contact us to discuss.

Heirs/devisees of John C. Sparling

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

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

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

**MATADOR PRODUCTION COMPANY**

ONE LINCOLN CENTRE • 5400 LBJ FREEWAY • SUITE 1600 • DALLAS, TEXAS 75240

Phone (972) 371-5200 • Fax (972) 371-8201

**ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE**

DATE:	January 30, 2018	AFE NO.:	300023 030 01 001
WELL NAME:	Leslie Fed Com 201H	FIELD:	
LOCATION:	Section 17-25S-36E	MD/TVD:	17342/12493'
COUNTY/STATE:	Lea, NM	LATERAL LENGTH:	about 4500'
MRC WE:			
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	27,800	-	-	-	27,800
Mud Circulation System	56,180	-	-	-	56,180
Mud & Chemicals	141,000	30,000	-	-	171,000
Mud / Wastewater Disposal	165,000	-	-	-	165,000
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	328,000	-	-	398,000
Drig & Completion Overhead	10,500	78,000	-	-	88,500
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	148,000	16,500	4,800	-	169,300
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	227,654	101,285	3,240	-	332,179
<b>TOTAL INTANGIBLES &gt;</b>	<b>3,078,034</b>	<b>3,269,915</b>	<b>128,640</b>	<b>51,900</b>	<b>6,528,489</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	342,725	-	-	-	342,725
Production Casing	287,945	-	-	-	287,945
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
Road string	-	-	-	-	-
Artificial L/R 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>919,095</b>	<b>92,800</b>	<b>243,500</b>	<b>356,500</b>	<b>1,563,895</b>
<b>TOTAL COSTS &gt;</b>	<b>3,997,129</b>	<b>3,322,715</b>	<b>369,140</b>	<b>468,400</b>	<b>8,087,384</b>

**PREPARED BY MATADOR PRODUCTION COMPANY:**

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

**MATADOR RESOURCES COMPANY APPROVAL:**

Executive VP, COO/CFO	VP - Res Engineering	VP - Drilling
DEL	BMR	9G
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 undersigned hereby certifies that the information contained herein is true and correct to the best of his knowledge and belief, and that he is not aware of any information which might cause the contents of this estimate to be materially and adversely affected. This document is prepared for the use of the Operator and is not intended to constitute an offer of securities or any other financial product. The Operator is not responsible for the accuracy or completeness of the information contained herein. The Operator is not responsible for the accuracy or completeness of the information contained herein. The Operator is not responsible for the accuracy or completeness of the information contained herein.

## 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

Devon Energy Production Company, LP  
333 W. Sheridan Avenue  
Oklahoma City, OK 73102-5015

Re: Matador Production Company – Leslie Fed Com #201H (the “Well”)  
Participation Proposal  
Section 17, Township 25 South, Range 35 East  
Lea County, New Mexico

Gentlemen:

MRC Permian Company (“MRC”) proposes the drilling of Matador Production Company’s Leslie Fed Com #201H well, located in Section 17, 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 \$8,087,384, as found on the enclosed AFE dated January 30, 2018.
- The proposed surface location of the Well is approximately 295’ FSL and 1202’ FWL of Section 17, 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’ FWL of Section 17, 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 (~12,493’ TVD) to a Total Measured Depth of approximately 17,242’ 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.

Devon Energy Production Company, LP, will own an approximate 0.2500000 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 W/2 of Section 17, 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 \$2,021,846.00 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.

\_\_\_\_\_ Devon Energy Production Company, LP hereby elects to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Leslie Fed Com #201H well, located in Lea County, New Mexico.

\_\_\_\_\_ Devon Energy Production Company, 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 Leslie Fed Com #201H well, located in Lea County, New Mexico.

\_\_\_\_\_ Devon Energy Production Company, LP is interested in selling its interest in this unit, please contact us to discuss.

Devon Energy Production Company, LP

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

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

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

**MATADOR PRODUCTION COMPANY**  
 ONE LINCOLN CENTRE - 5400 LBJ FREEWAY - SUITE 1600 - DALLAS, TEXAS 75240  
 Phone (972) 371-6200 • Fax (972) 371-6201

**ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE**

DATE:	January 30, 2018	AFE NO:	300023 030.01.001
WELL NAME:	Leslie Fed Com 201H	FIELD:	
LOCATION:	Section 17-25S-35E	MDTVD:	17242/12493
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	\$ 761,500	\$ -	\$ -	\$ -	\$ 761,500
Location, Surveys & Damages	200,500	6,000	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	56,160	-	-	-	56,160
Mud & Chemicals	141,000	30,000	-	-	171,000
Mud / Wastewater Disposal	158,000	-	-	-	158,000
Freight / Transportation	43,200	19,500	-	2,500	65,200
Rig Supervision / Engineering	138,600	39,800	8,400	14,400	198,100
Drill Bits	111,200	-	-	-	111,200
Fuel & Power	128,000	-	-	-	128,000
Water	70,000	328,000	-	-	398,000
Drig & Completion Overhead	10,800	18,000	-	-	28,800
Plugging & Abandonment	-	-	-	-	-
Directional Drilling, Surveys	230,000	-	-	-	230,000
Completion Unit, Sweep, 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 & Otop	-	180,400	90,000	-	270,400
Insurance	31,320	-	-	-	31,320
Labor	148,000	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	61,200	24,300	1,000	-	86,500
Contingency	227,654	101,265	3,340	-	332,259
<b>TOTAL INTANGIBLES &gt;</b>	<b>3,074,034</b>	<b>3,288,916</b>	<b>128,640</b>	<b>51,900</b>	<b>6,523,490</b>

TANGIBLE COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	FACILITY COSTS	TOTAL COSTS
Surface Casing	\$ 58,875	\$ -	\$ -	\$ -	\$ 58,875
Intermediate Casing	153,780	-	-	-	153,780
Drilling Liner	342,725	-	-	-	342,725
Production Casing	287,945	-	-	-	287,945
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>911,095</b>	<b>52,800</b>	<b>243,500</b>	<b>356,500</b>	<b>1,563,895</b>
<b>TOTAL COSTS &gt;</b>	<b>3,987,129</b>	<b>3,322,716</b>	<b>368,140</b>	<b>408,400</b>	<b>8,087,244</b>

**PREPARED BY MATADOR PRODUCTION COMPANY:**

Drilling Engineer:	Stake Hammer	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 maximum AFE size shall be 100 MB and shall be submitted to the operator at the time of the well plan. AFEs shall be submitted to the operator at least 30 days prior to the start of well construction. AFEs shall be submitted to the operator at least 30 days prior to the start of well construction. AFEs shall be submitted to the operator at least 30 days prior to the start of well construction. AFEs shall be submitted to the operator at least 30 days prior to the start of well construction.

## 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

Heirs/devisees of John C. Sparling  
14227 Turtle Rock Dr.  
San Antonio, TX 78232

Re: Matador Production Company – Leslie Fed Com #215H (the “Well”)  
Participation Proposal  
Section 17, Township 25 South, Range 35 East  
Lea County, New Mexico

Gentlemen:

MRC Permian Company (“MRC”) proposes the drilling of Matador Production Company’s Leslie Fed Com #215H well, located in Section 17, 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 295’ FSL and 1232’ FWL of Section 17, Township 25 South, Range 35 East, Lea County, New Mexico. The proposed bottom hole location of the subject well is approximately 240’ FNL and 988’ FWL of Section 17, 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 (~12,583’ TVD) to a Total Measured Depth of approximately 17,309’ 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.

Heirs/devisees of John C. Sparling, will own an approximate 0.01562500 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 W/2 of Section 17, 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 \$126,482.41 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.

\_\_\_\_\_ Heirs/devisees of John C. Sparling hereby elects to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Leslie Fed Com #215H well, located in Lea County, New Mexico.

\_\_\_\_\_ Heirs/devisees of John C. Sparling hereby elects not to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Leslie Fed Com #215H well, located in Lea County, New Mexico.

\_\_\_\_\_ Heirs/devisees of John C. Sparling is interested in selling its interest in this unit, please contact us to discuss.

Heirs/devisees of John C. Sparling

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

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

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

**MATADOR PRODUCTION COMPANY**

ONE LINCOLN CENTRE • 6400 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 034 01 001
WELL NAME:	Leslie Fed Corn 215H	FIELD:	
LOCATION:	Section 17-25S-35E	MD/TVD:	17309'/12583'
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	788,000				788,000
Cementing & Floet 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	138,200	39,800	5,400	14,400	198,100
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	18,500	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	101,255	3,240		332,359
<b>TOTAL INTANGIBLES &gt;</b>	<b>3,078,034</b>	<b>3,289,915</b>	<b>128,640</b>	<b>51,900</b>	<b>6,823,489</b>

TANGIBLE COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	FACILITY COSTS	TOTAL COSTS
Surface Casing	\$ 96,875				\$ 96,875
Intermediate Casing	153,750				153,750
Drilling Liner	348,475				348,475
Production Casing	280,688				280,688
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				22,000	22,000
<b>TOTAL TANGIBLES &gt;</b>	<b>918,585</b>	<b>52,800</b>	<b>243,500</b>	<b>358,500</b>	<b>1,873,385</b>
<b>TOTAL COSTS &gt;</b>	<b>3,994,619</b>	<b>3,322,715</b>	<b>368,140</b>	<b>408,400</b>	<b>8,094,874</b>

**PREPARED BY MATADOR PRODUCTION COMPANY:**

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

**MATADOR RESOURCES COMPANY APPROVAL:**

Executive VP, COO/CFO	DEL	VP - Res Engineering	BWR	VP - Drilling	BG
Executive VP, Legal	CA	Exec Dir - Exploration	NLF		
President:	MWH				

**NON OPERATING PARTNER APPROVAL:**

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

The above estimate, AFE, and authorization are subject to change without notice. This document is prepared by Matador Production Company and is not intended to constitute an offer of securities. It is not intended to be used in any state where it is not registered or qualified. The AFE is not intended to be used in any state where it is not registered or qualified. It is not intended to be used in any state where it is not registered or qualified. It is not intended to be used in any state where it is not registered or qualified.

## 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

Devon Energy Production Company, LP  
333 W. Sheridan Avenue  
Oklahoma City, OK 73102-5015

Re: Matador Production Company – Leslie Fed Com #215H (the “Well”)  
Participation Proposal  
Section 17, Township 25 South, Range 35 East  
Lea County, New Mexico

Gentlemen:

MRC Permian Company (“MRC”) proposes the drilling of Matador Production Company’s Leslie Fed Com #215H well, located in Section 17, 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 295’ FSL and 1232’ FWL of Section 17, Township 25 South, Range 35 East, Lea County, New Mexico. The proposed bottom hole location of the subject well is approximately 240’ FNL and 988’ FWL of Section 17, 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 (~12,583’ TVD) to a Total Measured Depth of approximately 17,309’ 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.

Devon Energy Production Company, LP, will own an approximate 0.2500000 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 W/2 of Section 17, 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 \$2,023,718.50 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.

\_\_\_\_\_ Devon Energy Production Company, LP hereby elects to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Leslie Fed Com #215H well, located in Lea County, New Mexico.

\_\_\_\_\_ Devon Energy Production Company, 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 Leslie Fed Com #215H well, located in Lea County, New Mexico.

\_\_\_\_\_ Devon Energy Production Company, LP is interested in selling its interest in this unit, please contact us to discuss.

Devon Energy Production Company, 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 034 01 001
WELL NAME:	Leslie Fed Com 215H	FIELD:	
LOCATION:	Section 17-25S-35E	MD/TVD:	17309/12683
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	-	8,000	-	-	8,000
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	138,500	39,800	5,400	14,400	188,100
Drill Bbs	111,200	-	-	-	111,200
Fuel & Power	128,000	-	-	-	128,000
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	-	2,198,000	-	-	2,198,000
Stimulation Flowback & Disp	-	190,400	90,000	-	240,400
Insurance	31,320	-	-	-	31,320
Labor	149,000	16,500	4,000	-	168,500
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>3,078,834</b>	<b>3,268,916</b>	<b>126,640</b>	<b>81,900</b>	<b>6,523,489</b>

TANGIBLE COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	FACILITY COSTS	TOTAL COSTS
Surface Casing	\$ 66,875	\$ -	\$ -	\$ -	\$ 66,875
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	8,000	-	60,800
Tanks	-	-	-	80,000	80,000
Production Vessels	-	-	63,000	23,000	86,000
Flow Lines	-	-	50,000	-	50,000
Rod string	-	-	-	-	-
Artificial Lift Equipment	-	-	20,000	-	20,000
Compressor	-	-	-	10,000	10,000
Installation Costs	-	-	-	54,000	54,000
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	-	-	-	22,000	22,000
<b>TOTAL TANGIBLES &gt;</b>	<b>918,585</b>	<b>82,800</b>	<b>243,900</b>	<b>368,500</b>	<b>1,571,385</b>
<b>TOTAL COSTS &gt;</b>	<b>3,994,519</b>	<b>3,722,715</b>	<b>369,140</b>	<b>408,400</b>	<b>8,094,874</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	SG
Executive VP, Legal	Exec Dir - Exploration	
CA	NLF	
President		
MWH		

**NON OPERATING PARTNER APPROVAL:**

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

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

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

This AFE is prepared by the operator and is not intended to constitute an offer of securities. It is prepared for the operator's use only and is not intended to be used by any other party. The operator warrants that the information contained herein is true and correct as of the date of preparation. The operator warrants that the information contained herein is true and correct as of the date of preparation. The operator warrants that the information contained herein is true and correct as of the date of preparation. The operator warrants that the information contained herein is true and correct as of the date of preparation.

## 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

Ohio State University  
2003 Millikin Rd  
Columbus, OH 42310

**Re:** Matador Production Company – Leslie Fed Com #202H (the “Well”)  
Participation Proposal  
Section 17, Township 25 South, Range 35 East  
Lea County, New Mexico

Gentlemen:

MRC Permian Company (“MRC”) proposes the drilling of Matador Production Company’s Leslie Fed Com #202H well, located in Section 17, 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 \$8,129,124, as found on the enclosed AFE dated January 30, 2018.
- The proposed surface location of the Well is approximately 300’ FSL and 2115’ FEL of Section 17, 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’ FWL of Section 17, 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 (~12,473’ TVD) to a Total Measured Depth of approximately 17,237’ 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.

Ohio State University, will own an approximate 0.00062500 working interest in the Well based on the JOA, subject to title verification.

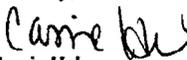
MRC requests that you indicate your election to participate in the drilling and completion of the Well in the space provided below, sign and return one (1) copy of this letter to the undersigned.

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 W/2 of Section 17, 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 \$5,080.70 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.

\_\_\_\_\_ Ohio State University hereby elects to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Leslie Fed Com #202H well, located in Lea County, New Mexico.

\_\_\_\_\_ Ohio State University hereby elects not to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Leslie Fed Com #202H well, located in Lea County, New Mexico.

\_\_\_\_\_ Ohio State University is interested in selling its interest in this unit, please contact us to discuss.

Ohio State University

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

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

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

## 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.

Devon Energy Production Company, LP  
333 W. Sheridan Avenue  
Oklahoma City, OK 73102-5015

**Re:** Matador Production Company – Leslie Fed Com #202H (the “Well”)  
Participation Proposal  
Section 17, Township 25 South, Range 35 East  
Lea County, New Mexico

Gentlemen:

MRC Permian Company (“MRC”) proposes the drilling of Matador Production Company’s Leslie Fed Com #202H well, located in Section 17, 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 \$8,129,124 as found on the enclosed AFE dated January 30, 2018.
- The proposed surface location of the Well is approximately 300’ FSL and 2115’ FEL of Section 17, 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’ FWL of Section 17, 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 (~12,473’ TVD) to a Total Measured Depth of approximately 17,237’ 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.

Devon Energy Production Company, LP, will own an approximate 0.250000000 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 W/2 of Section 17, 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 \$2,032,281.00 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.

\_\_\_\_\_ Devon Energy Production Company, LP hereby elects to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Leslie Fed Com #202H well, located in Lea County, New Mexico.

\_\_\_\_\_ Devon Energy Production Company, 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 Leslie Fed Com #202H well, located in Lea County, New Mexico.

\_\_\_\_\_ Devon Energy Production Company, LP is interested in selling its interest in this unit, please contact us to discuss.

Devon Energy Production Company, LP

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

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

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

**MATADOR PRODUCTION COMPANY**

ONE LINCOLN CENTRE • 5400 LBJ FREEWAY • SUITE 1600 • DALLAS, TEXAS 75240  
Phone (972) 371-5200 • Fax (972) 371-5201

**ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE**

DATE:	January 30, 2019	AFE NO.:	300023 031 01 001
WELL NAME:	Leslie Fed Com 202H	FIELD:	
LOCATION:	Section 17-25S-35E	MD/TVD:	17237' / 12473'
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	766,000	-	-	-	766,000
Cementing & Fleet Equip	227,000	-	-	-	227,000
Logging / Formation Evaluation	-	8,000	-	-	8,000
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	-	2,900	65,600
Rig Supervision / Engineering	139,500	39,800	5,400	14,400	198,100
Drill Bits	111,200	-	-	-	111,200
Fuel & Power	126,000	-	-	-	126,000
Water	70,000	328,000	-	-	398,000
Drig & Completion Overhead	10,560	18,000	-	-	28,560
Plugging & Abandonment	-	-	-	-	-
Directional Drilling, Surveys	230,000	-	-	-	230,000
Completion Unit, Swab, CTU	-	70,000	15,000	-	85,000
Perforating, Wireline, Stickline	-	102,300	-	-	102,300
High Pressure Pump Truck	-	38,500	-	-	38,500
Stimulation	-	2,156,000	-	-	2,156,000
Stimulation Flowback & Disposal	-	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	60,060	40,000	-	10,000	110,060
Rental - Living Quarters	51,300	24,300	1,000	-	76,600
Contingency	227,854	101,285	3,240	-	332,379
<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	\$ 56,675	\$ -	\$ -	\$ -	\$ 56,675
Intermediate Casing	153,750	-	-	-	153,750
Drilling Liner	342,725	-	-	-	342,725
Production Casing	289,585	-	-	-	289,585
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	-	-	90,000	-	90,000
Rod string	-	-	-	-	-
Artificial Lift Equipment	-	-	20,000	-	20,000
Compressor	-	-	-	10,000	10,000
Installation Costs	-	-	-	64,000	64,000
Surface Pumps	-	-	5,300	-	5,300
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, Cumps, 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>912,835</b>	<b>52,800</b>	<b>283,500</b>	<b>336,500</b>	<b>1,605,635</b>
<b>TOTAL COSTS &gt;</b>	<b>3,988,869</b>	<b>3,322,715</b>	<b>409,140</b>	<b>408,400</b>	<b>8,129,124</b>

**PREPARED BY MATADOR PRODUCTION COMPANY:**

Drilling Engineer:	Mike Hennes	Team Lead - WTX/NM	<u>WTE</u>
Completions Engineer:	Waylon Wood		WTE
Production Engineer:	John Remane		

**MATADOR RESOURCES COMPANY APPROVAL:**

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

**NON OPERATING PARTNER APPROVAL:**

Company Name	Working Interest (%)	Tax ID
Signed by:	Date:	
Title:	Approval: Yes <input type="checkbox"/> No <input type="checkbox"/> (mark one)	

This AFE is prepared by Matador Production Company, Inc. ("Matador") for the purpose of estimating the costs of operations for the proposed well. It is not intended to constitute an offer of securities or any other financial product. Matador and its affiliates do not warrant the accuracy or completeness of the information contained herein. Matador and its affiliates are not liable for any loss or damage resulting from the use of this AFE. This AFE is subject to change without notice. Matador and its affiliates are not responsible for the actions of any third parties. Matador and its affiliates are not liable for any loss or damage resulting from the use of this AFE. This AFE is subject to change without notice. Matador and its affiliates are not responsible for the actions of any third parties.

**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)

[jamesbruc@aol.com](mailto:jamesbruc@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. 16181, for a non-standard spacing and proration unit and compulsory pooling, regarding the Leslie Fed. Com. Well Nos. 201H and 215H, Wolfcamp wells in the W/2W/2 of Section 17;
2. Case No. 16182, for a non-standard spacing and proration unit and compulsory pooling, regarding the Leslie Fed. Com. Well No. 202H, a Wolfcamp well in the E/2W/2 of Section 17,

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 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.

EXHIBIT

Very truly yours,

  
James Bruce

Attorney for Matador Production Company

EXHIBIT A

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

Energen Resources Corporation  
605 Richard Arrington Avenue, Jr. Blvd. North  
Birmingham, Alabama 35203-2707

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

**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:

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

9590 9402 3866 8060 2729 90

2. Article Number (Transfer from service label)  
7017 2680 0000 1762 8290

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

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature *[Signature]*  Agent  Addressee

B. Received by (Printed Name) \_\_\_\_\_ 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

<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™
<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery
<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Return Receipt for Merchandise
<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™
<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery

Mail Restricted Delivery (0)

Domestic Return Receipt

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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	\$ _____

Postage \$ \_\_\_\_\_

Total Postage and Fees \$ \_\_\_\_\_

Sent To **Energen Resources Corporation**  
**605 Richard Arrington Avenue, Jr. Blvd. North**  
**Birmingham, Alabama 35203-2707**

Street and Apt. No. \_\_\_\_\_

City, State, ZIP+4® \_\_\_\_\_

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

7017 2680 0000 1762 8306

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**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	\$ _____

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 PO Box \_\_\_\_\_

City, State, ZIP+4® \_\_\_\_\_

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

7017 2680 0000 1762 8290

**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:

Energen Resources Corporation  
605 Richard Arrington Avenue, Jr. Blvd. North  
Birmingham, Alabama 35203-2707

9590 9402 3866 8060 2730 03

2. Article Number (Transfer from service label)  
7017 2680 0000 1762 8306

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

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature *[Signature]*  Agent  Addressee

B. Received by (Printed Name) \_\_\_\_\_ C. Date of Delivery \_\_\_\_\_

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

3. Service Type

<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™
<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery
<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Return Receipt for Merchandise
<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™
<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery

Domestic Return Receipt

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

*mat has*

**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 2730 10

2. Article Number (Transfer from service label)

7017 2680 0000 1762 8313

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

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

*Valeri Malibeli*  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

Restricted Delivery

*Mat Les*

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 & Fees (check box, add fee as appropriate)
- Return Receipt (hardcopy) \$
  - Return Receipt (electronic) \$
  - Certified Mail Restricted Delivery \$
  - Adult Signature Required \$
  - Adult Signature Restricted Delivery \$

Postmark Here

Postage

Total Postage and Fees

Sent To TD Minerals LLC  
Suite 900

Street and Apt. No., or PO Box 8110 Westchester Drive  
Dallas, Texas 75225

City, State, ZIP+4®

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

See Reverse for Instructions

7017 2680 0000 1762 7668

**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

2. Article Number (Transfer from service label)

9590 9402 3866 8060 2730 27

7017 2680 0000 1762 7668

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

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

*Cathy Lawrence*  Agent  
 Addressee

B. Received by (Printed Name)

C. Date of Delivery

*Cathy Lawrence*

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

Restricted Delivery

*Mat Les*

Domestic Return Receipt

7017 2680 0000 1762 8313

**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 \$

Postmark Here

Postage

Total Postage and Fees

Sent To GCM Exploration, Inc.  
Suite 200

Street and Apt. No., or PO Box 420 Throckmorton  
Fort Worth, Texas 76102

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.

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature *[Signature]*  Agent  Addressee

B. Received by (Printed Name) *E. Charbonnet* Date of Delivery *MAY 22 2015*

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

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

9590 9402 3866 8060 2730 34

7017 2680 0000 1762 7699

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

Insured Mail Restricted Delivery (over \$500)

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

*Mat Les*

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 & 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*  
*San Antonio, Texas 78232*

Street and Apt. No. \_\_\_\_\_

City, State, ZIP+4® \_\_\_\_\_

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

7017 2680 0000 1762 7682

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

Street and Apt. No. or PO Box No. \_\_\_\_\_

City, State, ZIP+4® \_\_\_\_\_

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

7017 2680 0000 1762 7699

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:

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

9590 9402 3866 8060 2730 58

2. A *7017 2680 0000 1762 7682*

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature *[Signature]*  Agent  Addressee

B. Received by (Printed Name) *[Name]* C. Date of Delivery *5-22-15*

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

Insured Mail Restricted Delivery

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

*Mat Les*

Domestic Return Receipt

7017 2680 0000 1762 7675

**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 \$ \_\_\_\_\_

Postmark  
Here

Postage

\$ \_\_\_\_\_

Total Postage and Fees

\$ \_\_\_\_\_

Sent To The Ohio State University  
2003 Millikin Road  
Street and Apt. No., c Columbus, Ohio 42310

City, State, ZIP+4® \_\_\_\_\_

Offset Operators or Working Interest Owners

E/2 Section Section 7

COG Operating LLC

Section 8

EOG Resources, Inc.

E/2 Section 17

Matador Production Company

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

COG Operating LLC

E/2 Section 19

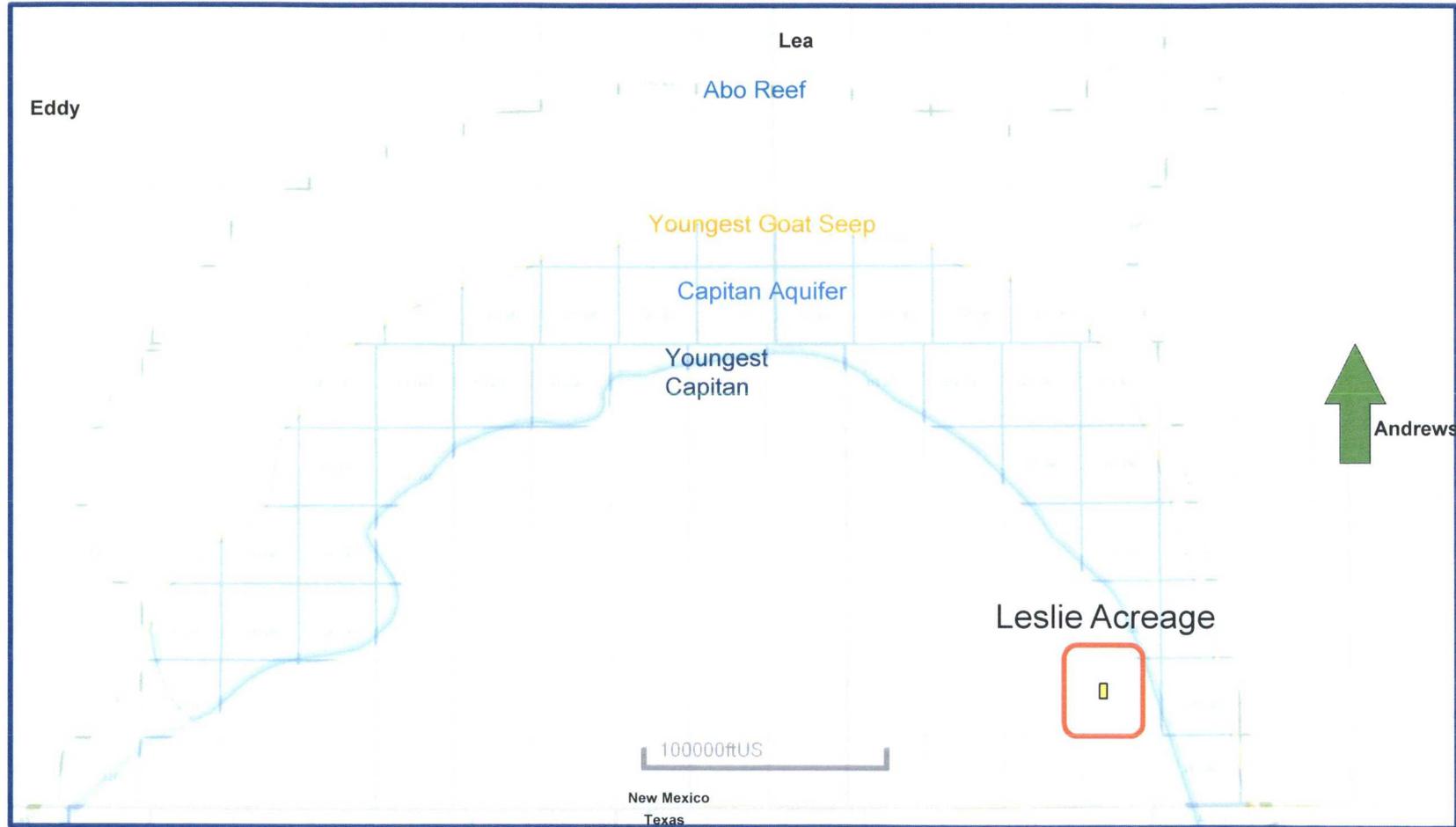
Energen Resources Company

E/2 Section 18

Matador Production Company

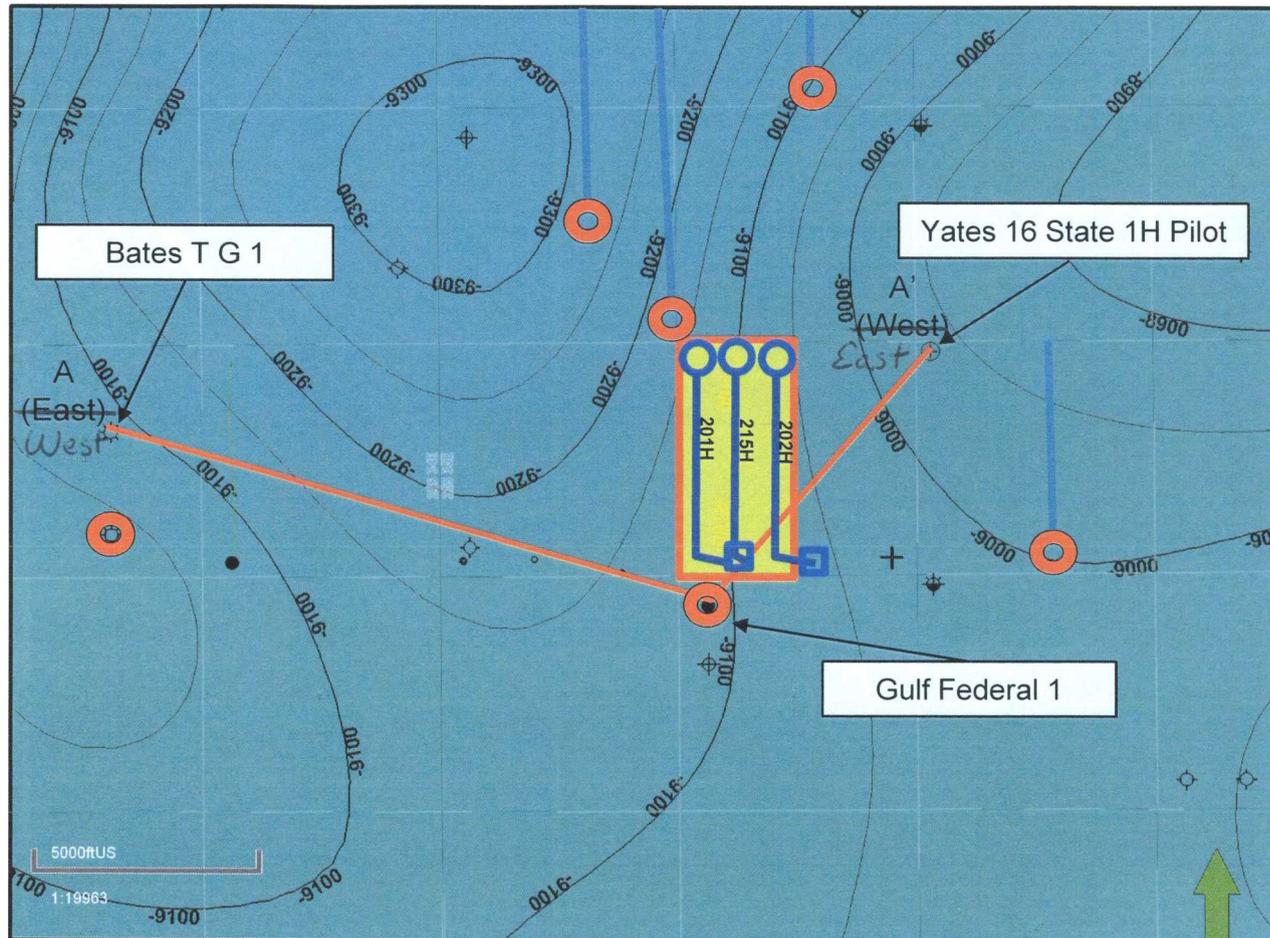
# Dogie Draw; Wolfcamp, (Pool Code 17980) Locator Map

Matador  
Exhibit 6



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

Matador  
Exhibit 7



## Map Legend

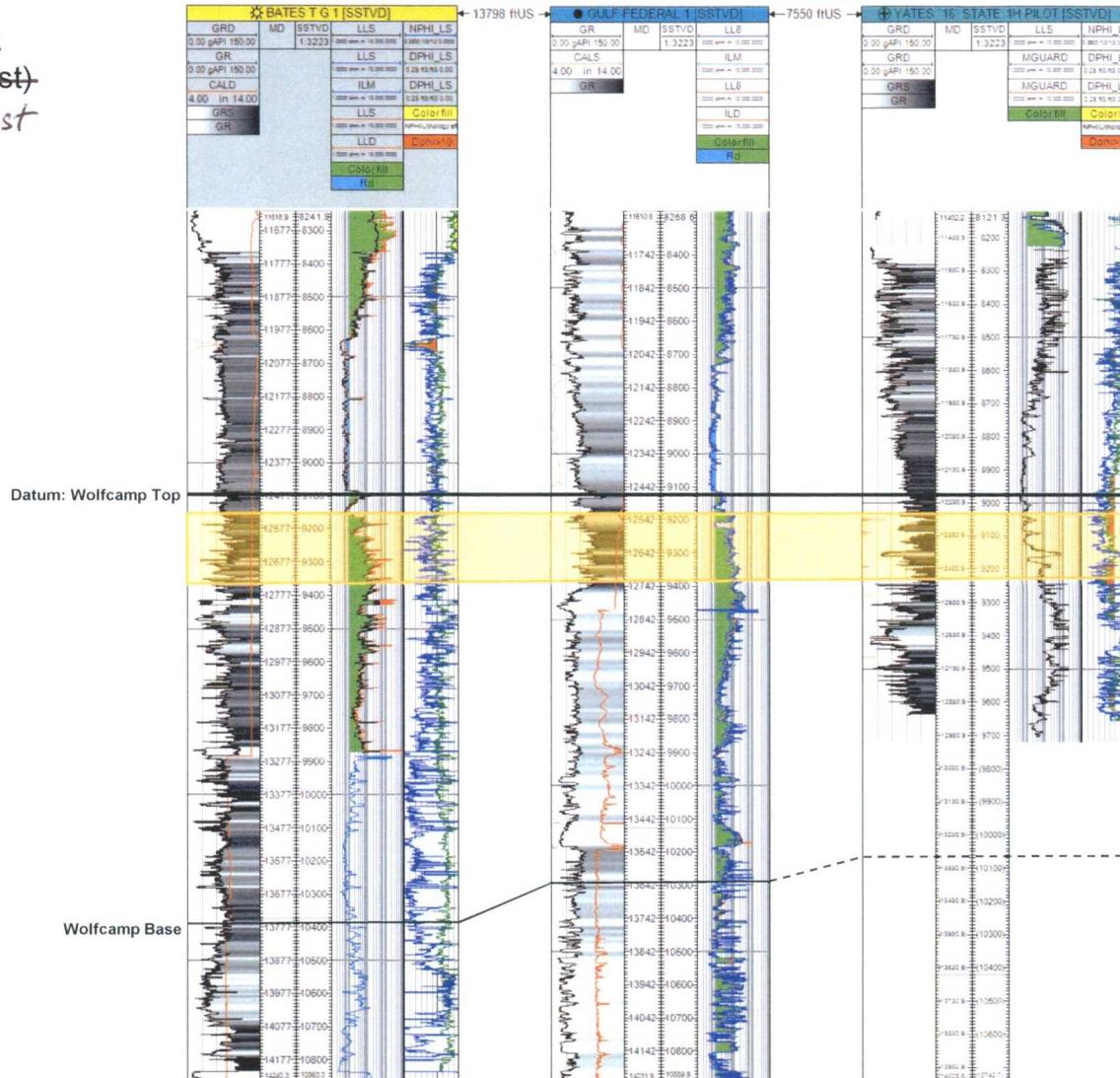
- BHL  Matador – Horizontal Location
- SHL  Horizontal Location
-  Project Area
-  Wolfcamp Producer

C.I. = 50'

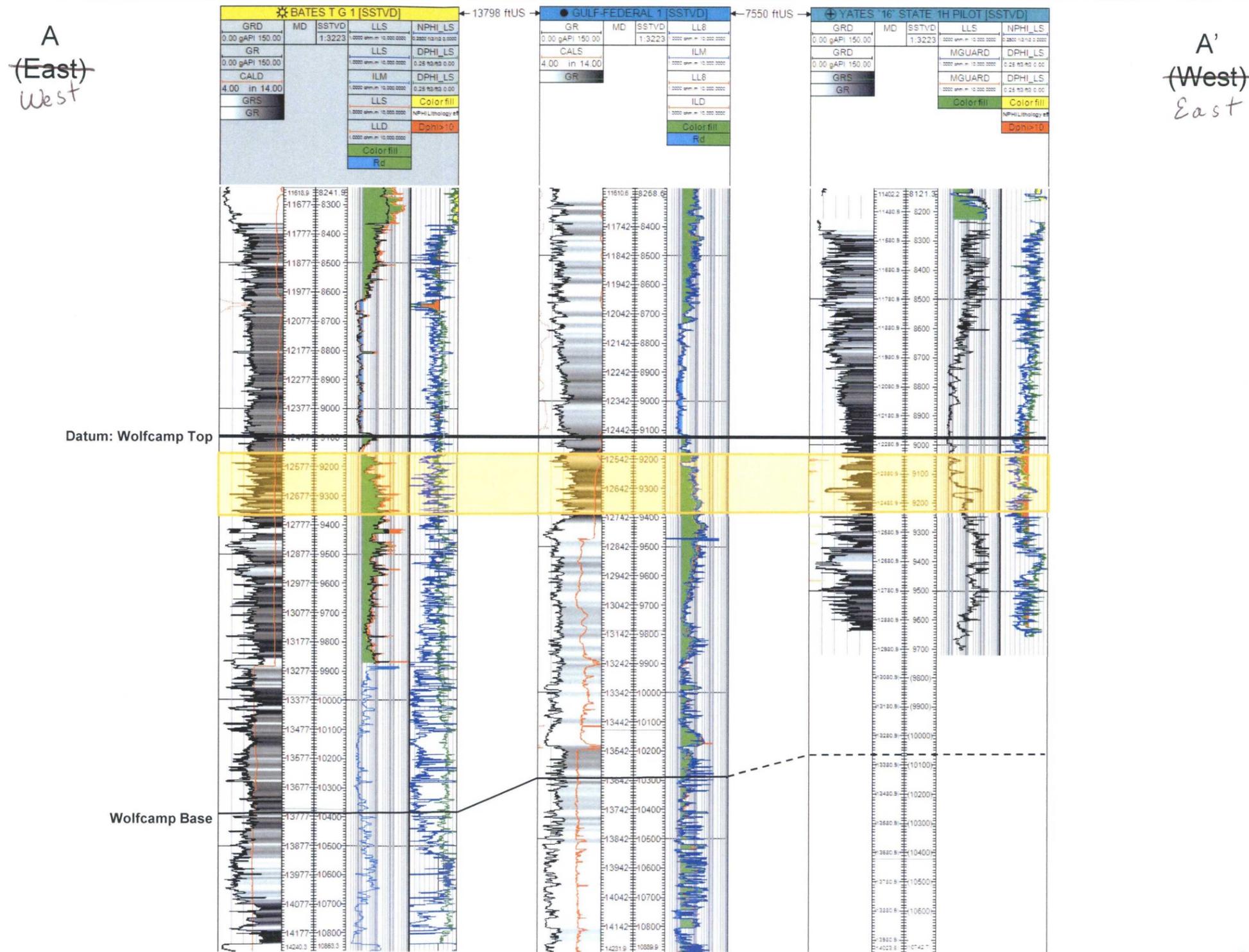
# Dogie Draw; Wolfcamp, (Pool Code 17980) Stratigraphic Cross Section (Top of Wolfcamp Subsea)

A  
(East)  
West

A'  
(West)  
East

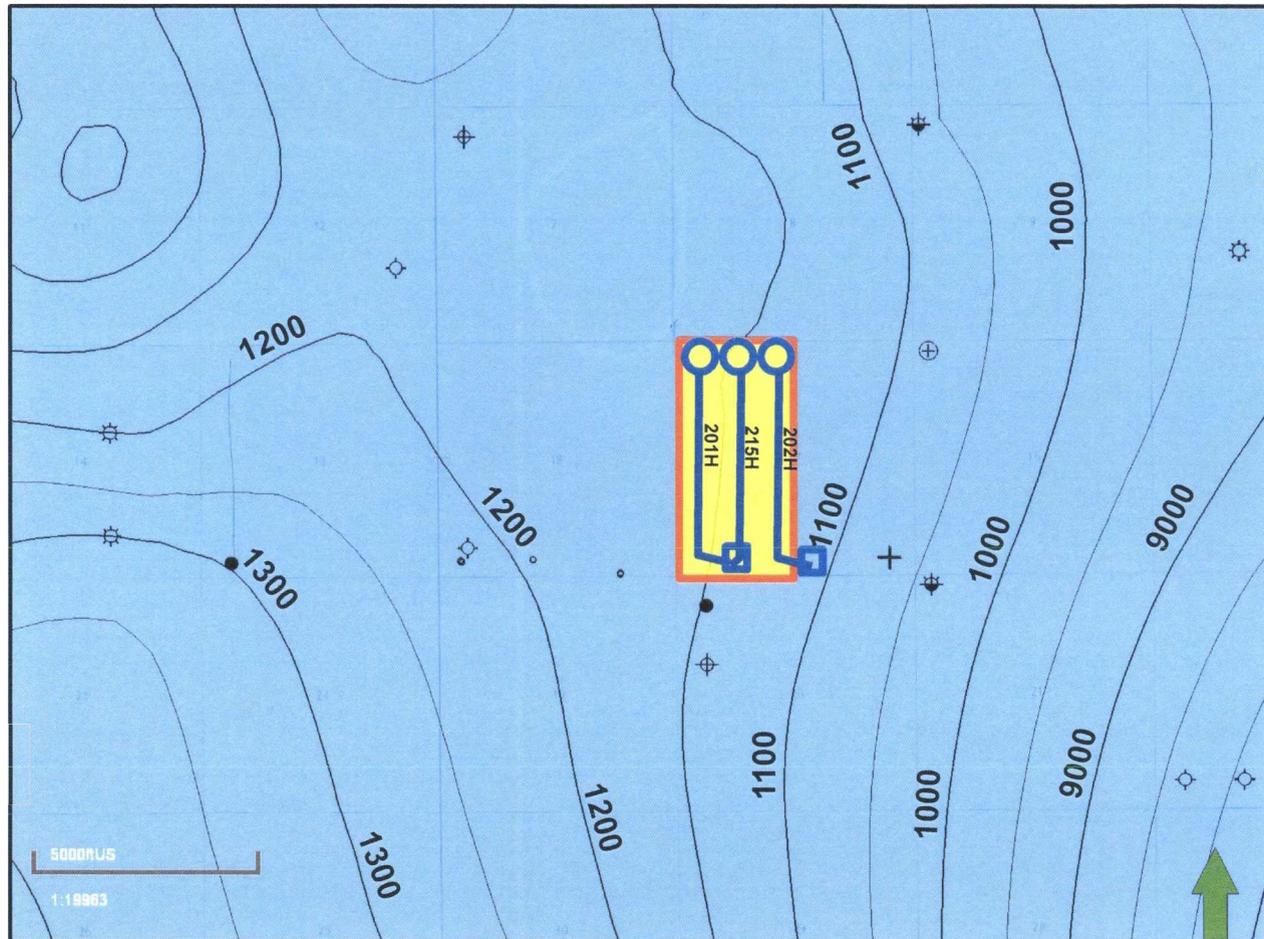


# Dogie Draw; Wolfcamp, (Pool Code 17980) Stratigraphic Cross Section (Top of Wolfcamp Subsea)



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

Matador  
Exhibit 9



### Map Legend

- BHL  Matador – Horizontal Location
- SHL 

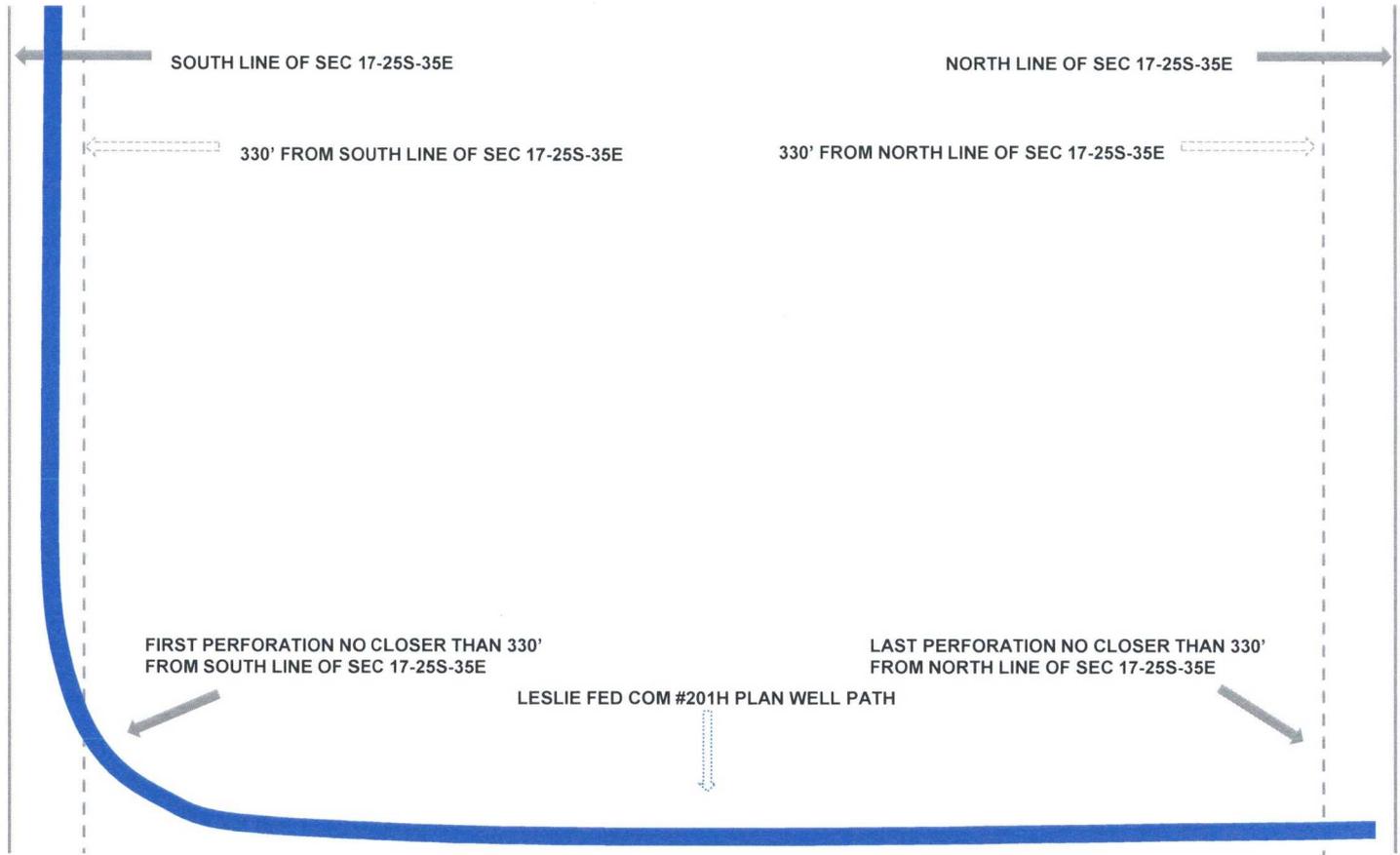
-  Project Area

C.I. = 50'

# Dogie Draw; Wolfcamp, (Pool Code 17980) Leslie Fed Com #201H Completion

Leslie Fed Com #201H  
SURFACE HOLE 295' FSL 1202' FWL OF SEC 17-25S-35E

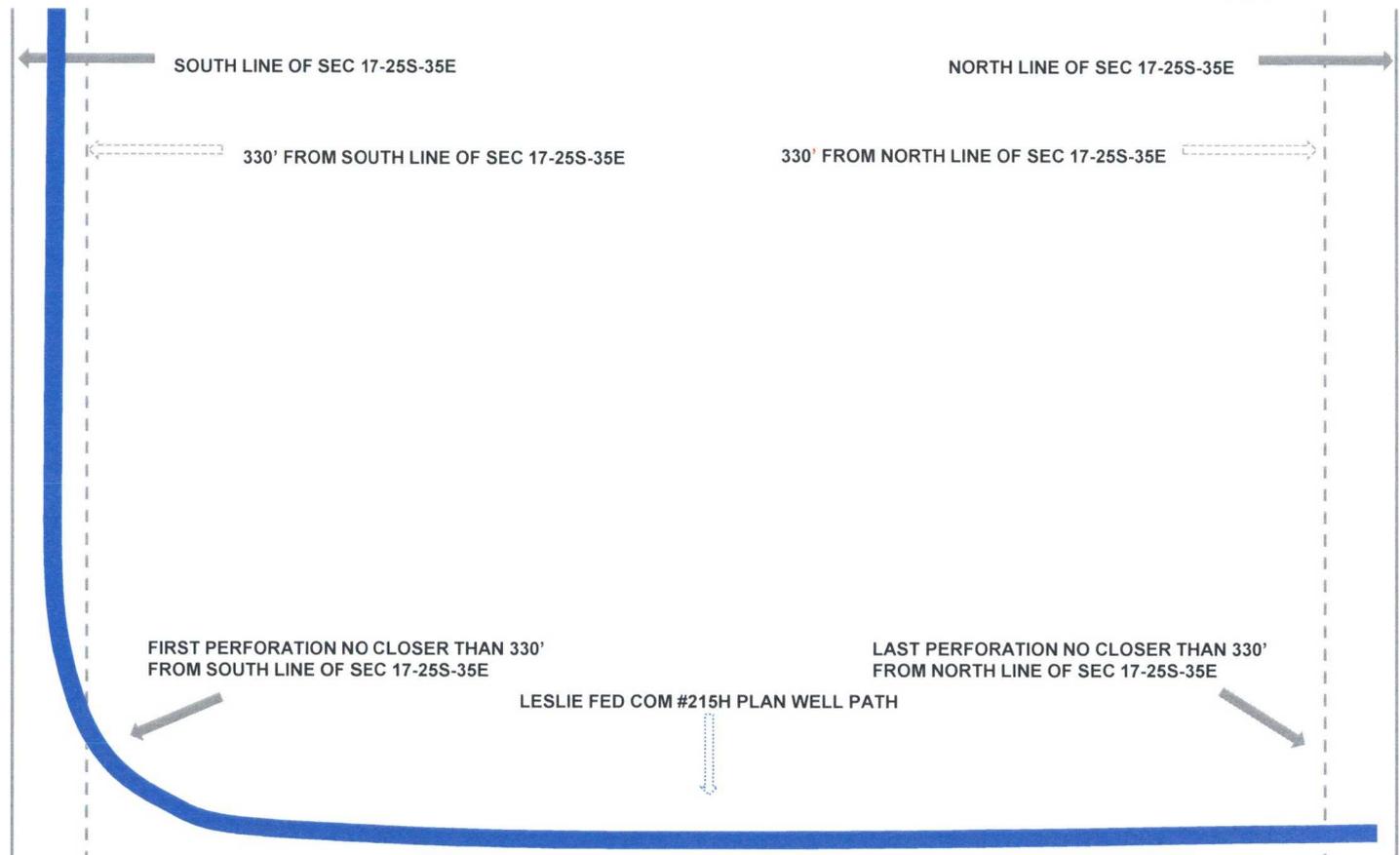
DIAGRAM NOT DRAWN TO SCALE



# Dogie Draw; Wolfcamp, (Pool Code 17980) Leslie Fed Com #215H Completion

Leslie Fed Com #215H  
SURFACE HOLE 295' FSL 1232' FWL OF SEC 17-25S-35E

DIAGRAM NOT DRAWN TO  
SCALE

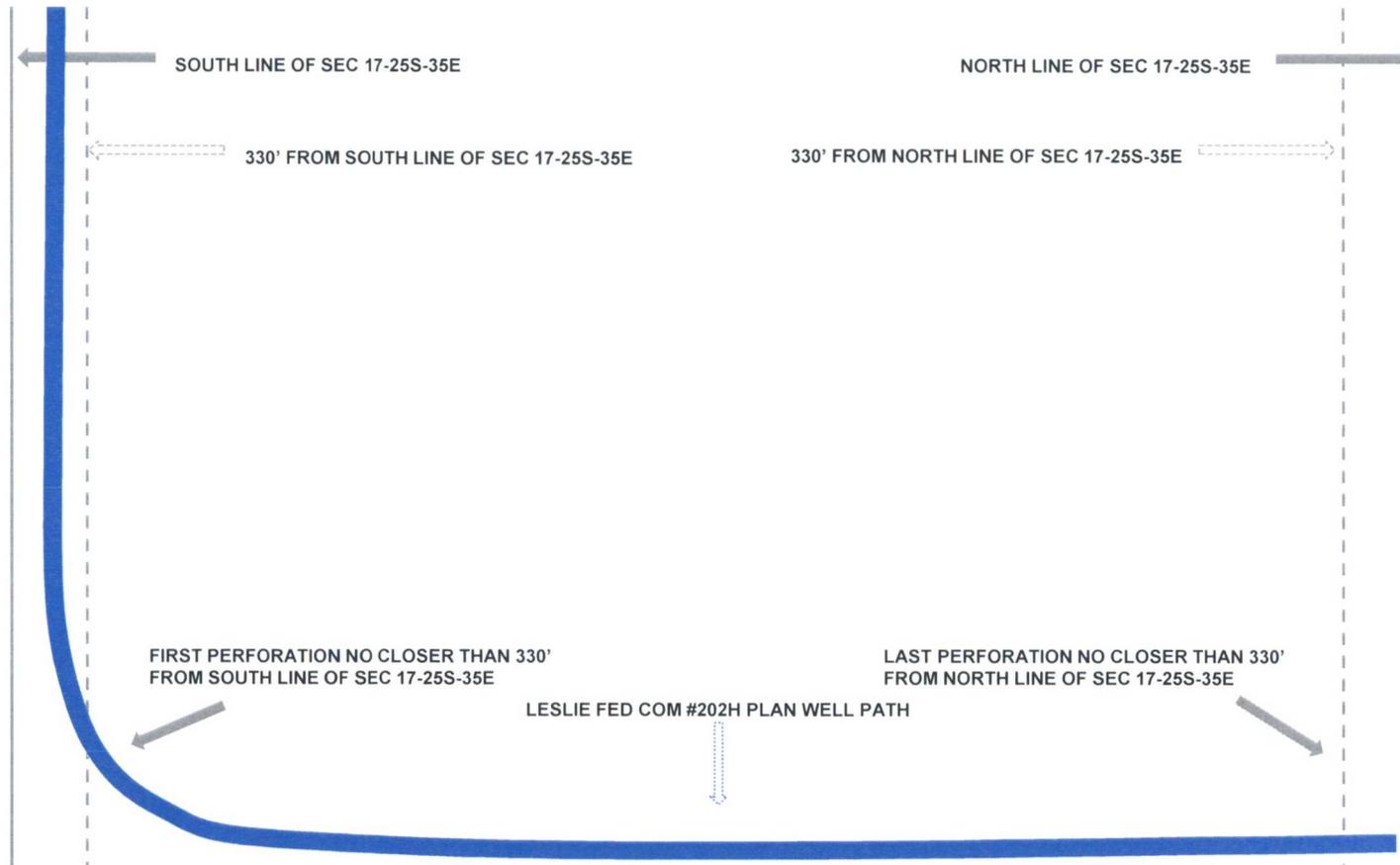


# Dogie Draw; Wolfcamp, (Pool Code 17980) Leslie Fed Com #202H Completion

Matador  
Exhibit 10C

Leslie Fed Com #202H  
SURFACE HOLE 300' FSL 2085' FEL OF SEC 17-25S-35E

DIAGRAM NOT DRAWN TO  
SCALE



Leslie Fed Com #202H

