

**CASE NOS. 16494 and 16495**

**APPLICATIONS OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO**

**EXHIBITS**

1. Application and Proposed Ad (Case No. 16494)
2. Application and Proposed Ad (Case No. 16495)
3. Landman's Affidavit for Case No. 16494 (Tyler Jolly)
4. Landman's Affidavit for Case No. 16495 (Tyler Jolly)
5. Geologist's Affidavit for Case No. 16494 (Tyler Hill)
6. Geologist's Affidavit for Case No. 16495 (Tyler Hill)
7. Affidavit of Notice (Case Nos. 16494 and 16495)
8. Pooling Checklist (Case No. 16494)
9. Pooling Checklist (Case No. 16495)

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

APPLICATION OF MEWBOURNE OIL COMPANY  
FOR COMPULSORY POOLING, EDDY COUNTY,  
NEW MEXICO.

Case No. 16494

APPLICATION

Mewbourne Oil Company applies for an order pooling all mineral interests in the Wolfcamp formation underlying a horizontal spacing unit comprised of the N/2 of Section 20 and the N/2 of Section 19, Township 22 South, Range 28 East, N.M.P.M., Eddy County, New Mexico, and in support thereof, states:

1. Applicant is an interest owner in the N/2 of Section 20 and the N/2 of Section 19, and has the right to drill a well or wells thereon.

2. Applicant proposes to drill the following wells:

(a) The Little Giants 20/19 W0AD Fed. Com. Well No. 1H to a depth sufficient to test the Wolfcamp formation. The well is a horizontal well with a first take point in the NE/4NE/4 of 20 and a final take point in the NW/4NW/4 of Section 19;

(b) The Little Giants 20/19 W0HE Fed. Com. Well No. 2H to a depth sufficient to test the Wolfcamp formation. The well is a horizontal well with a first take point in the SE/4NE/4 of 20 and a final take point in the SW/4NW/4 of Section 19; and

(c) The Little Giants 20/19 W0HE Fed. Com. Well No. 3H to a depth sufficient to test the Wolfcamp formation. The well is a horizontal well with a first take point in the SE/4NE/4 of 20 and a final take point in the SW/4NW/4 of Section 19.

Applicant will dedicate N/2 of Section 20 and the N/2 of Section 19 to the wells.

EXHIBIT /

3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the N/2 of Section 20 and the N/2 of Section 19 for the purposes set forth herein.

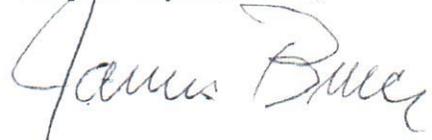
4. Although applicant attempted to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the wells or to otherwise commit their interests to the wells, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all mineral interest owners in the Wolfcamp formation underlying the N/2 of Section 20 and the N/2 of Section 19, pursuant to NMSA 1978 §§70-2-17.

5. The pooling of all mineral interests in the Wolfcamp formation underlying the N/2 of Section 20 and the N/2 of Section 19 will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

**WHEREFORE**, applicant requests that, after notice and hearing, the Division enter its order:

- A. Pooling all mineral interests in the Wolfcamp formation underlying the N/2 of Section 20 and the N/2 of Section 19;
- B. Designating applicant as operator of the wells;
- C. Considering the cost of drilling and completing the wells, and allocating the cost among the wells' working interest owners;
- D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- E. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

A handwritten signature in cursive script that reads "James Bruce". The signature is written in black ink and is positioned above a horizontal line.

---

James Bruce  
Post Office Box 1056  
Santa Fe, New Mexico 87504  
(505) 982-2043

Attorney for Mewbourne Oil Company

PROPOSED ADVERTISEMENT

Case No. \_\_\_\_\_:

*Application of Mewbourne Oil Company for compulsory pooling, Eddy County, New Mexico.* Mewbourne Oil Company seeks an order pooling all mineral interests in the Wolfcamp formation in a horizontal spacing unit comprised of the N/2 of Section 20 and the N/2 of Section 19, Township 22 South, Range 28 East, NMPM. The unit will be dedicated to: (a) The Little Giants 20/19 W0AD Fed. Com. Well No. 1H, to be drilled to a depth sufficient to test the Wolfcamp formation. The well is a horizontal well with a first take point in the NE/4NE/4 of 20 and a final take point in the NW/4NW/4 of Section 19; (b) The Little Giants 20/19 W0HE Fed. Com. Well No. 2H to be drilled to a depth sufficient to test the Wolfcamp formation. The well is a horizontal well with a first take point in the SE/4NE/4 of 20 and a final take point in the SW/4NW/4 of Section 19; and (c) The Little Giants 20/19 W0HE Fed. Com. Well No. 3H to be drilled a depth sufficient to test the Wolfcamp formation. The well is a horizontal well with a first take point in the SE/4NE/4 of 20 and a final take point in the SW/4NW/4 of Section 19. Also to be considered will be the cost of drilling and completing the wells and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells, and a 200% charge for the risk involved in drilling and completing the wells. The unit is located approximately 7 miles east-southeast of Carlsbad, New Mexico.

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

APPLICATION OF MEWBOURNE OIL COMPANY  
FOR COMPULSORY POOLING, EDDY COUNTY,  
NEW MEXICO.

Case No. 16495

APPLICATION

Mewbourne Oil Company applies for an order pooling all mineral interests in the Wolfcamp formation underlying a horizontal spacing unit comprised of the S/2 of Section 20 and the S/2 of Section 19, Township 22 South, Range 28 East, N.M.P.M., Eddy County, New Mexico, and in support thereof, states:

1. Applicant is an interest owner in the S/2 of Section 20 and the S/2 of Section 19, and has the right to drill a well or wells thereon.

2. Applicant proposes to drill the following wells:

(a) The Little Giants 20/19 W0PM Fed. Com. Well No. 1H to a depth sufficient to test the Wolfcamp formation. The well is a horizontal well with a first take point in the SE/4SE/4 of 20 and a final take point in the SW/4SW/4 of Section 19;

(b) The Little Giants 20/19 W0PM Fed. Com. Well No. 2H to a depth sufficient to test the Wolfcamp formation. The well is a horizontal well with a first take point in the SE/4SE/4 of 20 and a final take point in the SW/4SW/4 of Section 19; and

(c) The Little Giants 20/19 W0IL Fed. Com. Well No. 3H to a depth sufficient to test the Wolfcamp formation. The well is a horizontal well with a first take point in the NE/4SE/4 of 20 and a final take point in the NW/4SW/4 of Section 19.

Applicant will dedicate S/2 of Section 20 and the S/2 of Section 19 to the wells.

EXHIBIT 2

3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the S/2 of Section 20 and the S/2 of Section 19 for the purposes set forth herein.

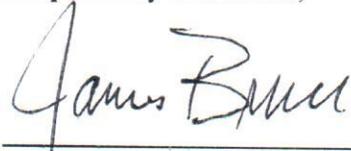
4. Although applicant attempted to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the wells or to otherwise commit their interests to the wells, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all mineral interest owners in the Wolfcamp formation underlying the S/2 of Section 20 and the S/2 of Section 19, pursuant to NMSA 1978 §§70-2-17.

5. The pooling of all mineral interests in the Wolfcamp formation underlying the S/2N/2 of Section 20 and the S/2N/2 of Section 19 will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

**WHEREFORE**, applicant requests that, after notice and hearing, the Division enter its order:

- A. Pooling all mineral interests in the Wolfcamp formation underlying the S/2 of Section 20 and the S/2 of Section 19;
- B. Designating applicant as operator of the wells;
- C. Considering the cost of drilling and completing the wells, and allocating the cost among the wells' working interest owners;
- D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- E. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

A handwritten signature in cursive script that reads "James Bruce". The signature is written in black ink and is positioned above a horizontal line.

---

James Bruce  
Post Office Box 1056  
Santa Fe, New Mexico 87504  
(505) 982-2043

Attorney for Mewbourne Oil Company

PROPOSED ADVERTISEMENT

Case No. \_\_\_\_\_:

*Application of Mewbourne Oil Company for compulsory pooling, Eddy County, New Mexico.*  
Mewbourne Oil Company seeks an order pooling all mineral interests in the Wolfcamp formation in a horizontal spacing unit comprised of the S/2 of Section 20 and the S/2 of Section 19, Township 22 South, Range 28 East, NMPM. The unit will be dedicated to: (a) The Little Giants 20/19 W0PM Fed. Com. Well No. 1H, to be drilled to a depth sufficient to test the Wolfcamp formation. The well is a horizontal well with a first take point in the SE/4SE/4 of 20 and a final take point in the SW/4SW/4 of Section 19; (b) The Little Giants 20/19 W0PM Fed. Com. Well No. 2H to be drilled to a depth sufficient to test the Wolfcamp formation. The well is a horizontal well with a first take point in the SE/4SE/4 of 20 and a final take point in the SW/4SW/4 of Section 19; and (c) The Little Giants 20/19 W0IL Fed. Com. Well No. 3H to be drilled a depth sufficient to test the Wolfcamp formation. The well is a horizontal well with a first take point in the NE/4SE/4 of 20 and a final take point in the NW/4SW/4 of Section 19. Also to be considered will be the cost of drilling and completing the wells and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells, and a 200% charge for the risk involved in drilling and completing the wells. The unit is located approximately 7 miles east-southeast of Carlsbad, New Mexico.



(b) The Little Giants 20/19 W0HE Fed. Com. Well No. 2H to be drilled to a depth sufficient to test the Wolfcamp formation. The well is a horizontal well with a first take point in the SE/4NE/4 of 20 and a final take point in the SW/4NW/4 of Section 19; and

(c) The Little Giants 20/19 W0HE Fed. Com. Well No. 3H to be drilled a depth sufficient to test the Wolfcamp formation. The well is a horizontal well with a first take point in the SE/4NE/4 of 20 and a final take point in the SW/4NW/4 of Section 19.

C-102s for the wells are submitted as Attachment B.

(d) There is no depth severance in the Wolfcamp formation.

(e) The parties being pooled, and their interests, are set forth in Attachment C. All interest owners are locatable.

Please note that at the time the pooling application was filed in late 2018 the interests attributed to XTO Holdings, LLC were owned by certain Bass family entities.

(f) Attachment D contains a summary of contacts with the interest owners, together with a sample copy of the proposal letters. Several of the interest owners originally sent well proposals have voluntarily committed their interests to the wells.

(g) This case and a number of related cases filed by both Mewbourne and Marathon Oil Permian LLC (“Marathon”) have been ongoing since later 2018, but have now been settled by them. That is why this application has an old case number.

(h) Mewbourne has made a good faith effort to obtain the voluntary joinder of the working interest owners in the proposed wells.

(i) Mewbourne has the right to pool the overriding royalty owners in the well unit.

(j) Authorizations for Expenditure (“AFE”) for the proposed wells are submitted as Attachment E. The estimated cost of the wells set forth therein are fair and reasonable, and are comparable to the costs of other wells of similar depth and length drilled in this area of Eddy County. However, Mewbourne is preparing updated AFEs, which it anticipates will have lower costs than these AFEs.

(k) Mewbourne requests overhead and administrative rates of \$8000/month for a drilling well and \$800/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this area of Eddy County. They are also the rates set forth in the Joint Operating Agreement for the well unit. Mewbourne requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.

(l) Mewbourne requests that the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.

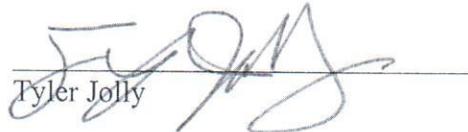
(m) Mewbourne requests that it be designated operator of the wells.

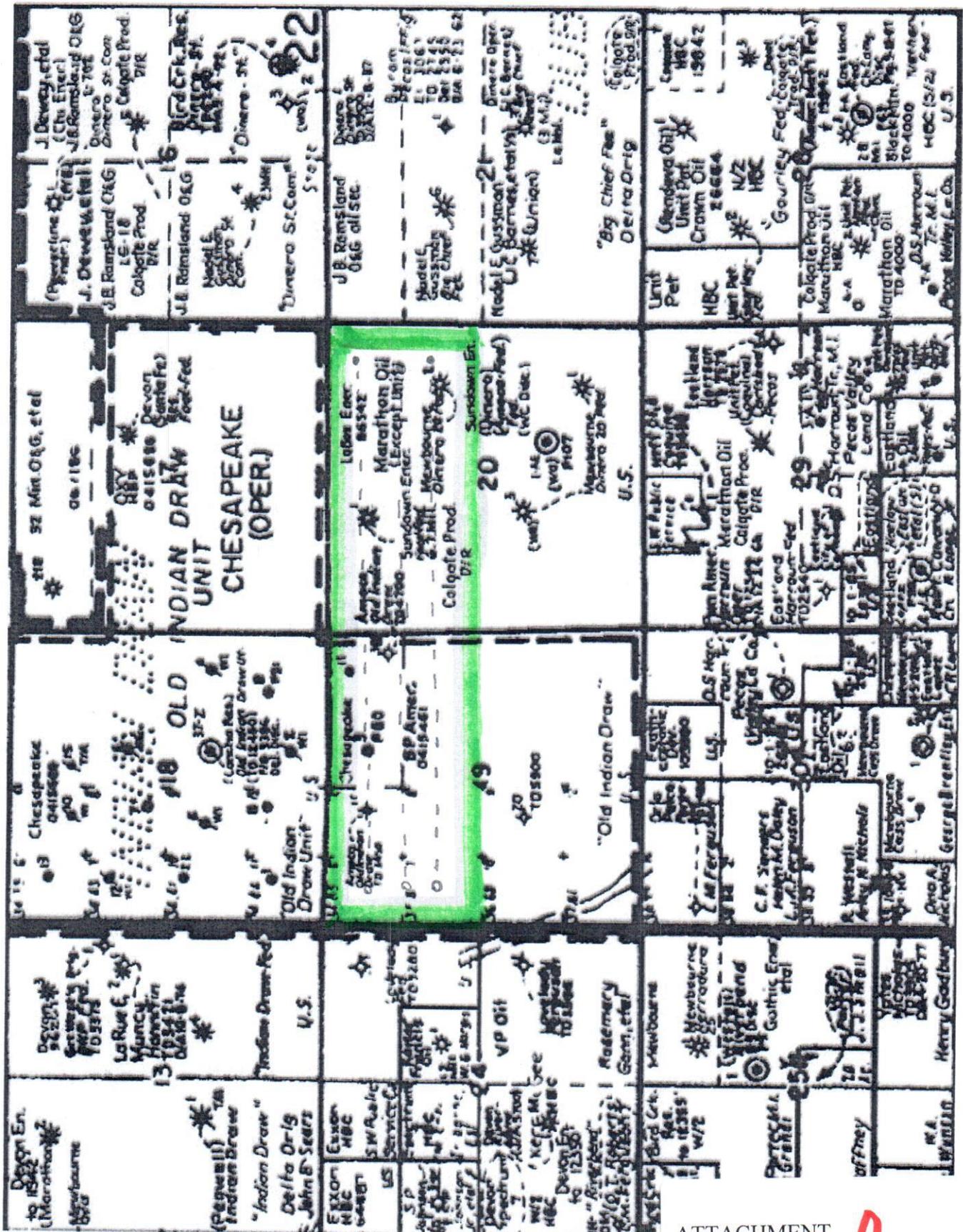
(n) The attachments to this affidavit were prepared by me or under my supervision, or compiled from company business records.

(o) The granting of this application is in the interests of conservation and the prevention of waste.

3. I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 and 2 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: 7-21-2020

  
Tyler Jolly



ATTACHMENT

A

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		<sup>2</sup> Pool Code		<sup>3</sup> Pool Name	
<sup>4</sup> Property Code		<sup>5</sup> Property Name <b>LITTLE GIANTS 20/19 WOAD FED COM</b>			<sup>6</sup> Well Number <b>1H</b>
<sup>7</sup> OGRID NO.		<sup>8</sup> Operator Name <b>MEWBOURNE OIL COMPANY</b>			<sup>9</sup> Elevation <b>3071'</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>H</b>	<b>20</b>	<b>22S</b>	<b>28E</b>		<b>1310</b>	<b>NORTH</b>	<b>205</b>	<b>EAST</b>	<b>EDDY</b>

<sup>11</sup> Bottom Hole Location If Different From Surface

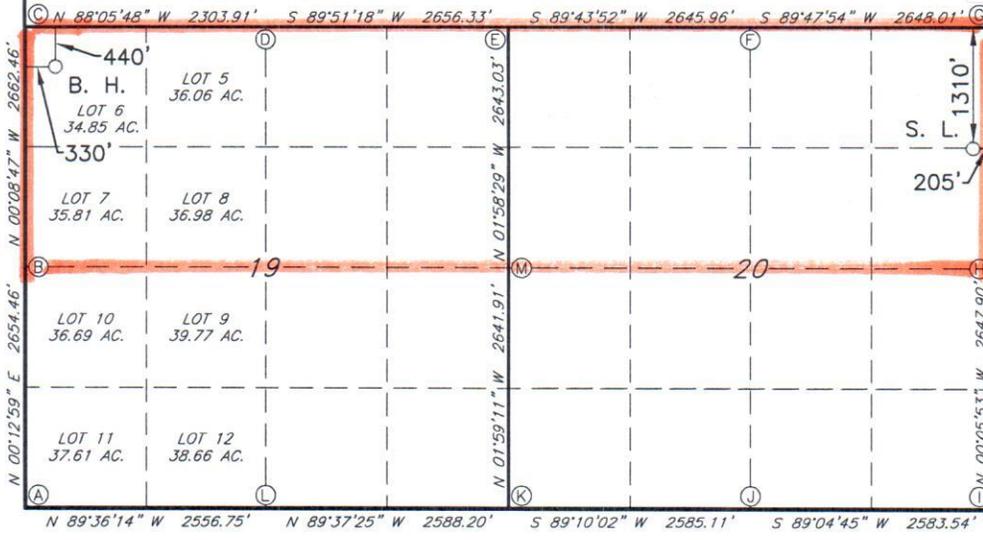
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>6</b>	<b>19</b>	<b>22S</b>	<b>28E</b>		<b>440</b>	<b>NORTH</b>	<b>330</b>	<b>WEST</b>	<b>EDDY</b>

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

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

<sup>16</sup> CORNER DATA NAD 83 GRID - NM EAST A: CALCULATED CORNER N: 498738.4 - E: 602695.4 B: FOUND BRASS CAP "1943" N: 501392.4 - E: 602705.4 C: FOUND BRASS CAP "1916" N: 504054.4 - E: 602698.6 D: FOUND BRASS CAP "1943" N: 503977.8 - E: 605000.8 E: FOUND BRASS CAP "1943" N: 503984.6 - E: 607656.7 F: FOUND BRASS CAP "1943" N: 503997.0 - E: 610302.1	G: FOUND BRASS CAP "1943" N: 504006.3 - E: 612949.6 H: FOUND BRASS CAP "1943" N: 501428.4 - E: 613002.6 I: FOUND BRASS CAP "1943" N: 498781.0 - E: 613007.1 J: FOUND BRASS CAP "1943" N: 498741.3 - E: 610423.7 K: FOUND BRASS CAP "1943" N: 498703.7 - E: 607839.3 L: FOUND BRASS CAP "1943" N: 498720.7 - E: 605251.6 M: FOUND BRASS CAP "1943" N: 501343.6 - E: 607747.7	GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N: 502696.2 - E: 612771.5 LAT: 32.3817685° N LONG: 104.1019284° W	<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i>
		GEODETIC DATA NAD 83 GRID - NM EAST BOTTOM HOLE N: 503603.5 - E: 603029.5 LAT: 32.3843165° N LONG: 104.1334813° W	

ATTACHMENT **B**



<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 and correct to the best of my belief.*

**10-15-18**  
Date of Survey

Signature and Seal of Professional Surveyor

**19680**  
Certificate Number

**ROBERT M. HOWETT**  
NEW MEXICO  
19680  
PROFESSIONAL SURVEYOR

Job No.: LS18101188

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  
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Submit one copy to appropriate  
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code		<sup>3</sup> Pool Name	
<sup>4</sup> Property Code		<sup>5</sup> Property Name <b>LITTLE GIANTS 20/19 WOHE FED COM</b>			<sup>6</sup> Well Number <b>2H</b>
<sup>7</sup> GRID NO.		<sup>8</sup> Operator Name <b>MEWBOURNE OIL COMPANY</b>			<sup>9</sup> Elevation <b>3071'</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>H</b>	<b>20</b>	<b>22S</b>	<b>28E</b>		<b>1340</b>	<b>NORTH</b>	<b>205</b>	<b>EAST</b>	<b>EDDY</b>

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>7</b>	<b>19</b>	<b>22S</b>	<b>28E</b>		<b>1340</b>	<b>NORTH</b>	<b>330</b>	<b>WEST</b>	<b>EDDY</b>

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

<sup>16</sup> CORNER DATA NAD 83 GRID - NM EAST A: CALCULATED CORNER N: 498738.4 - E: 602695.4 B: FOUND BRASS CAP "1943" N: 501392.4 - E: 602705.4 C: FOUND BRASS CAP "1916" N: 504054.4 - E: 602698.6 D: FOUND BRASS CAP "1943" N: 503977.8 - E: 605000.8 E: FOUND BRASS CAP "1943" N: 503984.6 - E: 607656.7 F: FOUND BRASS CAP "1943" N: 503997.0 - E: 610302.1 G: FOUND BRASS CAP "1943" N: 504006.3 - E: 612949.6 H: FOUND BRASS CAP "1943" N: 501428.4 - E: 613002.6 I: FOUND BRASS CAP "1943" N: 498781.0 - E: 613007.1 J: FOUND BRASS CAP "1943" N: 498741.3 - E: 610423.7 K: FOUND BRASS CAP "1943" N: 498703.7 - E: 607839.3 L: FOUND BRASS CAP "1943" N: 498720.7 - E: 605251.6 M: FOUND BRASS CAP "1943" N: 501343.6 - E: 607747.7	GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N: 502666.2 - E: 612772.2 LAT: 32.3816860° N LONG: 104.1019265° W GEODETIC DATA NAD 83 GRID - NM EAST BOTTOM HOLE N: 502703.6 - E: 603031.8 LAT: 32.3818430° N LONG: 104.1334793° W	<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 unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
		Signature _____ Date _____ Printed Name _____ E-mail Address _____
		<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 and correct to the best of my belief.
10-15-18 Date of Survey Signature and Seal of Professional Surveyor 		19680 Certificate Number

Job No.: LS18101189

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1625 N. French Dr., Hobbs, NM 88240  
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>7</b>	<b>19</b>	<b>22S</b>	<b>28E</b>		<b>2200</b>	<b>NORTH</b>	<b>330</b>	<b>WEST</b>	<b>EDDY</b>

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

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

<p><sup>16</sup> <b>CORNER DATA</b> NAD 83 GRID - NM EAST G: FOUND BRASS CAP "1943" N: 504006.3 - E: 612949.6 A: CALCULATED CORNER N: 498738.4 - E: 602695.4 B: FOUND BRASS CAP "1943" N: 501392.4 - E: 602705.4 C: FOUND BRASS CAP "1916" N: 504054.4 - E: 602698.6 D: FOUND BRASS CAP "1943" N: 503977.8 - E: 605000.8 E: FOUND BRASS CAP "1943" N: 503984.6 - E: 607656.7 F: FOUND BRASS CAP "1943" N: 503997.0 - E: 610302.1 H: FOUND BRASS CAP "1943" N: 501428.4 - E: 613002.6 I: FOUND BRASS CAP "1943" N: 498781.0 - E: 613007.1 J: FOUND BRASS CAP "1943" N: 498741.3 - E: 610423.7 K: FOUND BRASS CAP "1943" N: 498703.7 - E: 607839.3 L: FOUND BRASS CAP "1943" N: 498720.7 - E: 605251.6 M: FOUND BRASS CAP "1943" N: 501343.6 - E: 607747.7</p>	<p><b>GEODETIC DATA</b> NAD 83 GRID - NM EAST <b>SURFACE LOCATION</b> N: 502636.2 - E: 612772.8 LAT: 32.3816036° N LONG: 104.1019248° W <b>GEODETIC DATA</b> NAD 83 GRID - NM EAST <b>BOTTOM HOLE</b> N: 501843.8 - E: 603034.0 LAT: 32.3794794° N LONG: 104.1334774° W</p>	<p><sup>17</sup> <b>OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> Signature _____ Date _____ Printed Name _____ E-mail Address _____</p>
		<p><sup>18</sup> <b>SURVEYOR CERTIFICATION</b> <i>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 and correct to the best of my belief.</i> <b>10-15-18</b> Date of Survey Signature and Seal of Professional Surveyor <b>19680</b> Certificate Number <b>19680</b> Job No.: LS18101190</p>

Tract Ownership  
 Little Giants 20-19 WOAD Fed Com #1H  
 Little Giants 20-19 WOHE Fed Com #2H  
 Little Giants 20-19 WOHE Fed Com #3H

Owner	Tract	Percentage	Gross Acres	Net Acres
Mewbourne Oil Company, et al.	N2 Sec. 20	85.00%	320	272
EOG Resources, Inc.	N2 Sec. 20	15.00%	320	48
Total	N2 Sec. 20	100.00%	320	320

Owner	Tract	Percentage	Gross Acres	Net Acres
Mewbourne Oil Company, et al.	N2NE4 Sec. 19	59.064060%	80	47.2512480
XTO Holdings, LLC	N2NE4 Sec. 19	40.935940%	80	32.7487520
Total	N2NE4 Sec. 19	100.000000%	80	80.0000000

Owner	Tract	Percentage	Gross Acres	Net Acres
Mewbourne Oil Company, et al.	S2NE4, Lots 5-8	82.950000%	222.7	184.7296500
XTO Holdings, LLC	S2NE4, Lots 5-8	17.050000%	222.7	37.9703500
Total	S2NE4, Lots 5-18	100.000000%	222.7	222.7000000

N2 of Section 20 & N2 of Section 19 Ownership

Owner	Net Acres	Percentage	Spacing Unit Acres (N2N2 Sec. 20, N2NE4 & Lots 5, 6 (N2NNW4))
Mewbourne Oil Company, et al.	503.9808980	80.934784%	622.70
XTO Holdings, LLC	70.7191020	11.356850%	622.70
EOG Resources, Inc.	48	7.708367%	622.70
Total	622.7000000	100.000000%	622.70

ATTACHMENT



Summary of Communication with XTO Holdings, LLC (“XTO”)

Case # 16494, and 16495  
Compulsory Pooling Applications

Case #'s	Well Name	APIs
16494	Little Giants 20/19 W0AD Fed Com #1H	Pending
16494	Little Giants 20/19 W0HE Fed Com #2H	Pending
16494	Little Giants 20/19 W0HE Fed Com #3H	30-015-46238
16495	Little Giants 20/19 W0PM Fed Com #1H	Pending
16495	Little Giants 20/19 W0PM Fed Com #2H	Pending
16495	Little Giants 20/19 W0IL Fed Com #3H	Pending

Sections 19 and 20, T22S, R28E  
Eddy County, New Mexico

- 8/24/2018: Sent Proposals via certified mail for the Little Giants 20/19 W0PM Fed Com #1H & #2H and Little Giants 20/19 W0IL Fed Com #3H.
- 9/20/2018: Sent Proposals via certified mail for the Little Giants 20/19 W0AD Fed Com #1H, Little Giants 20/19 W0HE Fed Com #2H & 3H.
- 7/15/2020: Email communication with William Davis at XTO discussing the development plan.

ATTACHMENT



Summary of Communication with EOG Resources, Inc. ("EOG")

Case # 16494, and 16495  
Compulsory Pooling Applications

Case #'s	Well Name	APIs
16494	Little Giants 20/19 W0AD Fed Com #1H	Pending
16494	Little Giants 20/19 W0HE Fed Com #2H	Pending
16494	Little Giants 20/19 W0HE Fed Com #3H	30-015-46238
16495	Little Giants 20/19 W0PM Fed Com #1H	Pending
16495	Little Giants 20/19 W0PM Fed Com #2H	Pending
16495	Little Giants 20/19 W0IL Fed Com #3H	Pending

Sections 19 and 20, T22S, R28E  
Eddy County, New Mexico

- 8/24/2018: Sent Proposals via certified mail for the Little Giants 20/19 W0PM Fed Com #1H & #2H and Little Giants 20/19 W0IL Fed Com #3H.
- 9/20/2018: Sent Proposals via certified mail for the Little Giants 20/19 W0AD Fed Com #1H, Little Giants 20/19 W0HE Fed Com #2H & 3H.
- 1-5/2019: Discussed proposals over the phone with Chuck Moran at EOG over several month period. EOG is wanting to trade out of the prospect.
- 7/15/2020: Email communication with Katie McBryde at EOG discussing the upcoming pooling.

# MEWBOURNE OIL COMPANY

500 West Texas, Suite 1020  
Midland, Texas 79701  
Phone (432) 682-3715  
Fax (432) 685-4170

September 19, 2018

Via: Certified Mail

EOG Resources, Inc.  
5509 Champions Drive  
Midland, Texas 79706  
Attn: Land Manager

Re: Proposed Horizontal Wolfcamp Wells  
Little Giants 20/19 W0AD Fed Com #1H  
Little Giants 20/19 W0HE Fed Com #2H  
Little Giants 20/19 W0HE Fed Com #3H  
All of Section 20, T22S-R28E  
All of Section 19, T22S-R28E  
Eddy County, New Mexico

Dear Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form a 1253.43 acre Working Interest Unit ("WIU") covering all of the above captioned section 20 and all of the above captioned section 19 for oil and gas production. The targeted interval for the proposed unit is the Wolfcamp formation. Mewbourne hereby proposes to drill and operate the following horizontal Wolfcamp wells:

1. Little Giants 20/19 W0AD Fed Com #1H located at a surface location 1310' FNL & 205' FEL of Section 20, with a bottom hole location 440' FNL & 330' FWL of Section 19, of the above captioned lands. We anticipate drilling to an approximate total vertical depth of 9,450' and plan to continue drilling horizontally to the west to the proposed bottom hole location at an approximate total measured depth of 19,470.
2. Little Giants 20/19 W0HE Fed Com #2H located at a surface location 1340' FNL & 205' FEL of Section 20, with a bottom hole location 1340' FNL & 330' FWL of Section 19, of the above captioned lands. We anticipate drilling to an approximate total vertical depth of 9,455' and plan to continue drilling horizontally to the west to the proposed bottom hole location at an approximate total measured depth of 19,480.
3. Little Giants 20/19 W0HE Fed Com #3H located at a surface location 1370' FNL & 205' FEL of Section 20, with a bottom hole location 2200' FNL & 330' FWL of Section 19, of the above captioned lands. We anticipate drilling to an approximate total vertical depth of 9,460' and plan to continue drilling horizontally to the west to the proposed bottom hole location at an approximate total measured depth of 19,480.

Regarding the above, enclosed for your further handling and information are copies of our Authorization For Expenditure ("AFE") for the Little Giants 20/19 W0AD Fed Com #1H, Little Giants 20/19 W0HE Fed Com #2H and Little Giants 20/19 W0HE Fed Com #3H wells.

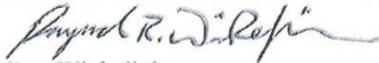
Please indicate your participation election by having each AFE executed and returned to my attention at the above address within thirty (30) days of receipt hereof.

Also, attached is a copy of our proposed Joint Operating Agreement dated September 1, 2018, by and between Mewbourne Oil Company as Operator and Marathon Oil Permian, et al, as Non-Operator ("2018 JOA"). This 2018 JOA will govern the drilling of the above wells as well as the wells proposed on August 24, 2018. Please return only the executed extra signature pages.

Feel free to contact me at (432) 682-3715 or via email at [rwinkeljohn@mewbourne.com](mailto:rwinkeljohn@mewbourne.com) if you have any questions or concerns. I look forward to hearing from you.

Sincerely,

**MEWBOURNE OIL COMPANY**



Ray Winkeljohn  
Landman



September 26, 2018

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number:  
9402 8106 9994 5034 8984 86.

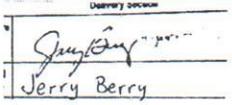
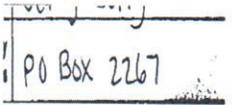
#### Item Details

Status:	Delivered
Status Date / Time:	September 26, 2018, 7:37 am
Location:	MIDLAND, TX 79702
Postal Product:	Priority Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic Up to \$50 insurance included
Recipient Name:	EOG Y Resources Inc

#### Shipment Details

Weight:	2lb, 0.0oz
---------	------------

#### Recipient Signature

Signature of Recipient:	
Address of Recipient:	

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,  
United States Postal Service®  
475 L'Enfant Plaza SW  
Washington, D.C. 20260-0004

EOG Y Resources, Inc.  
Attn: Permian Land Manager  
5509 CHAMPIONS DR  
MIDLAND, TX 79706  
Reference #: Proposed Horizontal Wolfcamp Wells RW  
Item ID: Proposed Horizontal Wolfcamp Wells

**From:** Tyler Jolly <tjolly@mewbourne.com>  
**Sent:** Wednesday, July 15, 2020 4:10 PM  
**To:** Katie McBryde <Katie\_McBryde@eogresources.com>  
**Subject:** RE: [EXT] Little Giants/Little Rascals

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Katie,

Cy is out of town, but he forwarded this email to me. We have been asked by the commission to move forward with these next week since we have been on the docket for a while now and finally have things worked out with Marathon.

We are open to working with EOG to come to a solution since I am sure you guys are not wanting to participate. Did you have any ideas on a trade or some other type of deal that may work for both companies?

**Tyler Jolly**  
**Mewbourne Oil Company**  
500 West Texas, Suite 1020,  
Midland, TX 79701  
Ph: 432-682-3715

**From:** Katie McBryde <Katie\_McBryde@eogresources.com>  
**Date:** July 14, 2020 at 2:56:13 PM CDT  
**To:** Cy Shook <cshook@mewbourne.com>  
**Subject:** [EXT] Little Giants/Little Rascals

Hey Cy,

The subject proposals are from 2018 and I know the hearing is scheduled for next Thursday. Any updates to the applications or proposals we should be aware of?

Also, do still intend to go to hearing next week?

Thanks,  
Katie

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**Katie McBryde**  
Landman II – Midland Division  
EOG Resources, Inc.  
Office: 432.848.9022 | Mobile: 432.230.1836



## Tyler Jolly

---

**From:** Tyler Jolly  
**Sent:** Thursday, July 16, 2020 9:46 AM  
**To:** Katie McBryde  
**Subject:** RE: [EXT] Little Giants/Little Rascals  
**Attachments:** EOG Little Giants Wolfcamp Proposal; 8-24-2018.pdf; EOG Little Giants Wolfcamp Proposal; 9-19-2018.pdf; EOG Little Giants Bone Spring Proposal; 9-20-2018.pdf; 20200716090923651.pdf

Katie,

The first batch of the Wolfcamp wells is on the schedule to spud 2<sup>nd</sup> quarter 2021.

See attached proposal letters that Ray sent. I am showing EOG with 15% in Section 20 (96 net acres) in the Bone Spring and Wolfcamp formations.

Please let me know if you have any questions or need additional information.

**Tyler Jolly**  
**Mewbourne Oil Company**  
500 West Texas, Suite 1020,  
Midland, TX 79701  
Ph: 432-682-3715

**From:** Katie McBryde <Katie\_McBryde@eogresources.com>  
**Sent:** Thursday, July 16, 2020 8:44 AM  
**To:** Tyler Jolly <tjolly@mewbourne.com>  
**Subject:** RE: [EXT] Little Giants/Little Rascals

Hey Tyler,

Couple questions.

1. Pending you get an order in the next 1-3 months, what is the anticipated spud date? Will you develop this year, basically?
2. The only cases moving forward are Wolfcamp Little Giants right?
  - a. I can't even find the original proposal, and it was before my time at EOG, so I don't even know what our interest is here, can you confirm our interest in the Wolfcamp here?

Let me know those details – I have my team digging up the info too – and we can work towards a solution.

Thanks,  
Katie

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**Katie McBryde**  
EOG Resources, Inc.  
Office: 432.848.9022 | Mobile: 432.230.1836

# MEWBOURNE OIL COMPANY

## AUTHORIZATION FOR EXPENDITURE

Well Name: <b>Little Giants 20/19 W0AD Fed Com #1H</b>	Prospect: <b>Wolfcamp Y Sand</b>
Location: <b>SHL: 1310' FNL &amp; 205' FEL (20); BHL: 440' FNL &amp; 330' FWL (19)</b>	County: <b>Eddy</b> ST: <b>NM</b>
Sec. <b>20/19</b> Blk: <b>    </b> Survey: <b>    </b>	TWP: <b>22S</b> RNG: <b>28E</b> Prop. TVD: <b>9450</b> TMD: <b>19470</b>

INTANGIBLE COSTS 0180	CODE	TCP	CODE	CC
Regulatory Permits & Surveys	0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation	0180-0105	\$50,000	0180-0205	\$25,000
Location / Restoration	0180-0106	\$200,000	0180-0206	\$30,000
Daywork / Turnkey / Footage Drilling 35 days drlg / 4 days comp @ \$22000/d	0180-0110	\$823,000	0180-0210	\$60,900
Fuel 1700 gal/day @ 2.70/gal	0180-0114	\$193,700	0180-0214	\$520,000
Mud, Chemical & Additives	0180-0120	\$240,000	0180-0220	
Horizontal Drillout Services Coil Tbg Drillout			0180-0222	\$200,000
Cementing	0180-0125	\$110,000	0180-0225	\$40,000
Logging & Wireline Services	0180-0130	\$2,000	0180-0230	\$480,000
Casing / Tubing / Snubbing Service	0180-0134	\$20,000	0180-0234	\$70,000
Mud Logging	0180-0137	\$30,000		
Stimulation 61 Stg 24.7 MM gal / 24.7 MM lb			0180-0241	\$3,160,000
Stimulation Rentals & Other			0180-0242	\$200,000
Water & Other	0180-0145	\$50,000	0180-0245	\$580,000
Bits	0180-0148	\$90,000	0180-0248	\$8,000
Inspection & Repair Services	0180-0150	\$40,000	0180-0250	\$5,000
Misc. Air & Pumping Services	0180-0154		0180-0254	\$10,000
Testing & Flowback Services	0180-0158	\$15,000	0180-0258	\$30,000
Completion / Workover Rig			0180-0260	\$10,500
Rig Mobilization	0180-0164	\$150,000		
Transportation	0180-0165	\$20,000	0180-0265	\$20,000
Welding Services	0180-0168	\$5,000	0180-0268	\$15,000
Contract Services & Supervision	0180-0170	\$57,000	0180-0270	\$42,000
Directional Services Includes Vertical Control	0180-0175	\$346,500		
Equipment Rental	0180-0180	\$291,600	0180-0280	\$30,000
Well / Lease Legal	0180-0184	\$5,000	0180-0284	
Well / Lease Insurance	0180-0185	\$5,500	0180-0285	
Intangible Supplies	0180-0188	\$8,000	0180-0288	\$10,000
Damages	0180-0190	\$25,000	0180-0290	
ROW & Easements	0180-0192		0180-0292	\$10,000
Pipeline Interconnect			0180-0293	
Company Supervision	0180-0195	\$182,400	0180-0295	\$134,400
Overhead Fixed Rate	0180-0196	\$10,000	0180-0296	\$20,000
Well Abandonment	0180-0198		0180-0298	
Contingencies 2% (TCP) 2% (CC)	0180-0199	\$59,800	0180-0299	\$114,200
<b>TOTAL</b>		<b>\$3,049,500</b>		<b>\$5,825,000</b>

TANGIBLE COSTS 0181	CODE	TCP	CODE	CC
Casing (19.1" - 30")	0181-0793			
Casing (10.1" - 19.0") 510' - 13 3/8" 54.5# J-55 ST&C @ \$35.90/ft	0181-0794	\$19,600		
Casing (8.1" - 10.0") 2650' - 9 5/8" 40# N-80 LT&C @ \$27.61/ft	0181-0795	\$78,200		
Casing (6.1" - 8.0") 9785' - 7" 29# P-110 LT&C @ \$27.76/ft	0181-0796	\$290,200		
Casing (4.1" - 6.0") 10620' - 4 1/2" 13.5# P-110 BPN @ \$13.66/ft			0181-0797	\$155,000
Tubing (2" - 4") 8985' - 2 7/8" 6.5# L-80 EUE 8rd @ \$5.62/ft			0181-0798	\$54,000
Drilling Head	0181-0860	\$40,000		
Tubing Head & Upper Section			0181-0870	\$50,000
Horizontal Completion Tools Completion Liner Hanger			0181-0871	\$70,000
Sucker Rods			0181-0875	
Subsurface Equipment			0181-0880	
Artificial Lift Systems Gas Lift Valves & Packer			0181-0884	\$25,000
Pumping Unit			0181-0885	
Surface Pumps & Prime Movers			0181-0886	\$40,000
Tanks - Oil 3 - 750 bbl			0181-0890	\$50,000
Tanks - Water 3 - 750 bbl steel coated			0181-0891	\$55,000
Separation / Treating Equipment 30"x10"x1k# 3 ph/36"x15"x1k# Hor 3ph/Gun bbl			0181-0895	\$40,000
Heater Treaters, Line Heaters 8x20x75# HT			0181-0897	\$25,000
Metering Equipment			0181-0898	\$14,000
Line Pipe & Valves - Gathering			0181-0900	\$150,000
Fittings / Valves & Accessories			0181-0906	\$120,000
Cathodic Protection			0181-0908	\$8,000
Electrical Installation			0181-0909	\$50,000
Equipment Installation			0181-0910	\$40,000
Pipeline Construction			0181-0920	\$100,000
<b>TOTAL</b>		<b>\$428,000</b>		<b>\$1,046,000</b>
<b>SUBTOTAL</b>		<b>\$3,477,500</b>		<b>\$6,871,000</b>

**TOTAL WELL COST \$10,348,500**

**Extra Expense Insurance**

I elect to be covered by Operator's Extra Expense Insurance and pay my proportionate share of the premium. Operator has secured Extra Expense Insurance covering costs of well control, clean up and redrilling as estimated in Line Item 0180-0185.

I elect to purchase my own well control insurance policy.

If neither box is checked above, non-operating working interest owner elects to be covered by Operator's well control insurance.

Prepared by: T. Cude Date: 8/15/2018

Company Approval: \_\_\_\_\_ Date: \_\_\_\_\_

Joint Owner Interest: \_\_\_\_\_ Amount: \_\_\_\_\_

Joint Owner Name: \_\_\_\_\_ Signature: \_\_\_\_\_

**ATTACHMENT**

# MEWBOURNE OIL COMPANY

## AUTHORIZATION FOR EXPENDITURE

Well Name: Little Giants 20/19 W0HE Fed Com #2H Prospect: Wolfcamp Y Sand  
 Location: SHL: 1340' FNL & 205' FEL (20); BHL: 1340' FNL & 330' FWL (19) County: Eddy ST: NM  
 Sec. 20/19 Blk:      Survey:      TWP: 22S RNG: 28E Prop. TVD: 9455 TMD: 19480

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Fuel 1700 gal/day @ 2.70/gal	0180-0114	\$193,700	0180-0214	\$520,000
Mud, Chemical & Additives	0180-0120	\$240,000	0180-0220	
Horizontal Drillout Services Coil Tbg Drillout			0180-0222	\$200,000
Cementing	0180-0125	\$110,000	0180-0225	\$40,000
Logging & Wireline Services	0180-0130	\$2,000	0180-0230	\$480,000
Casing / Tubing / Snubbing Service	0180-0134	\$20,000	0180-0234	\$70,000
Mud Logging	0180-0137	\$30,000		
Stimulation 61 Stg 24.7 MM gal / 24.7 MM lb			0180-0241	\$3,160,000
Stimulation Rentals & Other			0180-0242	\$200,000
Water & Other	0180-0145	\$50,000	0180-0245	\$580,000
Bits	0180-0148	\$90,000	0180-0248	\$8,000
Inspection & Repair Services	0180-0150	\$40,000	0180-0250	\$5,000
Misc. Air & Pumping Services	0180-0154		0180-0254	\$10,000
Testing & Flowback Services	0180-0158	\$15,000	0180-0258	\$30,000
Completion / Workover Rig			0180-0260	\$10,500
Rig Mobilization	0180-0164	\$150,000		
Transportation	0180-0165	\$20,000	0180-0265	\$20,000
Welding Services	0180-0168	\$5,000	0180-0268	\$15,000
Contract Services & Supervision	0180-0170	\$57,000	0180-0270	\$42,000
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Damages	0180-0190	\$25,000	0180-0290	
ROW & Easements	0180-0192		0180-0292	\$10,000
Pipeline Interconnect			0180-0293	
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Casing (6.1" - 8.0") 9790' - 7" 29# P-110 LT&C @ \$27.76/ft	0181-0796	\$290,300		
Casing (4.1" - 6.0") 10620' - 4 1/2" 13.5# P-110 BPN @ \$13.66/ft			0181-0797	\$155,000
Tubing (2" - 4") 8990' - 2 7/8" 6.5# L-80 EUE 8rd @ \$5.62/ft			0181-0798	\$54,000
Drilling Head	0181-0860	\$40,000		
Tubing Head & Upper Section			0181-0870	\$50,000
Horizontal Completion Tools Completion Liner Hanger			0181-0871	\$70,000
Sucker Rods			0181-0875	
Subsurface Equipment			0181-0880	
Artificial Lift Systems Gas Lift Valves & Packer			0181-0884	\$25,000
Pumping Unit			0181-0885	
Surface Pumps & Prime Movers			0181-0886	\$40,000
Tanks - Oil 3 - 750 bbl			0181-0890	\$50,000
Tanks - Water 3 - 750 bbl steel coated			0181-0891	\$55,000
Separation / Treating Equipment 30"x10"x1k# 3 ph/36"x15"x1k# Hor 3ph/Gun bbl			0181-0895	\$40,000
Heater Treaters, Line Heaters 8'x20'x75# HT			0181-0897	\$25,000
Metering Equipment			0181-0898	\$14,000
Line Pipe & Valves - Gathering			0181-0900	\$150,000
Fittings / Valves & Accessories			0181-0906	\$120,000
Cathodic Protection			0181-0908	\$8,000
Electrical Installation			0181-0909	\$50,000
Equipment Installation			0181-0910	\$40,000
Pipeline Construction			0181-0920	\$100,000
<b>TOTAL</b>		<b>\$428,100</b>		<b>\$1,046,000</b>
<b>SUBTOTAL</b>		<b>\$3,477,600</b>		<b>\$6,871,000</b>

**TOTAL WELL COST \$10,348,600**

Extra Expense Insurance:  
 I elect to be covered by Operator's Extra Expense Insurance and pay my proportionate share of the premium. Operator has secured Extra Expense Insurance covering costs of well control, clean up and redrilling as estimated in Line Item 0180-0185.  
 I elect to purchase my own well control insurance policy.

If neither box is checked above, non-operating working interest owner elects to be covered by Operator's well control insurance.

Prepared by: T. Cude Date: 8/15/2018  
 Company Approval: \_\_\_\_\_ Date: \_\_\_\_\_

Joint Owner Interest: \_\_\_\_\_ Amount: \_\_\_\_\_  
 Joint Owner Name: \_\_\_\_\_ Signature: \_\_\_\_\_

# MEWBOURNE OIL COMPANY

## AUTHORIZATION FOR EXPENDITURE

Well Name: **Little Giants 20/19 W0HE Fed Com #3H** Prospect: **Wolfcamp Y Sand**  
 Location: **SHL: 1370' FNL & 205' FEL (20); BHL: 2200' FNL & 330' FWL (19)** County: **Eddy** ST: **NM**  
 Sec. **20/19** Blk:  Survey:  TWP: **22S** RNG: **28E** Prop. TVD: **9460** TMD: **19480**

INTANGIBLE COSTS 0180	CODE	TCP	CODE	CC
Regulatory Permits & Surveys	0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation	0180-0105	\$50,000	0180-0205	\$25,000
Location / Restoration	0180-0106	\$200,000	0180-0206	\$30,000
Daywork / Turnkey / Footage Drilling 35 days drlg / 4 days comp @ \$22000/d	0180-0110	\$823,000	0180-0210	\$60,900
Fuel 1700 gal/day @ 2.70/gal	0180-0114	\$193,700	0180-0214	\$520,000
Mud, Chemical & Additives	0180-0120	\$240,000	0180-0220	
Horizontal Drillout Services Coil Tbg Drillout			0180-0222	\$200,000
Cementing	0180-0125	\$110,000	0180-0225	\$40,000
Logging & Wireline Services	0180-0130	\$2,000	0180-0230	\$480,000
Casing / Tubing / Snubbing Service	0180-0134	\$20,000	0180-0234	\$70,000
Mud Logging	0180-0137	\$30,000		
Stimulation 61 Stg 24.7 MM gal / 24.7 MM lb			0180-0241	\$3,160,000
Stimulation Rentals & Other			0180-0242	\$200,000
Water & Other	0180-0145	\$50,000	0180-0245	\$580,000
Bits	0180-0148	\$90,000	0180-0248	\$8,000
Inspection & Repair Services	0180-0150	\$40,000	0180-0250	\$5,000
Misc. Air & Pumping Services	0180-0154		0180-0254	\$10,000
Testing & Flowback Services	0180-0158	\$15,000	0180-0258	\$30,000
Completion / Workover Rig			0180-0260	\$10,500
Rig Mobilization	0180-0164	\$150,000		
Transportation	0180-0165	\$20,000	0180-0265	\$20,000
Welding Services	0180-0168	\$5,000	0180-0268	\$15,000
Contract Services & Supervision	0180-0170	\$57,000	0180-0270	\$42,000
Directional Services Includes Vertical Control	0180-0175	\$346,500		
Equipment Rental	0180-0180	\$291,600	0180-0280	\$30,000
Well / Lease Legal	0180-0184	\$5,000	0180-0284	
Well / Lease Insurance	0180-0185	\$5,500	0180-0285	
Intangible Supplies	0180-0188	\$8,000	0180-0288	\$10,000
Damages	0180-0190	\$25,000	0180-0290	
ROW & Easements	0180-0192		0180-0292	\$10,000
Pipeline Interconnect			0180-0293	
Company Supervision	0180-0195	\$182,400	0180-0295	\$134,400
Overhead Fixed Rate	0180-0196	\$10,000	0180-0296	\$20,000
Well Abandonment	0180-0198		0180-0298	
Contingencies 2% (TCP) 2% (CC)	0180-0199	\$59,800	0180-0299	\$114,200
<b>TOTAL</b>		<b>\$3,049,500</b>		<b>\$5,825,000</b>

TANGIBLE COSTS 0181	CODE	TCP	CODE	CC
Casing (19.1" - 30")	0181-0793			
Casing (10.1" - 19.0") 510' - 13 3/8" 54.5# J-55 ST&C @ \$35.90/ft	0181-0794	\$19,600		
Casing (8.1" - 10.0") 2650' - 9 5/8" 40# N-80 LT&C @ \$27.61/ft	0181-0795	\$78,200		
Casing (6.1" - 8.0") 9795' - 7" 29# P-110 LT&C @ \$27.76/ft	0181-0796	\$290,400		
Casing (4.1" - 6.0") 10620' - 4 1/2" 13.5# P-110 BPN @ \$13.66/ft			0181-0797	\$155,000
Tubing (2" - 4") 8995' - 2 7/8" 6.5# L-80 EUE 8rd @ \$5.62/ft			0181-0798	\$54,000
Drilling Head	0181-0860	\$40,000		
Tubing Head & Upper Section			0181-0870	\$50,000
Horizontal Completion Tools Completion Liner Hanger			0181-0871	\$70,000
Sucker Rods			0181-0875	
Subsurface Equipment			0181-0880	
Artificial Lift Systems Gas Lift Valves & Packer			0181-0884	\$25,000
Pumping Unit			0181-0885	
Surface Pumps & Prime Movers			0181-0886	\$40,000
Tanks - Oil 3 - 750 bbl			0181-0890	\$50,000
Tanks - Water 3 - 750 bbl steel coated			0181-0891	\$55,000
Separation / Treating Equipment 30"x10"x1k# 3 ph/36"x15"x1k# Hor 3ph/Gun bbl			0181-0895	\$40,000
Heater Treaters, Line Heaters 8'x20'x75# HT			0181-0897	\$25,000
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Line Pipe & Valves - Gathering			0181-0900	\$150,000
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Electrical Installation			0181-0909	\$50,000
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Pipeline Construction			0181-0920	\$100,000
<b>TOTAL</b>		<b>\$428,200</b>		<b>\$1,046,000</b>
<b>SUBTOTAL</b>		<b>\$3,477,700</b>		<b>\$6,871,000</b>

**TOTAL WELL COST \$10,348,700**

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I elect to purchase my own well control insurance policy.

If neither box is checked above, non-operating working interest owner elects to be covered by Operator's well control insurance

Prepared by: T. Cude Date: 8/15/2018

Company Approval: \_\_\_\_\_ Date: \_\_\_\_\_

Joint Owner Interest: \_\_\_\_\_ Amount: \_\_\_\_\_

Joint Owner Name: \_\_\_\_\_ Signature: \_\_\_\_\_

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

**IN THE MATTER OF THE HEARING CALLED  
BY THE OIL CONSERVATION DIVISION FOR  
THE PURPOSE OF CONSIDERING:**

**APPLICATION OF MEWBOURNE OIL COMPANY  
FOR COMPULSORY POOLING, EDDY COUNTY,  
NEW MEXICO.**

Case No. 16495

**SELF-AFFIRMED STATEMENT OF TYLER JOLLY**

COUNTY OF MIDLAND    )  
  ) ss.  
STATE OF TEXAS        )

Tyler Jolly deposes and states:

1. I am a landman for Mewbourne Oil Company (“Mewbourne”), and have personal knowledge of the matters stated herein. I have been qualified by the Division as an expert petroleum landman.

2. Pursuant to Division Rules, the following information is submitted in support of the compulsory pooling application:

(a) The purpose of this application is to force pool working interest owners into the horizontal spacing unit described below, and in wells to be drilled in the unit.

(b) No opposition is expected because the interest owners being pooled have been contacted since August 2018 regarding the proposed wells, but have simply failed or refused to voluntarily commit their interests to the wells.

(c) A plat outlining the unit being pooled is submitted as Attachment A. Mewbourne seeks an order pooling all mineral interests in the Wolfcamp formation in a horizontal spacing unit comprised of the S/2 of Section 20 and the S/2 of Section 19, Township 22 South, Range 28 East, NMPM. The unit will be dedicated to:

(a) The Little Giants 20/19 W0PM Fed. Com. Well No. 1H, to be drilled to a depth sufficient to test the Wolfcamp formation. The well is a horizontal well with a first take point in the SE/4SE/4 of 20 and a final take point in the SW/4SW/4 of Section 19;

EXHIBIT

4

(b) The Little Giants 20/19 W0PM Fed. Com. Well No. 2H to be drilled to a depth sufficient to test the Wolfcamp formation. The well is a horizontal well with a first take point in the SE/4SE/4 of 20 and a final take point in the SW/4SW/4 of Section 19; and

(c) The Little Giants 20/19 W0IL Fed. Com. Well No. 3H to be drilled a depth sufficient to test the Wolfcamp formation. The well is a horizontal well with a first take point in the NE/4SE/4 of 20 and a final take point in the NW/4SW/4 of Section 19.

C-102s for the wells are submitted as Attachment B.

(d) There is no depth severance in the Wolfcamp formation.

(e) The parties being pooled, and their interests, are set forth in Attachment C. All interest owners are locatable.

Please note that at the time the pooling application was filed in late 2018 the interests attributed to XTO Holdings, LLC were owned by certain Bass family entities.

(f) Attachment D contains a summary of contacts with the interest owners, together with a sample copy of the proposal letters. Several of the interest owners originally sent well proposals have voluntarily committed their interests to the wells.

(g) This case and a number of related cases filed by both Mewbourne and Marathon Oil Permian LLC ("Marathon") have been ongoing since later 2018, but have now been settled by them. That is why this application has an old case number.

(h) Mewbourne has made a good faith effort to obtain the voluntary joinder of the working interest owners in the proposed wells.

(i) Mewbourne has the right to pool the overriding royalty owners in the well unit.

(j) Authorizations for Expenditure ("AFE") for the proposed wells are submitted as Attachment E. The estimated cost of the wells set forth therein are fair and reasonable, and are comparable to the costs of other wells of similar depth and length drilled in this area of Eddy County. However, Mewbourne is preparing updated AFEs, which it anticipates will have lower costs than these AFEs.

(k) Mewbourne requests overhead and administrative rates of \$8000/month for a drilling well and \$800/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this area of Eddy County. They are also the rates set forth in the Joint Operating Agreement for the well unit. Mewbourne requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.

(l) Mewbourne requests that the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.

(m) Mewbourne requests that it be designated operator of the wells.

(n) The attachments to this affidavit were prepared by me or under my supervision, or compiled from company business records.

(o) The granting of this application is in the interests of conservation and the prevention of waste.

3. I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 and 2 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: 7-21-2020

  
Tyler Jolly



District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name			
4 Property Code		5 Property Name <b>LITTLE GIANTS 20/19 WOPM FED COM</b>				6 Well Number <b>1H</b>	
7 GRID NO.		8 Operator Name <b>MEWBOURNE OIL COMPANY</b>				9 Elevation <b>3062'</b>	

10 Surface Location

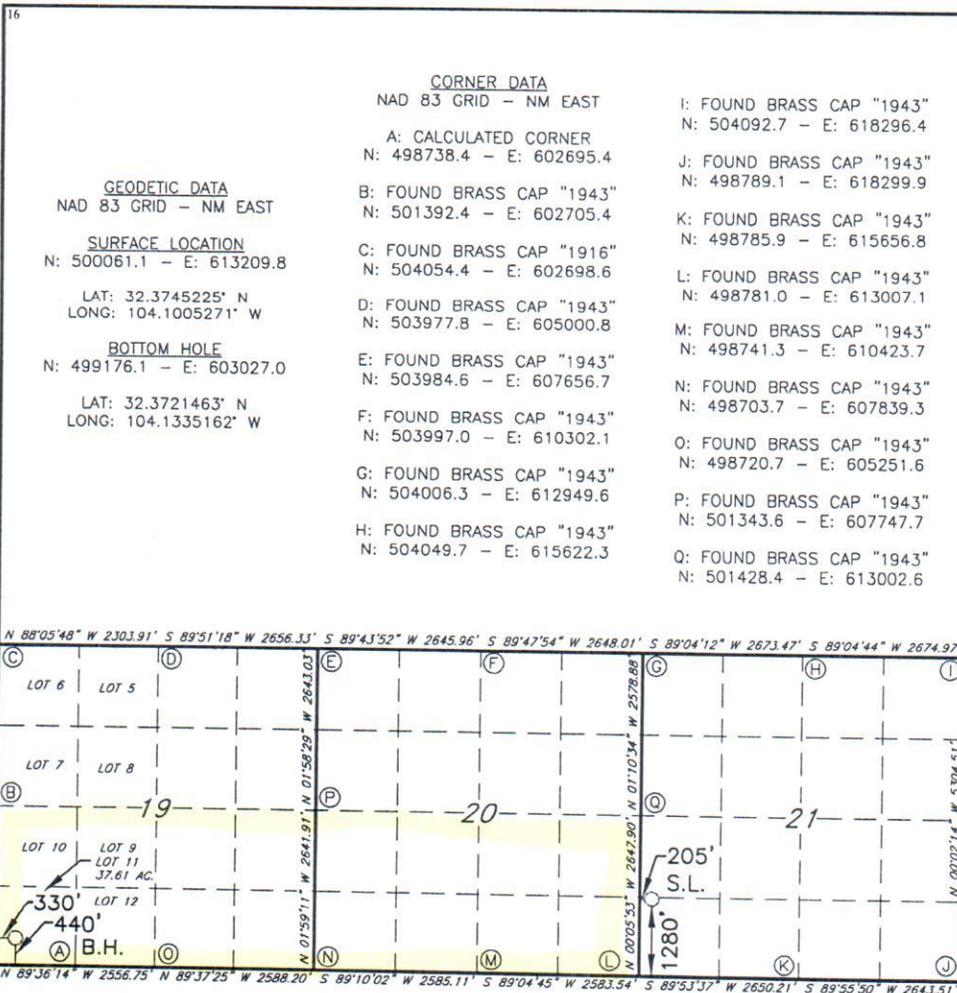
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>M</b>	<b>21</b>	<b>22S</b>	<b>28E</b>		<b>1280</b>	<b>SOUTH</b>	<b>205</b>	<b>WEST</b>	<b>EDDY</b>

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>11</b>	<b>19</b>	<b>22S</b>	<b>28E</b>		<b>440</b>	<b>SOUTH</b>	<b>330</b>	<b>WEST</b>	<b>EDDY</b>

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
--------------------	--------------------	-----------------------	--------------

No allowable will be assigned to this completion until all interest 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

ATTACHMENT **B**

Signature \_\_\_\_\_ Date \_\_\_\_\_  
Printed Name \_\_\_\_\_  
E-mail Address \_\_\_\_\_

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

10-15-2018  
Date of Survey  
Signature and Seal of Professional Surveyor  
**19680**  
Certificate Number

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name					
4 Property Code		5 Property Name <b>LITTLE GIANTS 20/19 WOPM FED COM</b>						6 Well Number <b>2H</b>	
7 GRID NO.		8 Operator Name <b>MEWBOURNE OIL COMPANY</b>						9 Elevation <b>3061'</b>	
10 Surface Location									
UL or lot no. <b>M</b>	Section <b>21</b>	Township <b>22S</b>	Range <b>28E</b>	Lot Idn	Feet from the <b>1310</b>	North/South line <b>SOUTH</b>	Feet From the <b>205</b>	East/West line <b>WEST</b>	County <b>EDDY</b>
11 Bottom Hole Location If Different From Surface									
UL or lot no. <b>11</b>	Section <b>19</b>	Township <b>22S</b>	Range <b>28E</b>	Lot Idn	Feet from the <b>1310</b>	North/South line <b>SOUTH</b>	Feet from the <b>330</b>	East/West line <b>WEST</b>	County <b>EDDY</b>
12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code		15 Order No.					

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

16

CORNER DATA

NAD 83 GRID - NM EAST

A: CALCULATED CORNER  
N: 498738.4 - E: 602695.4

B: FOUND BRASS CAP "1943"  
N: 501392.4 - E: 602705.4

C: FOUND BRASS CAP "1916"  
N: 504054.4 - E: 602698.6

D: FOUND BRASS CAP "1943"  
N: 503977.8 - E: 605000.8

E: FOUND BRASS CAP "1943"  
N: 503984.6 - E: 607656.7

F: FOUND BRASS CAP "1943"  
N: 503997.0 - E: 610302.1

G: FOUND BRASS CAP "1943"  
N: 504006.3 - E: 612949.6

H: FOUND BRASS CAP "1943"  
N: 504049.7 - E: 615622.3

I: FOUND BRASS CAP "1943"  
N: 504092.7 - E: 618296.4

J: FOUND BRASS CAP "1943"  
N: 498789.1 - E: 618299.9

K: FOUND BRASS CAP "1943"  
N: 498785.9 - E: 615656.8

L: FOUND BRASS CAP "1943"  
N: 498781.0 - E: 613007.1

M: FOUND BRASS CAP "1943"  
N: 498741.3 - E: 610423.7

N: FOUND BRASS CAP "1943"  
N: 498703.7 - E: 607839.3

O: FOUND BRASS CAP "1943"  
N: 498720.7 - E: 605251.6

P: FOUND BRASS CAP "1943"  
N: 501343.6 - E: 607747.7

Q: FOUND BRASS CAP "1943"  
N: 501428.4 - E: 613002.6

GEODETTIC DATA  
NAD 83 GRID - NM EAST

SURFACE LOCATION  
N: 500091.0 - E: 613209.8  
LAT: 32.3746048° N  
LONG: 104.1005270° W

BOTTOM HOLE  
N: 500045.9 - E: 603030.3  
LAT: 32.3745373° N  
LONG: 104.1335003° W

N 88°05'48" W 2303.91' S 89°51'18" W 2656.33' S 89°43'52" W 2645.96' S 89°47'54" W 2648.01' S 89°04'12" W 2673.47' S 89°04'44" W 2674.97'

N 001°12'59" E 2654.46' N 001°08'47" W 2662.46'

N 01°59'11" W 2641.91' N 01°58'29" W 2643.03'

N 002°53' W 2642.90' N 01°10'54" W 2578.88'

N 002°14' W 5304.51'

N 89°36'14" W 2556.75' N 89°37'25" W 2588.20' S 89°10'02" W 2585.11' S 89°04'45" W 2583.54' S 89°53'37" W 2650.21' S 89°55'50" W 2643.51'

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_

E-mail Address \_\_\_\_\_

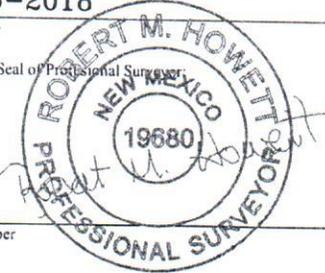
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code		<sup>3</sup> Pool Name			
<sup>4</sup> Property Code		<sup>5</sup> Property Name <b>LITTLE GIANTS 20/19 WOIL FED COM</b>				<sup>6</sup> Well Number <b>3H</b>	
<sup>7</sup> GRID NO.		<sup>8</sup> Operator Name <b>MEWBOURNE OIL COMPANY</b>				<sup>9</sup> Elevation <b>3061'</b>	

<sup>10</sup> Surface Location

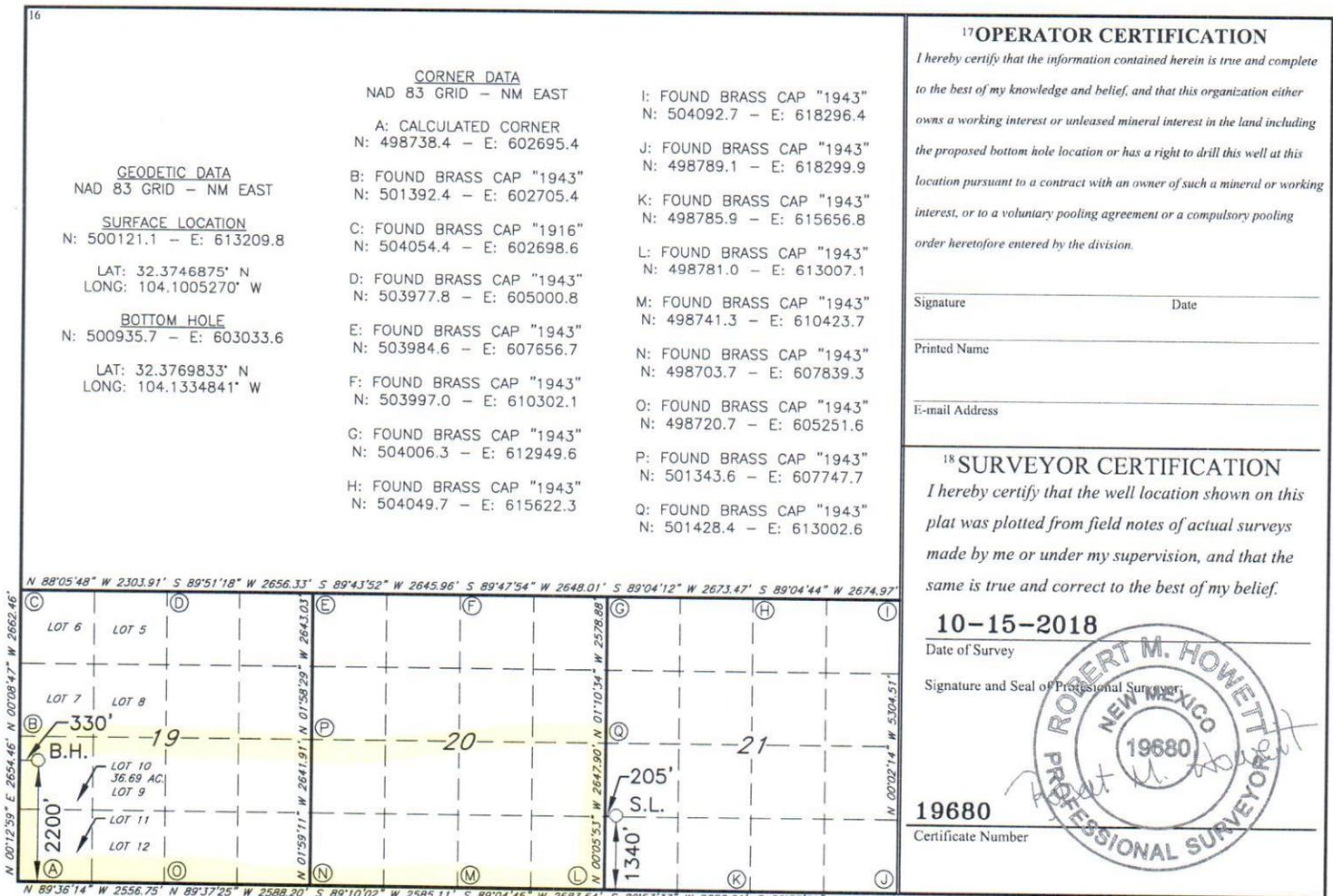
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
<b>L</b>	<b>21</b>	<b>22S</b>	<b>28E</b>		<b>1340</b>	<b>SOUTH</b>	<b>205</b>	<b>WEST</b>	<b>EDDY</b>

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>10</b>	<b>19</b>	<b>22S</b>	<b>28E</b>		<b>2200</b>	<b>SOUTH</b>	<b>330</b>	<b>WEST</b>	<b>EDDY</b>

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

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



Tract Ownership  
 Little Giants 20-19 WOPM Fed Com #1H  
 Little Giants 20-19 WOPM Fed Com #2H  
 Little Giants 20-19 WOIL Fed Com #3H

Owner	Tract	Percentage	Gross Acres	Net Acres
Mewbourne Oil Company, et al.	S2 Sec. 20	85.00%	320	272
EOG Resources, Inc.	S2 Sec. 20	15.00%	320	48
Total	S2 Sec. 20	100.00%	320	320

Owner	Tract	Percentage	Gross Acres	Net Acres
Mewbourne Oil Company, et al.	SE4, Lots 9-12 (SW4)	82.950000%	310.73	257.7505350
XTO Holdings, LLC	SE4, Lots 9-12 (SW4)	17.050000%	310.73	52.9794650
Total	SE4, Lots 9-12 (SW4)	100.000000%	310.73	310.7300000

S2 of Section 20 & S2 of Section 19 Ownership				
Owner	Net Acres	Percentage	Spacing Unit Acres (N2N2 Sec. 20, N2NE4 & Lots 5, 6 (N2NW4))	
Mewbourne Oil Company, et al.	529.7505350	83.990065%	630.73	
XTO Holdings, LLC	52.9794650	8.399706%	630.73	
EOG Resources, Inc.	48	7.610229%	630.73	
Total	630.7300000	100.000000%	630.73	

ATTACHMENT



Summary of Communication with XTO Holdings, LLC ("XTO")

Case # 16494, and 16495  
Compulsory Pooling Applications

Case #'s	Well Name	APIs
16494	Little Giants 20/19 W0AD Fed Com #1H	Pending
16494	Little Giants 20/19 W0HE Fed Com #2H	Pending
16494	Little Giants 20/19 W0HE Fed Com #3H	30-015-46238
16495	Little Giants 20/19 W0PM Fed Com #1H	Pending
16495	Little Giants 20/19 W0PM Fed Com #2H	Pending
16495	Little Giants 20/19 W0IL Fed Com #3H	Pending

Sections 19 and 20, T22S, R28E  
Eddy County, New Mexico

- 8/24/2018: Sent Proposals via certified mail for the Little Giants 20/19 W0PM Fed Com #1H & #2H and Little Giants 20/19 W0IL Fed Com #3H.
- 9/20/2018: Sent Proposals via certified mail for the Little Giants 20/19 W0AD Fed Com #1H, Little Giants 20/19 W0HE Fed Com #2H & 3H.
- 7/15/2020: Email communication with William Davis at XTO discussing the development plan.

ATTACHMENT 

Summary of Communication with EOG Resources, Inc. ("EOG")

Case # 16494, and 16495  
Compulsory Pooling Applications

Case #'s	Well Name	APIs
16494	Little Giants 20/19 W0AD Fed Com #1H	Pending
16494	Little Giants 20/19 W0HE Fed Com #2H	Pending
16494	Little Giants 20/19 W0HE Fed Com #3H	30-015-46238
16495	Little Giants 20/19 W0PM Fed Com #1H	Pending
16495	Little Giants 20/19 W0PM Fed Com #2H	Pending
16495	Little Giants 20/19 W0IL Fed Com #3H	Pending

Sections 19 and 20, T22S, R28E  
Eddy County, New Mexico

8/24/2018: Sent Proposals via certified mail for the Little Giants 20/19 W0PM Fed Com #1H & #2H and Little Giants 20/19 W0IL Fed Com #3H.

9/20/2018: Sent Proposals via certified mail for the Little Giants 20/19 W0AD Fed Com #1H, Little Giants 20/19 W0HE Fed Com #2H & 3H.

1-5/2019: Discussed proposals over the phone with Chuck Moran at EOG over several month period. EOG is wanting to trade out of the prospect.

7/15/2020: Email communication with Katie McBryde at EOG discussing the upcoming pooling.

## MEWBOURNE OIL COMPANY

500 West Texas, Suite 1020  
Midland, Texas 79701  
Phone (432) 682-3715  
Fax (432) 685-4170

August 24, 2018

Via: Certified Mail

EOG Resources, Inc.  
5509 Champions Drive  
Midland, Texas 79706  
Attn: Land Manager

Re: Proposed Horizontal Wolfcamp Wells  
Little Giants 20/19 W0PM Fed Com #1H  
Little Giants 20/19 W0PM Fed Com #2H  
Little Giants 20/19 W0IL Fed Com #3H  
All of Section 20, T22S-R28E  
All of Section 19, T22S-R28E  
Eddy County, New Mexico

Dear Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form a 1253.43 acre Working Interest Unit ("WIU") covering all of the above captioned section 20 and all of the above captioned section 19 for oil and gas production. The targeted interval for the proposed unit is the Wolfcamp formation. Mewbourne hereby proposes to drill and operate the following horizontal Wolfcamp wells:

1. Little Giants 20/19 W0PM Fed Com #1H located at a surface location 1280' FSL & 205' FEL of Section 20, with a bottom hole location 440' FSL & 330' FWL of Section 19, of the above captioned lands. We anticipate drilling to an approximate total vertical depth of 9,475' and plan to continue drilling horizontally to the west to the proposed bottom hole location at an approximate total measured depth of 19,495.
2. Little Giants 20/19 W0PM Fed Com #2H located at a surface location 1310' FSL & 205' FEL of Section 20, with a bottom hole location 1310' FSL & 330' FWL of Section 19, of the above captioned lands. We anticipate drilling to an approximate total vertical depth of 9,470' and plan to continue drilling horizontally to the west to the proposed bottom hole location at an approximate total measured depth of 19,495.
3. Little Giants 20/19 W0IL Fed Com #3H located at a surface location 1340' FSL & 205' FEL of Section 20, with a bottom hole location 2200' FSL & 330' FWL of Section 19, of the above captioned lands. We anticipate drilling to an approximate total vertical depth of 9,465' and plan to continue drilling horizontally to the west to the proposed bottom hole location at an approximate total measured depth of 19,485.

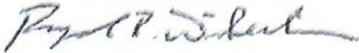
Regarding the above, enclosed for your further handling and information are copies of our Authorization For Expenditure ("AFE") for the Little Giants 20/19 W0PM Fed Com #1H, Little Giants 20/19 W0PM Fed Com #2H and Little Giants 20/19 W0IL Fed Com #3H wells.

Please indicate your participation election by having each AFE executed and returned to my attention at the above address within thirty (30) days of receipt hereof. Our proposed Operating Agreement will have COPAS rates of \$8,000/month while drilling, \$800/month for a producing well, and will follow the well proposal shortly.

Feel free to contact me at (432) 682-3715 or via email at [rwinkeljohn@mewbourne.com](mailto:rwinkeljohn@mewbourne.com) if you have any questions or concerns. I look forward to hearing from you.

Sincerely,

**MEWBOURNE OIL COMPANY**



Ray Winkeljohn  
Landman

**From:** Tyler Jolly <tjolly@mewbourne.com>  
**Sent:** Wednesday, July 15, 2020 4:10 PM  
**To:** Katie McBryde <Katie\_McBryde@eogresources.com>  
**Subject:** RE: [EXT] Little Giants/Little Rascals

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Katie,

Cy is out of town, but he forwarded this email to me. We have been asked by the commission to move forward with these next week since we have been on the docket for a while now and finally have things worked out with Marathon.

We are open to working with EOG to come to a solution since I am sure you guys are not wanting to participate. Did you have any ideas on a trade or some other type of deal that may work for both companies?

**Tyler Jolly**  
**Mewbourne Oil Company**  
500 West Texas, Suite 1020,  
Midland, TX 79701  
Ph: 432-682-3715

**From:** Katie McBryde <Katie\_McBryde@eogresources.com>  
**Date:** July 14, 2020 at 2:56:13 PM CDT  
**To:** Cy Shook <cshook@Mewbourne.com>  
**Subject:** [EXT] Little Giants/Little Rascals

Hey Cy,

The subject proposals are from 2018 and I know the hearing is scheduled for next Thursday. Any updates to the applications or proposals we should be aware of?

Also, do still intend to go to hearing next week?

Thanks,  
Katie

---

*Katie McBryde*  
Landman II – Midland Division  
EOG Resources, Inc.  
Office: 432.848.9022 | Mobile: 432.230.1836



## Tyler Jolly

---

**From:** Tyler Jolly  
**Sent:** Thursday, July 16, 2020 9:46 AM  
**To:** Katie McBryde  
**Subject:** RE: [EXT] Little Giants/Little Rascals  
**Attachments:** EOG Little Giants Wolfcamp Proposal; 8-24-2018.pdf; EOG Little Giants Wolfcamp Proposal; 9-19-2018.pdf; EOG Little Giants Bone Spring Proposal; 9-20-2018.pdf; 20200716090923651.pdf

Katie,

The first batch of the Wolfcamp wells is on the schedule to spud 2<sup>nd</sup> quarter 2021.

See attached proposal letters that Ray sent. I am showing EOG with 15% in Section 20 (96 net acres) in the Bone Spring and Wolfcamp formations.

Please let me know if you have any questions or need additional information.

**Tyler Jolly**  
**Mewbourne Oil Company**  
500 West Texas, Suite 1020,  
Midland, TX 79701  
Ph: 432-682-3715

**From:** Katie McBryde <Katie\_McBryde@eogresources.com>  
**Sent:** Thursday, July 16, 2020 8:44 AM  
**To:** Tyler Jolly <tjolly@mewbourne.com>  
**Subject:** RE: [EXT] Little Giants/Little Rascals

Hey Tyler,

Couple questions.

1. Pending you get an order in the next 1-3 months, what is the anticipated spud date? Will you develop this year, basically?
2. The only cases moving forward are Wolfcamp Little Giants right?
  - a. I can't even find the original proposal, and it was before my time at EOG, so I don't even know what our interest is here, can you confirm our interest in the Wolfcamp here?

Let me know those details – I have my team digging up the info too – and we can work towards a solution.

Thanks,  
Katie

---

**Katie McBryde**  
EOG Resources, Inc.  
Office: 432.848.9022 | Mobile: 432.230.1836

# MEWBOURNE OIL COMPANY

## AUTHORIZATION FOR EXPENDITURE

Well Name: Little Giants 20/19 WOPM Fed Com #1H Prospect: Wolfcamp Y Sand  
 Location: SHL: 1280' FSL & 205' FEL (20); BHL: 440' FSL & 330' FWL (19) County: Eddy ST: NM  
 Sec. 20/19 Blk:      Survey:      TWP: 22S RNG: 28E Prop. TVD: 9475 TMD: 19495

INTANGIBLE COSTS 0180	CODE	TCP	CODE	CC
Regulatory Permits & Surveys	0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation	0180-0105	\$50,000	0180-0205	\$25,000
Location / Restoration	0180-0106	\$200,000	0180-0206	\$30,000
Daywork / Turnkey / Footage Drilling 35 days drlg / 4 days comp @ \$22000/d	0180-0110	\$823,000	0180-0210	\$60,900
Fuel 1700 gal/day @ 2.70/gal	0180-0114	\$193,700	0180-0214	\$520,000
Mud, Chemical & Additives	0180-0120	\$240,000	0180-0220	
Horizontal Drillout Services Coil Tbg Drillout			0180-0222	\$200,000
Cementing	0180-0125	\$110,000	0180-0225	\$40,000
Logging & Wireline Services	0180-0130	\$2,000	0180-0230	\$480,000
Casing / Tubing / Snubbing Service	0180-0134	\$20,000	0180-0234	\$70,000
Mud Logging	0180-0137	\$30,000		
Stimulation 61 Stg 24.7 MM gal / 24.7 MM lb			0180-0241	\$3,660,000
Stimulation Rentals & Other			0180-0242	\$200,000
Water & Other	0180-0145	\$50,000	0180-0245	\$580,000
Bits	0180-0148	\$90,000	0180-0248	\$8,000
Inspection & Repair Services	0180-0150	\$40,000	0180-0250	\$5,000
Misc. Air & Pumping Services	0180-0154		0180-0254	\$10,000
Testing & Flowback Services	0180-0158	\$15,000	0180-0258	\$30,000
Completion / Workover Rig			0180-0260	\$10,500
Rig Mobilization	0180-0164	\$150,000		
Transportation	0180-0165	\$20,000	0180-0265	\$20,000
Welding Services	0180-0168	\$5,000	0180-0268	\$15,000
Contract Services & Supervision	0180-0170	\$57,000	0180-0270	\$42,000
Directional Services Includes Vertical Control	0180-0175	\$346,500		
Equipment Rental	0180-0180	\$291,600	0180-0280	\$30,000
Well / Lease Legal	0180-0184	\$5,000	0180-0284	
Well / Lease Insurance	0180-0185	\$5,500	0180-0285	
Intangible Supplies	0180-0188	\$8,000	0180-0288	\$10,000
Damages	0180-0190	\$25,000	0180-0290	
ROW & Easements	0180-0192		0180-0292	\$10,000
Pipeline Interconnect			0180-0293	
Company Supervision	0180-0195	\$182,400	0180-0295	\$134,400
Overhead Fixed Rate	0180-0196	\$10,000	0180-0296	\$20,000
Well Abandonment	0180-0198		0180-0298	
Contingencies 10% (TCP) 10% (CC)	0180-0199	\$299,000	0180-0299	\$621,100
<b>TOTAL</b>		<b>\$3,288,700</b>		<b>\$6,831,900</b>

TANGIBLE COSTS 0181	CODE	TCP	CODE	CC
Casing (19.1" - 30")	0181-0793			
Casing (10.1" - 19.0") 510' - 13 3/8" 54.5# J-55 ST&C @ \$35.90/ft	0181-0794	\$19,600		
Casing (8.1" - 10.0") 2650' - 9 5/8" 40# N-80 LT&C @ \$27.61/ft	0181-0795	\$78,200		
Casing (6.1" - 8.0") 9810' - 7" 29# P-110 LT&C @ \$27.76/ft	0181-0796	\$290,900		
Casing (4.1" - 6.0") 10620' - 4 1/2" 13.5# P-110 BPN @ \$13.66/ft			0181-0797	\$155,000
Tubing (2" - 4") 9010' - 2 7/8" 6.5# L-80 EUE 8rd @ \$5.62/ft			0181-0798	\$54,100
Drilling Head	0181-0860	\$40,000		
Tubing Head & Upper Section			0181-0870	\$50,000
Horizontal Completion Tools Completion Liner Hanger			0181-0871	\$70,000
Sucker Rods			0181-0875	
Subsurface Equipment			0181-0880	
Artificial Lift Systems Gas Lift Valves & Packer			0181-0884	\$25,000
Pumping Unit			0181-0885	
Surface Pumps & Prime Movers			0181-0886	\$40,000
Tanks - Oil 3 - 750 bbl			0181-0890	\$50,000
Tanks - Water 3 - 750 bbl steel coated			0181-0891	\$55,000
Separation / Treating Equipment 30"x10"x1k# 3 ph/36"x15"x1k# Hor 3ph/Gun bbl			0181-0895	\$40,000
Heater Treaters, Line Heaters 8'x20'x75# HT			0181-0897	\$25,000
Metering Equipment			0181-0898	\$14,000
Line Pipe & Valves - Gathering			0181-0900	\$150,000
Fittings / Valves & Accessories			0181-0906	\$120,000
Cathodic Protection			0181-0908	\$8,000
Electrical Installation			0181-0909	\$50,000
Equipment Installation			0181-0910	\$40,000
Pipeline Construction			0181-0920	\$100,000
<b>TOTAL</b>		<b>\$428,700</b>		<b>\$1,046,100</b>
<b>SUBTOTAL</b>		<b>\$3,717,400</b>		<b>\$7,878,000</b>
<b>TOTAL WELL COST</b>				<b>\$11,595,400</b>

**Extra Expense Insurance**

I elect to be covered by Operator's Extra Expense Insurance and pay my proportionate share of the premium. Operator has secured Extra Expense Insurance covering costs of well control, clean up and redrilling as estimated in Line Item 0180-0185.

I elect to purchase my own well control insurance policy.

If neither box is checked above, non-operating working interest owner elects to be covered by Operator's well control insurance.

Prepared by: T. Cude Date: 8/15/2018  
 Company Approval: \_\_\_\_\_ Date: \_\_\_\_\_  
 Joint Owner Interest: \_\_\_\_\_ Amount: \_\_\_\_\_  
 Joint Owner Name: \_\_\_\_\_ Signature: \_\_\_\_\_

  
 ATTACHMENT

# MEWBOURNE OIL COMPANY

## AUTHORIZATION FOR EXPENDITURE

Well Name: **Little Giants 20/19 W0PM Fed Com #2H** Prospect: **Wolfcamp Y Sand**  
 Location: **SHL: 1310' FSL & 205' FEL (20); BHL: 1310' FSL & 330' FWL (19)** County: **Eddy** ST: **NM**  
 Sec. **20/19** Blk:  Survey:  TWP: **22S** RNG: **28E** Prop. TVD: **9470** TMD: **19495**

INTANGIBLE COSTS 0180	CODE	TCP	CODE	CC
Regulatory Permits & Surveys	0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation	0180-0105	\$50,000	0180-0205	\$25,000
Location / Restoration	0180-0106	\$200,000	0180-0206	\$30,000
Daywork / Turnkey / Footage Drilling 34 days drlg / 4 days comp @ \$22000/d	0180-0110	\$799,000	0180-0210	\$60,900
Fuel 1700 gal/day @ 2.70/gal	0180-0114	\$188,800	0180-0214	\$520,000
Mud, Chemical & Additives	0180-0120	\$240,000	0180-0220	
Horizontal Drillout Services Coil Tbg Drillout			0180-0222	\$200,000
Cementing	0180-0125	\$110,000	0180-0225	\$40,000
Logging & Wireline Services	0180-0130	\$2,000	0180-0230	\$480,000
Casing / Tubing / Snubbing Service	0180-0134	\$20,000	0180-0234	\$70,000
Mud Logging	0180-0137	\$30,000		
Stimulation 61 Stg 24.7 MM gal / 24.7 MM lb			0180-0241	\$3,660,000
Stimulation Rentals & Other			0180-0242	\$200,000
Water & Other	0180-0145	\$50,000	0180-0245	\$580,000
Bits	0180-0148	\$90,000	0180-0248	\$8,000
Inspection & Repair Services	0180-0150	\$40,000	0180-0250	\$5,000
Misc. Air & Pumping Services	0180-0154		0180-0254	\$10,000
Testing & Flowback Services	0180-0158	\$15,000	0180-0258	\$30,000
Completion / Workover Rig			0180-0260	\$10,500
Rig Mobilization	0180-0164	\$150,000		
Transportation	0180-0165	\$20,000	0180-0265	\$20,000
Welding Services	0180-0168	\$5,000	0180-0268	\$15,000
Contract Services & Supervision	0180-0170	\$55,500	0180-0270	\$42,000
Directional Services Includes Vertical Control	0180-0175	\$336,000		
Equipment Rental	0180-0180	\$284,700	0180-0280	\$30,000
Well / Lease Legal	0180-0184	\$5,000	0180-0284	
Well / Lease Insurance	0180-0185	\$5,500	0180-0285	
Intangible Supplies	0180-0188	\$8,000	0180-0288	\$10,000
Damages	0180-0190	\$25,000	0180-0290	
ROW & Easements	0180-0192		0180-0292	\$10,000
Pipeline Interconnect			0180-0293	
Company Supervision	0180-0195	\$177,600	0180-0295	\$134,400
Overhead Fixed Rate	0180-0196	\$10,000	0180-0296	\$20,000
Well Abandonment	0180-0198		0180-0298	
Contingencies 10% (TCP) 10% (CC)	0180-0199	\$293,700	0180-0299	\$621,100
<b>TOTAL</b>		<b>\$3,230,800</b>		<b>\$6,831,900</b>

TANGIBLE COSTS 0181	CODE	TCP	CODE	CC
Casing (19.1" - 30")	0181-0793			
Casing (10.1" - 19.0") 510' - 13 3/8" 54.5# J-55 ST&C @ \$35.90/ft	0181-0794	\$19,600		
Casing (8.1" - 10.0") 2650' - 9 5/8" 40# N-80 LT&C @ \$27.61/ft	0181-0795	\$78,200		
Casing (6.1" - 8.0") 9810' - 7" 29# P-110 LT&C @ \$27.76/ft	0181-0796	\$290,900		
Casing (4.1" - 6.0") 10620' - 4 1/2" 13.5# P-110 BPN @ \$13.66/ft			0181-0797	\$155,000
Tubing (2" - 4") 9005' - 2 7/8" 6.5# L-80 EUE 8rd @ \$5.62/ft			0181-0798	\$54,100
Drilling Head	0181-0860	\$40,000		
Tubing Head & Upper Section			0181-0870	\$50,000
Horizontal Completion Tools Completion Liner Hanger			0181-0871	\$70,000
Sucker Rods			0181-0875	
Subsurface Equipment			0181-0880	
Artificial Lift Systems Gas Lift Valves & Packer			0181-0884	\$25,000
Pumping Unit			0181-0885	
Surface Pumps & Prime Movers			0181-0886	\$40,000
Tanks - Oil 3 - 750 bbl			0181-0890	\$50,000
Tanks - Water 3 - 750 bbl steel coated			0181-0891	\$55,000
Separation / Treating Equipment 30"x10"x1k# 3 ph/36"x15"x1k# Hor 3ph/Gun bbl			0181-0895	\$40,000
Heater Treaters, Line Heaters 8'x20'x75# HT			0181-0897	\$25,000
Metering Equipment			0181-0898	\$14,000
Line Pipe & Valves - Gathering			0181-0900	\$150,000
Fittings / Valves & Accessories			0181-0906	\$120,000
Cathodic Protection			0181-0908	\$8,000
Electrical Installation			0181-0909	\$50,000
Equipment Installation			0181-0910	\$40,000
Pipeline Construction			0181-0920	\$100,000
<b>TOTAL</b>		<b>\$428,700</b>		<b>\$1,048,100</b>
<b>SUBTOTAL</b>		<b>\$3,659,500</b>		<b>\$7,878,000</b>

**TOTAL WELL COST \$11,537,500**

Extra Expense Insurance

I elect to be covered by Operator's Extra Expense Insurance and pay my proportionate share of the premium.  
Operator has secured Extra Expense Insurance covering costs of well control, clean up and redrilling as estimated in Line Item 0180-0185.

I elect to purchase my own well control insurance policy.

If neither box is checked above, non-operating working interest owner elects to be covered by Operator's well control insurance.

Prepared by: T. Cude Date: 8/15/2018  
 Company Approval: \_\_\_\_\_ Date: \_\_\_\_\_  
 Joint Owner Interest: \_\_\_\_\_ Amount: \_\_\_\_\_  
 Joint Owner Name: \_\_\_\_\_ Signature: \_\_\_\_\_



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

APPLICATION OF MEWBOURNE OIL COMPANY  
FOR A COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO.

Case No. 16494

VERIFIED STATEMENT OF TYLER HILL

COUNTY OF MIDLAND            )  
  ) ss.  
STATE OF TEXAS                )

Tyler Hill, being duly sworn upon his oath, deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am a geologist for Mewbourne Oil Company ("Mewbourne"), and I am familiar with the geological matters involved in this case. I have been qualified by the Division as an expert petroleum geologist.
3. The following geological plats are attached hereto:
  - (a) Attachment A is a structure map of the Wolfcamp formation, mapped on the top of the correlative Wolfcamp marker. It shows that structure dips to the east, and that the planned wellbores would drill perpendicular to strike. It also shows a line of cross-section, A-A'.
  - (b) Attachment B is a west-east cross section. The well logs on the cross-section give a representative sample of the Wolfcamp formation in this area. The target zone for the wells is the Upper Wolfcamp Sand, and that zone is continuous across the well unit.
4. I conclude from the maps that:
  - (a) The horizontal spacing unit is justified from a geologic standpoint.
  - (b) Each quarter section in the unit will contribute more or less equally to production.
  - (c) There is no faulting or other geologic impediment in the area which will affect the drilling of the subject wells.

EXHIBIT

5

5. Attachment C contains information from other wells drilled in the immediate area. There are numerous upper Wolfcamp sand wells, and the preferred orientation is for laydown units. The completed wells in the area are commercial.

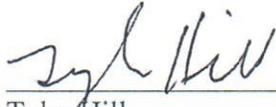
6. Attachment D is the Survey Calculation Report for wells: Little Giants 20/19 W0AD Fed Com #1H, Little Giants 20/19 W0HE Fed Com #2H, and Little Giants 20/19 W0HE Fed Com #3H. The producing interval of the proposed well will be orthodox. The Pool code is Purple Sage Wolfcamp (98220).

  
Tyler Hill

VERIFICATION

STATE OF TEXAS                    )  
  ) ss.  
COUNTY OF MIDLAND            )

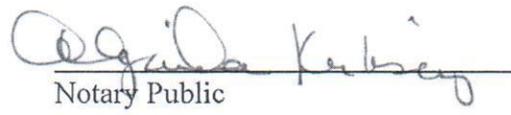
Tyler Hill, being duly sworn upon his oath, deposes and states that: He is a geologist for Mewbourne Oil Company; he is authorized to make this verification on its behalf; he has read the foregoing statement, and knows the contents thereof; and the same is true and correct to the best of his knowledge, information, and belief.

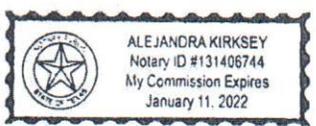


\_\_\_\_\_  
Tyler Hill

SUBSCRIBED AND SWORN TO before me this 14<sup>th</sup> day of October, 2019 by Tyler Hill.

My Commission Expires: January 11, 2022

  
\_\_\_\_\_  
Notary Public







Little Giants Area Wolfcamp Production Table

API	Well Name	Well Number	Operator	Location	Field	Cum Oil (Mbo)	Cum Gas (Bcf)	Cum Water (Mbw)	First Prod Date	WFMP Zone
300154437400	CYPRESS FEE 23 27 9	2H	MARATHON	9L-9P/23S/27E	PURPLE SAGE	56	0.61	323	5/1/2018	WFMP C Shale
300154404600	CYPRESS	1H	MARATHON	9M-9P/23S/27E	PURPLE SAGE	203	0.48	800	5/1/2017	WFMP Y Sand
300154408200	MICHAEL COLLINS 11 23S 27E RB	208H	MATADOR	11P-11M/23S/27E	PURPLE SAGE	182	0.53	683	9/1/2017	WFMP Y Sand
300154437600	CYPRESS FEE 23 27 9	4H	MARATHON	9L-9P/23S/27E	PURPLE SAGE	68	0.20	347	5/1/2018	WFMP Y Sand
300154437700	CYPRESS FEE 23 27 9	5H	MARATHON	9L-9I/23S/27E	PURPLE SAGE	105	0.46	498	3/1/2018	WFMP Y Sand
300154437800	CYPRESS FEE 23 27 9	6H	MARATHON	9L-9I/23S/27E	PURPLE SAGE	30	1.17	984	6/1/2018	WFMP Y Sand
300154438000	CYPRESS FEE 23 27 9	8H	MARATHON	9L-9I/23S/27E	PURPLE SAGE	64	0.32	366	3/1/2018	WFMP Y Sand
300154444300	MICHAEL COLLINS 11 23S 27E RB	203H	MATADOR	11I-11I/23S/27E	PURPLE SAGE	150	0.05	592	2/1/2018	WFMP Y Sand
300154447200	MICHAEL COLLINS 11 23S 27E RB	206H	MATADOR	11I-11E/23S/27E	PURPLE SAGE	144	0.36	563	2/1/2018	WFMP Y Sand
300154454400	WOLFMAN 5 4 WOLI FEDERAL COM	1H	MEWBOURNE	5L-4I/23S/27E	PURPLE SAGE	364	0.70	663	4/1/2018	WFMP Y Sand
300154316201	SCOTT WALKER STATE 36 22S 27E	204H	MATADOR	36M-36P/22S/27E	PURPLE SAGE	90	0.03	759	9/1/2015	WFMP Y Sand
300154527000	LARRY WOLFISH 01-23	206H	MATADOR	36N-1N/23S/27E	PURPLE SAGE	27	0.08	132	3/1/2019	WFMP Y Sand
300154526900	LARRY WOLFISH 01-23	204H	MATADOR	36P-1P/23S/27E	PURPLE SAGE	13	0.03	67	6/1/2019	WFMP Y Sand

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# Mewbourne Oil Company

Eddy County, New Mexico NAD 83

Little Giants 20/19 W0AD Fed Com #1H

Sec 20, T22S, R28E

SL: 1310' FNL & 205' FEL, Sec 20

BHL: 440' FNL & 330' FWL, Sec 19

Plan: Design #1

## Standard Planning Report

31 October, 2018

ATTACHMENT

D-1

Planning Report

<b>Database:</b>	Hobbs	<b>Local Co-ordinate Reference:</b>	Site Little Giants 20/19 W0AD Fed Com #1H
<b>Company:</b>	Mewbourne Oil Company	<b>TVD Reference:</b>	WELL @ 3098.0usft (Original Well Elev)
<b>Project:</b>	Eddy County, New Mexico NAD 83	<b>MD Reference:</b>	WELL @ 3098.0usft (Original Well Elev)
<b>Site:</b>	Little Giants 20/19 W0AD Fed Com #1H	<b>North Reference:</b>	Grid
<b>Well:</b>	Sec 20, T22S, R28E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	BHL: 440' FNL & 330' FWL, Sec 19		
<b>Design:</b>	Design #1		

<b>Project</b>	Eddy County, New Mexico NAD 83		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	New Mexico Eastern Zone		

<b>Site</b>	Little Giants 20/19 W0AD Fed Com #1H				
<b>Site Position:</b>		<b>Northing:</b>	502,696.00 usft	<b>Latitude:</b>	32.3817681
<b>From:</b>	Map	<b>Easting:</b>	612,772.00 usft	<b>Longitude:</b>	-104.1019269
<b>Position Uncertainty:</b>	0.0 usft	<b>Slot Radius:</b>	13-3/16 "	<b>Grid Convergence:</b>	0.12 °

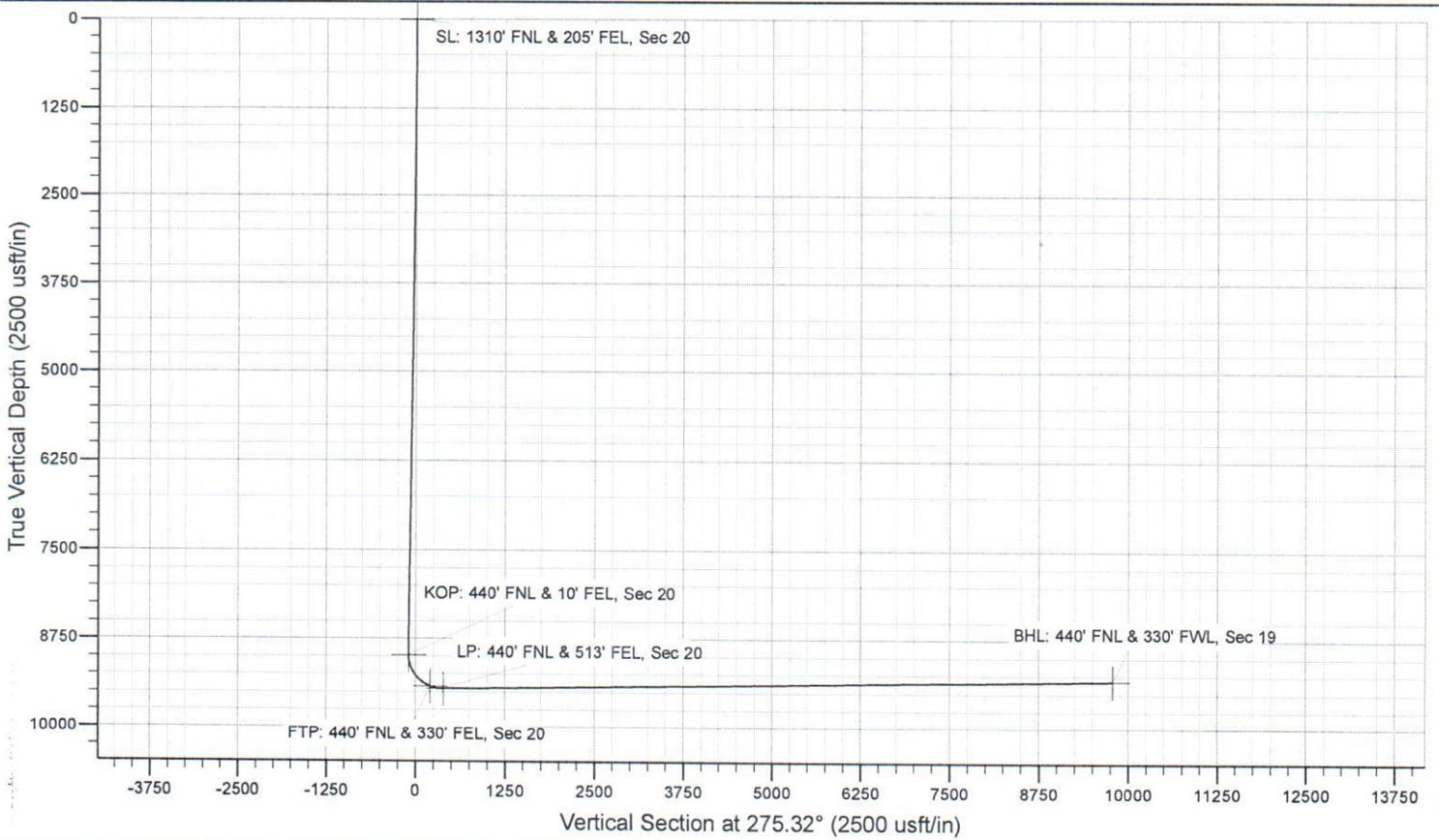
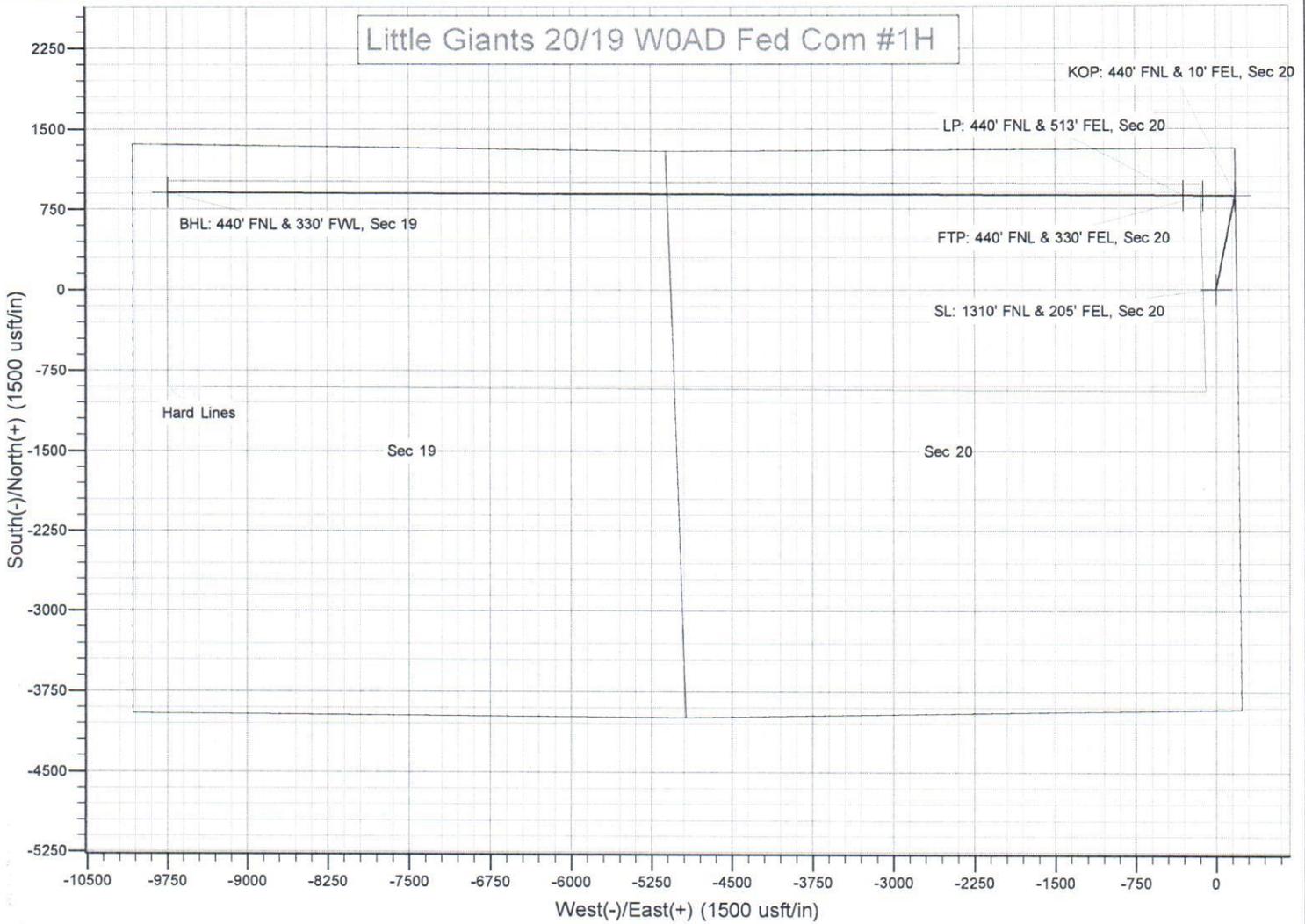
<b>Well</b>	Sec 20, T22S, R28E					
<b>Well Position</b>	<b>+N/-S</b>	0.0 usft	<b>Northing:</b>	502,696.00 usft	<b>Latitude:</b>	32.3817681
	<b>+E/-W</b>	0.0 usft	<b>Easting:</b>	612,772.00 usft	<b>Longitude:</b>	-104.1019269
<b>Position Uncertainty</b>		0.0 usft	<b>Wellhead Elevation:</b>	3,098.0 usft	<b>Ground Level:</b>	3,071.0 usft

<b>Wellbore</b>	BHL: 440' FNL & 330' FWL, Sec 19				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	10/31/2018	6.93	60.06	47,921

<b>Design</b>	Design #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	275.32

<b>Plan Sections</b>										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
550.0	0.00	0.00	550.0	0.0	0.0	0.00	0.00	0.00	0.00	
971.7	6.33	11.50	970.9	22.8	4.6	1.50	1.50	0.00	11.50	
8,607.0	6.33	11.50	8,559.7	847.2	172.4	0.00	0.00	0.00	0.00	
9,028.7	0.00	0.00	8,980.5	870.0	177.0	1.50	-1.50	0.00	180.00	KOP: 440' FNL & 10' I
9,786.0	90.86	270.22	9,458.0	871.9	-307.7	12.00	12.00	0.00	-89.78	
19,221.4	90.86	270.22	9,316.0	908.0	-9,742.0	0.00	0.00	0.00	0.00	BHL: 440' FNL & 330'

# Little Giants 20/19 W0AD Fed Com #1H



# Mewbourne Oil Company

## Little Giants 20/19 WOHE Fed Com #2H

### SURVEY CALCULATION REPORT

#### Minimum Curvature Calculations

Operator: Mewbourne Oil Company  
 Lease Name: Giants 20/19 WOHE Fed Co  
 KOP 8997.54

SL: 150 FNL & 1400 FWL Sec 6-20S-29E  
 BHL: 330 FSL & 1400 FWL Sec 6-20S-29E

Target KBTVD: 9,475 Feet 9475.00  
 Target Angle: 90.90 Degrees 90.90  
 Section Plane: 270.61 Degrees  
 Declination Corrected to True North: 6.63 Degrees  
 Bit to Survey Offset: 44 Feet

Survey No.	Measured Depth-ft	Drift (Deg.)	Azimuth (Deg.)	Course Length	TVD (Feet)	Vertical Section	+N/-S (Feet)	+E/-W (Feet)	Closure Distance	Closure Direction	BUR	DLS	KBTVD	+Above		DRIFT RADIANS	AZIMUTH (RADIANS)
														-Below Target	Target		
T/I	8997.54	0.00	270.61	N/A	8997.5	0.0	0.0	0.0	0.0	0.0	N/A	N/A	8997.5	477.5	1E-12	4.72	#VALUE!
1	9073.28	9.09	270.61	75.746	9073.0	6.0	0.1	-6.0	6.0	270.6	12.0	12.0	9073.1	401.9	0.15864	4.72	0.158642
2	9149.03	18.18	270.61	75.746	9146.5	23.8	0.3	-23.8	23.8	270.6	12.0	12.0	9146.9	328.1	0.31728	4.72	0.158642
3	9224.77	27.27	270.61	75.746	9216.3	53.1	0.6	-53.1	53.1	270.6	12.0	12.0	9217.1	257.9	0.47593	4.72	0.158642
4	9300.52	36.36	270.61	75.746	9280.6	92.9	1.0	-92.9	92.9	270.6	12.0	12.0	9282.0	193.0	0.63457	4.72	0.158642
5	9376.27	45.45	270.61	75.746	9337.8	142.5	1.5	-142.5	142.5	270.6	12.0	12.0	9340.0	135.0	0.79321	4.72	0.158642
6	9452.01	54.54	270.61	75.746	9386.4	200.5	2.1	-200.4	200.5	270.6	12.0	12.0	9389.6	85.4	0.95185	4.72	0.158642
7	9527.76	63.63	270.61	75.746	9425.3	265.4	2.8	-265.4	265.4	270.6	12.0	12.0	9429.5	45.5	1.11049	4.72	0.158642
8	9603.50	72.72	270.61	75.746	9453.4	335.6	3.6	-335.6	335.6	270.6	12.0	12.0	9458.7	16.3	1.26914	4.72	0.158642
9	9679.25	81.81	270.61	75.746	9470.1	409.4	4.4	-409.4	409.4	270.6	12.0	12.0	9476.5	-1.5	1.42778	4.72	0.158642
10	9755.00	90.90	270.61	75.746	9474.9	484.9	5.2	-484.9	484.9	270.6	12.0	12.0	9482.5	-7.5	1.58642	4.72	0.158642
11	9800.00	90.90	270.61	45.005	9474.2	529.9	5.6	-529.9	529.9	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
12	9900.00	90.90	270.61	100	9472.7	629.9	6.7	-629.9	629.9	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
13	10000.00	90.90	270.61	100	9471.1	729.9	7.8	-729.9	729.9	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
14	10100.00	90.90	270.61	100	9469.6	829.9	8.8	-829.8	829.9	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
15	10200.00	90.90	270.61	100	9468.0	929.9	9.9	-929.8	929.9	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
16	10300.00	90.90	270.61	100	9466.4	1029.9	11.0	-1029.8	1029.9	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
17	10400.00	90.90	270.61	100	9464.9	1129.9	12.0	-1129.8	1129.9	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
18	10500.00	90.90	270.61	100	9463.3	1229.8	13.1	-1229.8	1229.8	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
19	10600.00	90.90	270.61	100	9461.7	1329.8	14.2	-1329.8	1329.8	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
20	10700.00	90.90	270.61	100	9460.2	1429.8	15.2	-1429.7	1429.8	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
21	10800.00	90.90	270.61	100	9458.6	1529.8	16.3	-1529.7	1529.8	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
22	10900.00	90.90	270.61	100	9457.1	1629.8	17.4	-1629.7	1629.8	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
23	11000.00	90.90	270.61	100	9455.5	1729.8	18.4	-1729.7	1729.8	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
24	11100.00	90.90	270.61	100	9453.9	1829.8	19.5	-1829.7	1829.8	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
25	11200.00	90.90	270.61	100	9452.4	1929.8	20.6	-1929.6	1929.8	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
26	11300.00	90.90	270.61	100	9450.8	2029.7	21.6	-2029.6	2029.7	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
27	11400.00	90.90	270.61	100	9449.2	2129.7	22.7	-2129.6	2129.7	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
28	11500.00	90.90	270.61	100	9447.7	2229.7	23.8	-2229.6	2229.7	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
29	11600.00	90.90	270.61	100	9446.1	2329.7	24.8	-2329.6	2329.7	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
30	11700.00	90.90	270.61	100	9444.6	2429.7	25.9	-2429.6	2429.7	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
31	11800.00	90.90	270.61	100	9443.0	2529.7	27.0	-2529.5	2529.7	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
32	11900.00	90.90	270.61	100	9441.4	2629.7	28.0	-2629.5	2629.7	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
33	12000.00	90.90	270.61	100	9439.9	2729.7	29.1	-2729.5	2729.7	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
34	12100.00	90.90	270.61	100	9438.3	2829.6	30.2	-2829.5	2829.6	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
35	12200.00	90.90	270.61	100	9436.7	2929.6	31.2	-2929.5	2929.6	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
36	12300.00	90.90	270.61	100	9435.2	3029.6	32.3	-3029.4	3029.6	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
37	12400.00	90.90	270.61	100	9433.6	3129.6	33.4	-3129.4	3129.6	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
38	12500.00	90.90	270.61	100	9432.1	3229.6	34.4	-3229.4	3229.6	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
39	12600.00	90.90	270.61	100	9430.5	3329.6	35.5	-3329.4	3329.6	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
40	12700.00	90.90	270.61	100	9428.9	3429.6	36.6	-3429.4	3429.6	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
41	12800.00	90.90	270.61	100	9427.4	3529.6	37.6	-3529.4	3529.6	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
42	12900.00	90.90	270.61	100	9425.8	3629.5	38.7	-3629.3	3629.5	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
43	13000.00	90.90	270.61	100	9424.2	3729.5	39.8	-3729.3	3729.5	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
44	13100.00	90.90	270.61	100	9422.7	3829.5	40.8	-3829.3	3829.5	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
45	13200.00	90.90	270.61	100	9421.1	3929.5	41.9	-3929.3	3929.5	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
46	13300.00	90.90	270.61	100	9419.6	4029.5	43.0	-4029.3	4029.5	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
47	13400.00	90.90	270.61	100	9418.0	4129.5	44.0	-4129.2	4129.5	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
48	13500.00	90.90	270.61	100	9416.4	4229.5	45.1	-4229.2	4229.5	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
49	13600.00	90.90	270.61	100	9414.9	4329.5	46.1	-4329.2	4329.5	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
50	13700.00	90.90	270.61	100	9413.3	4429.4	47.2	-4429.2	4429.4	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
51	13800.00	90.90	270.61	100	9411.7	4529.4	48.3	-4529.2	4529.4	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
52	13900.00	90.90	270.61	100	9410.2	4629.4	49.3	-4629.2	4629.4	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
53	14000.00	90.90	270.61	100	9408.6	4729.4	50.4	-4729.1	4729.4	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
54	14100.00	90.90	270.61	100	9407.1	4829.4	51.5	-4829.1	4829.4	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
55	14200.00	90.90	270.61	100	9405.5	4929.4	52.5	-4929.1	4929.4	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
56	14300.00	90.90	270.61	100	9403.9	5029.4	53.6	-5029.1	5029.4	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10

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57	14400.00	90.90	270.61	100	9402.4	5129.4	54.7	-5129.1	5129.4	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
58	14500.00	90.90	270.61	100	9400.8	5229.4	55.7	-5229.1	5229.4	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
59	14600.00	90.90	270.61	100	9399.2	5329.3	56.8	-5329.0	5329.3	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
60	14700.00	90.90	270.61	100	9397.7	5429.3	57.9	-5429.0	5429.3	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
61	14800.00	90.90	270.61	100	9396.1	5529.3	58.9	-5529.0	5529.3	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
62	14900.00	90.90	270.61	100	9394.6	5629.3	60.0	-5629.0	5629.3	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
63	15000.00	90.90	270.61	100	9393.0	5729.3	61.1	-5729.0	5729.3	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
64	15100.00	90.90	270.61	100	9391.4	5829.3	62.1	-5828.9	5829.3	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
65	15200.00	90.90	270.61	100	9389.9	5929.3	63.2	-5928.9	5929.3	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
66	15300.00	90.90	270.61	100	9388.3	6029.3	64.3	-6028.9	6029.3	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
67	15400.00	90.90	270.61	100	9386.7	6129.2	65.3	-6128.9	6129.2	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
68	15500.00	90.90	270.61	100	9385.2	6229.2	66.4	-6228.9	6229.2	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
69	15600.00	90.90	270.61	100	9383.6	6329.2	67.5	-6328.9	6329.2	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
70	15700.00	90.90	270.61	100	9382.1	6429.2	68.5	-6428.8	6429.2	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
71	15800.00	90.90	270.61	100	9380.5	6529.2	69.6	-6528.8	6529.2	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
72	15900.00	90.90	270.61	100	9378.9	6629.2	70.7	-6628.8	6629.2	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
73	16000.00	90.90	270.61	100	9377.4	6729.2	71.7	-6728.8	6729.2	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
74	16100.00	90.90	270.61	100	9375.8	6829.2	72.8	-6828.8	6829.2	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
75	16200.00	90.90	270.61	100	9374.2	6929.1	73.9	-6928.7	6929.1	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
76	16300.00	90.90	270.61	100	9372.7	7029.1	74.9	-7028.7	7029.1	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
77	16400.00	90.90	270.61	100	9371.1	7129.1	76.0	-7128.7	7129.1	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
78	16500.00	90.90	270.61	100	9369.6	7229.1	77.1	-7228.7	7229.1	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
79	16600.00	90.90	270.61	100	9368.0	7329.1	78.1	-7328.7	7329.1	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
80	16700.00	90.90	270.61	100	9366.4	7429.1	79.2	-7428.7	7429.1	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
81	16800.00	90.90	270.61	100	9364.9	7529.1	80.3	-7528.6	7529.1	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
82	16900.00	90.90	270.61	100	9363.3	7629.1	81.3	-7628.6	7629.1	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
83	17000.00	90.90	270.61	100	9361.7	7729.0	82.4	-7728.6	7729.0	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
84	17100.00	90.90	270.61	100	9360.2	7829.0	83.4	-7828.6	7829.0	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
85	17200.00	90.90	270.61	100	9358.6	7929.0	84.5	-7928.6	7929.0	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
86	17300.00	90.90	270.61	100	9357.1	8029.0	85.6	-8028.6	8029.0	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
87	17400.00	90.90	270.61	100	9355.5	8129.0	86.6	-8128.5	8129.0	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
88	17500.00	90.90	270.61	100	9353.9	8229.0	87.7	-8228.5	8229.0	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
89	17600.00	90.90	270.61	100	9352.4	8329.0	88.8	-8328.5	8329.0	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
90	17700.00	90.90	270.61	100	9350.8	8429.0	89.8	-8428.5	8429.0	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
91	17800.00	90.90	270.61	100	9349.2	8528.9	90.9	-8528.5	8528.9	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
92	17900.00	90.90	270.61	100	9347.7	8628.9	92.0	-8628.4	8628.9	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
93	18000.00	90.90	270.61	100	9346.1	8728.9	93.0	-8728.4	8728.9	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
94	18100.00	90.90	270.61	100	9344.6	8828.9	94.1	-8828.4	8828.9	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
95	18200.00	90.90	270.61	100	9343.0	8928.9	95.2	-8928.4	8928.9	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
96	18300.00	90.90	270.61	100	9341.4	9028.9	96.2	-9028.4	9028.9	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
97	18400.00	90.90	270.61	100	9339.9	9128.9	97.3	-9128.4	9128.9	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
98	18500.00	90.90	270.61	100	9338.3	9228.9	98.4	-9228.3	9228.9	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
99	18600.00	90.90	270.61	100	9336.8	9328.8	99.4	-9328.3	9328.8	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
100	18700.00	90.90	270.61	100	9335.2	9428.8	100.5	-9428.3	9428.8	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
101	18800.00	90.90	270.61	100	9333.6	9528.8	101.6	-9528.3	9528.8	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
102	18900.00	90.90	270.61	100	9332.1	9628.8	102.6	-9628.3	9628.8	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10
103	18963.25	90.90	270.61	63.251	9331.1	9692.1	103.3	-9691.5	9692.1	270.6	0.0	0.0	9482.5	-7.5	1.58642	4.72	1E-10

# Mewbourne Oil Company

## Little Giants 20/19 WOHE Fed Com 3H

### SURVEY CALCULATION REPORT

#### Minimum Curvature Calculations

Operator: Mewbourne Oil Company  
 Lease Name:: Giants 20/19 WOHE Fed Co  
 KOP 9002.54

SL: 150 FNL & 1400 FWL Sec 6-20S-29E  
 BHL: 330 FSL & 1400 FWL Sec 6-20S-29E

Target KBTVD: 9,480 Feet 9480.00  
 Target Angle: 90.93 Degrees 90.93  
 Section Plane: 265.70 Degrees  
 Declination Corrected to True North: 6.63 Degrees  
 Bit to Survey Offset: 44 Feet

Survey No.	Measured Depth-ft	Drift (Deg.)	Azimuth (Deg.)	Course Length	TVD (Feet)	Vertical Section	+N/-S (Feet)	+E/-W (Feet)	Closure Distance	Closure Direction	BUR	DLS	KBTVD	+Above -Below	DRIFT RADIAN	AZIMUTH (RADIAN)	#VALUE!
														Target			
T/I	9002.54	0.00	265.70	N/A	9002.5	0.0	0.0	0.0	0.0	0.0	N/A	N/A	9002.5	477.5	1E-12	4.64	
1	9078.31	9.09	265.70	75.771	9078.0	6.0	-0.4	-6.0	6.0	265.7	12.0	12.0	9078.1	401.9	0.15869	4.64	0.158694
2	9154.08	18.19	265.70	75.771	9151.5	23.8	-1.8	-23.8	23.8	265.7	12.0	12.0	9151.9	328.1	0.31739	4.64	0.158694
3	9229.85	27.28	265.70	75.771	9221.4	53.1	-4.0	-52.9	53.1	265.7	12.0	12.0	9222.2	257.8	0.47608	4.64	0.158694
4	9305.62	36.37	265.70	75.771	9285.7	93.0	-7.0	-92.7	93.0	265.7	12.0	12.0	9287.2	192.8	0.63478	4.64	0.158694
5	9381.39	45.46	265.70	75.771	9342.9	142.6	-10.7	-142.2	142.6	265.7	12.0	12.0	9345.2	134.8	0.79347	4.64	0.158694
6	9457.16	54.56	265.70	75.771	9391.5	200.6	-15.0	-200.0	200.6	265.7	12.0	12.0	9394.8	85.2	0.95217	4.64	0.158694
7	9532.93	63.65	265.70	75.771	9430.4	265.5	-19.9	-264.8	265.5	265.7	12.0	12.0	9434.7	45.3	1.11086	4.64	0.158694
8	9608.70	72.74	265.70	75.771	9458.5	335.8	-25.2	-334.9	335.8	265.7	12.0	12.0	9463.9	16.1	1.26956	4.64	0.158694
9	9684.47	81.83	265.70	75.771	9475.2	409.6	-30.7	-408.5	409.6	265.7	12.0	12.0	9481.8	-1.8	1.42825	4.64	0.158694
10	9760.25	90.93	265.70	75.771	9479.9	485.2	-36.3	-483.8	485.2	265.7	12.0	12.0	9487.8	-7.8	1.58694	4.64	0.158694
11	9800.00	90.93	265.70	39.755	9479.3	524.9	-39.3	-523.4	524.9	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
12	9900.00	90.93	265.70	100	9477.7	624.9	-46.8	-623.2	624.9	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
13	10000.00	90.93	265.70	100	9476.1	724.9	-54.3	-722.9	724.9	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
14	10100.00	90.93	265.70	100	9474.5	824.9	-61.8	-822.6	824.9	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
15	10200.00	90.93	265.70	100	9472.8	924.9	-69.3	-922.3	924.9	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
16	10300.00	90.93	265.70	100	9471.2	1024.9	-76.8	-1022.0	1024.9	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
17	10400.00	90.93	265.70	100	9469.6	1124.8	-84.3	-1121.7	1124.8	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
18	10500.00	90.93	265.70	100	9468.0	1224.8	-91.7	-1221.4	1224.8	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
19	10600.00	90.93	265.70	100	9466.4	1324.8	-99.2	-1321.1	1324.8	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
20	10700.00	90.93	265.70	100	9464.8	1424.8	-106.7	-1420.8	1424.8	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
21	10800.00	90.93	265.70	100	9463.1	1524.8	-114.2	-1520.5	1524.8	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
22	10900.00	90.93	265.70	100	9461.5	1624.8	-121.7	-1620.2	1624.8	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
23	11000.00	90.93	265.70	100	9459.9	1724.8	-129.2	-1719.9	1724.8	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
24	11100.00	90.93	265.70	100	9458.3	1824.8	-136.7	-1819.6	1824.8	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
25	11200.00	90.93	265.70	100	9456.7	1924.7	-144.2	-1919.3	1924.7	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
26	11300.00	90.93	265.70	100	9455.1	2024.7	-151.7	-2019.0	2024.7	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
27	11400.00	90.93	265.70	100	9453.5	2124.7	-159.2	-2118.7	2124.7	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
28	11500.00	90.93	265.70	100	9451.8	2224.7	-166.6	-2218.5	2224.7	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
29	11600.00	90.93	265.70	100	9450.2	2324.7	-174.1	-2318.2	2324.7	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
30	11700.00	90.93	265.70	100	9448.6	2424.7	-181.6	-2417.9	2424.7	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
31	11800.00	90.93	265.70	100	9447.0	2524.7	-189.1	-2517.6	2524.7	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
32	11900.00	90.93	265.70	100	9445.4	2624.7	-196.6	-2617.3	2624.7	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
33	12000.00	90.93	265.70	100	9443.8	2724.6	-204.1	-2717.0	2724.6	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
34	12100.00	90.93	265.70	100	9442.2	2824.6	-211.6	-2816.7	2824.6	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
35	12200.00	90.93	265.70	100	9440.5	2924.6	-219.1	-2916.4	2924.6	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
36	12300.00	90.93	265.70	100	9438.9	3024.6	-226.6	-3016.1	3024.6	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
37	12400.00	90.93	265.70	100	9437.3	3124.6	-234.1	-3115.8	3124.6	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
38	12500.00	90.93	265.70	100	9435.7	3224.6	-241.5	-3215.5	3224.6	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
39	12600.00	90.93	265.70	100	9434.1	3324.6	-249.0	-3315.2	3324.6	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
40	12700.00	90.93	265.70	100	9432.5	3424.5	-256.5	-3414.9	3424.5	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
41	12800.00	90.93	265.70	100	9430.9	3524.5	-264.0	-3514.6	3524.5	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
42	12900.00	90.93	265.70	100	9429.2	3624.5	-271.5	-3614.3	3624.5	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
43	13000.00	90.93	265.70	100	9427.6	3724.5	-279.0	-3714.0	3724.5	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
44	13100.00	90.93	265.70	100	9426.0	3824.5	-286.5	-3813.7	3824.5	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
45	13200.00	90.93	265.70	100	9424.4	3924.5	-294.0	-3913.5	3924.5	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
46	13300.00	90.93	265.70	100	9422.8	4024.5	-301.5	-4013.2	4024.5	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
47	13400.00	90.93	265.70	100	9421.2	4124.5	-308.9	-4112.9	4124.5	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
48	13500.00	90.93	265.70	100	9419.6	4224.4	-316.4	-4212.6	4224.4	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
49	13600.00	90.93	265.70	100	9417.9	4324.4	-323.9	-4312.3	4324.4	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
50	13700.00	90.93	265.70	100	9416.3	4424.4	-331.4	-4412.0	4424.4	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
51	13800.00	90.93	265.70	100	9414.7	4524.4	-338.9	-4511.7	4524.4	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
52	13900.00	90.93	265.70	100	9413.1	4624.4	-346.4	-4611.4	4624.4	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
53	14000.00	90.93	265.70	100	9411.5	4724.4	-353.9	-4711.1	4724.4	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
54	14100.00	90.93	265.70	100	9409.9	4824.4	-361.4	-4810.8	4824.4	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
55	14200.00	90.93	265.70	100	9408.2	4924.4	-368.9	-4910.5	4924.4	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
56	14300.00	90.93	265.70	100	9406.6	5024.3	-376.4	-5010.2	5024.3	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10

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57	14400.00	90.93	265.70	100	9405.0	5124.3	-383.8	-5109.9	5124.3	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
58	14500.00	90.93	265.70	100	9403.4	5224.3	-391.3	-5209.6	5224.3	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
59	14600.00	90.93	265.70	100	9401.8	5324.3	-398.8	-5309.3	5324.3	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
60	14700.00	90.93	265.70	100	9400.2	5424.3	-406.3	-5409.0	5424.3	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
61	14800.00	90.93	265.70	100	9398.6	5524.3	-413.8	-5508.8	5524.3	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
62	14900.00	90.93	265.70	100	9396.9	5624.3	-421.3	-5608.5	5624.3	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
63	15000.00	90.93	265.70	100	9395.3	5724.2	-428.8	-5708.2	5724.2	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
64	15100.00	90.93	265.70	100	9393.7	5824.2	-436.3	-5807.9	5824.2	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
65	15200.00	90.93	265.70	100	9392.1	5924.2	-443.8	-5907.6	5924.2	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
66	15300.00	90.93	265.70	100	9390.5	6024.2	-451.3	-6007.3	6024.2	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
67	15400.00	90.93	265.70	100	9388.9	6124.2	-458.7	-6107.0	6124.2	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
68	15500.00	90.93	265.70	100	9387.3	6224.2	-466.2	-6206.7	6224.2	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
69	15600.00	90.93	265.70	100	9385.6	6324.2	-473.7	-6306.4	6324.2	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
70	15700.00	90.93	265.70	100	9384.0	6424.2	-481.2	-6406.1	6424.2	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
71	15800.00	90.93	265.70	100	9382.4	6524.1	-488.7	-6505.8	6524.1	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
72	15900.00	90.93	265.70	100	9380.8	6624.1	-496.2	-6605.5	6624.1	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
73	16000.00	90.93	265.70	100	9379.2	6724.1	-503.7	-6705.2	6724.1	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
74	16100.00	90.93	265.70	100	9377.6	6824.1	-511.2	-6804.9	6824.1	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
75	16200.00	90.93	265.70	100	9376.0	6924.1	-518.7	-6904.6	6924.1	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
76	16300.00	90.93	265.70	100	9374.3	7024.1	-526.1	-7004.3	7024.1	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
77	16400.00	90.93	265.70	100	9372.7	7124.1	-533.6	-7104.0	7124.1	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
78	16500.00	90.93	265.70	100	9371.1	7224.1	-541.1	-7203.8	7224.1	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
79	16600.00	90.93	265.70	100	9369.5	7324.0	-548.6	-7303.5	7324.0	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
80	16700.00	90.93	265.70	100	9367.9	7424.0	-556.1	-7403.2	7424.0	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
81	16800.00	90.93	265.70	100	9366.3	7524.0	-563.6	-7502.9	7524.0	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
82	16900.00	90.93	265.70	100	9364.7	7624.0	-571.1	-7602.6	7624.0	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
83	17000.00	90.93	265.70	100	9363.0	7724.0	-578.6	-7702.3	7724.0	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
84	17100.00	90.93	265.70	100	9361.4	7824.0	-586.1	-7802.0	7824.0	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
85	17200.00	90.93	265.70	100	9359.8	7924.0	-593.6	-7901.7	7924.0	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
86	17300.00	90.93	265.70	100	9358.2	8023.9	-601.0	-8001.4	8023.9	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
87	17400.00	90.93	265.70	100	9356.6	8123.9	-608.5	-8101.1	8123.9	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
88	17500.00	90.93	265.70	100	9355.0	8223.9	-616.0	-8200.8	8223.9	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
89	17600.00	90.93	265.70	100	9353.4	8323.9	-623.5	-8300.5	8323.9	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
90	17700.00	90.93	265.70	100	9351.7	8423.9	-631.0	-8400.2	8423.9	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
91	17800.00	90.93	265.70	100	9350.1	8523.9	-638.5	-8499.9	8523.9	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
92	17900.00	90.93	265.70	100	9348.5	8623.9	-646.0	-8599.6	8623.9	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
93	18000.00	90.93	265.70	100	9346.9	8723.9	-653.5	-8699.3	8723.9	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
94	18100.00	90.93	265.70	100	9345.3	8823.8	-661.0	-8799.1	8823.8	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
95	18200.00	90.93	265.70	100	9343.7	8923.8	-668.5	-8898.8	8923.8	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
96	18300.00	90.93	265.70	100	9342.0	9023.8	-675.9	-8998.5	9023.8	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
97	18400.00	90.93	265.70	100	9340.4	9123.8	-683.4	-9098.2	9123.8	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
98	18500.00	90.93	265.70	100	9338.8	9223.8	-690.9	-9197.9	9223.8	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
99	18600.00	90.93	265.70	100	9337.2	9323.8	-698.4	-9297.6	9323.8	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
100	18700.00	90.93	265.70	100	9335.6	9423.8	-705.9	-9397.3	9423.8	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
101	18800.00	90.93	265.70	100	9334.0	9523.8	-713.4	-9497.0	9523.8	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
102	18900.00	90.93	265.70	100	9332.4	9623.7	-720.9	-9596.7	9623.7	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10
103	18979.16	90.93	265.70	79.164	9331.1	9702.9	-726.8	-9675.6	9702.9	265.7	0.0	0.0	9487.8	-7.8	1.58694	4.64	1E-10

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

APPLICATION OF MEWBOURNE OIL COMPANY  
FOR A COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO.

Case No. 16495

VERIFIED STATEMENT OF TYLER HILL

COUNTY OF MIDLAND            )  
  ) ss.  
STATE OF TEXAS                )

Tyler Hill, being duly sworn upon his oath, deposes and states:

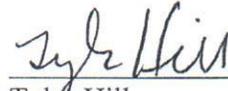
1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am a geologist for Mewbourne Oil Company ("Mewbourne"), and I am familiar with the geological matters involved in this case. I have been qualified by the Division as an expert petroleum geologist.
3. The following geological plats are attached hereto:
  - (a) Attachment A is a structure map of the Wolfcamp formation, mapped on the top of the correlative Wolfcamp marker. It shows that structure dips to the east, and that the planned wellbores would drill perpendicular to strike. It also shows a line of cross-section, A-A'.
  - (b) Attachment B is a west-east cross section. The well logs on the cross-section give a representative sample of the Wolfcamp formation in this area. The target zone for the wells is the Upper Wolfcamp Sand, and that zone is continuous across the well unit.
4. I conclude from the maps that:
  - (a) The horizontal spacing unit is justified from a geologic standpoint.
  - (b) Each quarter section in the unit will contribute more or less equally to production.
  - (c) There is no faulting or other geologic impediment in the area which will affect the drilling of the subject wells.

EXHIBIT

6

5. Attachment C contains information from other wells drilled in the immediate area. There are numerous upper Wolfcamp sand wells, and the preferred orientation is for laydown units. The completed wells in the area are commercial.

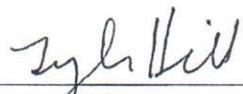
6. Attachment D is the Survey Calculation Report for wells: Little Giants 20/19 W0PM Fed Com #1H, Little Giants 20/19 W0PM Fed Com #2H, and Little Giants 20/19 W0IL Fed Com #3H. The producing interval of the proposed well will be orthodox. The Pool code is Purple Sage Wolfcamp (98220).

  
\_\_\_\_\_  
Tyler Hill

VERIFICATION

STATE OF TEXAS                    )  
  ) ss.  
COUNTY OF MIDLAND            )

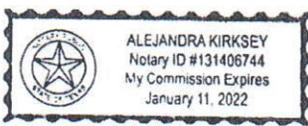
Tyler Hill, being duly sworn upon his oath, deposes and states that: He is a geologist for Mewbourne Oil Company; he is authorized to make this verification on its behalf; he has read the foregoing statement, and knows the contents thereof; and the same is true and correct to the best of his knowledge, information, and belief.

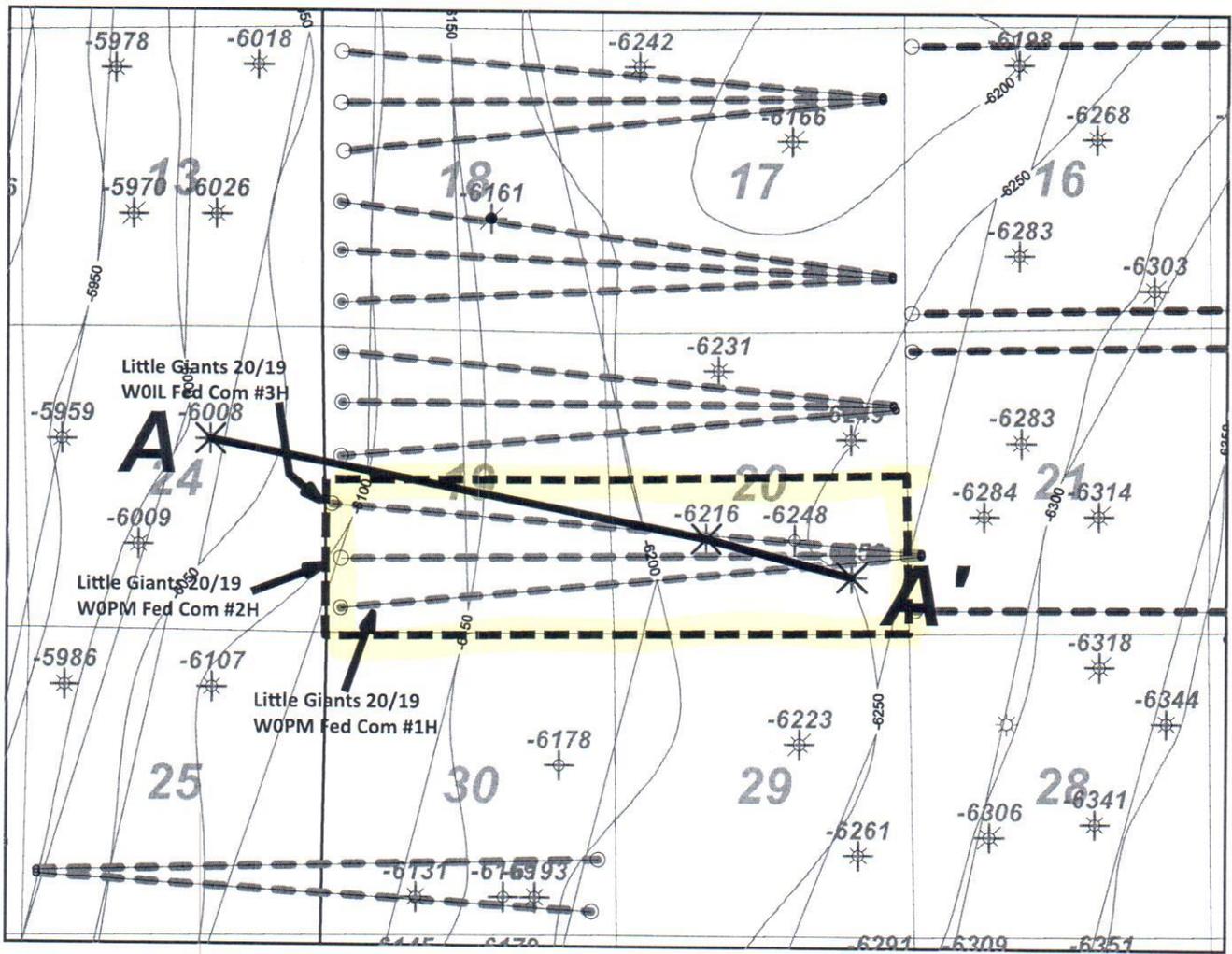
  
\_\_\_\_\_  
Tyler Hill

SUBSCRIBED AND SWORN TO before me this 14<sup>th</sup> day of October, 2019 by Tyler Hill.

My Commission Expires: January 11, 2022

  
\_\_\_\_\_  
Notary Public





**Activity Color Code (Permitted Horizons)**

-  Wolfcamp Sand
-  Wolfcamp D Sh



<b>MOC Mewbourne Oil Company</b>		
<i>Little Giants 20/19 WOPM Fed Com #1H</i>		
<i>Little Giants 20/19 WOPM Fed Com #2H</i>		
<i>Little Giants 20/19 WOPM Fed Com #3H</i>		
<i>Structure top WFMP (C.I. 50')</i>		
Author: T. Hill	County:	Date: 14 October, 2019
Scale: 1.0"=3000'		

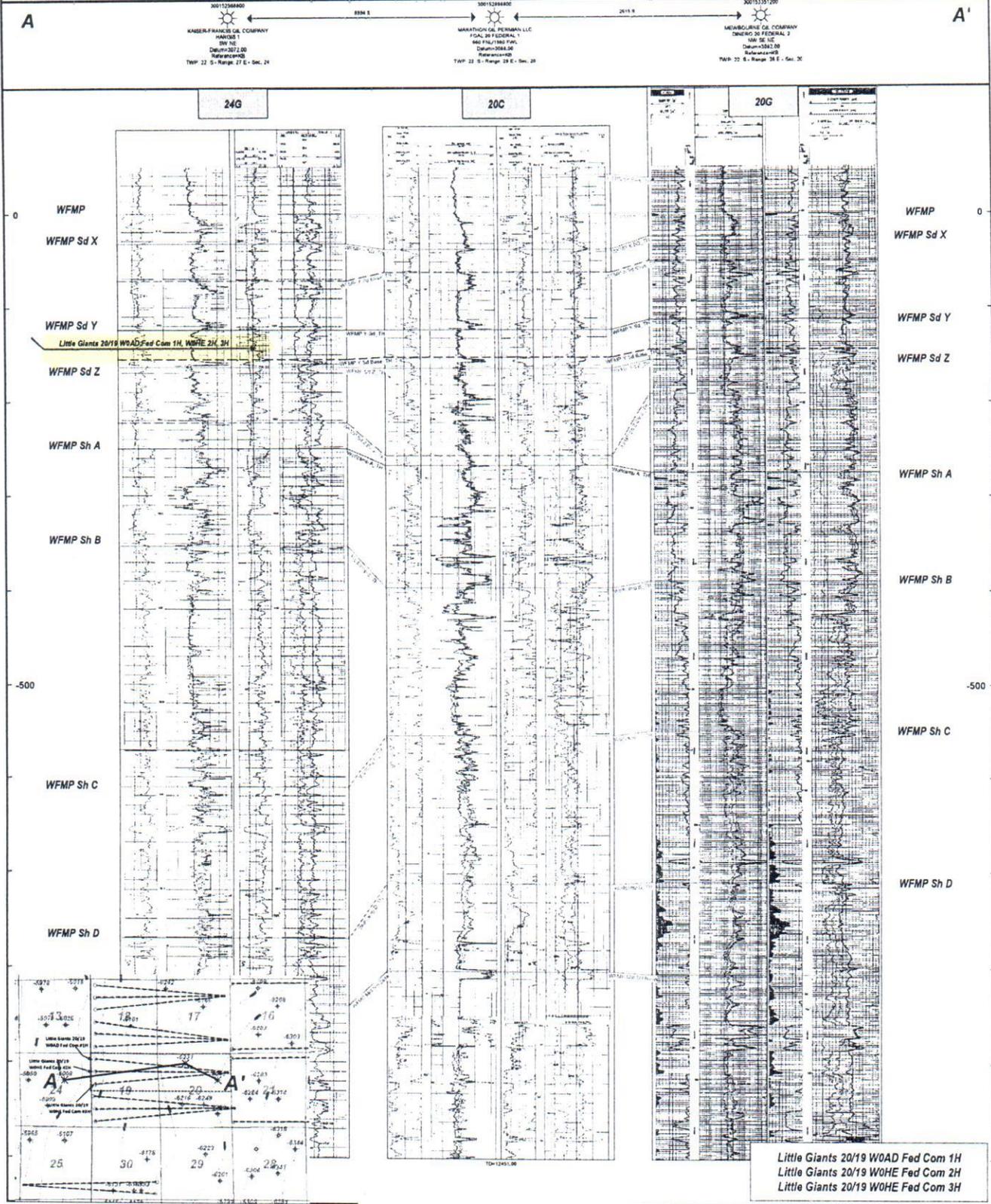
1 inch = 3000 feet



ATTACHMENT



Little Giants 20/19 WOAD Fed Com 1H, WOHE 2H, 3H



ATTACHMENT



Little Giants Area Wolfcamp Production Table

API	Well Name	Well Number	Operator	Location	Field	Cum Oil (Mbo)	Cum Gas (Bcf)	Cum Water (Mbw)	First Prod Date	WFMP Zone
300154437400	CYPRESS FEE 23 27 9	2H	MARATHON	9L-9P/23S/27E	PURPLE SAGE	56	0.61	323	5/1/2018	WFMP C Shale
300154404600	CYPRESS	1H	MARATHON	9M-9P/23S/27E	PURPLE SAGE	203	0.48	800	5/1/2017	WFMP Y Sand
300154408200	MICHAEL COLLINS 11 23S 27E RB	208H	MATADOR	11P-11M/23S/27E	PURPLE SAGE	182	0.53	683	9/1/2017	WFMP Y Sand
300154437600	CYPRESS FEE 23 27 9	4H	MARATHON	9L-9P/23S/27E	PURPLE SAGE	68	0.20	347	5/1/2018	WFMP Y Sand
300154437700	CYPRESS FEE 23 27 9	5H	MARATHON	9L-9I/23S/27E	PURPLE SAGE	105	0.46	498	3/1/2018	WFMP Y Sand
300154437800	CYPRESS FEE 23 27 9	6H	MARATHON	9L-9I/23S/27E	PURPLE SAGE	30	1.17	984	6/1/2018	WFMP Y Sand
300154438000	CYPRESS FEE 23 27 9	8H	MARATHON	9L-9I/23S/27E	PURPLE SAGE	64	0.32	366	3/1/2018	WFMP Y Sand
300154444300	MICHAEL COLLINS 11 23S 27E RB	203H	MATADOR	11I-11L/23S/27E	PURPLE SAGE	150	0.05	592	2/1/2018	WFMP Y Sand
300154447200	MICHAEL COLLINS 11 23S 27E RB	206H	MATADOR	11I-11E/23S/27E	PURPLE SAGE	144	0.36	563	2/1/2018	WFMP Y Sand
300154454400	WOLFMAN 5 4 WOLI FEDERAL COM	1H	MEWBOURNE	5L-4I/23S/27E	PURPLE SAGE	364	0.70	663	4/1/2018	WFMP Y Sand
300154316201	SCOTT WALKER STATE 36 22S 27E	204H	MATADOR	36M-36P/22S/27E	PURPLE SAGE	90	0.03	759	9/1/2015	WFMP Y Sand
300154527000	LARRY WOLFISH 01-23	206H	MATADOR	36N-1N/23S/27E	PURPLE SAGE	27	0.08	132	3/1/2019	WFMP Y Sand
300154526900	LARRY WOLFISH 01-23	204H	MATADOR	36P-1P/23S/27E	PURPLE SAGE	13	0.03	67	6/1/2019	WFMP Y Sand

ATTACHMENT



# Mewbourne Oil Company

Eddy County, New Mexico NAD 83

Little Giants 20/19 W0PM Fed Com #1H

SL: 1280 FSL & 205 FWL

Sec 21, T22S, R28E

BHL: 440 FSL & 330 FWL

Plan: Design #1

## Standard Planning Report

05 November, 2018

ATTACHMENT

D-1

Planning Report

<b>Database:</b>	Hobbs	<b>Local Co-ordinate Reference:</b>	Site Little Giants 20/19 W0PM Fed Com #1H
<b>Company:</b>	Mewbourne Oil Company	<b>TVD Reference:</b>	WELL @ 3089.0usft (Original Well Elev)
<b>Project:</b>	Eddy County, New Mexico NAD 83	<b>MD Reference:</b>	WELL @ 3089.0usft (Original Well Elev)
<b>Site:</b>	Little Giants 20/19 W0PM Fed Com #1H	<b>North Reference:</b>	Grid
<b>Well:</b>	SL: 1280 FSL & 205 FWL	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	BHL: 440 FSL & 330 FWL		
<b>Design:</b>	Design #1		

<b>Project</b>	Eddy County, New Mexico NAD 83		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	New Mexico Eastern Zone		

<b>Site</b>	Little Giants 20/19 W0PM Fed Com #1H				
<b>Site Position:</b>		<b>Northing:</b>	500,061.00 usft	<b>Latitude:</b>	32.3745223
<b>From:</b>	Map	<b>Easting:</b>	613,210.00 usft	<b>Longitude:</b>	-104.1005266
<b>Position Uncertainty:</b>	0.0 usft	<b>Slot Radius:</b>	13-3/16 "	<b>Grid Convergence:</b>	0.12 °

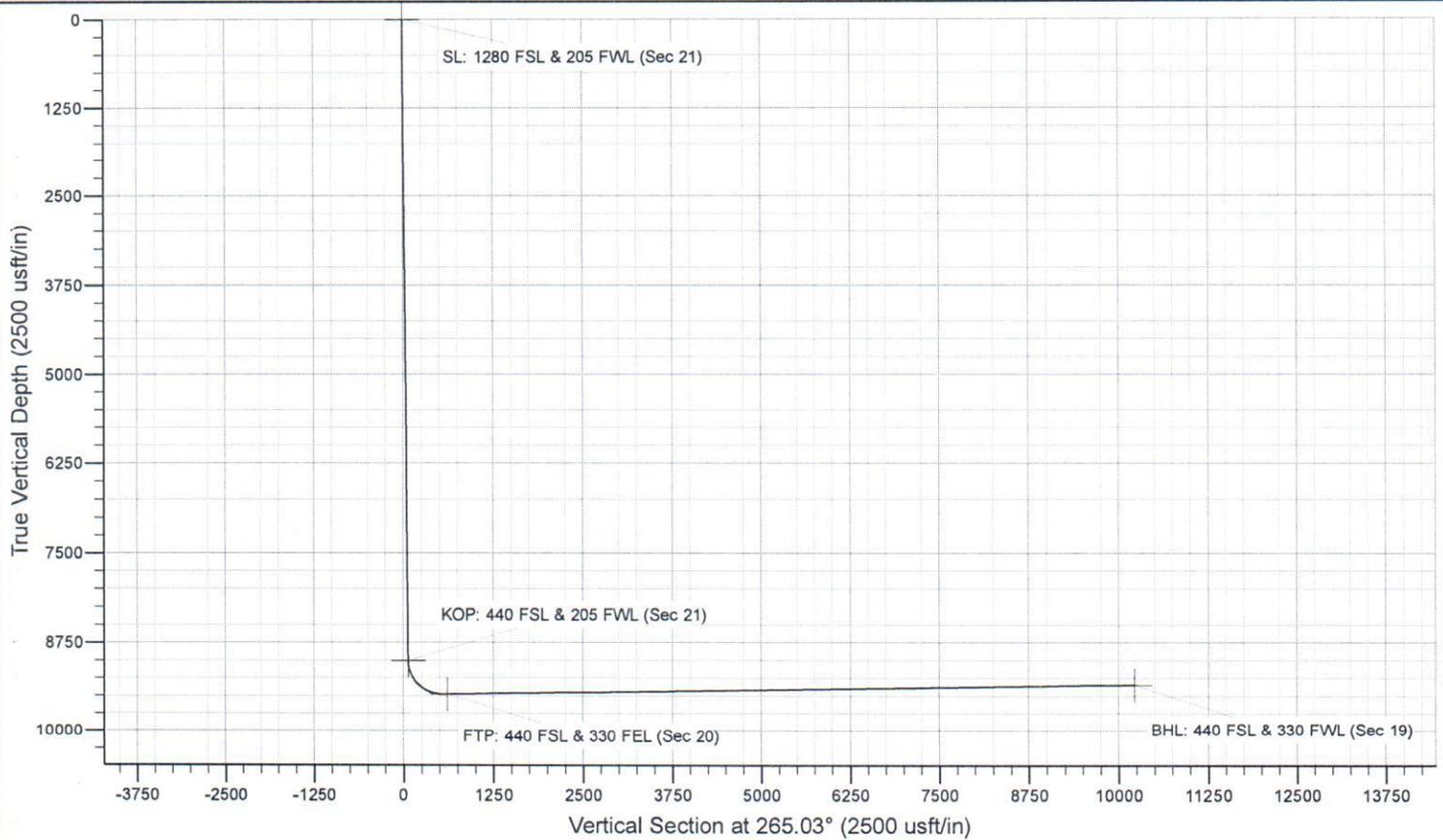
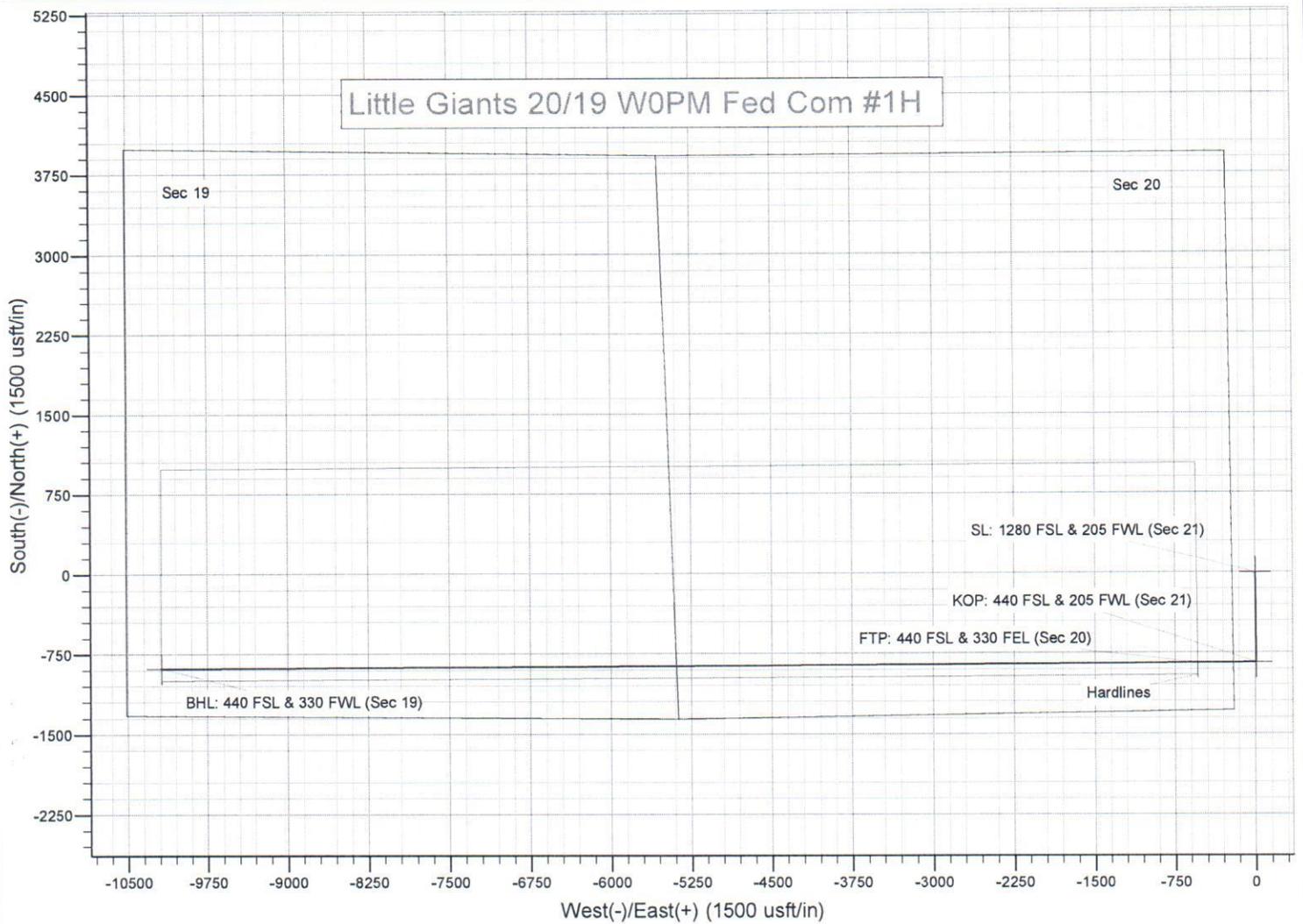
<b>Well</b>	SL: 1280 FSL & 205 FWL					
<b>Well Position</b>	<b>+N/-S</b>	0.0 usft	<b>Northing:</b>	500,061.00 usft	<b>Latitude:</b>	32.3745223
	<b>+E/-W</b>	0.0 usft	<b>Easting:</b>	613,210.00 usft	<b>Longitude:</b>	-104.1005266
<b>Position Uncertainty</b>		0.0 usft	<b>Wellhead Elevation:</b>	3,089.0 usft	<b>Ground Level:</b>	3,062.0 usft

<b>Wellbore</b>	BHL: 440 FSL & 330 FWL				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	11/5/2018	6.93	60.05	47,916

<b>Design</b>	Design #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	265.03

<b>Plan Sections</b>										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
500.0	0.00	0.00	500.0	0.0	0.0	0.00	0.00	0.00	0.00	
894.3	5.91	179.52	893.6	-20.3	0.2	1.50	1.50	0.00	179.52	
8,652.4	5.91	179.52	8,610.4	-819.7	6.8	0.00	0.00	0.00	0.00	
9,046.7	0.00	0.00	9,004.0	-840.0	7.0	1.50	-1.50	0.00	180.00	KOP: 440 FSL & 205
9,802.7	90.80	269.75	9,481.0	-842.1	-476.7	12.01	12.01	0.00	-90.25	
19,510.0	90.80	269.75	9,345.0	-885.0	-10,183.0	0.00	0.00	0.00	0.00	BHL: 440 FSL & 330 I

# Little Giants 20/19 W0PM Fed Com #1H



# Mewbourne Oil Company

Eddy County, New Mexico NAD 83

Little Giants 20/19 W0PM Fed Com #2H

SL: 1310 FSL & 205 FWL

Sec 21, T22S, R28E

BHL: 1310 FSL & 330 FWL

Plan: Design #1

## Standard Planning Report

06 November, 2018

ATTACHMENT

D-2

Planning Report

<b>Database:</b>	Hobbs	<b>Local Co-ordinate Reference:</b>	Site Little Giants 20/19 W0PM Fed Com #2H
<b>Company:</b>	Mewbourne Oil Company	<b>TVD Reference:</b>	WELL @ 3088.0usft (Original Well Elev)
<b>Project:</b>	Eddy County, New Mexico NAD 83	<b>MD Reference:</b>	WELL @ 3088.0usft (Original Well Elev)
<b>Site:</b>	Little Giants 20/19 W0PM Fed Com #2H	<b>North Reference:</b>	Grid
<b>Well:</b>	SL: 1310 FSL & 205 FWL	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	BHL: 1310 FSL & 330 FWL		
<b>Design:</b>	Design #1		

<b>Project</b>	Eddy County, New Mexico NAD 83		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	New Mexico Eastern Zone		

<b>Site</b>	Little Giants 20/19 W0PM Fed Com #2H				
<b>Site Position:</b>		<b>Northing:</b>	500,091.00 usft	<b>Latitude:</b>	32.3746048
<b>From:</b>	Map	<b>Easting:</b>	613,210.00 usft	<b>Longitude:</b>	-104.1005264
<b>Position Uncertainty:</b>	0.0 usft	<b>Slot Radius:</b>	13-3/16 "	<b>Grid Convergence:</b>	0.12 °

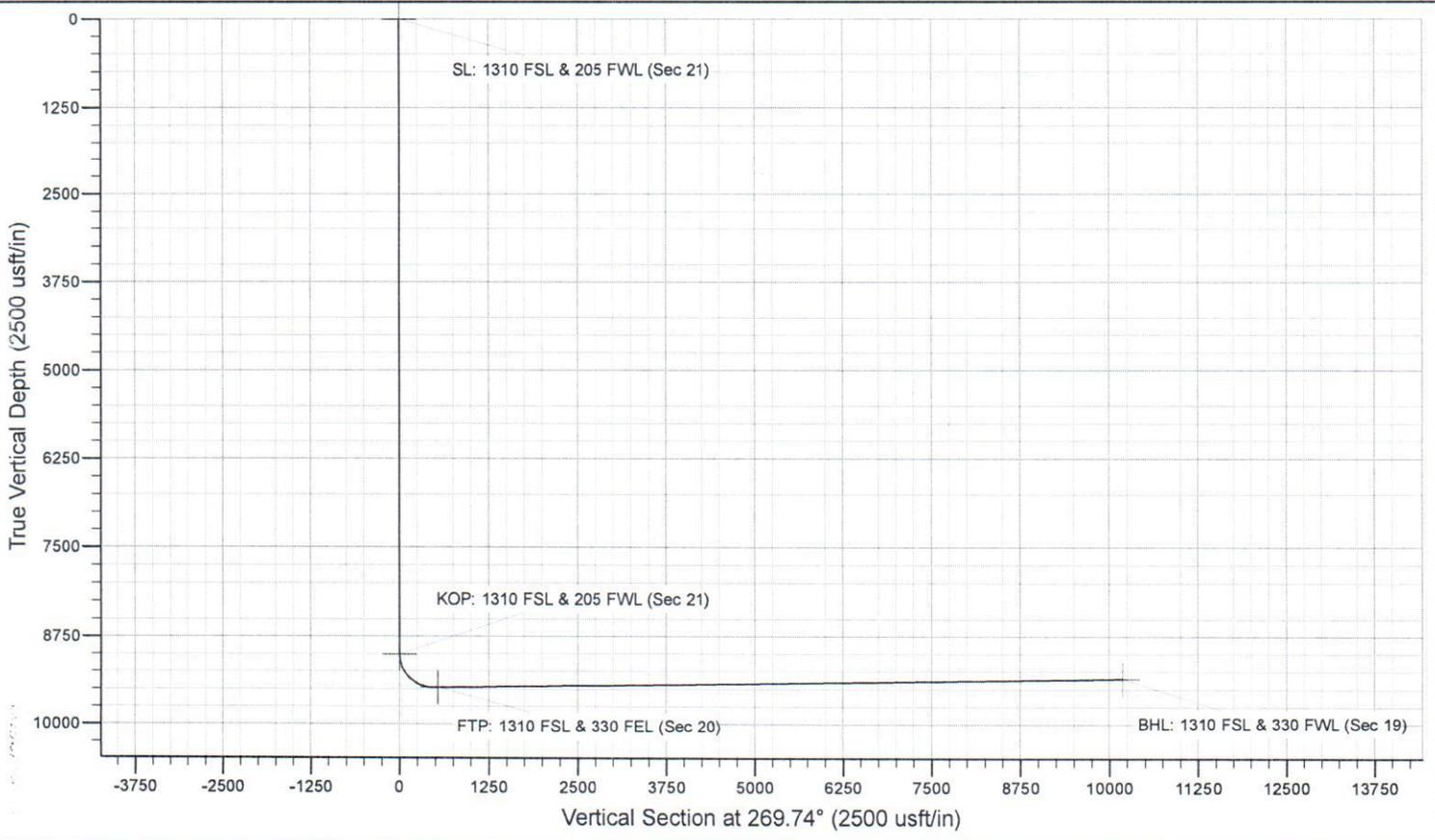
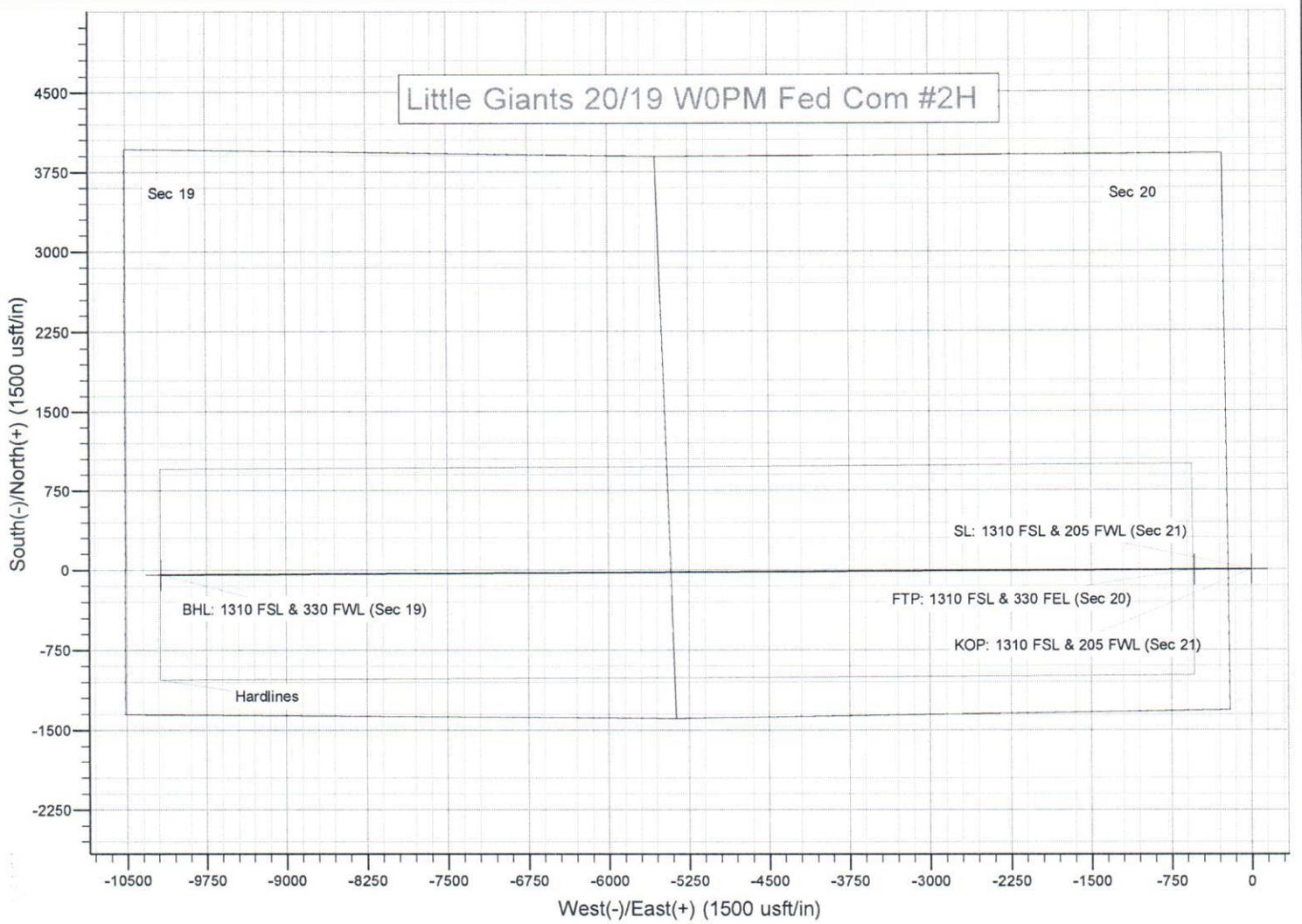
<b>Well</b>	SL: 1310 FSL & 205 FWL					
<b>Well Position</b>	<b>+N/-S</b>	0.0 usft	<b>Northing:</b>	500,091.00 usft	<b>Latitude:</b>	32.3746048
	<b>+E/-W</b>	0.0 usft	<b>Easting:</b>	613,210.00 usft	<b>Longitude:</b>	-104.1005264
<b>Position Uncertainty</b>		0.0 usft	<b>Wellhead Elevation:</b>	3,088.0 usft	<b>Ground Level:</b>	3,061.0 usft

<b>Wellbore</b>	BHL: 1310 FSL & 330 FWL				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	11/6/2018	6.93	60.05	47,916

<b>Design</b>	Design #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	269.74

<b>Plan Sections</b>											
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00		
500.0	0.00	0.00	500.0	0.0	0.0	0.00	0.00	0.00	0.00		
500.0	0.00	0.00	500.0	0.0	0.0	1.50	0.00	0.00	0.00		
9,007.0	0.00	0.00	9,007.0	0.0	0.0	0.00	0.00	0.00	0.00		
9,007.0	0.00	0.00	9,007.0	0.0	0.0	1.50	0.00	0.00	0.00	0.00 KOP: 1310 FSL & 205	
9,762.7	90.77	269.74	9,484.0	-2.2	-483.4	12.01	12.01	0.00	-90.26		
19,460.3	90.77	269.74	9,354.0	-46.0	-10,180.0	0.00	0.00	0.00	0.00	0.00 BHL: 1310 FSL & 330	

# Little Giants 20/19 W0PM Fed Com #2H



# Mewbourne Oil Company

Eddy County, New Mexico NAD 83

Little Giants 20/19 W01L Fed Com #3H

SL: 1340 FSL & 205 FWL

Sec 21, T22S, R28E

BHL: 2200 FSL & 330 FWL

Plan: Design #1

## Standard Planning Report

02 November, 2018

ATTACHMENT

D-3

Planning Report

<b>Database:</b>	Hobbs	<b>Local Co-ordinate Reference:</b>	Site Little Giants 20/19 W0IL Fed Com #3H
<b>Company:</b>	Mewbourne Oil Company	<b>TVD Reference:</b>	WELL @ 3088.0usft (Original Well Elev)
<b>Project:</b>	Eddy County, New Mexico NAD 83	<b>MD Reference:</b>	WELL @ 3088.0usft (Original Well Elev)
<b>Site:</b>	Little Giants 20/19 W0IL Fed Com #3H	<b>North Reference:</b>	Grid
<b>Well:</b>	SL: 1340 FSL & 205 FWL	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	BHL: 2200 FSL & 330 FWL		
<b>Design:</b>	Design #1		

<b>Project</b>	Eddy County, New Mexico NAD 83		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	New Mexico Eastern Zone		

<b>Site</b>	Little Giants 20/19 W0IL Fed Com #3H				
<b>Site Position:</b>		<b>Northing:</b>	500,121.00 usft	<b>Latitude:</b>	32.3746872
<b>From:</b>	Map	<b>Easting:</b>	613,210.00 usft	<b>Longitude:</b>	-104.1005262
<b>Position Uncertainty:</b>	0.0 usft	<b>Slot Radius:</b>	13-3/16 "	<b>Grid Convergence:</b>	0.12 °

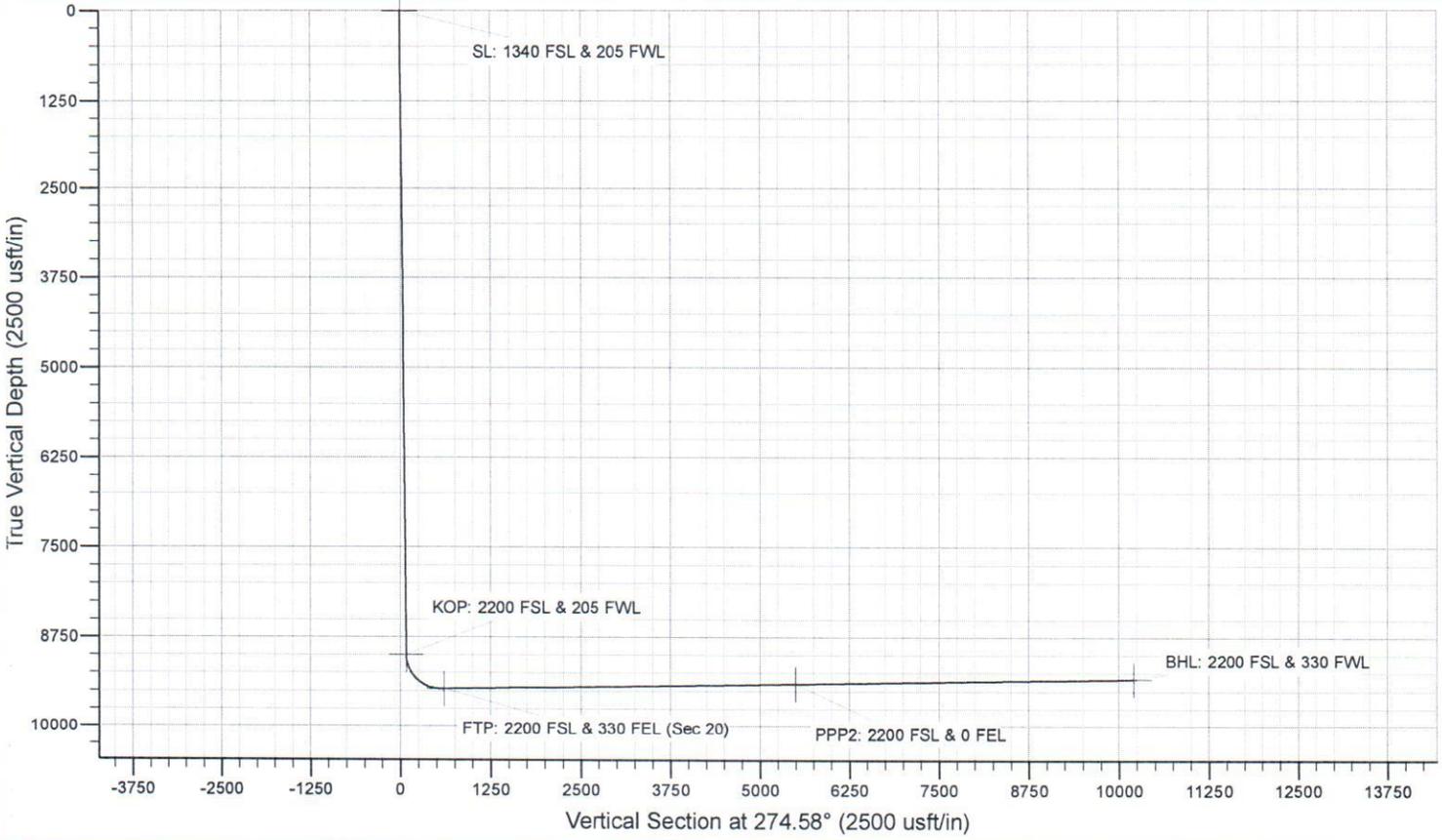
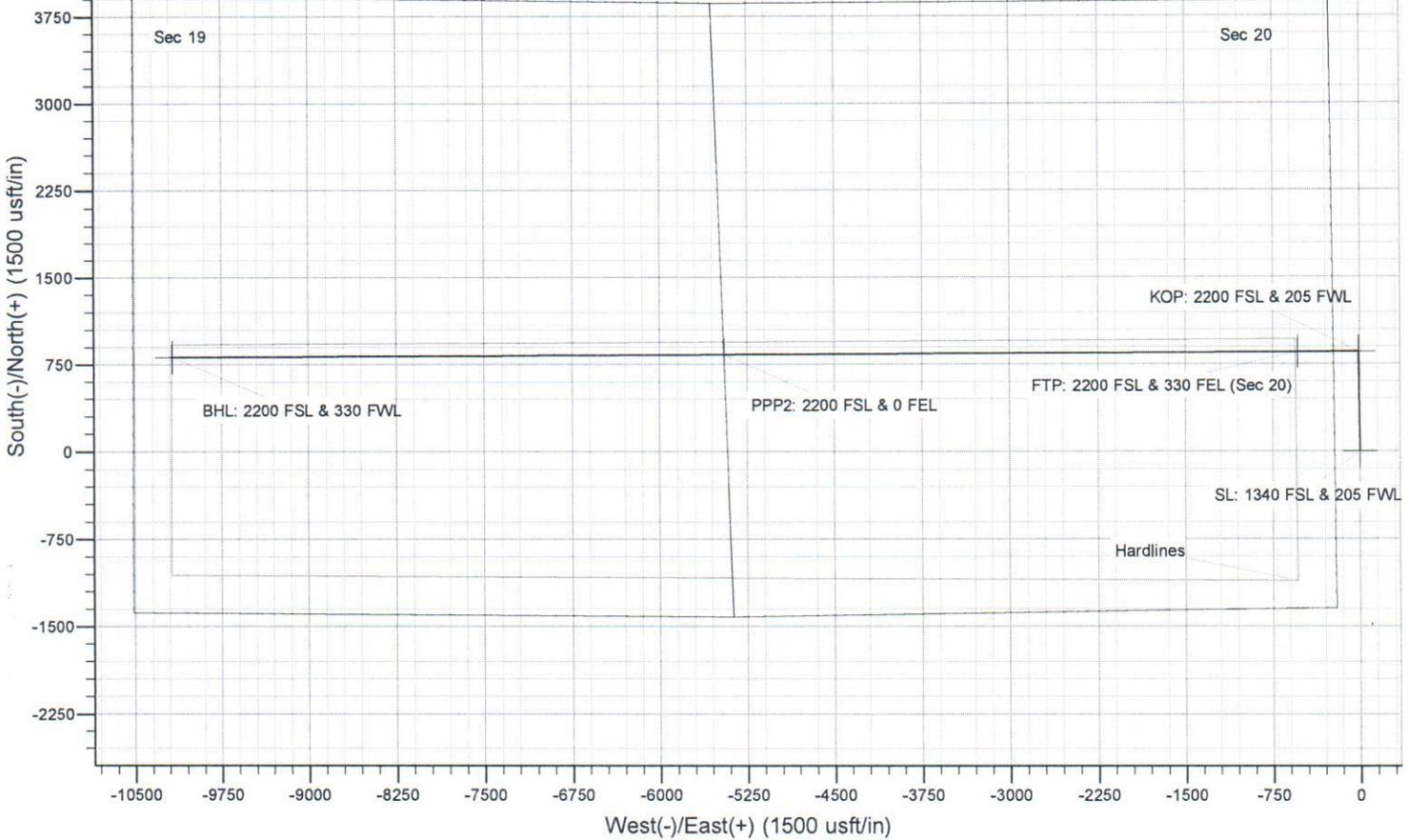
<b>Well</b>	SL: 1340 FSL & 205 FWL					
<b>Well Position</b>	<b>+N/-S</b>	0.0 usft	<b>Northing:</b>	500,121.00 usft	<b>Latitude:</b>	32.3746872
	<b>+E/-W</b>	0.0 usft	<b>Easting:</b>	613,210.00 usft	<b>Longitude:</b>	-104.1005262
<b>Position Uncertainty</b>		0.0 usft	<b>Wellhead Elevation:</b>	3,088.0 usft	<b>Ground Level:</b>	3,061.0 usft

<b>Wellbore</b>	BHL: 2200 FSL & 330 FWL				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination</b>	<b>Dip Angle</b>	<b>Field Strength</b>
	IGRF2010	11/1/2018	(°)	(°)	(nT)
			6.93	60.05	47,917

<b>Design</b>	Design #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>
	(usft)	(usft)	(usft)	(°)
	0.0	0.0	0.0	274.58

<b>Plan Sections</b>											
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00		
500.0	0.00	0.00	500.0	0.0	0.0	0.00	0.00	0.00	0.00		
904.5	6.07	359.20	903.7	21.4	-0.3	1.50	1.50	0.00	359.20		
8,637.4	6.07	359.20	8,593.3	838.6	-11.7	0.00	0.00	0.00	0.00		
9,041.8	0.00	0.00	8,997.0	860.0	-12.0	1.50	-1.50	0.00	180.00	KOP: 2200 FSL & 205	
9,798.1	90.83	269.75	9,474.0	857.9	-495.9	12.01	12.01	0.00	-90.25		
19,479.2	90.83	269.75	9,334.0	815.0	-10,176.0	0.00	0.00	0.00	0.00	BHL: 2200 FSL & 330	

# Little Giants 20/19 W0IL Fed Com #3H



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

APPLICATIONS OF MEWBOURNE OIL COMPANY  
FOR COMPULSORY POOLING, EDDY COUNTY,  
NEW MEXICO.

Case Nos. 16494 and 16495

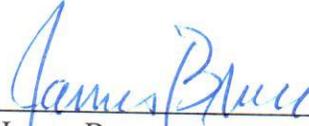
SELF-AFFIRMED STATEMENT OF NOTICE

COUNTY OF SANTA FE    )  
  ) ss.  
STATE OF NEW MEXICO    )

James Bruce deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am an attorney for Mewbourne Oil Company.
3. Mewbourne Oil Company has conducted a good faith, diligent effort to find the names and correct addresses of the interest owners entitled to receive notice of the applications filed herein.
4. Notice of the applications was provided to the interest owners, at their last known addresses, by certified mail. Copies of the notice letter and certified return receipts are attached hereto as Attachment A.
5. Applicant has complied with the notice provisions of Division Rules.
6. I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 5 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: 7/21/2020

  
\_\_\_\_\_  
James Bruce

EXHIBIT

7

**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)

October 12, 2018

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

To: Persons on Exhibit A

Ladies and gentlemen:

Enclosed are copies of the following compulsory pooling applications filed with the New Mexico Oil Conservation Division by Mewbourne Oil Company:

1. Case No. 16492, for a Bone Spring well in the N/2N/2 of Section 20 and N/2N/2 of Section 19;
2. Case No. 16493, for a Bone Spring well in the S/2N/2 of Section 20 and S/2N/2 of Section 19;
3. Case No. 16494, for three Wolfcamp wells in the N/2 of Section 20 and N/2 of Section 19; and
4. Case No. 16495, for three Wolfcamp wells in the S/2 of Section 20 and S/2 of Section 19,

all in Township 22 South, Range 28 East, NMPM, Eddy County, New Mexico.

These matters are scheduled for hearing at 8:15 a.m. on Thursday, November 1, 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 who may be affected by the applications, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting this matter at a later date.

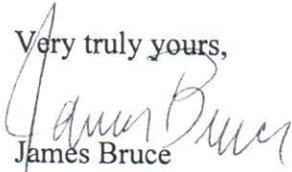
A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than Thursday, October 25, 2018. This statement must be filed with the Division's Santa Fe office at the above address, and should include: The names of the party and

ATTACHMENT

A

his or her 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 Mewbourne Oil Company

EXHIBIT A

Chisholm Energy Operating, LLC  
Suite 1200 – Unit 20  
801 Cherry Street  
Fort Worth, Texas 76102

Chisholm Trail Ventures LP  
P.O. Box 916107  
Fort Worth, Texas 76191

EOG Resources, Inc.  
5509 Champions Drive  
Midland, Texas 79706

Marathon Oil Company  
Marathon Oil Permian LLC  
5555 San Felipe Street  
Houston, Texas 77056

PGP Holdings I, LLC  
104 TownPark Drive NW  
Kenesaw, Georgia 30144

Thru Line O&G NM LLC  
c/o XTO Energy Inc.  
22777 Springswood Village Parkway  
Spring, Texas 77389

**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:

Chisholm Energy Operating, LLC  
 Suite 1200 - Unit 20  
 801 Cherry Street  
 Fort Worth, Texas 76102



9590 9402 4079 8092 5930 31

2. Article Number (Transfer from service label)  
 7018 2290 0001 5021 7016

(over \$500)

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

Domestic Return Receipt

M-LG

**COMPLETE THIS SECTION ON DELIVERY**

- A. Signature  *[Signature]*
- B. Received by (Printed Name)  Darlene Gates
- C. Date of Delivery  7/23
- D. Is delivery address different from item 1?  Yes  No

If YES, enter delivery address below:

- 3. Service Type
  - Priority Mail Express®
  - Registered Mail™
  - Adult Signature Restricted Delivery
  - Certified Mail®
  - Certified Mail Restricted Delivery
  - Return Receipt for Merchandise
  - Signature Confirmation™
  - Signature Confirmation Restricted Delivery

Restricted Delivery

(over \$500)

Domestic Return Receipt

M-LG

**SENDER: COMPLETE THIS SECTION**

- 1. Article Addressed to:
  - 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:

Chisholm Trail Ventures LP  
 P.O. Box 916107  
 Fort Worth, Texas 76191



9590 9402 4079 8092 5930 48

2. Article #

7018 2290 0001 5021 7009

(over \$500)

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

Domestic Return Receipt

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

Postmark Here

Total Postage and Fees \$  
 Chisholm Energy Operating, LLC  
 Suite 1200 - Unit 20  
 801 Cherry Street  
 Fort Worth, Texas 76102  
 City, State, ZIP+4®

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

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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 \$

Postmark Here

Total Postage and Fees \$

Sent To Chisholm Trail Ventures LP  
 P.O. Box 916107  
 Street and Apt. No., or Fort Worth, Texas 76191  
 City, State, ZIP+4®

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

**COMPLETE THIS SECTION ON DELIVERY**

- A. Signature  Agent  Addressee
- B. Received by (Printed Name)  RECEIVED
- C. Date of Delivery
- D. Is delivery address different from item 1?  Yes  No

If YES, enter delivery address below:

cc  
 Tarrant County

- 3. Service Type
  - Priority Mail Express®
  - Registered Mail™
  - Adult Signature Restricted Delivery
  - Certified Mail®
  - Certified Mail Restricted Delivery
  - Return Receipt for Merchandise
  - Signature Confirmation™
  - Signature Confirmation Restricted Delivery

Delivery

(over \$500)

Domestic Return Receipt

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 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:  
 Marathon Oil Company  
 Marathon Oil Permian LLC  
 5555 San Felipe Street  
 Houston, Texas 77056

3. Service Type  
 Priority Mail Express®  
 Registered Mail™  
 Adult Signature Restricted Delivery  
 Certified Mail®  
 Collect on Delivery

2. Article Number (Transfer from *www.usps.com*)  
 9590 9402 4079 8092 5930 62  
 7018 2290 0001 5021 6989

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

Domestic Return Receipt  
 M-LG

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
 Agent  
 Addressee

B. Received by (Printed Name)  
 Marcos Coney

C. Date of Delivery  
 10-23-18

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

3. Service Type  
 Priority Mail Express®  
 Registered Mail™  
 Adult Signature Restricted Delivery  
 Certified Mail®  
 Collect on Delivery

1. Article Addressed to:  
 Marathon Oil Company  
 Marathon Oil Permian LLC  
 5555 San Felipe Street  
 Houston, Texas 77056

2. Article Number (Transfer from *www.usps.com*)  
 9590 9402 4079 8092 5930 62  
 7018 2290 0001 5021 6989

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

Domestic Return Receipt  
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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 EOG Resources, Inc.  
 5509 Champions Drive  
 Midland, Texas 79706  
 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

Domestic Return Receipt  
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**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 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:  
 Marathon Oil Company  
 Marathon Oil Permian LLC  
 5555 San Felipe Street  
 Houston, Texas 77056

3. Service Type  
 Priority Mail Express®  
 Registered Mail™  
 Adult Signature Restricted Delivery  
 Certified Mail®  
 Collect on Delivery

2. Article Number (Transfer from *www.usps.com*)  
 9590 9402 4079 8092 5930 62  
 7018 2290 0001 5021 6989

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

Domestic Return Receipt  
 M-LG

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
 Agent  
 Addressee

B. Received by (Printed Name)  
 Marcos Coney

C. Date of Delivery  
 10-23-18

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

3. Service Type  
 Priority Mail Express®  
 Registered Mail™  
 Adult Signature Restricted Delivery  
 Certified Mail®  
 Collect on Delivery

1. Article Addressed to:  
 Marathon Oil Company  
 Marathon Oil Permian LLC  
 5555 San Felipe Street  
 Houston, Texas 77056

2. Article Number (Transfer from *www.usps.com*)  
 9590 9402 4079 8092 5930 62  
 7018 2290 0001 5021 6989

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

Domestic Return Receipt  
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**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 EOG Resources, Inc.  
 5509 Champions Drive  
 Midland, Texas 79706  
 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

Domestic Return Receipt  
 M-LG

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 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:  
 EOG Resources, Inc.  
 5509 Champions Drive  
 Midland, Texas 79706

3. Service Type  
 Priority Mail Express®  
 Registered Mail™  
 Adult Signature Restricted Delivery  
 Certified Mail®  
 Collect on Delivery

2. Article Number (Transfer from *www.usps.com*)  
 9590 9402 4079 8092 5930 55  
 7018 2290 0001 5021 6996

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

Domestic Return Receipt  
 M-LG

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
 Agent  
 Addressee

B. Received by (Printed Name)  
 Marcos Coney

C. Date of Delivery  
 10-23-18

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

3. Service Type  
 Priority Mail Express®  
 Registered Mail™  
 Adult Signature Restricted Delivery  
 Certified Mail®  
 Collect on Delivery

1. Article Addressed to:  
 EOG Resources, Inc.  
 5509 Champions Drive  
 Midland, Texas 79706

2. Article Number (Transfer from *www.usps.com*)  
 9590 9402 4079 8092 5930 55  
 7018 2290 0001 5021 6996

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

Domestic Return Receipt  
 M-LG

**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:

PGP Holdings I, LLC  
104 TownPark Drive NW  
Kenesaw, Georgia 30144



2. Article Number **7018 2290 0001 5021 6972**

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

**M-LG**

Domestic Return Receipt

**COMPLETE THIS SECTION ON DELIVERY**

- A. Signature  Agent  Addressee  
**X E. Williams**
- B. Received by (Printed Name) **E. Williams** C. Date of Delivery **10-23-18**
- D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below:

3. Service Type
- Priority Mail Express®
  - Registered Mail™
  - Adult Signature Restricted Delivery
  - Certified Mail®
  - Return Receipt for Merchandise
  - Signature Confirmation™
  - Restricted Delivery

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**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 **PGP Holdings I, LLC**  
**104 TownPark Drive NW**  
**Kenesaw, Georgia 30144**

Street and Apt. No., or PO Box # \_\_\_\_\_  
City, State, ZIP+4® \_\_\_\_\_

Postmark Here

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

7018 2290 0001 5021 6972

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**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 **Thru Line O&G NM LLC**  
**c/o XTO Energy Inc.**  
**22777 Springswood Village Parkway**  
**Spring, Texas 77389**

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

Postmark Here

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:

Thru Line O&G NM LLC  
c/o XTO Energy Inc.  
22777 Springswood Village Parkway  
Spring, Texas 77389



2. Article Number (Transfer from service label)  
**7018 2290 0001 5021 6965**

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

**M-LG**

Domestic Return Receipt

**COMPLETE THIS SECTION ON DELIVERY**

- A. Signature  Agent  Addressee  
**X BK**
- 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
- Priority Mail Express®
  - Registered Mail™
  - Adult Signature Restricted Delivery
  - Certified Mail®
  - Certified Mail Restricted Delivery
  - Return Receipt for Merchandise
  - Signature Confirmation™
  - Restricted Delivery

(over \$500)

**M-LG**

Domestic Return Receipt

7018 2290 0001 5021 6972

# COMPULSORY POOLING APPLICATION CHECKLIST

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case:	16494
Date	July 23, 2020
Applicant	Mewbourne Oil Company
Designated Operator & OGRID (affiliation if applicable)	Mewbourne Oil Company/OGRID No. 14744
Applicant's Counsel:	James Bruce
Case Title:	Application of Mewbourne Oil Company for Compulsory Pooling, Eddy County, New Mexico
Entries of Appearance/Intervenors:	EOG Resources, Inc. and XTO Holdings, LLC/Holland & Hart LLP
Well Family	Little Giants wells
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent:	Wolfcamp Formation
Primary Product (Oil or Gas):	Gas
Pooling this vertical extent:	Entire Wolfcamp formation
Pool Name and Pool Code:	Purple Sage; Wolfcamp (Gas)/Pool Code 98220
Well Location Setback Rules:	Purple Sage pool rules and current horizontal well rules
Spacing Unit Size:	Half Sections/320 acres
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	640 acres
Building Blocks:	320 acres
Orientation:	East-West
Description: TRS/County	N/2 §20 and N/2 §19-22S-28E, NMPM, Eddy County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
<b>Other Situations</b>	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	
Applicant's Ownership in Each Tract	Exhibit 3-C
<b>Well(s)</b>	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non- standard)	Little Giants 20/19 WOAD Fed. Com. Well No. 1H API No. 30-015-Pending SHL: 1310 FNL & 205 FEL §20 BHL: 440 FNL & 330 FWL §19 FTP: 440 FNL & 330 FEL §20 LTP: 440 FNL & 330 FWL §19 Upper Wolfcamp/TVD 9450 feet/MD 19470 feet

EXHIBIT

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	<p>Little Giants 20/19 WOHE Fed. Com. Well No. 2H  API No. 30-015-Pending  SHL: 1340 FNL &amp; 205 FEL §20  BHL: 1340 FNL &amp; 330 FWL §19  FTP: 1340 FNL &amp; 330 FEL §20  LTP: 1340 FNL &amp; 330 FWL §19  Upper Wolfcamp/TVD 9455 feet/MD 19480 feet</p> <p>Little Giants 20/19 WOHE Fed. Com. Well No. 3H  API No. 30-015-46238  SHL: 1370 FNL &amp; 205 FEL §20  BHL: 2200 FNL &amp; 330 FWL §19  FTP: 2200 FNL &amp; 330 FEL §20  LTP: 2200 FNL &amp; 330 FWL §19  Upper Wolfcamp/TVD 9460 feet/MD 19480 feet</p>
Horizontal Well First and Last Take Points	See above
Completion Target (Formation, TVD and MD)	See above
<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	\$8000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit 3, page 2
Requested Risk Charge	Cost + 200%/Exhibit 3, page 3
<b>Notice of Hearing</b>	
Proposed Notice of Hearing	Exhibit 1
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit 7
Proof of Published Notice of Hearing (10 days before hearing)	Unnecessary
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	Exhibit 3-A
Tract List (including lease numbers and owners)	Exhibit 3-C
Pooled Parties (including ownership type)	Exhibit 3-C
Unlocatable Parties to be Pooled	Not applicable
Ownership Depth Severance (including percentage above & below)	None
<b>Joinder</b>	
Sample Copy of Proposal Letter	Exhibit 3-D
List of Interest Owners (i.e. Exhibit A of JOA)	Exhibit 3-C
Chronology of Contact with Non-Joined Working Interests	Exhibit 3-D
Overhead Rates In Proposal Letter	
Cost Estimate to Drill and Complete	Exhibit 3-E
Cost Estimate to Equip Well	Exhibit 3-E

Cost Estimate for Production Facilities	Exhibit 3-E
<b>Geology</b>	
Summary (including special considerations)	Exhibit 3
Spacing Unit Schematic	Exhibit 3-A and Exhibit 3-B
Gunbarrel/Lateral Trajectory Schematic	Exhibit 5-B
Well Orientation (with rationale)	Laydown/Exhibit 5, page 2
Target Formation	Wolfcamp
HSU Cross Section	Exhibit 5-B
Depth Severance Discussion	Not Applicable
<b>Forms, Figures and Tables</b>	
C-102	Exhibit 3-B
Tracts	Exhibit 3-C
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit 3-C
General Location Map (including basin)	Exhibit 3-A
Well Bore Location Map	Exhibit 5-A
Structure Contour Map - Subsea Depth	Exhibit 5-A
Cross Section Location Map (including wells)	Exhibit 5-B
Cross Section (including Landing Zone)	Exhibit 5-B
<b>Additional Information</b>	
<b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b>	
<b>Printed Name</b> (Attorney or Party Representative):	James Bruce
<b>Signed Name</b> (Attorney or Party Representative):	
<b>Date:</b>	July 21, 2020

# COMPULSORY POOLING APPLICATION CHECKLIST

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case:	16495
Date	July 23, 2020
Applicant	Mewbourne Oil Company
Designated Operator & OGRID (affiliation if applicable)	Mewbourne Oil Company/OGRID No. 14744
Applicant's Counsel:	James Bruce
Case Title:	Application of Mewbourne Oil Company for Compulsory Pooling, Eddy County, New Mexico
Entries of Appearance/Intervenors:	EOG Resources, Inc. and XTO Holdings, LLC/Holland & Hart LLP
Well Family	Little Giants wells
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent:	Wolfcamp Formation
Primary Product (Oil or Gas):	Gas
Pooling this vertical extent:	Entire Wolfcamp formation
Pool Name and Pool Code:	Purple Sage; Wolfcamp (Gas)/Pool Code 98220
Well Location Setback Rules:	Purple Sage pool rules and current horizontal well rules
Spacing Unit Size:	Half Sections/320 acres
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	640 acres
Building Blocks:	320 acres
Orientation:	East-West
Description: TRS/County	S/2 §20 and S/2 §19-22S-28E, NMPM, Eddy County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
<b>Other Situations</b>	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	
Applicant's Ownership in Each Tract	Exhibit 4-C
<b>Well(s)</b>	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non- standard)	Little Giants 20/19 WOPM Fed. Com. Well No. 1H API No. 30-015-Pending SHL: 1280 FSL & 205 FWL §21 BHL: 440 FSL & 330 FWL §19 FTP: 440 FSL & 330 FEL §20 LTP: 440 FSL & 330 FWL §19 Upper Wolfcamp/TVD 9475 feet/MD 19495 feet

EXHIBIT

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Little Giants 20/19 WOPM Fed. Com. Well No. 2H  
 API No. 30-015-Pending  
 SHL: 1310 FSL & 205 FWL §21  
 BHL: 1310 FSL & 330 FWL §19  
 FTP: 1310 FSL & 330 FEL §20  
 LTP: 1310 FSL & 330 FWL §19  
 Upper Wolfcamp/TVD 9470 feet/MD 19495 feet

Little Giants 20/19 W0IL Fed. Com. Well No. 3H  
 API No. 30-015-Pending  
 SHL: 1340 FSL & 205 FWL §21  
 BHL: 2200 FSL & 330 FWL §19  
 FTP: 2200 FSL & 330 FEL §20  
 LTP: 2200 FSL & 330 FWL §19  
 Upper Wolfcamp/TVD 9465 feet/MD 19485 feet

Horizontal Well First and Last Take Points	See above
Completion Target (Formation, TVD and MD)	See above
<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	\$8000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit 4, page 2
Requested Risk Charge	Cost + 200%/Exhibit 4, page 3
<b>Notice of Hearing</b>	
Proposed Notice of Hearing	Exhibit 2
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit 7
Proof of Published Notice of Hearing (10 days before hearing)	Unnecessary
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	Exhibit 4-A
Tract List (including lease numbers and owners)	Exhibit 4-C
Pooled Parties (including ownership type)	Exhibit 4-C
Unlocatable Parties to be Pooled	Not applicable
Ownership Depth Severance (including percentage above & below)	None
<b>Joinder</b>	
Sample Copy of Proposal Letter	Exhibit 4-D
List of Interest Owners ( <i>i.e.</i> Exhibit A of JOA)	Exhibit 4-C
Chronology of Contact with Non-Joined Working Interests	Exhibit 4-D
Overhead Rates In Proposal Letter	
Cost Estimate to Drill and Complete	Exhibit 4-E
Cost Estimate to Equip Well	Exhibit 4-E

Cost Estimate for Production Facilities	Exhibit 4-E
<b>Geology</b>	
Summary (including special considerations)	Exhibit 4
Spacing Unit Schematic	Exhibit 4-A and Exhibit 4-B
Gunbarrel/Lateral Trajectory Schematic	Exhibit 6-B
Well Orientation (with rationale)	Laydown/Exhibit 6, page 2
Target Formation	Wolfcamp
HSU Cross Section	Exhibit 6-B
Depth Severance Discussion	Not Applicable
<b>Forms, Figures and Tables</b>	
C-102	Exhibit 4-B
Tracts	Exhibit 4-C
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit 4-C
General Location Map (including basin)	Exhibit 4-A
Well Bore Location Map	Exhibit 6-A
Structure Contour Map - Subsea Depth	Exhibit 6-A
Cross Section Location Map (including wells)	Exhibit 6-B
Cross Section (including Landing Zone)	Exhibit 6-B
<b>Additional Information</b>	
<b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b>	
<b>Printed Name</b> (Attorney or Party Representative):	James Bruce
<b>Signed Name</b> (Attorney or Party Representative):	
<b>Date:</b>	July 21, 2020

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

APPLICATIONS OF MEWBOURNE OIL COMPANY  
FOR COMPULSORY POOLING, EDDY COUNTY,  
NEW MEXICO.

Case Nos. 16494 and 16495

NOTICE OF FILING

Mewbourne Oil Company hereby submits supplemental geological Exhibits 5-A, 5-B, 6-A, and 6-B in the above cases. These are merely color copies of the same exhibits filed herein on July 21, 2020.

Respectfully submitted,

  
\_\_\_\_\_  
James Bruce  
Post Office Box 1056  
Santa Fe, New Mexico 87504  
(505) 982-2043  
*jamesbruc@aol.com*

Attorney for Mewbourne Oil Company

CERTIFICATE OF SERVICE

I hereby certify that a copy of the foregoing pleading was served upon the following counsel of record this 22nd day of July, 2020 by e-mail:

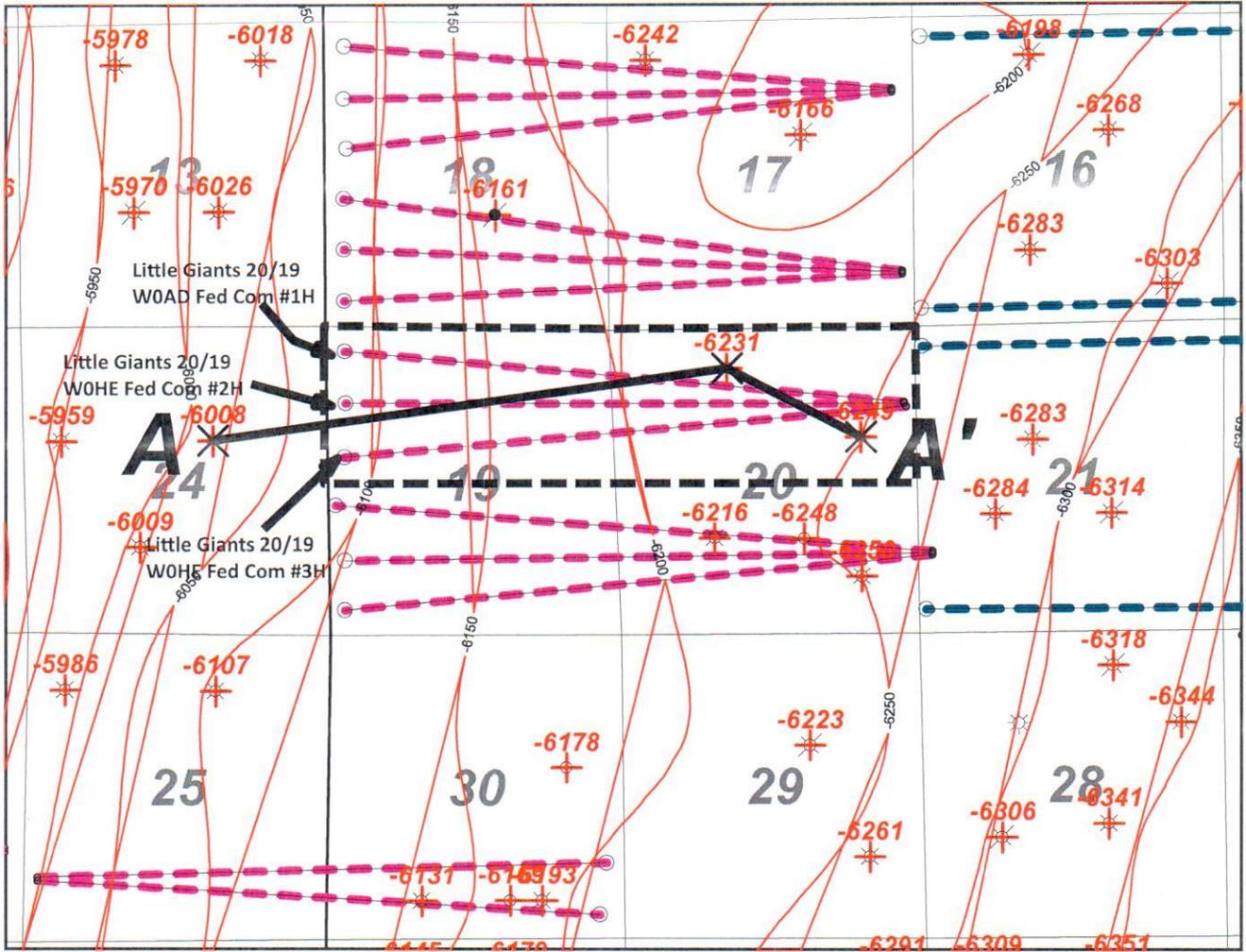
Michael Feldewert  
*mfeldewert@hollandhart.com*

Adam Rankin  
*agrarkin@hollandhart.com*

Julia Broggi  
*jbroggi@hollandhart.com*

Kaitlyn Luck  
*kaluck@hollandhart.com*

  
\_\_\_\_\_  
James Bruce



**Activity Color Code (Permitted Horizons)**

- — — — Wolfcamp Sand
- — — — Wolfcamp D Sh



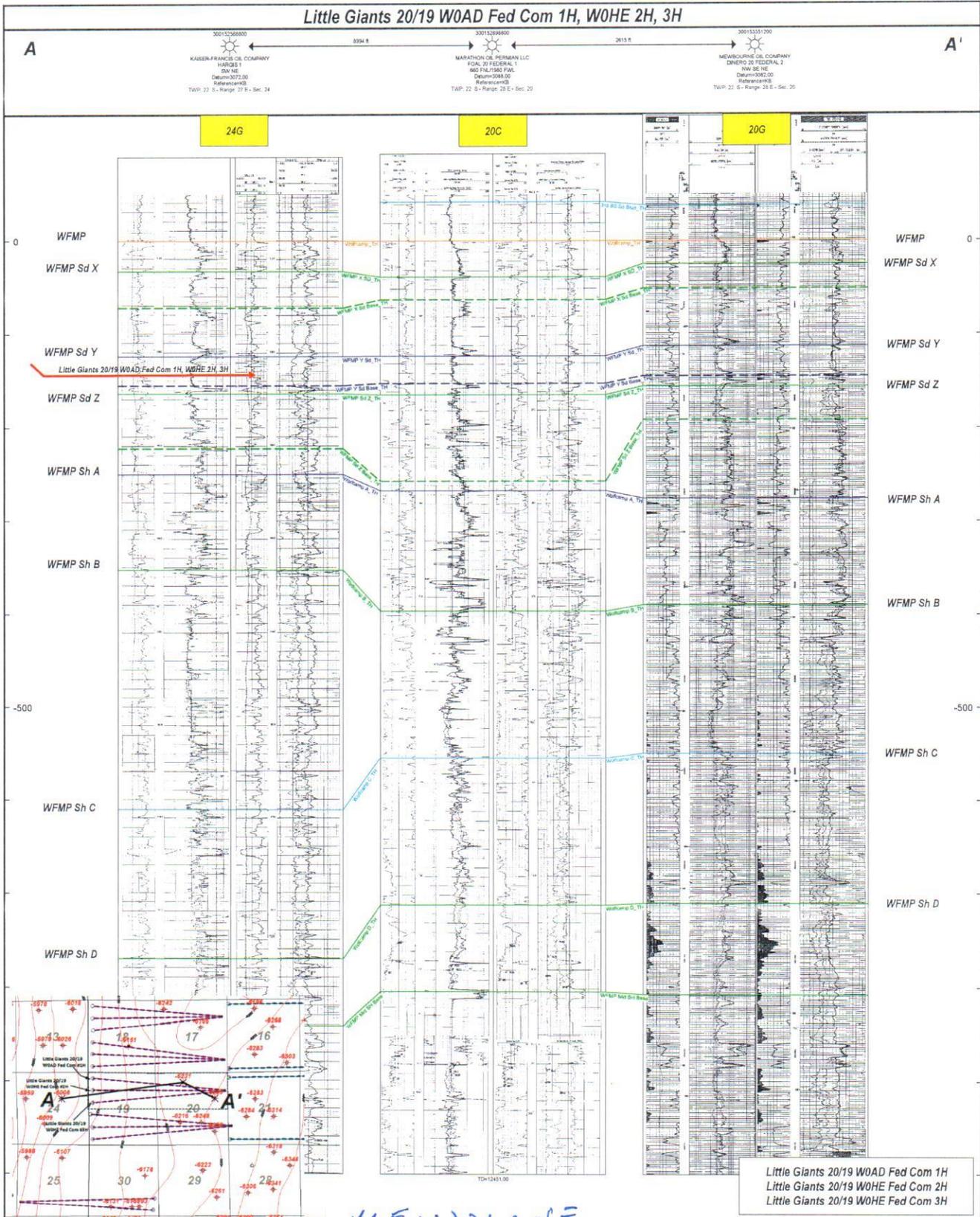
<b>MOC Mewbourne Oil Company</b>		
<i>Little Giants 20/19 WOAD Fed Com 1H</i>		
<i>Little Giants 20/19 WOHE Fed Com 2H</i>		
<i>Little Giants 20/19 WOHE Fed Com 3H</i>		
<i>Structure top WFMP (C.I. 50')</i>		
Author: T. Hill	County:	Date: 14 October, 2019
Scale: 1.0"=3000'		

1 inch = 3000 feet



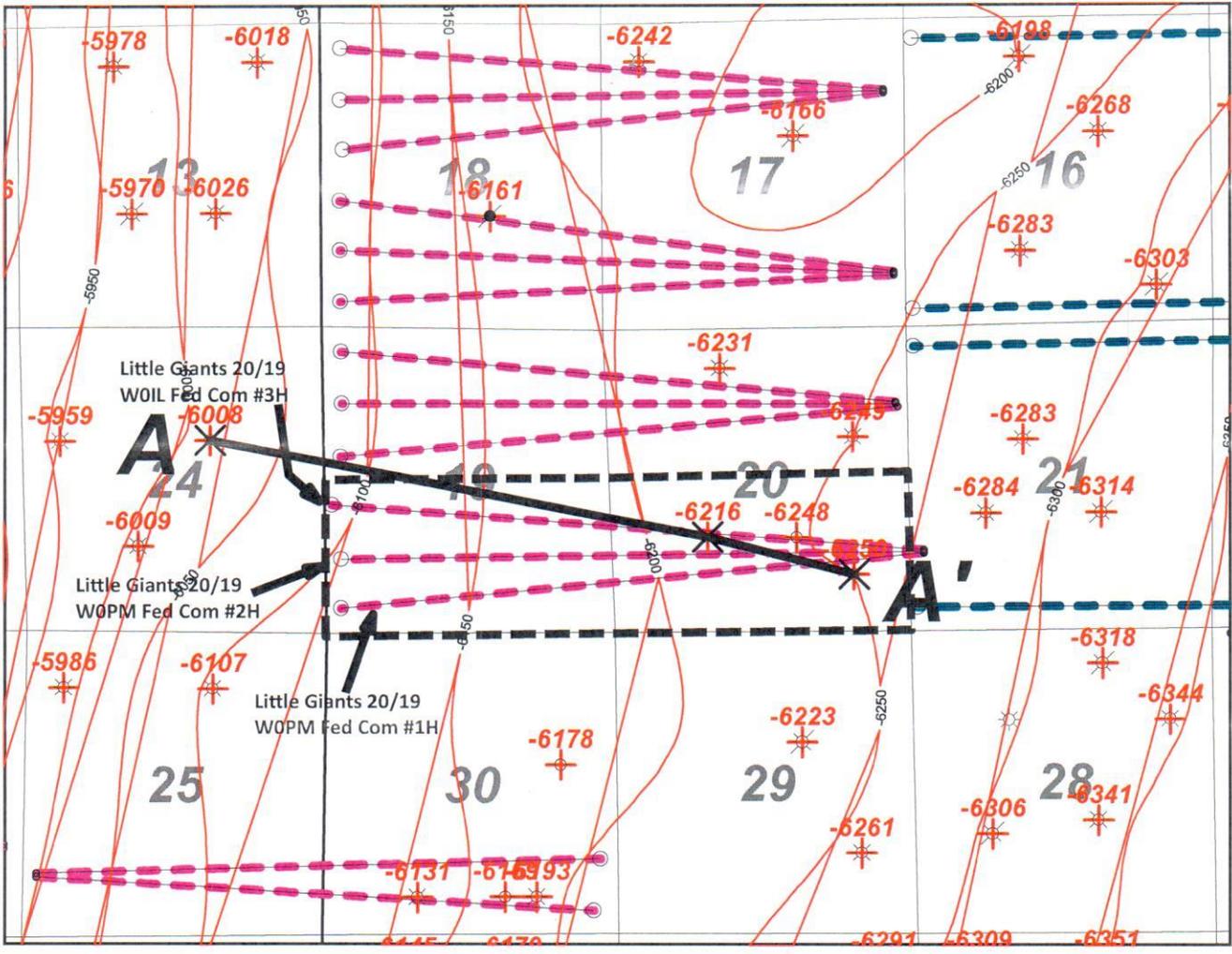
MEWBORNE  
EXHIBIT 5-A

Little Giants 20/19 W0AD Fed Com 1H, W0HE 2H, 3H



Little Giants 20/19 W0AD Fed Com 1H  
 Little Giants 20/19 W0HE Fed Com 2H  
 Little Giants 20/19 W0HE Fed Com 3H

MEWBOURNE  
 EXHIBIT 5-B



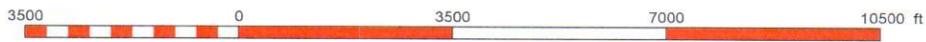
Activity Color Code (Permitted Horizons)

- Wolfcamp Sand
- Wolfcamp D Sh



<b>MOC Mewbourne Oil Company</b>		
<i>Little Giants 20/19 WOPM Fed Com #1H</i>		
<i>Little Giants 20/19 WOPM Fed Com #2H</i>		
<i>Little Giants 20/19 WOil Fed Com #3H</i>		
<i>Structure top WFMP (C.I. 50')</i>		
Author: T. Hill	County:	Date: 14 October, 2019
Scale: 1.0"=3000'		

1 inch = 3000 feet



MEWBOURNE  
EXHIBIT 6-A

Little Giants 20/19 W0PM Fed Com 1H, 2H, W0IL 3H

A

A'

30011508800  
 KAISER-FRANCIS OIL COMPANY  
 PARCELS  
 SW NE SW  
 Datum=2007.00  
 Reference=KS  
 TWP: 22 S - Range: 27 E - Sec: 24

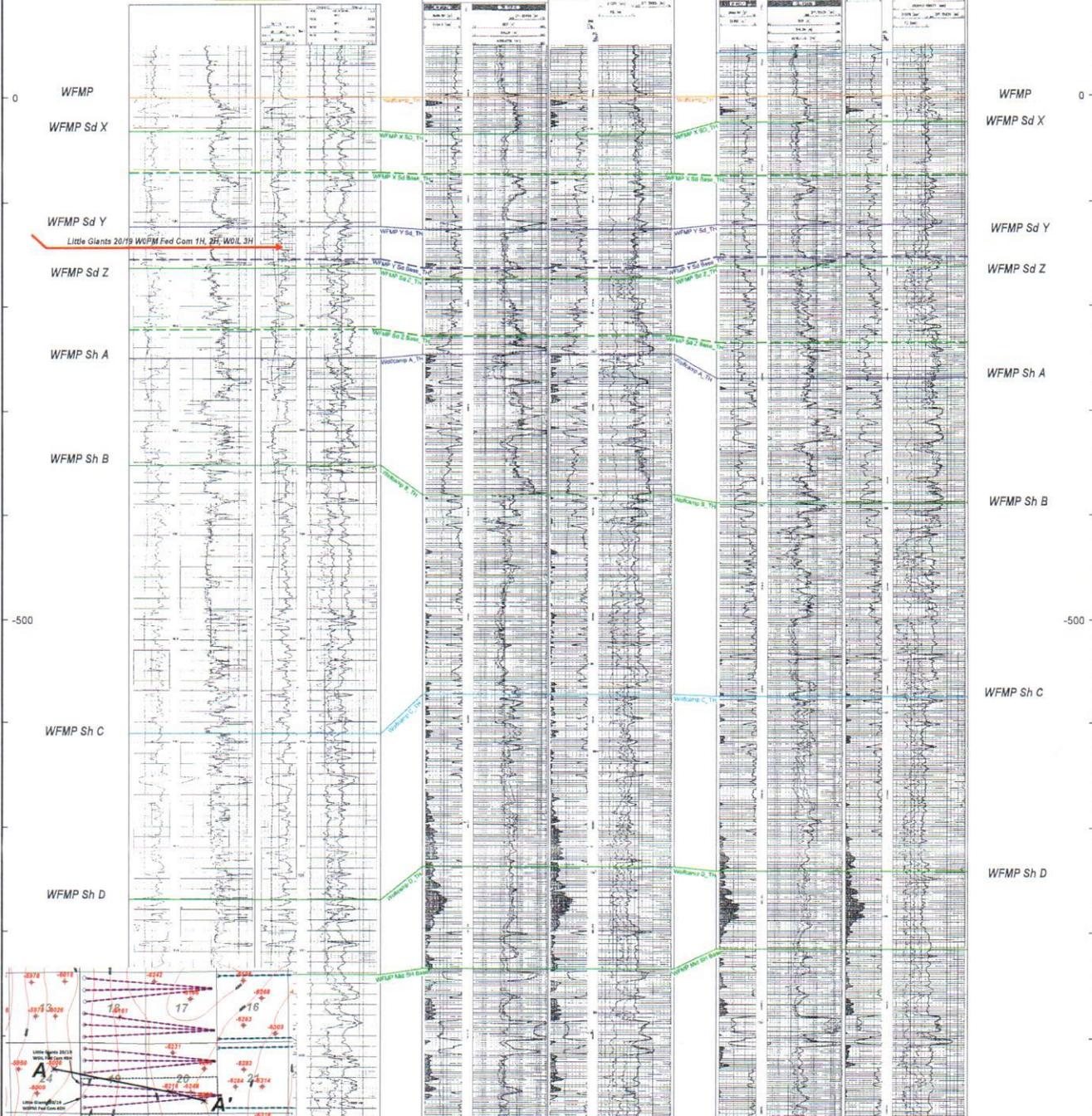
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 MEUBOURNE OIL COMPANY  
 DIVERO 20 FEDERAL 3  
 SW NE SW  
 Datum=2007.00  
 Reference=KS  
 TWP: 22 S - Range: 28 E - Sec: 30

30013333200  
 MEUBOURNE OIL COMPANY  
 DIVERO 20 FEDERAL 1  
 NW SE SE  
 Datum=2002.00  
 Reference=KS  
 TWP: 22 S - Range: 28 E - Sec: 30

24G

20K

20P



-500

-500

100

Little Giants 20/19 W0PM Fed Com 1H  
 Little Giants 20/19 W0PM Fed Com 2H  
 Little Giants 20/19 W0IL Fed Com 3H

MEUBOURNE  
 EXHIBIT 6-B