

**Before the Oil Conservation Division
Examiner Hearing May 2, 2019**

Case No. 20471

Neptune 8 WXY Fee 1H, Neptune 8 WA Fee 3H, Neptune 8 WXY Fee 5H,
Neptune 8 WA Fee 7H, Neptune 8 WD Fee 2H, Neptune 8 WD Fee 4H,
Neptune 8 WD Fee 8H



Exhibit A

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

APPLICATION OF MARATHON OIL PERMIAN LLC
FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

CASE NO. 20471

APPLICATION

Marathon Oil Permian LLC ("Marathon"), OGRID Number 372098, through its undersigned attorneys, hereby makes an application to the Oil Conservation Division pursuant to the provisions of NMSA (1978), Section 70-2-17, for an order pooling all uncommitted mineral interests within a Wolfcamp horizontal spacing unit underlying the W/2 of Section 5, Township 23 South, Range 28 East, NMPM, Eddy County, New Mexico.

In support of this application, Marathon states as follows:

1. Marathon is an interest owner in the subject lands and has a right to drill a well thereon.
2. Marathon seeks to dedicate the W/2 of Section 5, Township 23 South, Range 28 East, NMPM, Eddy County, New Mexico to form a 320-acre, more or less, spacing unit.
3. Marathon plans to drill the **Neptune 8 WXY Fee 1H; Neptune 8 WA Fee 3H; Neptune 8 WXY Fee 5H; Neptune 8 WA Fee 7H; Neptune 8 WD Fee 2H; Neptune 8 WD Fee 4H; Neptune 8 WD Fee 8H** wells to a depth sufficient to test the Wolfcamp formation. These wells will be horizontally drilled.
4. These wells will be located within the Purple Sage Wolfcamp Gas Pool, pool code 98220.



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5. These wells do not comply with the Division's setback requirements for this pool. Marathon will apply for administrative approval of the non-standard well locations separately.

6. Marathon sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Wolfcamp formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.

7. The pooling of all interests in the Wolfcamp formation underlying the proposed unit will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

8. Marathon further requests that it be allowed one (1) year between the time the wells are drilled and completion of the first well under the order issued by the Division.

WHEREFORE, Marathon requests this application be set for hearing before an Examiner of the Oil Conservation Division May 2, 2019, and after notice and hearing as required by law, the Division enter its order:

A. Pooling all mineral interests in the Wolfcamp formation underlying a horizontal spacing unit within the W/2 of Section 5, Township 23 South, Range 28 East, NMPM, Eddy County, New Mexico;

B. Designating Marathon as operator of this unit and the wells to be drilled thereon;

C. Authorizing Marathon to recover its costs of drilling, equipping and completing these wells;

D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure;

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.

F. Allowing a time period of one (1) year between when the wells are drilled and when the first well is completed under the order.

MODRALL, SPERLING, ROEHL, HARRIS
& SISK, P.A.

By: Deana M. Bennett

Deana M. Bennett
Post Office Box 2168
500 Fourth Street NW, Suite 1000
Albuquerque, New Mexico 87103-2168
Telephone: 505.848.1800
Attorneys for Applicant

CASE NO. 20471: Application of Marathon Oil Permian LLC for compulsory pooling, Eddy County, New Mexico. Applicant seeks an order from the Division pooling all uncommitted mineral interests within a Wolfcamp horizontal spacing unit underlying the W/2 of Section 5, Township 23 South, Range 28 East, NMPM, Eddy County, New Mexico. This spacing unit will be dedicated to the Neptune 8 WXY Fee 1H; Neptune 8 WA Fee 3H; Neptune 8 WXY Fee 5H; Neptune 8 WA Fee 7H; Neptune 8 WD Fee 2H; Neptune 8 WD Fee 4H; Neptune 8 WD Fee 8H wells, to be horizontally drilled. The producing area for these wells will be unorthodox. Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Marathon as operator of the wells, and a 200% charge for risk involved in drilling said wells, and allowing a one year period between when the wells are drilled and when the first well is completed. Said area is located approximately 3.5 miles North/Northwest of Loving, New Mexico.

District I
1625 N. French Dr., Hobbs, NM 88240
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District II
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OIL CONSERVATION DIVISION
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Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|----------------------------------|--|---|
| ¹ API Number | ² Pool Code 98220 | ³ Pool Name PULE SAGE; WOLFCAMP (GAS) |
| ⁴ Property Code | ⁵ Property Name NEPTUNE 8 WXY FEE | ⁶ Well Number 1H |
| ⁷ OGRID No. 372098 | ⁸ Operator Name MARATHON OIL PERMIAN LLC | ⁹ Elevation 3030' |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M | 5 | 23S | 28E | | 730 | SOUTH | 1250 | WEST | EDDY |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| C | 5 | 23S | 28E | | 100 | NORTH | 2307 | WEST | EDDY |

| | | | |
|---|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres 319.49 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ Order No. |
|---|-------------------------------|----------------------------------|-------------------------|

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

| | | |
|--|--|--|
| <p>CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 607921.17' / Y: 488131.89' B - X: 610558.92' / Y: 488170.84' C - X: 610491.24' / Y: 482896.00' D - X: 607838.13' / Y: 482873.90'</p> <p>CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 566738.97' / Y: 488072.41' B - X: 569376.69' / Y: 488111.32' C - X: 569308.88' / Y: 482836.62' D - X: 566655.81' / Y: 482814.55'</p> <p>LAST TAKE POINT/BOTTOM HOLE LOCATION 100' FNL 2307' FWL, SECTION 5 NAD 83, SPCS NM EAST X: 610227.55' / Y: 488065.94' LAT: 32.34156739N / LON: 104.11026816W NAD 27, SPCS NM EAST X: 569045.32' / Y: 488006.43' LAT: 32.34144735N / LON: 104.10977050W</p> <p>FIRST TAKE POINT 100' FSL 2322' FWL, SECTION 5 NAD 83, SPCS NM EAST X: 610162.46' / Y: 482993.27' LAT: 32.32762381N / LON: 104.11051308W NAD 27, SPCS NM EAST X: 568980.11' / Y: 482933.88' LAT: 32.32750368N / LON: 104.11001588W</p> <p>KICK OFF POINT 100' FSL 2322' FWL, SECTION 5 NAD 83, SPCS NM EAST X: 610162.46' / Y: 482993.27' LAT: 32.32762381N / LON: 104.11051308W NAD 27, SPCS NM EAST X: 568980.11' / Y: 482933.88' LAT: 32.32750368N / LON: 104.11001588W</p> <p>SURFACE HOLE LOCATION 730' FSL 1250' FWL, SECTION 5 NAD 83, SPCS NM EAST X: 609099.98' / Y: 483614.44' LAT: 32.32933734N / LON: 104.11394870W NAD 27, SPCS NM EAST X: 567917.66' / Y: 483555.05' LAT: 32.32921727N / LON: 104.11345132W</p> | <p>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.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> | |
| | <p>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.</p> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor: _____</p> | <p>PRELIMINARY</p> <p>THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, SALE OR THE BASIS FOR THE ISSUANCE OF A PERMIT.</p> |
| | <p>EXHIBIT</p> <p>2</p> | |
| | <p>SHEET 1 OF 1 JOB No. R3978_001_A REV 0 JCS 4/23/2019</p> | |

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| ¹ API Number | ² Pool Code 98220 | ³ Pool Name PUPLS SAGE; WOLFCAMP (GAS) |
| ⁴ Property Code | ⁵ Property Name NEPTUNE 8 WD FEE | ⁶ Well Number 2H |
| ⁷ OGRID No. 372098 | ⁸ Operator Name MARATHON OIL PERMIAN LLC | ⁹ Elevation 3031' |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M | 5 | 23S | 28E | | 530 | SOUTH | 1220 | WEST | EDDY |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| C | 5 | 23S | 28E | | 100 | NORTH | 2157 | WEST | EDDY |

| | | | |
|---|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres 319.49 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ Order No. |
|---|-------------------------------|----------------------------------|-------------------------|

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

CORNER COORDINATES NAD 83, SPCS NM EAST
A - X: 607921.17' / Y: 488131.89'
B - X: 610558.92' / Y: 488170.84'
C - X: 610491.24' / Y: 482896.00'
D - X: 607838.13' / Y: 482873.90'

CORNER COORDINATES NAD 27, SPCS NM EAST
A - X: 566738.97' / Y: 488072.41'
B - X: 569376.69' / Y: 488111.32'
C - X: 569308.88' / Y: 482836.62'
D - X: 566655.81' / Y: 482814.55'

LAST TAKE POINT/BOTTOM HOLE LOCATION
100' FNL 2157' FWL, SECTION 5
NAD 83, SPCS NM EAST
X: 610077.50' / Y: 488063.72'
LAT: 32.34156216N / LON: 104.11075401W
NAD 27, SPCS NM EAST
X: 568895.28' / Y: 488004.21'
LAT: 32.34144213N / LON: 104.11025633W

FIRST TAKE POINT
100' FSL 2172' FWL, SECTION 5
NAD 83, SPCS NM EAST
X: 610012.43' / Y: 482992.02'
LAT: 32.32762123N / LON: 104.11099880W
NAD 27, SPCS NM EAST
X: 568830.08' / Y: 482932.64'
LAT: 32.32750111N / LON: 104.11050158W

KICK OFF POINT
100' FSL 2172' FWL, SECTION 5
NAD 83, SPCS NM EAST
X: 610012.43' / Y: 482992.02'
LAT: 32.32762123N / LON: 104.11099880W
NAD 27, SPCS NM EAST
X: 568830.08' / Y: 482932.64'
LAT: 32.32750111N / LON: 104.11050158W

SURFACE HOLE LOCATION
530' FSL 1220' FWL, SECTION 5
NAD 83, SPCS NM EAST
X: 609066.81' / Y: 483414.15'
LAT: 32.32878698N / LON: 104.11405741W
NAD 27, SPCS NM EAST
X: 567884.49' / Y: 483354.77'
LAT: 32.32866691N / LON: 104.11356004W

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 _____

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.

Date of Survey _____

Signature and Seal of Professional Surveyor: _____

Certificate Number _____

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|----------------------------------|--|---|
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| ⁴ Property Code | ⁵ Property Name NEPTUNE 8 WA FEE | ⁶ Well Number 3H |
| ⁷ OGRID No. 372098 | ⁸ Operator Name MARATHON OIL PERMIAN LLC | ⁹ Elevation 3030' |

¹⁰ Surface Location

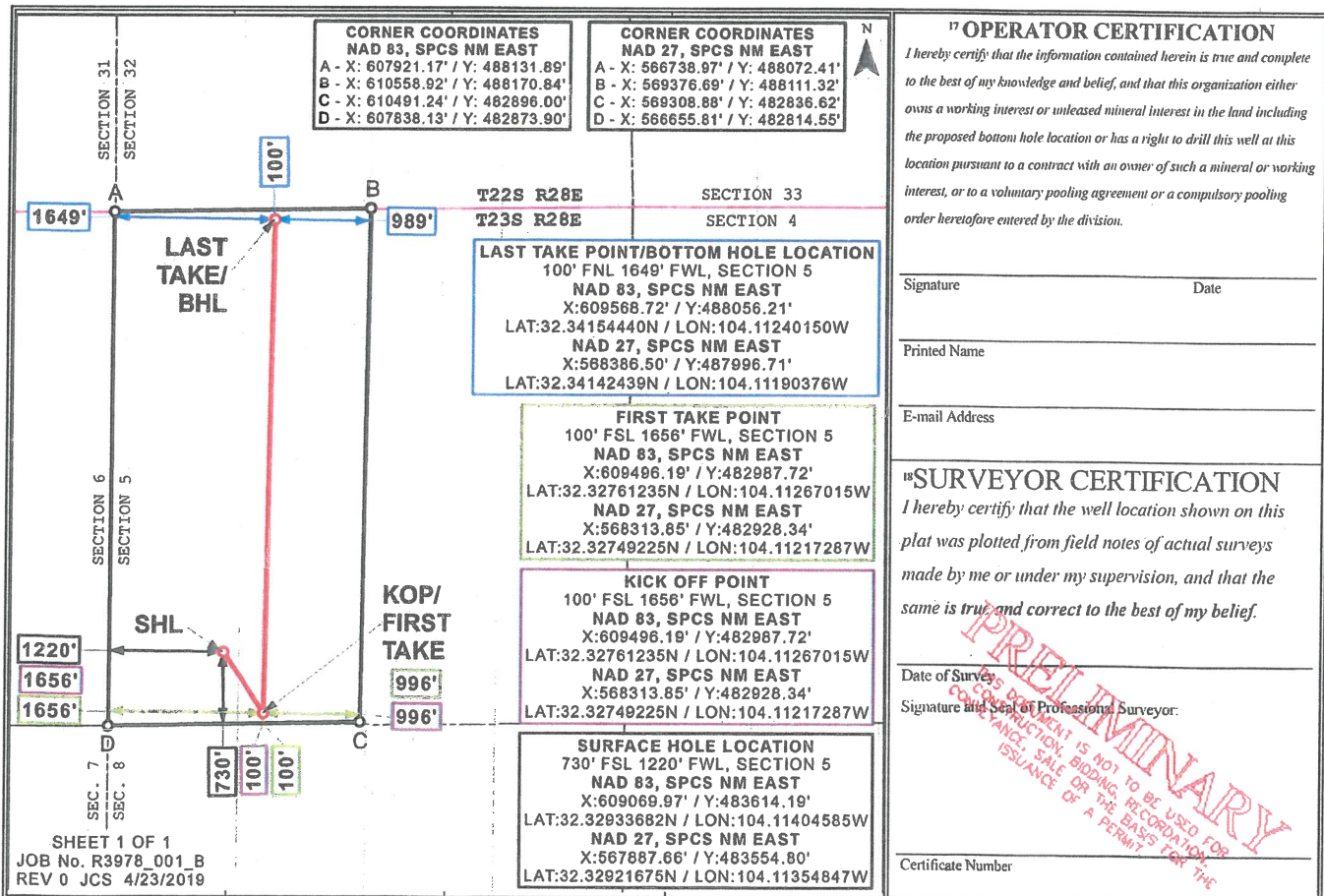
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M | 5 | 23S | 28E | | 730 | SOUTH | 1220 | WEST | EDDY |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| C | 5 | 23S | 28E | | 100 | NORTH | 1649 | WEST | EDDY |

| | | | |
|---|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres 319.49 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ Order No. |
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



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| ⁴ Property Code | ⁵ Property Name NEPTUNE 8 WD FEE | ⁶ Well Number 4H |
| ⁷ OGRID No. 372098 | ⁸ Operator Name MARATHON OIL PERMIAN LLC | ⁹ Elevation 3031' |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M | 5 | 23S | 28E | | 530 | SOUTH | 1190 | WEST | EDDY |

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 |
|---|-------------------------------|----------------------------------|-------------------------|---------|---------------|------------------|---------------|----------------|--------|
| D | 5 | 23S | 28E | | 100 | NORTH | 1254 | WEST | EDDY |
| ¹² Dedicated Acres 319.49 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ Order No. | | | | | | |

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

CORNER COORDINATES NAD 83, SPCS NM EAST
A - X: 607921.17' / Y: 488131.89'
B - X: 610558.92' / Y: 488170.84'
C - X: 610491.24' / Y: 482896.00'
D - X: 607838.13' / Y: 482873.90'

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A - X: 566738.97' / Y: 488072.41'
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C - X: 569308.88' / Y: 482836.62'
D - X: 566655.81' / Y: 482814.55'

LAST TAKE POINT/BOTTOM HOLE LOCATION
100' FNL 1254' FWL, SECTION 5
NAD 83, SPCS NM EAST
X: 609174.04' / Y: 488050.38'
LAT: 32.34153061N / LON: 104.11367949W
NAD 27, SPCS NM EAST
X: 567991.82' / Y: 487990.88'
LAT: 32.34141062N / LON: 104.11318170W

FIRST TAKE POINT
100' FSL 1254' FWL, SECTION 5
NAD 83, SPCS NM EAST
X: 609094.03' / Y: 482984.37'
LAT: 32.32760541N / LON: 104.11397214W
NAD 27, SPCS NM EAST
X: 567911.70' / Y: 482925.00'
LAT: 32.32748533N / LON: 104.11347481W

KICK OFF POINT
100' FSL 1254' FWL, SECTION 5
NAD 83, SPCS NM EAST
X: 609094.03' / Y: 482984.37'
LAT: 32.32760541N / LON: 104.11397214W
NAD 27, SPCS NM EAST
X: 567911.70' / Y: 482925.00'
LAT: 32.32748533N / LON: 104.11347481W

SURFACE HOLE LOCATION
530' FSL 1190' FWL, SECTION 5
NAD 83, SPCS NM EAST
X: 609036.81' / Y: 483413.90'
LAT: 32.32878646N / LON: 104.11415456W
NAD 27, SPCS NM EAST
X: 567854.48' / Y: 483354.52'
LAT: 32.32866639N / LON: 104.11365718W

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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.

Date of Survey _____

Signature and Seal of Professional Surveyor: _____

Certificate Number _____

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WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
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| ¹ API Number | ² Pool Code 98220 | ³ Pool Name PUPLE SAGE; WOLFCAMP (GAS) |
| ⁴ Property Code | ⁵ Property Name NEPTUNE 8 WXY FEE | ⁶ Well Number 5H |
| ⁷ OGRID No. 372098 | ⁸ Operator Name MARATHON OIL PERMIAN LLC | ⁹ Elevation 3030' |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M | 5 | 23S | 28E | | 730 | SOUTH | 1190 | WEST | EDDY |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D | 5 | 23S | 28E | | 100 | NORTH | 989 | WEST | EDDY |

| | | | |
|---|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres 319.49 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ Order No. |
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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Signature _____ Date _____

Printed Name _____

E-mail Address _____

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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.

Date of Survey _____

Signature and Seal of Professional Surveyor: _____

Certificate Number _____

PRELIMINARY

THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, OR ANY OTHER PURPOSE WITHOUT THE ISSUANCE OF A PERMIT.

SHEET 1 OF 1
JOB No. R3978_001_C
REV 0 JCS 4/23/2019

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| ⁴ Property Code | ⁵ Property Name NEPTUNE 8 WA FEE | ⁶ Well Number 7H |
| ⁷ OGRID No. 372098 | ⁸ Operator Name MARATHON OIL PERMIAN LLC | ⁹ Elevation 3030' |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M | 5 | 23S | 28E | | 730 | SOUTH | 1160 | WEST | EDDY |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D | 5 | 23S | 28E | | 100 | NORTH | 330 | WEST | EDDY |

| | | | |
|---|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres 319.49 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ Order No. |
|---|-------------------------------|----------------------------------|-------------------------|

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

CORNER COORDINATES NAD 83, SPCS NM EAST
A - X: 607921.17' / Y: 488131.89'
B - X: 610558.92' / Y: 488170.84'
C - X: 610491.24' / Y: 482896.00'
D - X: 607838.13' / Y: 482873.90'

CORNER COORDINATES NAD 27, SPCS NM EAST
A - X: 566738.97' / Y: 488072.41'
B - X: 569376.69' / Y: 488111.32'
C - X: 569308.88' / Y: 482836.62'
D - X: 566655.81' / Y: 482814.55'

LAST TAKE POINT/BOTTOM HOLE LOCATION
100' FSL 330' FWL, SECTION 5
NAD 83, SPCS NM EAST
X: 608249.71' / Y: 488036.73'
LAT: 32.34149827N / LON: 104.11667253W
NAD 27, SPCS NM EAST
X: 567067.51' / Y: 487977.24'
LAT: 32.34137832N / LON: 104.11617464W

FIRST TAKE POINT
100' FSL 330' FWL, SECTION 5
NAD 83, SPCS NM EAST
X: 608169.79' / Y: 482976.67'
LAT: 32.32758941N / LON: 104.11696438W
NAD 27, SPCS NM EAST
X: 566987.47' / Y: 482917.31'
LAT: 32.32746937N / LON: 104.11646695W

KICK OFF POINT
100' FSL 330' FWL, SECTION 5
NAD 83, SPCS NM EAST
X: 608169.79' / Y: 482976.67'
LAT: 32.32758941N / LON: 104.11696438W
NAD 27, SPCS NM EAST
X: 566987.47' / Y: 482917.31'
LAT: 32.32746937N / LON: 104.11646695W

SURFACE HOLE LOCATION
730' FSL 1160' FWL, SECTION 5
NAD 83, SPCS NM EAST
X: 609009.96' / Y: 483613.69'
LAT: 32.32933579N / LON: 104.11424016W
NAD 27, SPCS NM EAST
X: 567827.64' / Y: 483554.30'
LAT: 32.32921572N / LON: 104.11374276W

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 _____

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.

Date of Survey _____

Signature and Seal of Professional Surveyor: _____

Certificate Number _____

PRELIMINARY

THIS DOCUMENT IS NOT TO BE USED FOR CONVEYANCE, BIDDING, RECORDATION, OR ANY OTHER PURPOSE WITHOUT THE ISSUANCE OF A PERMIT.

SHEET 1 OF 1
JOB No. R3978_001_D
REV 0 JCS 4/23/2019

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 98220 | ³ Pool Name PUPLS SAGE; WOLFCAMP (GAS) |
| ⁴ Property Code | ⁵ Property Name NEPTUNE 8 WD FEE | ⁶ Well Number 8H |
| ⁷ OGRID No. 372098 | ⁸ Operator Name MARATHON OIL PERMIAN LLC | ⁹ Elevation 3031' |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M | 5 | 23S | 28E | | 530 | SOUTH | 1160 | WEST | EDDY |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D | 5 | 23S | 28E | | 100 | NORTH | 330 | WEST | EDDY |

| | | | |
|---|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres 319.49 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ Order No. |
|---|-------------------------------|----------------------------------|-------------------------|

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

CORNER COORDINATES NAD 83, SPCS NM EAST
A - X: 607921.17' / Y: 488131.89'
B - X: 610558.92' / Y: 488170.84'
C - X: 610491.24' / Y: 482896.00'
D - X: 607838.13' / Y: 482873.90'

CORNER COORDINATES NAD 27, SPCS NM EAST
A - X: 566738.97' / Y: 488072.41'
B - X: 569376.69' / Y: 488111.32'
C - X: 569308.88' / Y: 482836.62'
D - X: 566655.81' / Y: 482814.55'

LAST TAKE POINT/BOTTOM HOLE LOCATION
100' FSL 330' FWL, SECTION 5
NAD 83, SPCS NM EAST
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X: 567067.51' / Y: 487977.24'
LAT: 32.34137832N / LON: 104.11617464W

FIRST TAKE POINT
100' FSL 330' FWL, SECTION 5
NAD 83, SPCS NM EAST
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LAT: 32.32758941N / LON: 104.11696438W
NAD 27, SPCS NM EAST
X: 566987.47' / Y: 482917.31'
LAT: 32.32746937N / LON: 104.11646695W

KICK OFF POINT
100' FSL 330' FWL, SECTION 5
NAD 83, SPCS NM EAST
X: 608169.79' / Y: 482976.67'
LAT: 32.32758941N / LON: 104.11696438W
NAD 27, SPCS NM EAST
X: 566987.47' / Y: 482917.31'
LAT: 32.32746937N / LON: 104.11646695W

SURFACE HOLE LOCATION
530' FSL 1160' FWL, SECTION 5
NAD 83, SPCS NM EAST
X: 609006.80' / Y: 483413.65'
LAT: 32.32878594N / LON: 104.11425171W
NAD 27, SPCS NM EAST
X: 567824.48' / Y: 483354.27'
LAT: 32.32866588N / LON: 104.11375433W

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 released 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 _____

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.

Date of Survey _____
Signature and Seal of Professional Surveyor: _____

Certificate Number _____

PRELIMINARY

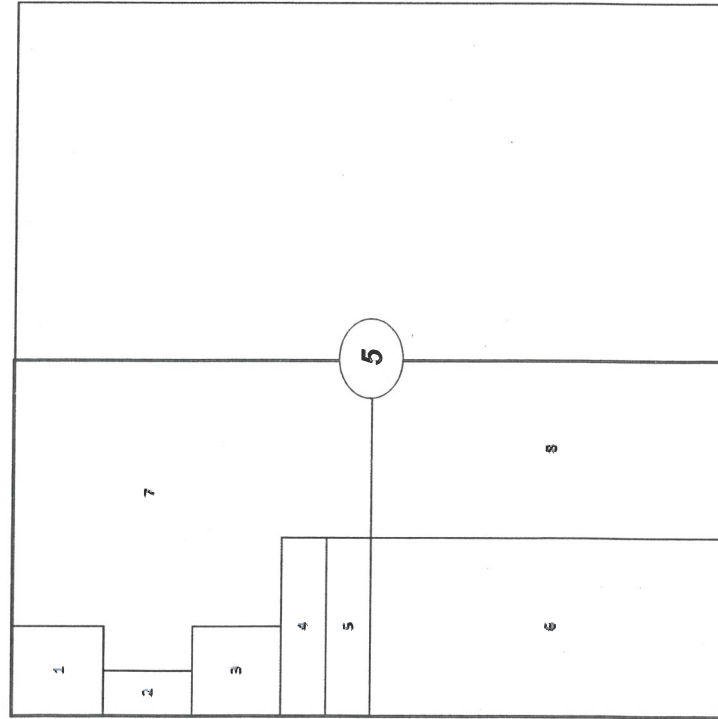
THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, OR ANY OTHER PURPOSE WITHOUT THE ISSUANCE OF A PERMIT.

SHEET 1 OF 1
JOB No. R3978_002_C
REV 0 JCS 4/23/2019

Lease Tract Map

Neptune 8 WXY Fee 1H, Neptune 8 WA Fee 3H, Neptune 8 WXY Fee 5H,
Neptune 8 WA Fee 7H
W/2 of Section 5, T23S-R28E-320 acres -- Above 10,000'

T23S - R28E, Eddy County, New Mexico



- Tract 1: Fee Acreage
- Tract 2: Fee Acreage
- Tract 3: Fee Acreage
- Tract 4: Fee Acreage
- Tract 5: Fee Acreage
- Tract 6: Fee Acreage
- Tract 7: Fee Acreage
- Tract 8: Fee Acreage



Summary of Interests

Neptune 8 WXY Fee 1H, Neptune 8 WA Fee 3H, Neptune 8 WXY Fee 5H,
Neptune 8 WA Fee 7H

W/2 of Section 5, T23S-R28E- 320 acres - Above 10,000'

Committed Working Interest:
Marathon Oil Permian LLC

51.800036%
51.800036%

Uncommitted Working Interest:

OXY USA WTP Limited Partnership
Blakemore Family Limited
DSD Energy Resources, LLC
Sisbro Oil & Gas, LLC
Norman L. Stevens Jr. Irrevocable Trust
Mizel Resources, A Trust
Norma J. Chanley

45.872495%
25.032856%
12.516428%
3.754928%
2.342982%
1.251643%
0.585747%
0.387911%

Unleased Mineral Interest:

Spear Brothers Sheep & Cattle Company, LLC

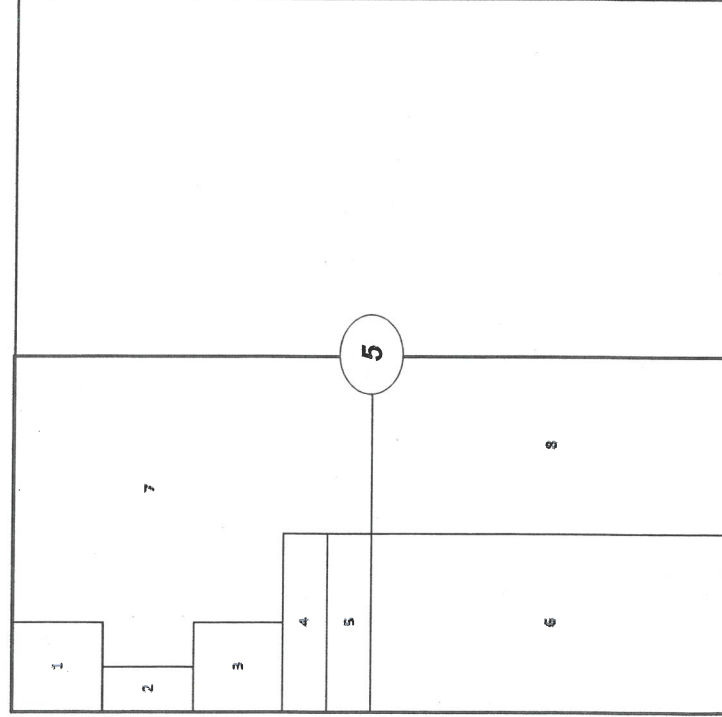
2.327469%
2.327469%



Lease Tract Map

Neptune 8 WD Fee 2H, Neptune 8 WD Fee 4H, Neptune 8 WD Fee 8H
W/2 of Section 5, T23S-R28E- 320 acres – Below 10,000'

T23S - R28E, Eddy County, New Mexico



- Tract 1: Fee Acreage
- Tract 2: Fee Acreage
- Tract 3: Fee Acreage
- Tract 4: Fee Acreage
- Tract 5: Fee Acreage
- Tract 6: Fee Acreage
- Tract 7: Fee Acreage
- Tract 8: Fee Acreage

Summary of Interests

Neptune 8 WD Fee 2H, Neptune 8 WD Fee 4H, Neptune 8 WD Fee 8H
W/2 of Section 5, T23S-R28E- 320 acres - Below 10,000'

Committed Working Interest:
Marathon Oil Permian LLC

55.301946%
55.301946%

Uncommitted Working Interest:
OXY USA WTP Limited Partnership
Blakemore Family Limited
Sisbro Oil & Gas, LLC
Norman L. Stevens Jr. Irrevocable Trust
Mizel Resources, A Trust
Norma J. Chanley

42.370585%
25.032856%
12.516428%
2.545397%
1.251643%
0.636350%
0.387911%

Unleased Mineral Interest:
Spear Brothers Sheep & Cattle Company, LLC

2.327469%
2.327469%



Jeffrey Broussard
Landman



Marathon Oil Permian LLC
5555 San Felipe Street
Houston, Texas 77056
Telephone: 713-296-3159
jbroussard1@marathonoil.com

February 25, 2019

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED
7017 2680 0000 3163 1160

OXY USA WTP, LTD
5 Greenway Plaza, Suite 110
Houston, Texas 77046

Re: Neptune 1H, 2H, 3H, 4H, 5H, 7H, 8H Well Proposals
W/2 of Section 5, Township 23 South, Range 28 East
Eddy County, New Mexico

Dear OXY USA WTP, LTD:

Marathon Oil Permian LLC ("Marathon") proposes the drilling of the following wells located in Section 5, 23S-28E, Eddy, New Mexico, all to be drilled from two surface pad locations.

| Pad | Well Name | SHL | BHL | Proration Unit | Target TVD | Est. MD |
|-----|----------------------|----------------------|----------------------|----------------|---------------|---------|
| 1 | Neptune 8 WXY Fee 1H | 1250' FWL & 730' FSL | 2310' FWL & 100' FNL | W/2 of Sec. 5 | 9,407' | 14,826' |
| 1 | Neptune 8 WA Fee 3H | 1220' FWL & 730' FSL | 1640' FWL & 100' FNL | W/2 of Sec. 5 | 9,524' | 14,890' |
| 1 | Neptune 8 WXY Fee 5H | 1190' FWL & 730' FSL | 990' FWL & 100' FNL | W/2 of Sec. 5 | 9,400' | 14,755' |
| 1 | Neptune 8 WA Fee 7H | 1160' FWL & 730' FSL | 330' FWL & 100' FNL | W/2 of Sec. 5 | 9,514' | 14,900' |
| 2 | Neptune 8 WD Fee 2H | 1250' FWL & 530' FSL | 2178' FWL & 100' FNL | W/2 of Sec. 5 | 10,206' | 15,594' |
| 2 | Neptune 8 WD Fee 4H | 1220' FWL & 530' FSL | 1254' FWL & 100' FNL | W/2 of Sec. 5 | 9,988' | 15,330' |
| 2 | Neptune 8 WD Fee 8H | 1190' FWL & 530' FSL | 330' FWL & 100' FNL | W/2 of Sec. 5 | 10,206' | 15,580' |

These proposed locations and target depths are subject to change depending on any surface or subsurface concerns encountered. The AFEs represent an estimate of the costs that will be incurred to drill and complete the wells, but those electing to participate in the wells are responsible for their proportionate share of the actual costs incurred.

Marathon proposes drilling the wells under the terms of the 1989 AAPL JOA. Enclosed is a draft of the JOA covering the contract area. The JOA has the following general provisions:

- 100%/300%/300% non-consent penalty
- \$7,000/\$700 drilling and producing rates
- Contract area of W/2 of Section 5, 23S-28E, covering the depths from the top of the Wolfcamp formation to the base the Wolfcamp formation



If your election is to participate in the drilling and completion of the wells, please sign and return a copy of this letter along with the enclosed AFE within thirty (30) days of receipt of this proposal.

If you do not wish to participate, Marathon proposes to acquire your interest via term assignment at the following terms:

-
-
-

This term assignment offer terminates on March 25, 2019 and is subject to due diligence and title verification satisfactory to Marathon.

Should you have any questions regarding this or other matters, please do not hesitate to contact me at the above listed phone number or email.

Sincerely,



Jeffrey Broussard
Marathon Oil Permian LLC

_____ OXY USA WTP, LTD elects to participate in the drilling, completing, and equipping of the Neptune 8 WXY Fee 1H.

_____ OXY USA WTP, LTD elects NOT to participate in the drilling, completing, and equipping of the Neptune 8 WXY Fee 1H.

_____ OXY USA WTP, LTD elects to participate in the drilling, completing, and equipping of the Neptune 8 WD Fee 2H.

_____ OXY USA WTP, LTD elects NOT to participate in the drilling, completing, and equipping of the Neptune 8 WD Fee 2H.

_____ OXY USA WTP, LTD elects to participate in the drilling, completing, and equipping of the Neptune 8 WA Fee 3H.

_____ OXY USA WTP, LTD elects NOT to participate in the drilling, completing, and equipping of the Neptune 8 WA Fee 3H.

_____ OXY USA WTP, LTD elects to participate in the drilling, completing, and equipping of the Neptune 8 WD Fee 4H.

_____ OXY USA WTP, LTD elects NOT to participate in the drilling, completing, and equipping of the Neptune 8 WD Fee 4H.

_____ OXY USA WTP, LTD elects to participate in the drilling, completing, and equipping of the Neptune 8 WXY Fee 5H.

_____ OXY USA WTP, LTD elects NOT to participate in the drilling, completing, and equipping of the Neptune 8 WXY Fee 5H.

_____ OXY USA WTP, LTD elects to participate in the drilling, completing, and equipping of the Neptune 8 WA Fee 7H.

_____ OXY USA WTP, LTD elects NOT to participate in the drilling, completing, and equipping of Neptune 8 WA Fee 7H.

_____ OXY USA WTP, LTD elects to participate in the drilling, completing, and equipping of the Neptune 8 WD Fee 8H.

_____ OXY USA WTP, LTD elects NOT to participate in the drilling, completing, and equipping of the Neptune 8 WD Fee 8H.

OXY USA WTP, LTD

By: _____

Print Name: _____

Title: _____

Date: _____

MARATHON OIL PERMIAN LLC
 AUTHORITY FOR EXPENDITURE
 DETAIL OF ESTIMATED WELL COSTS

DATE 12/12/2018
 DRILLING & LOCATION PREPARED BY MATTHEW RUGAARD
 COMPLETION PREPARED BY JOSH SHANNON
 FACILITIES PREPARED BY MATT HENSCHEN
 ARTIFICIAL LIFT PREPARED BY BILLY MOORE/MATT H

| | | | | |
|----------------|----------------------|------------------------|----------------|--------------|
| Asset Team | PERMIAN | | | |
| Field | PURPLE SAGE/WOL | FORMATION: WOLFCAMP XY | WILDCAT | EXPLORATION |
| Lease/Facility | Negtime 8 WXY Fee 1H | | DEVELOPMENT | RECOMPLETION |
| Location | EDDY COUNTY | | X EXPLOITATION | WORKOVER |
| Prospect | MALAGA | | | |

| | | | | | |
|-----------------|---------------|-------------------|--|---------------------|------------|
| Est Total Depth | <u>14,826</u> | Est Drilling Days | | Est Completion Days | <u>5.5</u> |
|-----------------|---------------|-------------------|--|---------------------|------------|

LOCATION COST - INTANGIBLE

| GL CODE | DESCRIPTION | ESTIMATED COST |
|----------------------------------|-------------------------------|----------------|
| 7001270 | Location and Access | 37,500 |
| 7001250 | Land Broker Fees and Services | 33,750 |
| TOTAL LOCATION COST - INTANGIBLE | | 71,250 |

DRILLING COST - TANGIBLE

| | | |
|---------------------------|---|---------|
| 7012050 | Conductor Pipe | 28,000 |
| 7012050 | Surface Casing | 16,000 |
| 7012050 | Intermediate Casing 1 | 55,000 |
| 7012050 | Intermediate Casing 2 | 231,000 |
| 7012050 | Production Casing | 72,000 |
| 7012050 | Drig Liner Hanger, Tieback Eq & Csg Accessories | 55,000 |
| 7012550 | Drilling Wellhead Equipment | 50,000 |
| 7012040 | Casing & Tubing Access | 24,000 |
| 7012270 | Miscellaneous MRO Materials | 5,000 |
| TOTAL DRILLING - TANGIBLE | | 536,000 |

DRILLING COST - INTANGIBLE

| | | |
|-----------------------------|--|-------------|
| 7019200 | Drilling Rig Mob/Demob | 32,500 |
| 7019220 | Drilling Rig - day work/footage | 455,650 |
| 7019040 | Directional Drilling Services | 149,000 |
| 7019020 | Cement and Cementing Service Surface | 15,000 |
| 7019020 | Cement and Cementing Service Intermediate 1 | 25,000 |
| 7019020 | Cement and Cementing Service Intermediate 2 | 40,000 |
| 7019020 | Cement and Cementing Service Production | 55,000 |
| 7019140 | Mud Fluids & Services | 61,400 |
| 7012310 | Solids Control equipment | 31,000 |
| 7012020 | Bits | 70,000 |
| 7019010 | Casing Crew and Services | 30,000 |
| 7016350 | Fuel (Rig) | 54,000 |
| 7019140 | Fuel (Mud) | 18,000 |
| 7001460 | Water (non potable) | 25,000 |
| 7012350 | Water (potable) | 5,000 |
| 7019000 | Well Logging Services | - |
| 7019150 | Mud Logging-geosteering | 13,000 |
| 7019250 | Stabilizers, Hole Openers, Underreamers (DH rentals) | 15,000 |
| 7019110 | Casing Inspection/cleaning | 15,000 |
| 7019110 | Drill pipe/collar inspection services | 10,000 |
| 7016180 | Freight - truck | 25,000 |
| 7001460 | Water hauling and disposal (includes soil farming) | 60,000 |
| 7001160 | Contract Services - Disposal/Non-Hazardous Waste | 80,000 |
| 7001440 | Vacuum Trucks | 10,000 |
| 7000030 | Contract Labor - general | 30,000 |
| 7000030 | Contract Labor - Operations | 3,000 |
| 7001200 | Contract Services - Facilities | 10,000 |
| 7019300 | Well Services - Well Control Services | 18,763 |
| 7019350 | Well Services - Well/Wellhead Services | 10,000 |
| 7018150 | Rental Tools and Equipment (surface rentals) | 70,100 |
| 7018150 | Rig Equipment and Misc. | 8,763 |
| 7001110 | Telecommunications Services | 5,000 |
| 7001120 | Consulting Services | 82,368 |
| 7001400 | Safety and Environmental | 28,040 |
| 7018120 | Rental Buildings (trailers) | 14,020 |
| 7019310 | Coring (sidewalls & analysis) | - |
| 7011010 | 7% Contingency & Taxes | 147,742 |
| TOTAL DRILLING - INTANGIBLE | | \$1,722,345 |

TOTAL DRILLING COST

\$2,258,345

COMPLETION - TANGIBLE

| | | |
|-----------------------------|---|----------|
| 7012580 | Tubing | - |
| 7012040 | Tubing Accessories (nipple, wireline entry) | - |
| 7012550 | Wellhead Equip | 15,000 |
| 7012560 | Packers - Completion Equipment | - |
| TOTAL COMPLETION - TANGIBLE | | \$15,000 |



MARATHON OIL PERMIAN LLC
 AUTHORITY FOR EXPENDITURE
 DETAIL OF ESTIMATED WELL COSTS

DATE 12/12/2018

Asset Team PERMIAN
 Field PURPLE SAGE;WOL FORMATION: WOLFCAMP XY
 Lease/Facility Neptune 8 WXY Fee 1H

COMPLETION - INTANGIBLE

| GL CODE | DESCRIPTION | ESTIMATED COST |
|-------------------------------|--|----------------|
| 7001270 | Location and Access (dress location after rig move, set anchors) | 10,000 |
| 7019220 | Drilling Rig During Completion | - |
| 7019140 | Mud Fluids & Services | - |
| 7019030 | Coiled Tubing Services (3 runs) | 210,000 |
| 7019240 | Snubbing Services | - |
| 7019270 | Pulling/Swab Units | - |
| 7016350 | Fuel (from drlg) | - |
| 7019010 | Casing Crew and Services | - |
| 7019020 | Cement and Cementing Services | - |
| 7019080 | Well Testing Services (flow hand & equip) | 315,000 |
| 7019320 | Fracturing Services | 1,960,000 |
| 7019330 | Perforating | 175,000 |
| 7019360 | Wireline Services | 15,000 |
| 7001460 | Water Hauling & Disposal (frac fluids) | 147,000 |
| 7016180 | Freight - Truck (haul pipe; drlg & compl) | 15,000 |
| 7018150 | BOP Rental & Testing | - |
| 7018150 | Rental Tools and Equipment (Incl drlg; lightplant,hydra-walk) | - |
| 7018150 | CT Downhole Rental Equipment (ie. Bht, BHA) | - |
| 7000030 | Contract Labor - general | 35,000 |
| 7001110 | Telecommunications Services | 90,000 |
| 7001400 | Safety and Environmental | - |
| 7001120 | Consulting Services | 60,000 |
| 7018150 | Zipper Manifold | 150,000 |
| 7019300 | Frac Stack Rentals | 45,000 |
| 7016190 | Freight (Transportation Services) | - |
| 7018150 | Equipment Rental / w/o operator, frac tanks, lightplants) | 135,000 |
| 7018120 | Rental Buildings (trailers) | 15,000 |
| 7000030 | Contract Labor - Pumping (pump-down pumps) | 30,000 |
| 7011010 | 8% Contingency & Taxes | 234,800 |
| TOTAL COMPLETION - INTANGIBLE | | \$3,641,800 |

TOTAL COMPLETION COST

\$3,656,800

SURFACE EQUIPMENT - TANGIBLE

| | | |
|------------------------------------|--|-----------|
| 7012350 | Misc. Piping, Fittings & Valves | 85,795 |
| 7006640 | Company Labor & Burden | - |
| 7000030 | Contract Labor - General | 74,150 |
| 7001110 | Telecommunication equip (Telemetry) | - |
| 7012410 | Line Pipe & Accessories | 27,950 |
| 7012270 | Miscellaneous Materials (containment system) | 43,230 |
| 7008060 | SCADA | - |
| 7016180 | Freight - truck | - |
| 7001190 | Contract Engineering | 29,115 |
| 7012290 | Metering and Instrumentation | 237,080 |
| 7012290 | I&E Materials | - |
| 7012200 | Gas Treating | - |
| 7012200 | Dehydration | - |
| 7012010 | Compressor | - |
| 7012350 | Power | - |
| 7012610 | Vapor Recovery Unit | - |
| 7012440 | Separator & other pressure vessels | 67,350 |
| 7012500 | Tanks | 193,450 |
| 7012100 | Heater Treater | 17,560 |
| 7012640 | Flare & Accessories | 11,645 |
| 7000010 | Electrical Labor | 29,115 |
| 7000010 | Mechanical Labor | - |
| 7012480 | Rod Pumping unit & Pad | - |
| 7012180 | Pumping Unit Engine | - |
| 7012350 | Electrical Power (electrical cooperative construction costs) | 23,290 |
| TOTAL SURFACE EQUIPMENT - TANGIBLE | | \$839,730 |

TOTAL SURFACE EQUIPMENT COST

\$ 839,730

ARTIFICIAL LIFT

| | | |
|-----------------------|---|---------|
| 7012580 | Tubing | 50,000 |
| 7012040 | Tubing Accessories (nipple, wireline entry) | 5,000 |
| 7012550 | Wellhead Equip | 5,000 |
| 7012560 | Packers - Completion Equipment | 5,000 |
| 7006640 | Company Labor | 6,000 |
| 7012180 | Gas Lift Equipment | 23,000 |
| 7012480 | Rod Pumping, Sucker Rods & Rod Pump | - |
| 7012140 | Elect Sub Pumps (ESP) | - |
| 7019350 | Well Services-Well/Wellhead Services | 42,500 |
| 7012270 | Materials & Supplies-Tangible | 25,000 |
| 7012550 | Surface Wellhead Equipment | 3,000 |
| 7012390 | Pig Launchers/Receivers & Rel Equip | - |
| 7011010 | Contingency & Taxes | 5,000 |
| TOTAL ARTIFICIAL LIFT | | 169,500 |

TOTAL ARTIFICIAL LIFT COST

\$ 169,500

SUMMARY OF ESTIMATED DRILLING WELL COSTS

TOTAL COST

| | |
|------------------------------|--------------|
| TOTAL LOCATION COST | \$ 71,250 |
| TOTAL DRILLING COST | \$ 2,258,345 |
| TOTAL COMPLETIONS COST | \$ 3,656,800 |
| TOTAL SURFACE EQUIPMENT COST | \$ 839,730 |
| TOTAL ARTIFICIAL LIFT COST | \$ 169,500 |

GRAND TOTAL COST

\$6,995,625

MARATHON OIL PERMIAN LLC
AUTHORITY FOR EXPENDITURE
DETAIL OF ESTIMATED WELL COSTS

DATE 12/12/2018
DRILLING & LOCATION PREPARED BY MATTHEW RUGAARD
COMPLETION PREPARED BY JOSH SHANNON
FACILITIES PREPARED BY MATT HENSCHEN
ARTIFICIAL LIFT PREPARED BY BILLY MOORE/MATT HI

| | | | | |
|----------------|---------------------|-----------------------|----------------|--------------|
| Asset Team | PERMIAN | | | |
| Field | PURPLE SAGE;WOL | FORMATION: WOLFCAMP D | WILDCAT | EXPLORATION |
| Lease/Facility | Neptune 8 WD Fee 2H | | DEVELOPMENT | RECOMPLETION |
| Location | EDDY COUNTY | | X EXPLOITATION | WORKOVER |
| Prospect | MALAGA | | | |

| | | | | | |
|-----------------|--------|-------------------|--|---------------------|-----|
| Est Total Depth | 15,594 | Est Drilling Days | | Est Completion Days | 5.5 |
|-----------------|--------|-------------------|--|---------------------|-----|

LOCATION COST - INTANGIBLE

| GL CODE | DESCRIPTION | ESTIMATED COST |
|----------------------------------|-------------------------------|----------------|
| 7001270 | Location and Access | 50,000 |
| 7001250 | Land Broker Fees and Services | 45,000 |
| TOTAL LOCATION COST - INTANGIBLE | | 95,000 |

DRILLING COST - TANGIBLE

| | | |
|---------------------------|---|---------|
| 7012050 | Conductor Pipe | 28,000 |
| 7012050 | Surface Casing | 16,000 |
| 7012050 | Intermediate Casing 1 | 55,000 |
| 7012050 | Intermediate Casing 2 | 231,000 |
| 7012050 | Production Casing | 72,000 |
| 7012050 | Drig Liner Hanger, Tieback Eq & Csg Accessories | 55,000 |
| 7012550 | Drilling Wellhead Equipment | 50,000 |
| 7012040 | Casing & Tubing Access | 24,000 |
| 7012270 | Miscellaneous MRO Materials | 5,000 |
| TOTAL DRILLING - TANGIBLE | | 536,000 |

DRILLING COST - INTANGIBLE

| | | |
|-----------------------------|--|-------------|
| 7019200 | Drilling Rig Mob/Demob | 43,333 |
| 7019220 | Drilling Rig - day work/footage | 489,667 |
| 7019040 | Directional Drilling Services | 160,000 |
| 7019020 | Cement and Cementing Service Surface | 15,000 |
| 7019020 | Cement and Cementing Service Intermediate 1 | 25,000 |
| 7019020 | Cement and Cementing Service Intermediate 2 | 40,000 |
| 7019020 | Cement and Cementing Service Production | 45,000 |
| 7019140 | Mud Fluids & Services | 62,500 |
| 7012310 | Solids Control equipment | 33,000 |
| 7012020 | Bits | 70,000 |
| 7019010 | Casing Crew and Services | 30,000 |
| 7016350 | Fuel (Rig) | 58,000 |
| 7019140 | Fuel (Mud) | 18,000 |
| 7001460 | Water (non potable) | 25,000 |
| 7012350 | Water (potable) | 5,000 |
| 7019000 | Well Logging Services | - |
| 7019150 | Mud Logging+geosteering | 15,000 |
| 7019250 | Stabilizers, Hole Openers, Underreamers (DH rentals) | 15,000 |
| 7019110 | Casing Inspection/cleaning | 15,000 |
| 7019110 | Drill pipe/collar inspection services | 10,000 |
| 7016180 | Freight - truck | 25,000 |
| 7001460 | Water hauling and disposal (includes soil farming) | 60,000 |
| 7001160 | Contract Services - Disposal/Non-Hazardous Waste | 80,000 |
| 7001440 | Vacuum Trucks | 10,000 |
| 7000030 | Contract Labor - general | 30,000 |
| 7000030 | Contract Labor - Operations | 3,000 |
| 7001200 | Contract Services - Facilities | 10,000 |
| 7019300 | Well Services - Well Control Services | 19,417 |
| 7019350 | Well Services - Well/Wellhead Services | 10,000 |
| 7018150 | Rental Tools and Equipment (surface rentals) | 75,333 |
| 7018150 | Rig Equipment and Misc. | 9,417 |
| 7001110 | Telecommunications Services | 5,000 |
| 7001120 | Consulting Services | 88,517 |
| 7001400 | Safety and Environmental | 30,133 |
| 7018120 | Rental Buildings,(trailers) | 15,067 |
| 7019310 | Coring (sidewalls & analysis) | - |
| 7011010 | 7% Contingency & Taxes | 152,697 |
| TOTAL DRILLING - INTANGIBLE | | \$1,798,080 |

| | |
|---------------------|-------------|
| TOTAL DRILLING COST | \$2,334,080 |
|---------------------|-------------|

COMPLETION - TANGIBLE

| | | |
|-----------------------------|---|----------|
| 7012580 | Tubing | - |
| 7012040 | Tubing Accessories (nipple, wireline entry) | - |
| 7012550 | Wellhead Equip | 15,000 |
| 7012560 | Packers - Completion Equipment | - |
| TOTAL COMPLETION - TANGIBLE | | \$15,000 |

MARATHON OIL PERMIAN LLC
AUTHORITY FOR EXPENDITURE
DETAIL OF ESTIMATED WELL COSTS

DATE 12/12/2018

Asset Team PERMIAN
Field PURPLE SAGE/WOL FORMATION: WOLFCAMP D
Lease/Facility Neptune 8 WD Fee 2H

COMPLETION - INTANGIBLE

| GL CODE | DESCRIPTION | ESTIMATED COST |
|-------------------------------|--|----------------|
| 7001270 | Location and Access (dress location after rig move, set anchors) | 10,000 |
| 7019220 | Drilling Rig During Completion | - |
| 7019140 | Mud Fluids & Services | - |
| 7019030 | Coiled Tubing Services (3 runs) | 210,000 |
| 7019240 | Snubbing Services | - |
| 7019270 | Pulling/Swab Units | - |
| 7016350 | Fuel (from drlg) | - |
| 7019010 | Casing Crew and Services | - |
| 7019020 | Cement and Cementing Services | - |
| 7019080 | Well Testing Services (flow hand & equip) | 315,000 |
| 7019320 | Fracturing Services | 2,275,000 |
| 7019330 | Perforating | 175,000 |
| 7019360 | Wireline Services | 15,000 |
| 7001460 | Water Hauling & Disposal (frac fluids) | 155,000 |
| 7016180 | Freight - Truck (haul pipe; drlg & compl) | 15,000 |
| 7018150 | BOP Rental & Testing | - |
| 7018150 | Rental Tools and Equipment (Incl drlg; lightplant,hydra-walk) | - |
| 7018150 | CT Downhole Rental Equipment (ie. Bit, BHA) | - |
| 7000030 | Contract Labor - general | 35,000 |
| 7001110 | Telecommunications Services | 90,000 |
| 7001400 | Safety and Environmental | - |
| 7001120 | Consulting Services | 60,000 |
| 7018150 | Zipper Manifold | 150,000 |
| 7019300 | Frac Stack Rentals | 45,000 |
| 7016190 | Freight (Transportation Services) | - |
| 7018150 | Equipment Rental (w/o operator, frac tanks, lightplants) | 135,000 |
| 7018120 | Rental Buildings (trailers) | 15,000 |
| 7000030 | Contract Labor - Pumping (pump-down pumps) | 30,000 |
| 7011010 | 8% Contingency & Taxes | 260,000 |
| TOTAL COMPLETION - INTANGIBLE | | \$3,990,000 |

TOTAL COMPLETION COST

\$4,005,000

SURFACE EQUIPMENT - TANGIBLE

| | | |
|------------------------------------|--|-----------|
| 7012350 | Misc. Piping, Fittings & Valves | 85,795 |
| 7006640 | Company Labor & Burden | - |
| 7000030 | Contract Labor - General | 74,150 |
| 7001110 | Telecommunication equip (Telemetry) | - |
| 7012410 | Line Pipe & Accessories | 27,950 |
| 7012270 | Miscellaneous Materials (containment system) | 43,230 |
| 7008060 | SCADA | - |
| 7016180 | Freight - truck | - |
| 7001190 | Contract Engineering | 29,115 |
| 7012290 | Metering and Instrumentation | 237,080 |
| 7012290 | I&E Materials | - |
| 7012200 | Gas Treating | - |
| 7012200 | Dehydration | - |
| 7012010 | Compressor | - |
| 7012350 | Power | - |
| 7012610 | Vapor Recovery Unit | - |
| 7012440 | Separator & other pressure vessels | 67,350 |
| 7012500 | Tanks | 193,450 |
| 7012100 | Heater Treater | 17,560 |
| 7012640 | Flare & Accessories | 11,645 |
| 7000010 | Electrical Labor | 29,115 |
| 7000010 | Mechanical Labor | - |
| 7012480 | Rod Pumping unit & Pad | - |
| 7012180 | Pumping Unit Engine | - |
| 7012350 | Electrical Power (electrical cooperative construction costs) | 23,290 |
| TOTAL SURFACE EQUIPMENT - TANGIBLE | | \$839,730 |

TOTAL SURFACE EQUIPMENT COST

\$ 839,730

ARTIFICIAL LIFT

| | | |
|-----------------------|---|---------|
| 7012580 | Tubing | 50,000 |
| 7012040 | Tubing Accessories (nipple, wireline entry) | 5,000 |
| 7012550 | Wellhead Equip | 5,000 |
| 7012560 | Packers - Completion Equipment | 5,000 |
| 7006640 | Company Labor | 6,000 |
| 7012180 | Gas Lift Equipment | 23,000 |
| 7012480 | Rod Pumping, Sucker Rods & Rod Pump | - |
| 7012140 | Elect Sub Pumps (ESP) | - |
| 7019350 | Well Services-Well/Wellhead Services | 42,500 |
| 7012270 | Materials & Supplies-Tangible | 25,000 |
| 7012550 | Surface Wellhead Equipment | 3,000 |
| 7012390 | Pig Launchers/Receivers & Rel Equip | - |
| 7011010 | Contingency & Taxes | 5,000 |
| TOTAL ARTIFICIAL LIFT | | 169,500 |

TOTAL ARTIFICIAL LIFT COST

\$ 169,500

SUMMARY OF ESTIMATED DRILLING WELL COSTS

TOTAL COST

| | |
|------------------------------|--------------|
| TOTAL LOCATION COST | \$ 95,000 |
| TOTAL DRILLING COST | \$ 2,334,080 |
| TOTAL COMPLETIONS COST | \$ 4,005,000 |
| TOTAL SURFACE EQUIPMENT COST | \$ 839,730 |
| TOTAL ARTIFICIAL LIFT COST | \$ 169,500 |
| GRAND TOTAL COST | \$7,443,310 |

MARATHON OIL PERMIAN LLC
AUTHORITY FOR EXPENDITURE
DETAIL OF ESTIMATED WELL COSTS

DATE 12/12/2018
DRILLING & LOCATION PREPARED BY MATTHEW RUGAARD
COMPLETION PREPARED BY JOSH SHANNON
FACILITIES PREPARED BY MATT HENSCHEN
ARTIFICIAL LIFT PREPARED BY BILLY MOORE/MATT H

| | | | | |
|----------------|---------------------|-----------------------|----------------|--------------|
| Asset Team | PERMIAN | | | |
| Field | PURPLE SAGE;WOL | FORMATION: WOLFCAMP A | WILDCAT | EXPLORATION |
| Lease/Facility | Neptune & WA Fee 3H | | DEVELOPMENT | RECOMPLETION |
| Location | EDDY COUNTY | | X EXPLOITATION | WORKOVER |
| Prospect | MALAGA | | | |

| | | | | | |
|-----------------|--------|-------------------|--|---------------------|-----|
| Est Total Depth | 14,890 | Est Drilling Days | | Est Completion Days | 5.5 |
|-----------------|--------|-------------------|--|---------------------|-----|

LOCATION COST - INTANGIBLE

| GL CODE | DESCRIPTION | ESTIMATED COST |
|----------------------------------|-------------------------------|----------------|
| 7001270 | Location and Access | 37,500 |
| 7001250 | Land Broker Fees and Services | 33,750 |
| TOTAL LOCATION COST - INTANGIBLE | | 71,250 |

DRILLING COST - TANGIBLE

| | | |
|---------------------------|---|---------|
| 7012050 | Conductor Pipe | 28,000 |
| 7012050 | Surface Casing | 16,000 |
| 7012050 | Intermediate Casing 1 | 55,000 |
| 7012050 | Intermediate Casing 2 | 231,000 |
| 7012050 | Production Casing | 72,000 |
| 7012050 | Drig Liner Hanger, Tieback Eq & Csg Accessories | 55,000 |
| 7012550 | Drilling Wellhead Equipment | 50,000 |
| 7012040 | Casing & Tubing Access | 24,000 |
| 7012270 | Miscellaneous MRO Materials | 5,000 |
| TOTAL DRILLING - TANGIBLE | | 536,000 |

DRILLING COST - INTANGIBLE

| | | |
|-----------------------------|--|-------------|
| 7019200 | Drilling Rig Mob/Demob | 32,500 |
| 7019220 | Drilling Rig - day work/footage | 455,650 |
| 7019040 | Directional Drilling Services | 149,000 |
| 7019020 | Cement and Cementing Service Surface | 15,000 |
| 7019020 | Cement and Cementing Service Intermediate 1 | 25,000 |
| 7019020 | Cement and Cementing Service Intermediate 2 | 40,000 |
| 7019020 | Cement and Cementing Service Production | 55,000 |
| 7019140 | Mud Fluids & Services | 61,400 |
| 7012310 | Solids Control equipment | 31,000 |
| 7012020 | Bits | 70,000 |
| 7019010 | Casing Crew and Services | 30,000 |
| 7016350 | Fuel (Rig) | 54,000 |
| 7019140 | Fuel (Mud) | 18,000 |
| 7001460 | Water (non potable) | 25,000 |
| 7012350 | Water (potable) | 5,000 |
| 7019000 | Well Logging Services | - |
| 7019150 | Mud Logging+geosteering | 13,000 |
| 7019250 | Stabilizers, Hole Openers, Underreamers (DH rentals) | 15,000 |
| 7019110 | Casing inspection/cleaning | 15,000 |
| 7019110 | Drill pipe/collar inspection services | 10,000 |
| 7016180 | Freight - truck | 25,000 |
| 7001460 | Water hauling and disposal (includes soil farming) | 60,000 |
| 7001160 | Contract Services - Disposal/Non-Hazardous Waste | 80,000 |
| 7001440 | Vacuum Trucks | 10,000 |
| 7000030 | Contract Labor - general | 30,000 |
| 7000030 | Contract Labor - Operations | 3,000 |
| 7001200 | Contract Services - Facilities | 10,000 |
| 7019300 | Well Services - Well Control Services | 18,763 |
| 7019350 | Well Services - Well/Wellhead Services | 10,000 |
| 7018150 | Rental Tools and Equipment (surface rentals) | 70,100 |
| 7018150 | Rig Equipment and Misc. | 8,763 |
| 7001110 | Telecommunications Services | 5,000 |
| 7001120 | Consulting Services | 82,368 |
| 7001400 | Safety and Environmental | 28,040 |
| 7018120 | Rental Buildings (trailers) | 14,020 |
| 7019310 | Coring (sidewalls & analysis) | - |
| 7011010 | 7% Contingency & Taxes | 147,742 |
| TOTAL DRILLING - INTANGIBLE | | \$1,722,345 |

| | |
|---------------------|-------------|
| TOTAL DRILLING COST | \$2,258,345 |
|---------------------|-------------|

COMPLETION - TANGIBLE

| | | |
|-----------------------------|---|----------|
| 7012580 | Tubing | - |
| 7012040 | Tubing Accessories (nipple, wireline entry) | - |
| 7012550 | Wellhead Equip | 15,000 |
| 7012560 | Packers - Completion Equipment | - |
| TOTAL COMPLETION - TANGIBLE | | \$15,000 |

MARATHON OIL PERMIAN LLC
AUTHORITY FOR EXPENDITURE
DETAIL OF ESTIMATED WELL COSTS

DATE 12/12/2018

Asset Team PERMIAN
Field PURPLE SAGE;WOL FORMATION: WOLFCAMP A
Lease/Facility Neptune 8 WA Fee 3H

COMPLETION - INTANGIBLE

| GL CODE | DESCRIPTION | ESTIMATED COST |
|-------------------------------|--|----------------|
| 7001270 | Location and Access (dress location after rig move, set anchors) | 10,000 |
| 7019220 | Drilling Rig During Completion | - |
| 7019140 | Mud Fluids & Services | - |
| 7019030 | Coiled Tubing Services (3 runs) | 210,000 |
| 7019240 | Snubbing Services | - |
| 7019270 | Pulling/Swab Units | - |
| 7016350 | Fuel (from drlg) | - |
| 7019010 | Casing Crew and Services | - |
| 7019020 | Cement and Cementing Services | - |
| 7019080 | Well Testing Services (flow hand & equip) | 315,000 |
| 7019320 | Fracturing Services | 1,960,000 |
| 7019330 | Perforating | 175,000 |
| 7019360 | Wireline Services | 15,000 |
| 7001460 | Water Hauling & Disposal (frac fluids) | 147,000 |
| 7016180 | Freight - Truck (haul pipe; drlg & compl) | 15,000 |
| 7018150 | BOP Rental & Testing | - |
| 7018150 | Rental Tools and Equipment (Incl drlg; lightplant,hydra-walk) | - |
| 7018150 | CT Downhole Rental Equipment (ie. Bit, BHA) | - |
| 7000030 | Contract Labor - general | 35,000 |
| 7001110 | Telecommunications Services | 90,000 |
| 7001400 | Safety and Environmental | - |
| 7001120 | Consulting Services | 60,000 |
| 7018150 | Zipper Manifold | 150,000 |
| 7019300 | Frack Stack Rentals | 45,000 |
| 7016190 | Freight (Transportation Services) | - |
| 7018150 | Equipment Rental (w/o operator, frac tanks, lightplants) | 135,000 |
| 7018120 | Rental Buildings (trailers) | 15,000 |
| 7000030 | Contract Labor - Pumping (pump-down pumps) | 30,000 |
| 7011010 | 8% Contingency & Taxes | 234,800 |
| TOTAL COMPLETION - INTANGIBLE | | \$3,641,800 |

TOTAL COMPLETION COST

\$3,656,800

SURFACE EQUIPMENT - TANGIBLE

| | | |
|------------------------------------|--|-----------|
| 7012350 | Misc. Piping, Fittings & Valves | 85,795 |
| 7006640 | Company Labor & Burden | - |
| 7000030 | Contract Labor - General | 74,150 |
| 7001110 | Telecommunication equip (Telemetry) | - |
| 7012410 | Line Pipe & Accessories | 27,950 |
| 7012270 | Miscellaneous Materials (containment system) | 43,230 |
| 7008060 | SCADA | - |
| 7016180 | Freight - truck | - |
| 7001190 | Contract Engineering | 29,115 |
| 7012290 | Metering and Instrumentation | 237,080 |
| 7012290 | I&E Materials | - |
| 7012200 | Gas Treating | - |
| 7012200 | Dehydration | - |
| 7012010 | Compressor | - |
| 7012350 | Power | - |
| 7012610 | Vapor Recovery Unit | - |
| 7012440 | Separator & other pressure vessels | 67,350 |
| 7012500 | Tanks | 193,450 |
| 7012100 | Heater Treater | 17,560 |
| 7012640 | Flare & Accessories | 11,645 |
| 7000010 | Electrical Labor | 29,115 |
| 7000010 | Mechanical Labor | - |
| 7012480 | Rod Pumping unit & Pad | - |
| 7012180 | Pumping Unit Engine | - |
| 7012350 | Electrical Power (electrical cooperative construction costs) | 23,290 |
| TOTAL SURFACE EQUIPMENT - TANGIBLE | | \$839,730 |

TOTAL SURFACE EQUIPMENT COST

\$ 839,730

ARTIFICIAL LIFT

| | | |
|-----------------------|---|---------|
| 7012580 | Tubing | 50,000 |
| 7012040 | Tubing Accessories (nipple, wireline entry) | 5,000 |
| 7012550 | Wellhead Equip | 5,000 |
| 7012560 | Packers - Completion Equipment | 5,000 |
| 7006640 | Company Labor | 6,000 |
| 7012180 | Gas Lift Equipment | 23,000 |
| 7012480 | Rod Pumping, Sucker Rods & Rod Pump | - |
| 7012140 | Elect Sub Pumps (ESP) | - |
| 7019350 | Well Services-Well/Wellhead Services | 42,500 |
| 7012270 | Materials & Supplies-Tangible | 25,000 |
| 7012550 | Surface Wellhead Equipment | 3,000 |
| 7012390 | Pig Launchers/Receivers & Rel Equip | - |
| 7011010 | Contingency & Taxes | 5,000 |
| TOTAL ARTIFICIAL LIFT | | 169,500 |

TOTAL ARTIFICIAL LIFT COST

\$ 169,500

SUMMARY OF ESTIMATED DRILLING WELL COSTS

TOTAL COST

| | |
|------------------------------|--------------|
| TOTAL LOCATION COST | \$ 71,250 |
| TOTAL DRILLING COST | \$ 2,258,345 |
| TOTAL COMPLETIONS COST | \$ 3,656,800 |
| TOTAL SURFACE EQUIPMENT COST | \$ 839,730 |
| TOTAL ARTIFICIAL LIFT COST | \$ 169,500 |
| GRAND TOTAL COST | \$6,995,625 |

MARATHON OIL PERMIAN LLC
AUTHORITY FOR EXPENDITURE
DETAIL OF ESTIMATED WELL COSTS

DATE 12/12/2018
DRILLING & LOCATION PREPARED BY MATTHEW RUGAARD
COMPLETION PREPARED BY JOSH SHANNON
FACILITIES PREPARED BY MATT HENSCHEN
ARTIFICIAL LIFT PREPARED BY BILLY MOORE/MATT H

| | | | | |
|----------------|---------------------|-----------------------|----------------|--------------|
| Asset Team | PERMIAN | | | |
| Field | PURPLE SAGE;WOL | FORMATION: WOLFCAMP D | WILDCAT | EXPLORATION |
| Lease/Facility | Neptune 8 WD Fee 4H | | DEVELOPMENT | RECOMPLETION |
| Location | EDDY COUNTY | | X EXPLOITATION | WORKOVER |
| Prospect | MALAGA | | | |

| | | | | | |
|-----------------|--------|-------------------|--|---------------------|-----|
| Est Total Depth | 15,330 | Est Drilling Days | | Est Completion Days | 5.5 |
|-----------------|--------|-------------------|--|---------------------|-----|

LOCATION COST - INTANGIBLE

| GL CODE | DESCRIPTION | ESTIMATED COST |
|----------------------------------|-------------------------------|----------------|
| 7001270 | Location and Access | 50,000 |
| 7001250 | Land Broker Fees and Services | 45,000 |
| TOTAL LOCATION COST - INTANGIBLE | | 95,000 |

DRILLING COST - TANGIBLE

| | | |
|---------------------------|---|---------|
| 7012050 | Conductor Pipe | 28,000 |
| 7012050 | Surface Casing | 16,000 |
| 7012050 | Intermediate Casing 1 | 55,000 |
| 7012050 | Intermediate Casing 2 | 231,000 |
| 7012050 | Production Casing | 72,000 |
| 7012050 | Drig Liner Hanger, Tieback Eq & Csg Accessories | 55,000 |
| 7012550 | Drilling Wellhead Equipment | 50,000 |
| 7012040 | Casing & Tubing Access | 24,000 |
| 7012270 | Miscellaneous MRO Materials | 5,000 |
| TOTAL DRILLING - TANGIBLE | | 536,000 |

DRILLING COST - INTANGIBLE

| | | |
|-----------------------------|--|-------------|
| 7019200 | Drilling Rig Mob/Demob | 43,333 |
| 7019220 | Drilling Rig - day work/footage | 489,667 |
| 7019040 | Directional Drilling Services | 160,000 |
| 7019020 | Cement and Cementing Service Surface | 15,000 |
| 7019020 | Cement and Cementing Service Intermediate 1 | 25,000 |
| 7019020 | Cement and Cementing Service Intermediate 2 | 40,000 |
| 7019020 | Cement and Cementing Service Production | 45,000 |
| 7019140 | Mud Fluids & Services | 62,500 |
| 7012310 | Solids Control equipment | 33,000 |
| 7012020 | Bits | 70,000 |
| 7019010 | Casing Crew and Services | 30,000 |
| 7016350 | Fuel (Rig) | 58,000 |
| 7019140 | Fuel (Mud) | 18,000 |
| 7001460 | Water (non potable) | 25,000 |
| 7012350 | Water (potable) | 5,000 |
| 7019000 | Well Logging Services | - |
| 7019150 | Mud Logging+geosteering | 15,000 |
| 7019250 | Stabilizers, Hole Openers, Underreamers (DH rentals) | 15,000 |
| 7019110 | Casing inspection/cleaning | 15,000 |
| 7019110 | Drill pipe/collar inspection services | 10,000 |
| 7016180 | Freight - truck | 25,000 |
| 7001460 | Water hauling and disposal (includes soil farming) | 60,000 |
| 7001160 | Contract Services - Disposal/Non-Hazardous Waste | 80,000 |
| 7001440 | Vacuum Trucks | 10,000 |
| 7000030 | Contract Labor - general | 30,000 |
| 7000030 | Contract Labor - Operations | 3,000 |
| 7001200 | Contract Services - Facilities | 10,000 |
| 7019300 | Well Services - Well Control Services | 19,417 |
| 7019350 | Well Services - Well/Wellhead Services | 10,000 |
| 7018150 | Rental Tools and Equipment (surface rentals) | 75,333 |
| 7018150 | Rig Equipment and Misc. | 9,417 |
| 7001110 | Telecommunications Services | 5,000 |
| 7001120 | Consulting Services | 88,517 |
| 7001400 | Safety and Environmental | 30,133 |
| 7018120 | Rental Buildings (trailers) | 15,067 |
| 7019310 | Coring (sidewalls & analysis) | - |
| 7011010 | 7% Contingency & Taxes | 152,697 |
| TOTAL DRILLING - INTANGIBLE | | \$1,798,080 |

| | |
|---------------------|-------------|
| TOTAL DRILLING COST | \$2,334,080 |
|---------------------|-------------|

COMPLETION - TANGIBLE

| | | |
|-----------------------------|---|----------|
| 7012580 | Tubing | - |
| 7012040 | Tubing Accessories (nipple, wireline entry) | - |
| 7012550 | Wellhead Equip | 15,000 |
| 7012560 | Packers - Completion Equipment | - |
| TOTAL COMPLETION - TANGIBLE | | \$15,000 |

MARATHON OIL PERMIAN LLC
AUTHORITY FOR EXPENDITURE
DETAIL OF ESTIMATED WELL COSTS

DATE 12/12/2018

Asset Team PERMIAN
Field PURPLE SAGE;WOL FORMATION: WOLFCAMP D
Lease/Facility Neptune 8 WD Fee 4H

COMPLETION - INTANGIBLE

| GL CODE | DESCRIPTION | ESTIMATED COST |
|-------------------------------|--|----------------|
| 7001270 | Location and Access (dress location after rig move, set anchors) | 10,000 |
| 7019220 | Drilling Rig During Completion | - |
| 7019140 | Mud Fluids & Services | - |
| 7019030 | Coiled Tubing Services (3 runs) | 210,000 |
| 7019240 | Snubbing Services | - |
| 7019270 | Pulling/Swab Units | - |
| 7016350 | Fuel (from drlg) | - |
| 7019010 | Casing Crew and Services | - |
| 7019020 | Cement and Cementing Services | - |
| 7019080 | Well Testing Services (flow hand & equip) | 315,000 |
| 7019320 | Fracturing Services | 2,275,000 |
| 7019330 | Perforating | 175,000 |
| 7019360 | Wireline Services | 15,000 |
| 7001460 | Water Hauling & Disposal (frac fluids) | 155,000 |
| 7016180 | Freight - Truck (haul pipe; drlg & compl) | 15,000 |
| 7018150 | BOP Rental & Testing | - |
| 7018150 | Rental Tools and Equipment (Incl drlg; lightplant,hydra-walk) | - |
| 7018150 | CT Downhole Rental Equipment (ie. BIt, BHA) | - |
| 7000030 | Contract Labor - general | 35,000 |
| 7001110 | Telecommunications Services | 90,000 |
| 7001400 | Safety and Environmental | - |
| 7001120 | Consulting Services | 60,000 |
| 7018150 | Zipper Manifold | 150,000 |
| 7019300 | Frack Stack Rentals | 45,000 |
| 7016190 | Freight (Transportation Services) | - |
| 7018150 | Equipment Rental (w/o operator, frac tanks, lightplants) | 135,000 |
| 7018120 | Rental Buildings (trailers) | 15,000 |
| 7000030 | Contract Labor - Pumping (pump-down pumps) | 30,000 |
| 7011010 | 8% Contingency & Taxes | 260,000 |
| TOTAL COMPLETION - INTANGIBLE | | \$3,990,000 |

TOTAL COMPLETION COST

\$4,005,000

SURFACE EQUIPMENT - TANGIBLE

| | | |
|------------------------------------|--|-----------|
| 7012350 | Misc. Piping, Fittings & Valves | 85,795 |
| 7006640 | Company Labor & Burden | - |
| 7000030 | Contract Labor - General | 74,150 |
| 7001110 | Telecommunication equip (Telemetry) | - |
| 7012410 | Line Pipe & Accessories | 27,950 |
| 7012270 | Miscellaneous Materials (containment system) | 43,230 |
| 7008060 | SCADA | - |
| 7016180 | Freight - truck | - |
| 7001190 | Contract Engineering | 29,115 |
| 7012290 | Metering and Instrumentation | 237,080 |
| 7012290 | I&E Materials | - |
| 7012200 | Gas Treating | - |
| 7012200 | Dehydration | - |
| 7012010 | Compressor | - |
| 7012350 | Power | - |
| 7012610 | Vapor Recovery Unit | - |
| 7012440 | Separator & other pressure vessels | 67,350 |
| 7012500 | Tanks | 199,450 |
| 7012100 | Heater Treater | 17,560 |
| 7012640 | Flare & Accessories | 11,645 |
| 7000010 | Electrical Labor | 29,115 |
| 7000010 | Mechanical Labor | - |
| 7012480 | Rod Pumping unit & Pad | - |
| 7012180 | Pumping Unit Engine | - |
| 7012350 | Electrical Power (electrical cooperative construction costs) | 23,290 |
| TOTAL SURFACE EQUIPMENT - TANGIBLE | | \$839,730 |

TOTAL SURFACE EQUIPMENT COST

\$ 839,730

ARTIFICIAL LIFT

| | | |
|-----------------------|---|---------|
| 7012580 | Tubing | 50,000 |
| 7012040 | Tubing Accessories (nipple, wireline entry) | 5,000 |
| 7012550 | Wellhead Equip | 5,000 |
| 7012560 | Packers - Completion Equipment | 5,000 |
| 7006640 | Company Labor | 6,000 |
| 7012180 | Gas Lift Equipment | 23,000 |
| 7012480 | Rod Pumping, Sucker Rods & Rod Pump | - |
| 7012140 | Elect Sub Pumps (ESP) | - |
| 7019350 | Well Services-Well/Wellhead Services | 42,500 |
| 7012270 | Materials & Supplies-Tangible | 25,000 |
| 7012550 | Surface Wellhead Equipment | 3,000 |
| 7012390 | Pig Launchers/Receivers & Rel Equip | - |
| 7011010 | Contingency & Taxes | 5,000 |
| TOTAL ARTIFICIAL LIFT | | 169,500 |

TOTAL ARTIFICIAL LIFT COST

\$ 169,500

SUMMARY OF ESTIMATED DRILLING WELL COSTS

TOTAL COST

| | |
|------------------------------|--------------|
| TOTAL LOCATION COST | \$ 95,000 |
| TOTAL DRILLING COST | \$ 2,334,080 |
| TOTAL COMPLETIONS COST | \$ 4,005,000 |
| TOTAL SURFACE EQUIPMENT COST | \$ 839,730 |
| TOTAL ARTIFICIAL LIFT COST | \$ 169,500 |
| GRAND TOTAL COST | \$7,443,310 |

MARATHON OIL PERMIAN LLC
 AUTHORITY FOR EXPENDITURE
 DETAIL OF ESTIMATED WELL COSTS

DATE 12/12/2018
 DRILLING & LOCATION PREPARED BY MATTHEW RUGAARD
 COMPLETION PREPARED BY JOSH SHANNON
 FACILITIES PREPARED BY MATT HENSCHEN
 ARTIFICIAL LIFT PREPARED BY BILLY MOORE/MATT HI

| | | | | |
|----------------|----------------------|------------------------|----------------|--------------|
| Asset Team | PERMIAN | | | |
| Field | PURPLE SAGE/WOL | FORMATION: WOLFCAMP XY | WILDCAT | EXPLORATION |
| Lease/Facility | Neptune 8 WXY Fee 5H | | DEVELOPMENT | RECOMPLETION |
| Location | EDDY COUNTY | | X EXPLOITATION | WORKOVER |
| Prospect | MALAGA | | | |

| | | | | | |
|-----------------|---------------|-------------------|--|---------------------|------------|
| Est Total Depth | <u>14,755</u> | Est Drilling Days | | Est Completion Days | <u>5.5</u> |
|-----------------|---------------|-------------------|--|---------------------|------------|

LOCATION COST - INTANGIBLE

| GL CODE | DESCRIPTION | ESTIMATED COST |
|----------------------------------|-------------------------------|----------------|
| 7001270 | Location and Access | 37,500 |
| 7001250 | Land Broker Fees and Services | 33,750 |
| TOTAL LOCATION COST - INTANGIBLE | | 71,250 |

DRILLING COST - TANGIBLE

| | | |
|---------------------------|---|---------|
| 7012050 | Conductor Pipe | 28,000 |
| 7012050 | Surface Casing | 16,000 |
| 7012050 | Intermediate Casing 1 | 55,000 |
| 7012050 | Intermediate Casing 2 | 231,000 |
| 7012050 | Production Casing | 72,000 |
| 7012050 | Drig Liner Hanger, Tieback Eq & Csg Accessories | 55,000 |
| 7012550 | Drilling Wellhead Equipment | 50,000 |
| 7012040 | Casing & Tubing Access | 24,000 |
| 7012270 | Miscellaneous MRO Materials | 5,000 |
| TOTAL DRILLING - TANGIBLE | | 536,000 |

DRILLING COST - INTANGIBLE

| | | |
|-----------------------------|--|-------------|
| 7019200 | Drilling Rig Mob/Demob | 32,500 |
| 7019220 | Drilling Rig - day work/footage | 455,650 |
| 7019040 | Directional Drilling Services | 149,000 |
| 7019020 | Cement and Cementing Service Surface | 15,000 |
| 7019020 | Cement and Cementing Service Intermediate 1 | 25,000 |
| 7019020 | Cement and Cementing Service Intermediate 2 | 40,000 |
| 7019020 | Cement and Cementing Service Production | 55,000 |
| 7019140 | Mud Fluids & Services | 61,400 |
| 7012310 | Solids Control equipment | 31,000 |
| 7012020 | Bits | 70,000 |
| 7019010 | Casing Crew and Services | 30,000 |
| 7016350 | Fuel (Rig) | 54,000 |
| 7019140 | Fuel (Mud) | 18,000 |
| 7001460 | Water (non potable) | 25,000 |
| 7012350 | Water (potable) | 5,000 |
| 7019000 | Well Logging Services | - |
| 7019150 | Mud Logging-geosteering | 13,000 |
| 7019250 | Stabilizers, Hole Openers, Underreamers (DH rentals) | 15,000 |
| 7019110 | Casing inspection/cleaning | 15,000 |
| 7019110 | Drill pipe/collar inspection services | 10,000 |
| 7016180 | Freight - truck | 25,000 |
| 7001460 | Water hauling and disposal (includes soil farming) | 60,000 |
| 7001160 | Contract Services - Disposal/Non-Hazardous Waste | 80,000 |
| 7001440 | Vacuum Trucks | 10,000 |
| 7000030 | Contract Labor - general | 30,000 |
| 7000030 | Contract Labor - Operations | 3,000 |
| 7001200 | Contract Services - Facilities | 10,000 |
| 7019300 | Well Services - Well Control Services | 18,763 |
| 7019350 | Well Services - Well/Wellhead Services | 10,000 |
| 7018150 | Rental Tools and Equipment (surface rentals) | 70,100 |
| 7018150 | Rig Equipment and Misc. | 8,763 |
| 7001110 | Telecommunications Services | 5,000 |
| 7001120 | Consulting Services | 82,368 |
| 7001400 | Safety and Environmental | 28,040 |
| 7018120 | Rental Buildings (trailers) | 14,020 |
| 7019310 | Coring (sidewalls & analysis) | - |
| 7011010 | 7% Contingency & Taxes | 147,742 |
| TOTAL DRILLING - INTANGIBLE | | \$1,722,345 |

TOTAL DRILLING COST

\$2,258,345

COMPLETION - TANGIBLE

| | | |
|-----------------------------|--|----------|
| 7012580 | Tubing | - |
| 7012040 | Tubing Accessories (nipple, wireline entry) | - |
| 7012550 | Wellhead Equip | 15,000 |
| 7012560 | Packers - Completion Equipment | - |
| TOTAL COMPLETION - TANGIBLE | | \$15,000 |

MARATHON OIL PERMIAN LLC
AUTHORITY FOR EXPENDITURE
DETAIL OF ESTIMATED WELL COSTS

DATE 12/12/2018

Asset Team PERMIAN
Field PURPLE SAGE/WOL FORMATION: WOLFCAMP XY
Lease/Facility Neptune 8 WXY Fee 5H

COMPLETION - INTANGIBLE

| GL CODE | DESCRIPTION | ESTIMATED COST |
|-------------------------------|--|----------------|
| 7001270 | Location and Access (dress location after rig move, set anchors) | 10,000 |
| 7019220 | Drilling Rig Durling Completion | - |
| 7019140 | Mud Fluids & Services | - |
| 7019030 | Coiled Tubing Services (3 runs) | 210,000 |
| 7019240 | Snubbing Services | - |
| 7019270 | Pulling/Swab Units | - |
| 7016350 | Fuel (from drlg) | - |
| 7019010 | Casing Crew and Services | - |
| 7019020 | Cement and Cementing Services | - |
| 7019080 | Well Testing Services (flow hand & equip) | 315,000 |
| 7019320 | Fracturing Services | 1,960,000 |
| 7019330 | Perforating | 175,000 |
| 7019360 | Wireline Services | 15,000 |
| 7001460 | Water Hauling & Disposal (frac fluids) | 147,000 |
| 7016180 | Freight - Truck (haul pipe; drlg & compl) | 15,000 |
| 7018150 | BOP Rental & Testing | - |
| 7018150 | Rental Tools and Equipment (Incl drlg; lightplant,hydra-walk) | - |
| 7018150 | CT Downhole Rental Equipment (ie. Bit, BHA) | - |
| 7000030 | Contract Labor - general | 35,000 |
| 7001110 | Telecommunications Services | 90,000 |
| 7001400 | Safety and Environmental | - |
| 7001120 | Consulting Services | 60,000 |
| 7018150 | Zipper Manifold | 150,000 |
| 7019300 | Frac Stack Rentals | 45,000 |
| 7016190 | Freight (Transportation Services) | - |
| 7018150 | Equipment Rental (w/o operator, frac tanks, lightplants) | 135,000 |
| 7018120 | Rental Buildings (trailers) | 15,000 |
| 7000030 | Contract Labor - Pumping (pump-down pumps) | 30,000 |
| 7011010 | 8% Contingency & Taxes | 234,800 |
| TOTAL COMPLETION - INTANGIBLE | | \$3,641,800 |

TOTAL COMPLETION COST

\$3,656,800

SURFACE EQUIPMENT - TANGIBLE

| | | |
|------------------------------------|--|-----------|
| 7012350 | Misc. Piping, Fittings & Valves | 85,795 |
| 7006640 | Company Labor & Burden | - |
| 7000030 | Contract Labor - General | 74,150 |
| 7001110 | Telecommunication equip (Telemetry) | - |
| 7012410 | Line Pipe & Accessories | 27,950 |
| 7012270 | Miscellaneous Materials (containment system) | 43,230 |
| 7008060 | SCADA | - |
| 7016180 | Freight - truck | - |
| 7001190 | Contract Engineering | 29,115 |
| 7012290 | Metering and Instrumentation | 237,080 |
| 7012290 | I&E Materials | - |
| 7012200 | Gas Treating | - |
| 7012200 | Dehydration | - |
| 7012010 | Compressor | - |
| 7012350 | Power | - |
| 7012610 | Vapor Recovery Unit | - |
| 7012440 | Separator & other pressure vessels | 67,350 |
| 7012500 | Tanks | 193,450 |
| 7012100 | Heater Treater | 17,560 |
| 7012640 | Flare & Accessories | 11,645 |
| 7000010 | Electrical Labor | 29,115 |
| 7000010 | Mechanical Labor | - |
| 7012480 | Rod Pumping unit & Pad | - |
| 7012180 | Pumping Unit Engine | - |
| 7012350 | Electrical Power (electrical cooperative construction costs) | 23,290 |
| TOTAL SURFACE EQUIPMENT - TANGIBLE | | \$839,730 |

TOTAL SURFACE EQUIPMENT COST

\$ 839,730

ARTIFICIAL LIFT

| | | |
|-----------------------|---|---------|
| 7012580 | Tubing | 50,000 |
| 7012040 | Tubing Accessories (nipple, wireline entry) | 5,000 |
| 7012550 | Wellhead Equip | 5,000 |
| 7012560 | Packers - Completion Equipment | 5,000 |
| 7006640 | Company Labor | 6,000 |
| 7012180 | Gas Lift Equipment | 23,000 |
| 7012480 | Rod Pumping, Sucker Rods & Rod Pump | - |
| 7012140 | Elect Sub Pumps (ESP) | - |
| 7019350 | Well Services-Well/Wellhead Services | 42,500 |
| 7012270 | Materials & Supplies-Tangible | 25,000 |
| 7012550 | Surface Wellhead Equipment | 3,000 |
| 7012390 | Plg Launchers/Receivers & Rel Equip | - |
| 7011010 | Contingency & Taxes | 5,000 |
| TOTAL ARTIFICIAL LIFT | | 169,500 |

TOTAL ARTIFICIAL LIFT COST

\$ 169,500

SUMMARY OF ESTIMATED DRILLING WELL COSTS

TOTAL COST

| | |
|------------------------------|--------------|
| TOTAL LOCATION COST | \$ 71,250 |
| TOTAL DRILLING COST | \$ 2,258,345 |
| TOTAL COMPLETIONS COST | \$ 3,656,800 |
| TOTAL SURFACE EQUIPMENT COST | \$ 839,730 |
| TOTAL ARTIFICIAL LIFT COST | \$ 169,500 |
| GRAND TOTAL COST | \$6,995,625 |

MARATHON OIL PERMIAN LLC
AUTHORITY FOR EXPENDITURE
DETAIL OF ESTIMATED WELL COSTS

DATE 12/12/2018
DRILLING & LOCATION PREPARED BY MATTHEW RUGAARD
COMPLETION PREPARED BY JOSH SHANNON
FACILITIES PREPARED BY MATT HENSCHEN
ARTIFICIAL LIFT PREPARED BY BILLY MOORE/MATT HI

| | | | | |
|----------------|---------------------|-----------------------|----------------|--------------|
| Asset Team | PERMIAN | | | |
| Field | PURPLE SAGE;WOL | FORMATION: WOLFCAMP A | WILDCAT | EXPLORATION |
| Lease/Facility | Neptune 8 WA Fee 7H | | DEVELOPMENT | RECOMPLETION |
| Location | EDDY COUNTY | | X EXPLOITATION | WORKOVER |
| Prospect | MALAGA | | | |

| | | | | | |
|-----------------|--------|-------------------|--|---------------------|-----|
| Est Total Depth | 14,900 | Est Drilling Days | | Est Completion Days | 5.5 |
|-----------------|--------|-------------------|--|---------------------|-----|

LOCATION COST - INTANGIBLE

| GL CODE | DESCRIPTION | ESTIMATED COST |
|---------|-------------------------------|----------------|
| 7001270 | Location and Access | 37,500 |
| 7001250 | Land Broker Fees and Services | 33,750 |

| | |
|----------------------------------|--------|
| TOTAL LOCATION COST - INTANGIBLE | 71,250 |
|----------------------------------|--------|

DRILLING COST - TANGIBLE

| | | |
|---------|---|---------|
| 7012050 | Conductor Pipe | 28,000 |
| 7012050 | Surface Casing | 16,000 |
| 7012050 | Intermediate Casing 1 | 55,000 |
| 7012050 | Intermediate Casing 2 | 231,000 |
| 7012050 | Production Casing | 72,000 |
| 7012050 | Drig Liner Hanger, Tieback Eq & Csg Accessories | 55,000 |
| 7012550 | Drilling Wellhead Equipment | 50,000 |
| 7012040 | Casing & Tubing Access | 24,000 |
| 7012270 | Miscellaneous MRO Materials | 5,000 |

| | |
|---------------------------|---------|
| TOTAL DRILLING - TANGIBLE | 536,000 |
|---------------------------|---------|

DRILLING COST - INTANGIBLE

| | | |
|---------|--|---------|
| 7019200 | Drilling Rig Mob/Demob | 32,500 |
| 7019220 | Drilling Rig - day work/footage | 455,650 |
| 7019040 | Directional Drilling Services | 149,000 |
| 7019020 | Cement and Cementing Service Surface | 15,000 |
| 7019020 | Cement and Cementing Service Intermediate 1 | 25,000 |
| 7019020 | Cement and Cementing Service Intermediate 2 | 40,000 |
| 7019020 | Cement and Cementing Service Production | 55,000 |
| 7019140 | Mud Fluids & Services | 61,400 |
| 7012310 | Solids Control equipment | 31,000 |
| 7012020 | Bits | 70,000 |
| 7019010 | Casing Crew and Services | 30,000 |
| 7016350 | Fuel (Rig) | 54,000 |
| 7019140 | Fuel (Mud) | 18,000 |
| 7001460 | Water (non potable) | 25,000 |
| 7012350 | Water (potable) | 5,000 |
| 7019000 | Well Logging Services | - |
| 7019150 | Mud Logging+geosteering | 13,000 |
| 7019250 | Stabilizers, Hole Openers, Underreamers (DH rentals) | 15,000 |
| 7019110 | Casing Inspection/cleaning | 15,000 |
| 7019110 | Drill pipe/collar inspection services | 10,000 |
| 7016180 | Freight - truck | 25,000 |
| 7001460 | Water hauling and disposal (includes soil farming) | 60,000 |
| 7001160 | Contract Services - Disposal/Non-Hazardous Waste | 80,000 |
| 7001440 | Vacuum Trucks | 10,000 |
| 7000030 | Contract Labor - general | 30,000 |
| 7000030 | Contract Labor - Operations | 3,000 |
| 7001200 | Contract Services - Facilities | 10,000 |
| 7019300 | Well Services - Well Control Services | 18,763 |
| 7019350 | Well Services - Well/Wellhead Services | 10,000 |
| 7018150 | Rental Tools and Equipment (surface rentals) | 70,100 |
| 7018150 | Rig Equipment and Misc. | 8,763 |
| 7001110 | Telecommunications Services | 5,000 |
| 7001120 | Consulting Services | 82,368 |
| 7001400 | Safety and Environmental | 28,040 |
| 7018120 | Rental Buildings (trailers) | 14,020 |
| 7019310 | Coring (sidewalls & analysis) | - |
| 7011010 | 7% Contingency & Taxes | 147,742 |

| | |
|-----------------------------|-------------|
| TOTAL DRILLING - INTANGIBLE | \$1,722,345 |
|-----------------------------|-------------|

| | |
|---------------------|-------------|
| TOTAL DRILLING COST | \$2,258,345 |
|---------------------|-------------|

COMPLETION - TANGIBLE

| | | |
|---------|---|--------|
| 7012580 | Tubing | - |
| 7012040 | Tubing Accessories (nipple, wireline entry) | - |
| 7012550 | Wellhead Equip | 15,000 |
| 7012560 | Packers - Completion Equipment | - |

| | |
|-----------------------------|----------|
| TOTAL COMPLETION - TANGIBLE | \$15,000 |
|-----------------------------|----------|

MARATHON OIL PERMIAN LLC
AUTHORITY FOR EXPENDITURE
DETAIL OF ESTIMATED WELL COSTS

DATE 12/12/2018

Asset Team PERMIAN
Field PURPLE SAGE;WOL FORMATION: WOLFCAMP A
Lease/Facility Neptune 8 WA Fee 7H

COMPLETION - INTANGIBLE

| GL CODE | DESCRIPTION | ESTIMATED COST |
|-------------------------------|--|----------------|
| 7001270 | Location and Access (dress location after rig move, set anchors) | 10,000 |
| 7019220 | Drilling Rig During Completion | - |
| 7019140 | Mud Fluids & Services | - |
| 7019030 | Coiled Tubing Services (3 runs) | 210,000 |
| 7019240 | Snubbing Services | - |
| 7019270 | Pulling/Swab Units | - |
| 7016350 | Fuel (from drlg) | - |
| 7019010 | Casing Crew and Services | - |
| 7019020 | Cement and Cementing Services | - |
| 7019080 | Well Testing Services (flow hand & equip) | 315,000 |
| 7019320 | Fracturing Services | 1,960,000 |
| 7019330 | Perforating | 175,000 |
| 7019360 | Wireline Services | 15,000 |
| 7001460 | Water Hauling & Disposal (frac fluids) | 147,000 |
| 7016180 | Freight - Truck (haul pipe; drlg & compl) | 15,000 |
| 7018150 | BOP Rental & Testing | - |
| 7018150 | Rental Tools and Equipment (incl drlg; lightplant,hydra-walk) | - |
| 7018150 | CT Downhole Rental Equipment (ie. Bit, BHA) | - |
| 7000030 | Contract Labor - general | 35,000 |
| 7001110 | Telecommunications Services | 90,000 |
| 7001400 | Safety and Environmental | - |
| 7001120 | Consulting Services | 60,000 |
| 7018150 | Zipper Manifold | 150,000 |
| 7019300 | Frac Stack Rentals | 45,000 |
| 7016190 | Freight (Transportation Services) | - |
| 7018150 | Equipment Rental (w/o operator, frac tanks, lightplants) | 135,000 |
| 7018120 | Rental Buildings (trailers) | 15,000 |
| 7000030 | Contract Labor - Pumping (pump-down pumps) | 30,000 |
| 7011010 | 8% Contingency & Taxes | 234,800 |
| TOTAL COMPLETION - INTANGIBLE | | \$3,641,800 |
| TOTAL COMPLETION COST | | \$3,656,800 |

SURFACE EQUIPMENT - TANGIBLE

| | | |
|------------------------------------|--|------------|
| 7012350 | Misc. Piping, Fittings & Valves | 85,795 |
| 7006640 | Company Labor & Burden | - |
| 7000030 | Contract Labor - General | 74,150 |
| 7001110 | Telecommunication equip (Telemetry) | - |
| 7012410 | Line Pipe & Accessories | 27,950 |
| 7012270 | Miscellaneous Materials (containment system) | 43,230 |
| 7008060 | SCADA | - |
| 7016180 | Freight - truck | - |
| 7001190 | Contract Engineering | 29,115 |
| 7012290 | Metering and Instrumentation | 237,080 |
| 7012290 | I&E Materials | - |
| 7012200 | Gas Treating | - |
| 7012200 | Dehydration | - |
| 7012010 | Compressor | - |
| 7012350 | Power | - |
| 7012610 | Vapor Recovery Unit | - |
| 7012440 | Separator & other pressure vessels | 67,350 |
| 7012500 | Tanks | 193,450 |
| 7012100 | Heater Treater | 17,560 |
| 7012640 | Flare & Accessories | 11,645 |
| 7000010 | Electrical Labor | 29,115 |
| 7000010 | Mechanical Labor | - |
| 7012480 | Rod Pumping unit & Pad | - |
| 7012180 | Pumping Unit Engine | - |
| 7012350 | Electrical Power (electrical cooperative construction costs) | 23,290 |
| TOTAL SURFACE EQUIPMENT - TANGIBLE | | \$839,730 |
| TOTAL SURFACE EQUIPMENT COST | | \$ 839,730 |

ARTIFICIAL LIFT

| | | |
|----------------------------|---|------------|
| 7012580 | Tubing | 50,000 |
| 7012040 | Tubing Accessories (nipple, wireline entry) | 5,000 |
| 7012550 | Wellhead Equip | 5,000 |
| 7012560 | Packers - Completion Equipment | 5,000 |
| 7006640 | Company Labor | 6,000 |
| 7012180 | Gas Lift Equipment | 23,000 |
| 7012480 | Rod Pumping, Sucker Rods & Rod Pump | - |
| 7012140 | Elect Sub Pumps (ESP) | - |
| 7019350 | Well Services-Well/Wellhead Services | 42,500 |
| 7012270 | Materials & Supplies-Tangible | 25,000 |
| 7012550 | Surface Wellhead Equipment | 3,000 |
| 7012390 | Plg Launchers/Receivers & Rel Equip | - |
| 7011010 | Contingency & Taxes | 5,000 |
| TOTAL ARTIFICIAL LIFT | | 169,500 |
| TOTAL ARTIFICIAL LIFT COST | | \$ 169,500 |

SUMMARY OF ESTIMATED DRILLING WELL COSTS

| | |
|------------------------------|--------------|
| TOTAL LOCATION COST | \$ 71,250 |
| TOTAL DRILLING COST | \$ 2,258,345 |
| TOTAL COMPLETIONS COST | \$ 3,656,800 |
| TOTAL SURFACE EQUIPMENT COST | \$ 839,730 |
| TOTAL ARTIFICIAL LIFT COST | \$ 169,500 |

GRAND TOTAL COST

\$6,995,625

MARATHON OIL PERMIAN LLC
 AUTHORITY FOR EXPENDITURE
 DETAIL OF ESTIMATED WELL COSTS

DATE 12/12/2018
 DRILLING & LOCATION PREPARED BY MATTHEW RUGAARD
 COMPLETION PREPARED BY JOSH SHANNON
 FACILITIES PREPARED BY MATT HENSCHEN
 ARTIFICIAL LIFT PREPARED BY BILLY MOORE/MATT HENSCHEN

| | | | | |
|----------------|---------------------|-----------------------|----------------|--------------|
| Asset Team | PERMIAN | | | |
| Field | PURPLE SAGE;WOL | FORMATION: WOLFCAMP D | WILDCAT | EXPLORATION |
| Lease/Facility | Neptune 8 WD Fee 8H | | DEVELOPMENT | RECOMPLETION |
| Location | EDDY COUNTY | | X EXPLOITATION | WORKOVER |
| Prospect | MALAGA | | | |

| | | | | | |
|-----------------|---------------|-------------------|-------------------|---------------------|------------|
| Est Total Depth | <u>15,580</u> | Est Drilling Days | <u> </u> | Est Completion Days | <u>5.5</u> |
|-----------------|---------------|-------------------|-------------------|---------------------|------------|

LOCATION COST - INTANGIBLE

| GL CODE | DESCRIPTION | ESTIMATED COST |
|----------------------------------|-------------------------------|----------------|
| 7001270 | Location and Access | 50,000 |
| 7001250 | Land Broker Fees and Services | 45,000 |
| TOTAL LOCATION COST - INTANGIBLE | | 95,000 |

DRILLING COST - TANGIBLE

| | | |
|---------------------------|---|---------|
| 7012050 | Conductor Pipe | 28,000 |
| 7012050 | Surface Casing | 16,000 |
| 7012050 | Intermediate Casing 1 | 55,000 |
| 7012050 | Intermediate Casing 2 | 231,000 |
| 7012050 | Production Casing | 72,000 |
| 7012050 | Drig Liner Hanger, Tieback Eq & Csg Accessories | 55,000 |
| 7012550 | Drilling Wellhead Equipment | 50,000 |
| 7012040 | Casing & Tubing Access | 24,000 |
| 7012270 | Miscellaneous MRO Materials | 5,000 |
| TOTAL DRILLING - TANGIBLE | | 536,000 |

DRILLING COST - INTANGIBLE

| | | |
|-----------------------------|--|-------------|
| 7019200 | Drilling Rig Mob/Demob | 43,333 |
| 7019220 | Drilling Rig - day work/footage | 489,667 |
| 7019040 | Directional Drilling Services | 160,000 |
| 7019020 | Cement and Cementing Service Surface | 15,000 |
| 7019020 | Cement and Cementing Service Intermediate 1 | 25,000 |
| 7019020 | Cement and Cementing Service Intermediate 2 | 40,000 |
| 7019020 | Cement and Cementing Service Production | 45,000 |
| 7019140 | Mud Fluids & Services | 62,500 |
| 7012310 | Solids Control equipment | 33,000 |
| 7012020 | Bits | 70,000 |
| 7019010 | Casing Crew and Services | 30,000 |
| 7016350 | Fuel (Rig) | 58,000 |
| 7019140 | Fuel (Mud) | 18,000 |
| 7001460 | Water (non potable) | 25,000 |
| 7012350 | Water (potable) | 5,000 |
| 7019000 | Well Logging Services | - |
| 7019150 | Mud Logging+geosteering | 15,000 |
| 7019250 | Stabilizers, Hole Openers, Underreamers (DH rentals) | 15,000 |
| 7019110 | Casing Inspection/cleaning | 15,000 |
| 7019110 | Drill pipe/collar inspection services | 10,000 |
| 7016180 | Freight - truck | 25,000 |
| 7001460 | Water hauling and disposal (includes soil farming) | 60,000 |
| 7001160 | Contract Services - Disposal/Non-Hazardous Waste | 80,000 |
| 7001440 | Vacuum Trucks | 10,000 |
| 7000030 | Contract Labor - general | 30,000 |
| 7000030 | Contract Labor - Operations | 3,000 |
| 7001200 | Contract Services - Facilities | 10,000 |
| 7019300 | Well Services - Well Control Services | 19,417 |
| 7019350 | Well Services - Well/Wellhead Services | 10,000 |
| 7018150 | Rental Tools and Equipment (surface rentals) | 75,333 |
| 7018150 | Rig Equipment and Misc. | 9,417 |
| 7001110 | Telecommunications Services | 5,000 |
| 7001120 | Consulting Services | 88,517 |
| 7001400 | Safety and Environmental | 30,133 |
| 7018120 | Rental Buildings (trailers) | 15,067 |
| 7019310 | Coring (sidewalls & analysis) | - |
| 7011010 | 7% Contingency & Taxes | 152,697 |
| TOTAL DRILLING - INTANGIBLE | | \$1,798,080 |

TOTAL DRILLING COST

\$2,334,080

COMPLETION - TANGIBLE

| | | |
|-----------------------------|---|----------|
| 7012580 | Tubing | - |
| 7012040 | Tubing Accessories (nipple, wireline entry) | - |
| 7012550 | Wellhead Equip | 15,000 |
| 7012560 | Packers - Completion Equipment | - |
| TOTAL COMPLETION - TANGIBLE | | \$15,000 |

MARATHON OIL PERMIAN LLC
AUTHORITY FOR EXPENDITURE
DETAIL OF ESTIMATED WELL COSTS

DATE 12/12/2018

Asset Team PERMIAN
Field PURPLE SAGE;WOL FORMATION: WOLFCAMP D
Lease/Facility Neptune 8 WD Fee 8H

COMPLETION - INTANGIBLE

| GL CODE | DESCRIPTION | ESTIMATED COST |
|-------------------------------|--|----------------|
| 7001270 | Location and Access (dress location after rig move, set anchors) | 10,000 |
| 7019220 | Drilling Rig During Completion | - |
| 7019140 | Mud Fluids & Services | - |
| 7019090 | Coiled Tubing Services (3 runs) | 210,000 |
| 7019240 | Snubbing Services | - |
| 7019270 | Pulling/Swab Units | - |
| 7016350 | Fuel (from drlg) | - |
| 7019010 | Casing Crew and Services | - |
| 7019020 | Cement and Cementing Services | - |
| 7019080 | Well Testing Services (flow hand & equip) | 315,000 |
| 7019320 | Fracturing Services | 2,275,000 |
| 7019330 | Perforating | 175,000 |
| 7019360 | Wireline Services | 15,000 |
| 7001460 | Water Hauling & Disposal (frac fluids) | 155,000 |
| 7016180 | Freight - Truck (haul pipe; drlg & compl) | 15,000 |
| 7018150 | BOP Rental & Testing | - |
| 7018150 | Rental Tools and Equipment (incl drlg; lightplant,hydra-walk) | - |
| 7018150 | CT Downhole Rental Equipment (ie. BIt, BHA) | - |
| 7000030 | Contract Labor - general | 35,000 |
| 7001110 | Telecommunications Services | 90,000 |
| 7001400 | Safety and Environmental | - |
| 7001120 | Consulting Services | 60,000 |
| 7018150 | Zipper Manifold | 150,000 |
| 7019300 | Frack Stack Rentals | 45,000 |
| 7016190 | Freight (Transportation Services) | - |
| 7018150 | Equipment Rental (w/o operator, frac tanks, lightplants) | 135,000 |
| 7018120 | Rental Buildings (trailers) | 15,000 |
| 7000030 | Contract Labor - Pumping (pump-down pumps) | 30,000 |
| 7011010 | 8% Contingency & Taxes | 260,000 |
| TOTAL COMPLETION - INTANGIBLE | | \$3,990,000 |
| TOTAL COMPLETION COST | | \$4,005,000 |

SURFACE EQUIPMENT - TANGIBLE

| | | |
|------------------------------------|--|------------|
| 7012350 | Misc. Piping, Fittings & Valves | 85,795 |
| 7006640 | Company Labor & Burden | - |
| 7000030 | Contract Labor - General | 74,150 |
| 7001110 | Telecommunication equip (Telemetry) | - |
| 7012410 | Line Pipe & Accessories | 27,950 |
| 7012270 | Miscellaneous Materials (containment system) | 43,230 |
| 7008060 | SCADA | - |
| 7016180 | Freight - truck | - |
| 7001190 | Contract Engineering | 29,115 |
| 7012290 | Metering and Instrumentation | 237,080 |
| 7012290 | I&E Materials | - |
| 7012200 | Gas Treating | - |
| 7012200 | Dehydration | - |
| 7012010 | Compressor | - |
| 7012350 | Power | - |
| 7012610 | Vapor Recovery Unit | - |
| 7012440 | Separator & other pressure vessels | 67,350 |
| 7012500 | Tanks | 193,450 |
| 7012100 | Heater Treater | 17,560 |
| 7012640 | Flare & Accessories | 11,645 |
| 7000010 | Electrical Labor | 29,115 |
| 7000010 | Mechanical Labor | - |
| 7012480 | Rod Pumping unit & Pad | - |
| 7012180 | Pumping Unit Engine | - |
| 7012350 | Electrical Power (electrical cooperative construction costs) | 23,290 |
| TOTAL SURFACE EQUIPMENT - TANGIBLE | | \$839,730 |
| TOTAL SURFACE EQUIPMENT COST | | \$ 839,730 |

ARTIFICIAL LIFT

| | | |
|----------------------------|---|------------|
| 7012580 | Tubing | 50,000 |
| 7012040 | Tubing Accessories (nipple, wireline entry) | 5,000 |
| 7012550 | Wellhead Equip | 5,000 |
| 7012560 | Packers - Completion Equipment | 5,000 |
| 7006640 | Company Labor | 6,000 |
| 7012180 | Gas Lift Equipment | 23,000 |
| 7012480 | Rod Pumping, Sucker Rods & Rod Pump | - |
| 7012140 | Elect Sub Pumps (ESP) | - |
| 7019350 | Well Services-Well/Wellhead Services | 42,500 |
| 7012270 | Materials & Supplies-Tangible | 25,000 |
| 7012550 | Surface Wellhead Equipment | 3,000 |
| 7012390 | Pig Launchers/Receivers & Rel Equip | - |
| 7011010 | Contingency & Taxes | 5,000 |
| TOTAL ARTIFICIAL LIFT | | 169,500 |
| TOTAL ARTIFICIAL LIFT COST | | \$ 169,500 |

SUMMARY OF ESTIMATED DRILLING WELL COSTS

| | |
|------------------------------|--------------|
| TOTAL LOCATION COST | \$ 95,000 |
| TOTAL DRILLING COST | \$ 2,334,080 |
| TOTAL COMPLETIONS COST | \$ 4,005,000 |
| TOTAL SURFACE EQUIPMENT COST | \$ 839,730 |
| TOTAL ARTIFICIAL LIFT COST | \$ 169,500 |
| GRAND TOTAL COST | \$7,443,310 |

Exhibit 6

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

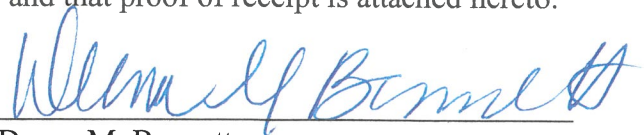
APPLICATION OF MARATHON OIL PERMIAN LLC FOR COMPUSLORY
POOLING, EDDY COUNTY, NEW MEXICO.

CASE NO. 20471
(NEPTUNE)

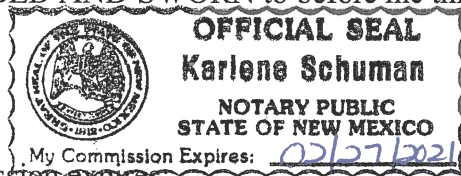
AFFIDAVIT

STATE OF NEW MEXICO)
) ss.
COUNTY OF BERNALILLO)

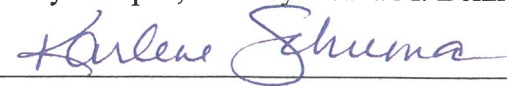
Deana M. Bennett, attorney in fact and authorized representative of Marathon Oil Permian LLC, the Applicant herein, being first duly sworn, upon oath, states that the above-referenced Application was sent under a notice letter and that proof of receipt is attached hereto.


Deana M. Bennett

SUBSCRIBED AND SWORN to before me this 29th day of April, 2019 by Deana M. Bennett.



My commission expires. _____

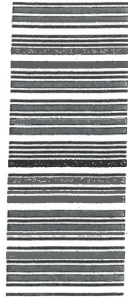

Notary Public

| USPS Article Number | Date Created | Name 1 | Name 2 | Address | City | State | Zip | Mailing Status | Service Options | Mail Delivery Date |
|------------------------|--------------------|--|---------------------------------|--------------------------------|-------------|-------|-------|----------------|---|--------------------|
| 9314869904300058030893 | 2019-04-12 8:29 AM | Phil Blenden | | 902 Fountain Dr | Carlsbad | NM | 88220 | Delivered | Return Receipt - Electronic, Certified Mail | 04-15-2019 |
| 9314869904300058030886 | 2019-04-12 8:29 AM | Robin Shelton | | 5501 24th St NE | Tacoma | WA | 98422 | Delivered | Return Receipt - Electronic, Certified Mail | 04-18-2019 |
| 9314869904300058030879 | 2019-04-12 8:29 AM | Sandra Blenden | | 1746 N Cherokee Ave Apt 1a | Los Angeles | CA | 90028 | Mailed | Return Receipt - Electronic, Certified Mail | |
| 9314869904300058030862 | 2019-04-12 8:29 AM | Robert & Carol Levenson | | 4015 88th Pl | Lubbock | TX | 79423 | Mailed | Return Receipt - Electronic, Certified Mail | |
| 9314869904300058030855 | 2019-04-12 8:29 AM | Dick A. Blenden | | PO Box 1446 | Carlsbad | NM | 88221 | Mailed | Return Receipt - Electronic, Certified Mail | |
| 9314869904300058030848 | 2019-04-12 8:29 AM | Jeffrey B. Diamond | | PO Box 1866 | Carlsbad | NM | 88221 | Mailed | Return Receipt - Electronic, Certified Mail | |
| 9314869904300058030831 | 2019-04-12 8:29 AM | Kathleen A. Phillips | | PO Box 11313 | Midland | TX | 79702 | Mailed | Return Receipt - Electronic, Certified Mail | |
| 9314869904300058030824 | 2019-04-12 8:29 AM | Julie J. Lara | | 6780 North Eagle Road | Las Cruces | NM | 88012 | Delivered | Return Receipt - Electronic, Certified Mail | 04-15-2019 |
| 9314869904300058030817 | 2019-04-12 8:29 AM | David Scott Miller | | PO Box 3 | Taylor | AZ | 85939 | Delivered | Return Receipt - Electronic, Certified Mail | 04-17-2019 |
| 9314869904300058030800 | 2019-04-12 8:29 AM | Forrest Church Miller | | 7401 Crystal Ridge SW | Albuquerque | NM | 87121 | Delivered | Return Receipt - Electronic, Certified Mail | 04-15-2019 |
| 9314869904300058030794 | 2019-04-12 8:29 AM | Western Commerce Bank, f/b/o The Estate of | | 127 S. Canyon St | Carlsbad | NM | 87160 | Delivered | Return Receipt - Electronic, Certified Mail | 04-15-2019 |
| 9314869904300058030787 | 2019-04-12 8:29 AM | Phipps Living Trust | | 3013 Sycamore Court | Moore | OK | 73160 | Delivered | Return Receipt - Electronic, Certified Mail | 04-15-2019 |
| 9314869904300058030770 | 2019-04-12 8:29 AM | Marifred Handley | | 5 Las Casitas | Las Cruces | NM | 88007 | Undelivered | Return Receipt - Electronic, Certified Mail | 04-15-2019 |
| 9314869904300058030763 | 2019-04-12 8:29 AM | Ed Kennedy, Jr. | | 4040 Broadway, Suite 617 | San Antonio | TX | 78209 | Forwarded | Return Receipt - Electronic, Certified Mail | |
| 9314869904300058030756 | 2019-04-12 8:29 AM | Blakemore Family Royalty Partnership | | P.O. Box 432 | Midland | TX | 79702 | Delivered | Return Receipt - Electronic, Certified Mail | |
| 9314869904300058030749 | 2019-04-12 8:29 AM | Estate of Margaret Jones Kennedy, widow of | | 5555 San Felipe St. | Houston | TX | 77056 | Delivered | Return Receipt - Electronic, Certified Mail | 04-23-2019 |
| 9314869904300058030732 | 2019-04-12 8:29 AM | Marathon Oil Permian LLC | | 15 East 5th St., Suite 330 | Tulsa | OK | 74103 | Delivered | Return Receipt - Electronic, Certified Mail | 04-15-2019 |
| 9314869904300058030725 | 2019-04-12 8:29 AM | Suzannah D. Adelson, Trustee of the James | | 15 East 5th St., Suite 330 | Tulsa | OK | 74103 | Delivered | Return Receipt - Electronic, Certified Mail | 04-15-2019 |
| 9314869904300058030718 | 2019-04-12 8:29 AM | Zunis Energy, LLC | | 408 Kennison Dr. | Houston | TX | 77070 | Delivered | Return Receipt - Electronic, Certified Mail | 04-15-2019 |
| 9314869904300058030701 | 2019-04-12 8:29 AM | Noble Energy, Inc. | | 1001 Noble Energy Way | Austin | TX | 78752 | Mailed | Return Receipt - Electronic, Certified Mail | |
| 9314869904300058030695 | 2019-04-12 8:29 AM | Teresa Joliffe King | | P.O. Box 1258 | Effers | FL | 34680 | Mailed | Return Receipt - Electronic, Certified Mail | 04-18-2019 |
| 9314869904300058030688 | 2019-04-12 8:29 AM | Samuel H. Joliffe, V | | 1329 Parkhill Dr. | Billings | MT | 59102 | Delivered | Return Receipt - Electronic, Certified Mail | |
| 9314869904300058030671 | 2019-04-12 8:29 AM | Trinidad Joliffe | | 3150 Mcmasters Rd. | Billings | MT | 59101 | Mailed | Return Receipt - Electronic, Certified Mail | |
| 9314869904300058030664 | 2019-04-12 8:29 AM | Teresa H. Joliffe, IV, Life Estate | | 5507 Singletree Rd. | Billings | MT | 59101 | Mailed | Return Receipt - Electronic, Certified Mail | |
| 9314869904300058030657 | 2019-04-12 8:29 AM | Mary Lou Hernandez | | 2409 Washington Street | Carlsbad | NM | 88220 | Delivered | Return Receipt - Electronic, Certified Mail | 04-16-2019 |
| 9314869904300058030640 | 2019-04-12 8:29 AM | Margaret Carrasco | | 1509 W. Green Street | Carlsbad | NM | 88220 | Delivered | Return Receipt - Electronic, Certified Mail | 04-15-2019 |
| 9314869904300058030633 | 2019-04-12 8:29 AM | Esther Hernandez | | 4040 Broadway, Suite 617 | Carlsbad | NM | 88220 | Delivered | Return Receipt - Electronic, Certified Mail | 04-17-2019 |
| 9314869904300058030626 | 2019-04-12 8:29 AM | Blakemore Family Limited | | P.O. Box 50250 | San Antonio | TX | 78209 | Forwarded | Return Receipt - Electronic, Certified Mail | |
| 9314869904300058030619 | 2019-04-12 8:29 AM | Finwing Corporation | | 2224 Brentwood Dr. | Midland | TX | 79710 | Delivered | Return Receipt - Electronic, Certified Mail | 04-17-2019 |
| 9314869904300058030602 | 2019-04-12 8:29 AM | Norman L. Stevens III, Trustee of the Norman L. | Stevens, Jr. Irrevocable Trust | P.O. Box 229 | Houston | TX | 77019 | Delivered | Return Receipt - Electronic, Certified Mail | 04-22-2019 |
| 9314869904300058030596 | 2019-04-12 8:29 AM | DSO Energy Resources, LLC | | 5 Greenway Plaza, Suite 110 | Fort Worth | TX | 76101 | Mailed | Return Receipt - Electronic, Certified Mail | |
| 9314869904300058030572 | 2019-04-12 8:29 AM | OXY USA WTP, LTD | | 1919 N. Turner Street | Hobbs | TX | 77046 | Mailed | Return Receipt - Electronic, Certified Mail | |
| 9314869904300058030559 | 2019-04-12 8:29 AM | Roy G. Barton, Jr., Trustee of the Roy G. Barton | and Opal Barton Revocable Trust | P.O. Box 728 | Hobbs | NM | 88240 | Delivered | Return Receipt - Electronic, Certified Mail | 04-15-2019 |
| 9314869904300058030555 | 2019-04-12 8:29 AM | Norma J. Chanley | | 7404 Lemonwood Ln. | Fort Worth | TX | 76133 | Delivered | Return Receipt - Electronic, Certified Mail | 04-15-2019 |
| 9314869904300058030558 | 2019-04-12 8:29 AM | John Guitar Witherspoon, Jr | | P.O. Box 100635 | Fort Worth | TX | 76185 | Delivered | Return Receipt - Electronic, Certified Mail | 04-18-2019 |
| 9314869904300058030541 | 2019-04-12 8:29 AM | Brett Guitar Witherspoon | | P.O. Box 1684 | Midland | TX | 79702 | Mailed | Return Receipt - Electronic, Certified Mail | |
| 9314869904300058030534 | 2019-04-12 8:29 AM | Trabajo Del Spear, LP | | 4350 S. Monaco St., 5th Floor | Denver | CO | 80237 | Undelivered | Return Receipt - Electronic, Certified Mail | |
| 9314869904300058030527 | 2019-04-12 8:29 AM | Sisbro Oil & Gas, LLC | | 4350 S. Monaco St., 5th Floor | Denver | CO | 80237 | Undelivered | Return Receipt - Electronic, Certified Mail | |
| 9314869904300058030510 | 2019-04-12 8:29 AM | Mizel Resources, A Trust | | 3838 Oak Lawn Ave., Suite 1525 | Denver | TX | 75219 | Delivered | Return Receipt - Electronic, Certified Mail | 04-15-2019 |
| 9314869904300058030503 | 2019-04-12 8:29 AM | Ozark Exploration, Inc. | | P.O. Box 4438 | Dallas | TX | 77210 | Delivered | Return Receipt - Electronic, Certified Mail | 04-16-2019 |
| 9314869904300058030497 | 2019-04-12 8:29 AM | CL&F Resources, L.P. | | | Houston | TX | | | Return Receipt - Electronic, Certified Mail | |

Karlene Schuman
Modrall Sperling Roehl Harris & Sisk P.A.
500 Fourth Street, Suite 1000
Albuquerque NM 87102

PS Form 3877

Type of Mailing: CERTIFIED MAIL
04/12/2019



Firm Mailing Book ID: 165086

81363-
0124

| Line | USPS Article Number | Name, Street, City, State, Zip | Postage | Service Fee | RR Fee | Rest.Del.Fee | Reference Contents |
|------|-----------------------------|---|---------|-------------|--------|--------------|----------------------|
| 1 | 9314 8699 0430 0058 0304 97 | CL&F Resources, L.P. P.O. Box 4438 Houston TX 77210 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 2 | 9314 8699 0430 0058 0305 03 | Ozark Exploration, Inc. 3838 Oak Lawn Ave., Suite 1525 Dallas TX 75219 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 3 | 9314 8699 0430 0058 0305 10 | Mizel Resources, A Trust 4350 S. Monaco St., 5th Floor Denver CO 80237 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 4 | 9314 8699 0430 0058 0305 27 | Sisbro Oil & Gas, LLC 4350 S. Monaco St., 5th Floor Denver CO 80237 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 5 | 9314 8699 0430 0058 0305 34 | Trabajo Del Spear, LP P.O. Box 1684 Midland TX 79702 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 6 | 9314 8699 0430 0058 0305 41 | Brett Guitar Witherspoon P.O. Box 100635 Fort Worth TX 76185 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 7 | 9314 8699 0430 0058 0305 58 | John Guitar Witherspoon, Jr 7404 Lemonwood Ln. Fort Worth TX 76133 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 8 | 9314 8699 0430 0058 0305 65 | Norma J. Chanley P.O. Box 728 Hobbs NM 88241 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 9 | 9314 8699 0430 0058 0305 72 | Roy G. Barton, Jr., Trustee of the Roy G. Barton and Opal Barton Revocable Trust 1919 N. Turner Street Hobbs NM 88240 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 10 | 9314 8699 0430 0058 0305 89 | OXY USA WTP, LTD 5 Greenway Plaza, Suite 110 Houston TX 77046 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 11 | 9314 8699 0430 0058 0305 96 | DSD Energy Resources, LLC P.O. Box 229 Fort Worth TX 76101 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 12 | 9314 8699 0430 0058 0306 02 | Norman L. Stevens III, Trustee of the Norman L. Stevens, Jr. Irrevocable Trust 2224 Brentwood Dr. Houston TX 77019 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 13 | 9314 8699 0430 0058 0306 19 | Finwing Corporation P.O. Box 50250 Midland TX 79710 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 14 | 9314 8699 0430 0058 0306 26 | Blakemore Family Limited 4040 Broadway, Suite 617 San Antonio TX 78209 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 15 | 9314 8699 0430 0058 0306 33 | Esther Hernandez 1509 W. Green Street Carlsbad NM 88220 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |



Karlene Schuman
Modrall Sperlger Roehl Harris & Sisk P.A.
500 Fourth Street, Suite 1000
Albuquerque NM 87102

PS Form 3877

Type of Mailing: CERTIFIED MAIL
04/12/2019



Firm Mailing Book ID: 165086

| Line | USPS Article Number | Name, Street, City, State, Zip | Postage | Service Fee | RR Fee | Rest.Del.Fee | Reference Contents |
|------|-----------------------------|---|---------|-------------|--------|--------------|----------------------|
| 16 | 9314 8699 0430 0058 0306 40 | Margaret Carrasco 2409 Washington Street Carlsbad NM 88220 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 17 | 9314 8699 0430 0058 0306 57 | Mary Lou Hernandez 5507 Singletree Rd. Carlsbad NM 88220 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 18 | 9314 8699 0430 0058 0306 64 | Sam H. Jolliffe, IV, Life Estate 3150 McMasters Rd. Billings MT 59101 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 19 | 9314 8699 0430 0058 0306 71 | Teresa H. Jolliffe, IV 3150 McMasters Rd. Billings MT 59101 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 20 | 9314 8699 0430 0058 0306 88 | Trinidad Jolliffe 1329 Parkhill Dr. Billings MT 59102 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 21 | 9314 8699 0430 0058 0306 95 | Samuel H. Jolliffe, V P.O. Box 1258 Elfers FL 34680 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 22 | 9314 8699 0430 0058 0307 01 | Teresa Jolliffe King 408 Kenniston Dr. Austin TX 78752 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 23 | 9314 8699 0430 0058 0307 18 | Noble Energy, Inc. 1001 Noble Energy Way Houston TX 77070 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 24 | 9314 8699 0430 0058 0307 25 | Zumis Energy, LLC 15 East 5th St., Suite 330 Tulsa OK 74103 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 25 | 9314 8699 0430 0058 0307 32 | Susannah D. Adelson, Trustee of the James Adelson & Family 2015 Trusts 15 East 5th St., Suite 330 Tulsa OK 74103 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 26 | 9314 8699 0430 0058 0307 49 | Marathon Oil Permian LLC 5555 San Felipe St. Houston TX 77056 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 27 | 9314 8699 0430 0058 0307 56 | Estate of Margaret Jones Kennedy, widow of Ed Kennedy, Jr. P.O. Box 432 Midland TX 79702 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 28 | 9314 8699 0430 0058 0307 63 | Blakemore Family Royalty Partnership 4040 Broadway, Suite 617 San Antonio TX 78209 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 29 | 9314 8699 0430 0058 0307 70 | Marifred Handley 5 Las Casitas Las Cruces NM 88007 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 30 | 9314 8699 0430 0058 0307 87 | Phipps Living Trust 3013 Sycamore Court Moore OK 73160 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |



Karlene Schuman
Modrall Sperling Roehl Harris & Sisk P.A.
500 Fourth Street, Suite 1000
Albuquerque NM 87102

PS Form 3877

Type of Mailing: CERTIFIED MAIL
04/12/2019



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| Line | USPS Article Number | Name, Street, City, State, Zip | Postage | Service Fee | RR Fee | Rest.Del.Fee | Reference Contents |
|----------------|-----------------------------|--|----------------|-----------------|----------------|---------------|-------------------------|
| 31 | 9314 8699 0430 0058 0307 94 | Western Commerce Bank, f/b/o The Estate of Forrest Church Miller 127 S. Canyon St Carlsbad NM 88220 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 32 | 9314 8699 0430 0058 0308 00 | Jay Paul Miller 7401 Crystal Ridge SW Albuquerque NM 87121 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 33 | 9314 8699 0430 0058 0308 17 | David Scott Miller PO Box 3 Taylor AZ 85939 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 34 | 9314 8699 0430 0058 0308 24 | Julie J. Lara 6780 North Eagle Road Las Cruces NM 88012 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 35 | 9314 8699 0430 0058 0308 31 | Kathleen A. Phillips PO Box 11313 Midland TX 79702 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 36 | 9314 8699 0430 0058 0308 48 | Jeffrey B. Diamond PO Box 1866 Carlsbad NM 88221 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 37 | 9314 8699 0430 0058 0308 55 | Dick A. Blenden PO Box 1446 Carlsbad NM 88221 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 38 | 9314 8699 0430 0058 0308 62 | Robert & Carol Levenson 4015 88th Pl Lubbock TX 79423 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 39 | 9314 8699 0430 0058 0308 79 | Sandra Blenden 1746 N Cherokee Ave Apt 1a Los Angeles CA 90028 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 40 | 9314 8699 0430 0058 0308 86 | Robin Shelton 5501 24th St NE Tacoma WA 98422 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| 41 | 9314 8699 0430 0058 0308 93 | Phil Blenden 902 Fountain Dr Carlsbad NM 88220 | \$1.15 | \$3.50 | \$1.60 | \$0.00 | 81363-Neptune Notice |
| Totals: | | | \$47.15 | \$143.50 | \$65.60 | \$0.00 | Grand Total: |
| | | | | | | | \$256.25 |

List Number of Pieces
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Total Number of Pieces
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Postmaster:
Name of receiving employee

Dated:



CARLSBAD
CURRENT-ARGUS

AFFIDAVIT OF PUBLICATION

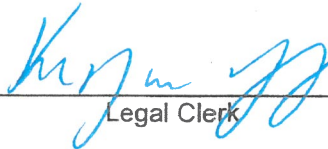
Ad No.
0001283426

MODRALL SPERLING
PO BOX 2168

ALBUQUERQUE NM 87103

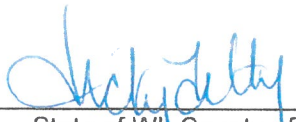
I, a legal clerk of the **Carlsbad Current-Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

04/17/19



Legal Clerk

Subscribed and sworn before me this
17th of April 2019.

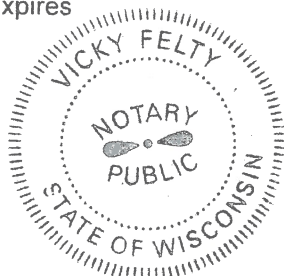


State of WI, County of Brown
NOTARY PUBLIC

9-19-21

My Commission Expires

Ad#:0001283426
P O : 20471
of Affidavits :0.00



CASE No. 20471: Notice to all affected parties, as well as the heirs and devisees of CL&F RESOURCES, L.P.; OZARK EXPLORATION, INC.; MIZEL RESOURCES, A TRUST; SISBRO OIL & GAS, LLC; TRABAJO DEL SPEAR, LP; BRETT GUITAR WITHERSPOON; JOHN GUITAR WITHERSPOON, JR; NORMA J. CHANLEY; RC G. BARTON, JR., TRUSTEE OF THE ROY G. B. TON AND OPAL BARTON REVOCABLE TRUST; OXY USA WTP, LTD; DSD ENERGY RESOURCES, LLC; NORMAN L. STEVENS III, TRUSTEE OF THE NORMAN L. STEVENS, JR. IRREVOCABLE TRUST; FINWING CORPORATION; BLAKEMORE FAMILY LIMITED; ESTHER HERNANDEZ; MARGARET CARRASCO; MAR LOU HERNANDEZ; SAM H. JOLLIFFE, IV, LIFE ESTATE; TERESA H. JOLLIFFE, IV; TRINIDAD JOLLIFFE; SAMUEL H. JOLLIFFE, V; TERESA JOLLIFFE KING; NOBLE ENERGY, INC.; ZUNI ENERGY, LLC; SUSANNAH D. ADELSON, TRUSTEE OF THE JAMES ADELSON & FAMILY 2015 TRUSTS; MARATHON OIL PERMIAN LLC ESTATE OF MARGARET JONES KENNEDY, WIDOW OF ED KENNEDY, JR.; BLAKEMORE FAMILY ROYALTY PARTNERSHIP; MARIFRED HANDLEY; PHIPPS LIVING TRUST; WESTERN COMMERCE BANK, F/B/O THE ESTATE OF FORREST CHURCH MILLER; JAY PAUL MILLER; DAVID SCOTT MILLER; JULIE J. LARA; KATHLEEN A. PHILLIPS; JEFFREY B. DIAMOND; DICK A. BLENDE; ROBERT & CAROL LEVENSON; SANDRA BLENDE; ROBIN SHEPARD; PHIL BLENDE of Marathon Oil Permian LLC's application for approval of a spacing unit and compulsory pooling, Eddy County, New Mexico. The State of New Mexico, through its Oil Conservation Division, hereby gives notice that the Division will conduct a public hearing at 8:15 a.m. on May 2, 2019. Applicant seeks an order from the Division pooling all uncommitted mineral interests within a Wolfcamp horizontal spacing unit underlying the W/2 of Section 5, Township 23 South, Range 28 East, NMPM, Eddy County, New Mexico. This spacing unit will be dedicated to the Neptune 8 WXY Fee 1H; Neptune 8 WA Fee 3H; Neptune 8 WXY Fee 5H; Neptune 8 WA Fee 7H; Neptune 8 WD Fee 2H; Neptune 8 WD Fee 4H; Neptune 8 WD Fee 8H wells to be horizontally drilled. Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Marathon as operator of the wells, and a 200% charge for risk involved in drilling said wells, and allowing a one year period between when the wells are drilled and when the first well is completed. Said area is located approximately 3.5 miles North/Northwest of Loving, New Mexico. Pub: April 17, 2019 #1283426

CASE No. 20471: Notice to all affected parties, as well as the heirs and devisees of CL&F RESOURCES, L.P.; OZARK EXPLORATION, INC.; MIZEL RESOURCES, A TRUST; SISBRO OIL & GAS, LLC; TRABAJO DEL SPEAR, LP; BRETT GUITAR WITHERSPOON; JOHN GUITAR WITHERSPOON, JR; NORMA J. CHANLEY; ROY G. BARTON, JR., TRUSTEE OF THE ROY G. BARTON AND OPAL BARTON REVOCABLE TRUST; OXY USA WTP, LTD; DSD ENERGY RESOURCES, LLC; NORMAN L. STEVENS III, TRUSTEE OF THE NORMAN L. STEVENS, JR. IRREVOCABLE TRUST; FINWING CORPORATION; BLAKEMORE FAMILY LIMITED; ESTHER HERNANDEZ; MARGARET CARRASCO; MARY LOU HERNANDEZ; SAM H. JOLLIFFE, IV, LIFE ESTATE; TERESA H. JOLLIFFE, IV; TRINIDAD JOLLIFFE; SAMUEL H. JOLLIFFE, V; TERESA JOLLIFFE KING; NOBLE ENERGY, INC.; ZUNIS ENERGY, LLC; SUSANNAH D. ADELSON, TRUSTEE OF THE JAMES ADELSON & FAMILY 2015 TRUSTS; MARATHON OIL PERMIAN LLC; ESTATE OF MARGARET JONES KENNEDY, WIDOW OF ED KENNEDY, JR.; BLAKEMORE FAMILY ROYALTY PARTNERSHIP; MARIFRED HANDLEY; PHIPPS LIVING TRUST; WESTERN COMMERCE BANK, F/B/O THE ESTATE OF FORREST CHURCH MILLER; JAY PAUL MILLER; DAVID SCOTT MILLER; JULIE J. LARA; KATHLEEN A. PHILLIPS; JEFFREY B. DIAMOND; DICK A. BLENDEN; ROBERT & CAROL LEVENSON; SANDRA BLENDEN; ROBIN SHELTON; PHIL BLENDEN of Marathon Oil Permian LLC's application for approval of a spacing unit and compulsory pooling, Eddy County, New Mexico. The State of New Mexico, through its Oil Conservation Division, hereby gives notice that the Division will conduct a public hearing at 8:15 a.m. on May 2, 2019. Applicant seeks an order from the Division pooling all uncommitted mineral interests within a Wolfcamp horizontal spacing unit underlying the W/2 of Section 5, Township 23 South, Range 28 East, NMPM, Eddy County, New Mexico. This spacing unit will be dedicated to the Neptune 8 WXY Fee 1H; Neptune 8 WA Fee 3H; Neptune 8 WXY Fee 5H; Neptune 8 WA Fee 7H; Neptune 8 WD Fee 2H; Neptune 8 WD Fee 4H; Neptune 8 WD Fee 8H wells, to be horizontally drilled. Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Marathon as operator of the wells, and a 200% charge for risk involved in drilling said wells, and allowing a one year period between when the wells are drilled and when the first well is completed. Said area is located approximately 3.5 miles North/Northwest of Loving, New Mexico.
Pub: April 17, 2019 #1283426

Exhibit B

Wolfcamp formation in the area. The target zones for the wells is the Wolfcamp Y Sand and the Wolfcamp A, identified by the words "Producing Zone" and the shaded area across the cross section, along with a red arrow. The Wolfcamp Y Sand thickness varies slightly from North to South, The Wolfcamp A thickness is relatively consistent from North to South.

7. **Exhibit 10** is a Gross Interval Isochore of the Wolfcamp to Wolfcamp B. The formation is relatively uniform across the proposed well unit.

8. **Exhibit 11** identifies five wells in the vicinity of the proposed Lower Wolfcamp wells, which are the WD wells, and has a line of cross-section running from A to A'.

9. **Exhibit 12** is a stratigraphic cross section showing the Wolfcamp D2 datum, also for the Lower Wolfcamp wells. The well logs on the cross-section give a representative sample of the Wolfcamp formation in the area. The target zones for the wells are identified by the words "Producing Zone" and the shaded area across the cross section, along with a red arrow. The Wolfcamp C2 interval thickens from North to South. The Wolfcamp D2 thickness is relatively consistent from across the unit.

10. **Exhibit 13** is a Gross Interval Isochore of the Wolfcamp C2 to D3. The formation is relatively uniform across the proposed well unit.

11. I conclude from the maps that:

- a. The horizontal spacing unit is justified from a geologic standpoint.
- b. There are no structural impediments or faulting that will interfere with horizontal development.
- c. Each quarter quarter section in the unit will contribute more or less equally to production.

12. The preferred well orientation in this area is either North/South or East/West. This is because SH_{max} is $\sim 45^\circ$ from North within this unit.
13. Exhibits 7-13 were prepared by me or under my supervision or compiled from company business records.
14. The granting of this application is in the interests of conservation and the prevention of waste.

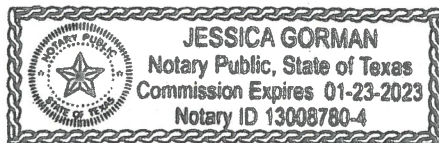
[Signature page follows]

M. Baker
Matt Baker

SUBSCRIBED AND SWORN to before me this 1st day of May, 2019 by Matt Baker,
on behalf of Marathon Oil Permian LLC.

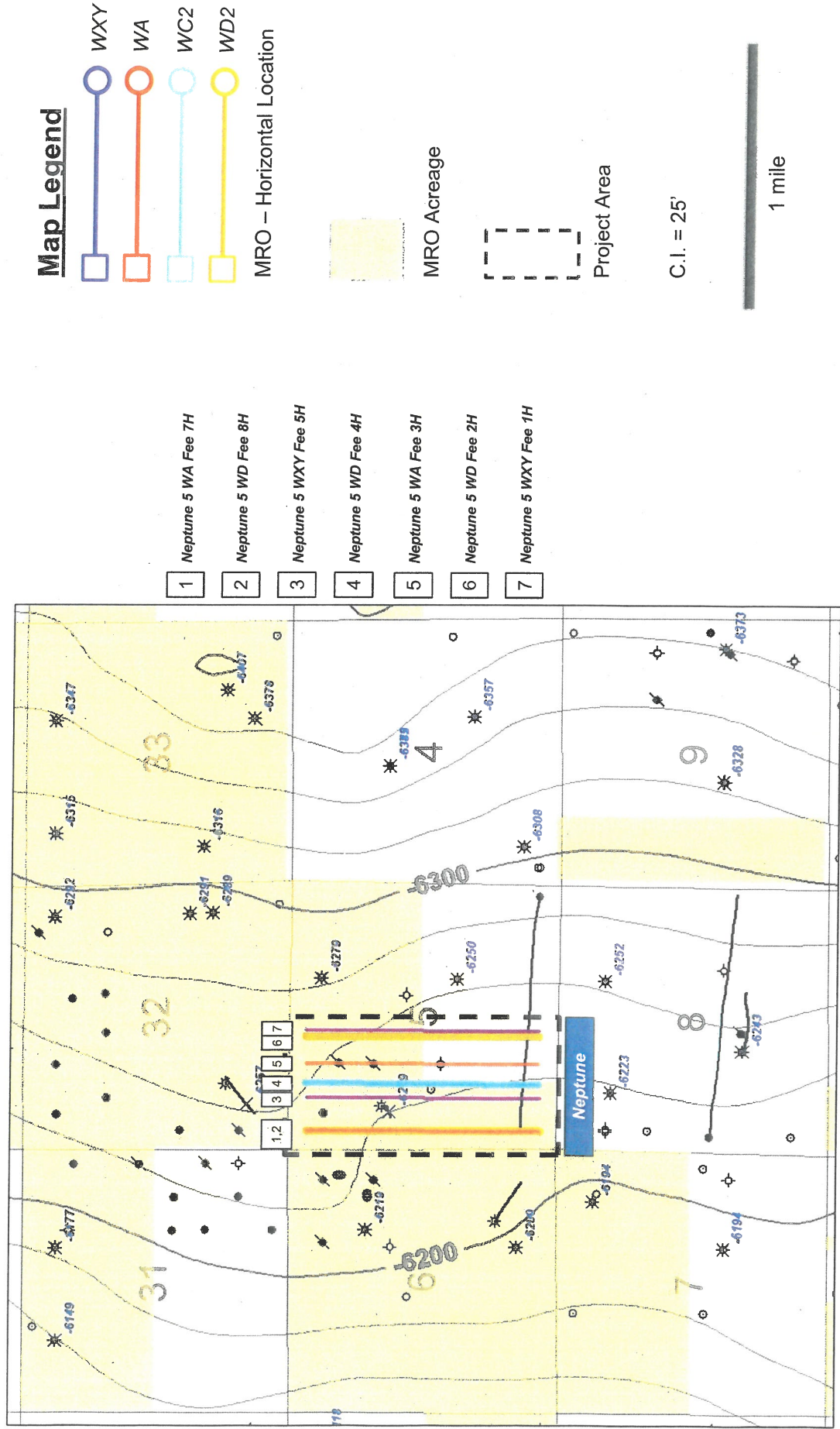
Jessica Gorman
Notary Public

My commission expires: 1/23/2023



Neptune 5 Fee Unit

Structure Map – Top of Wolfcamp (SSTVD)



Map Legend

- WXY
- WA
- WC2
- WD2
- MRO – Horizontal Location



MRO Acreage



Project Area

C.I. = 25'

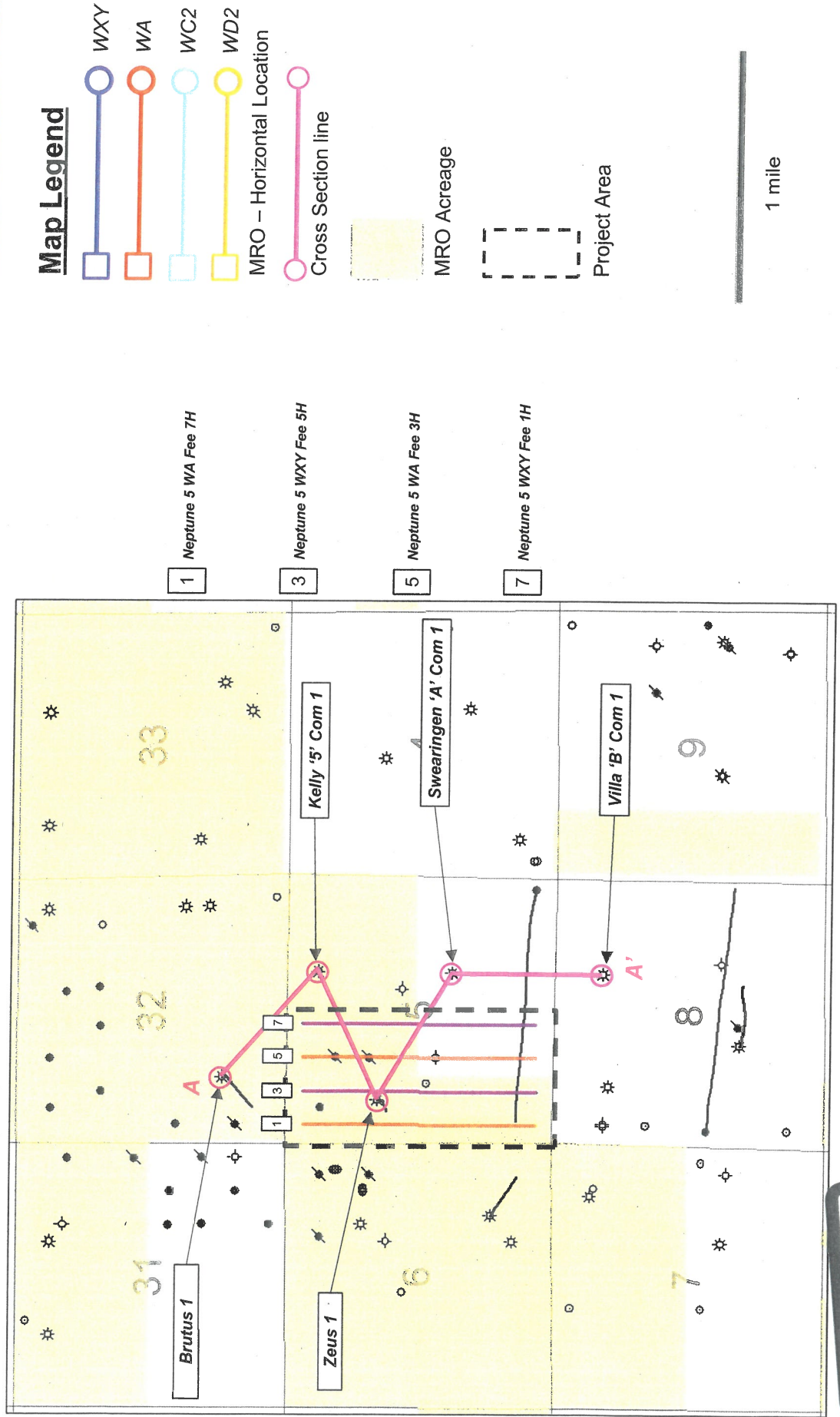


EXHIBIT
7

tabbles

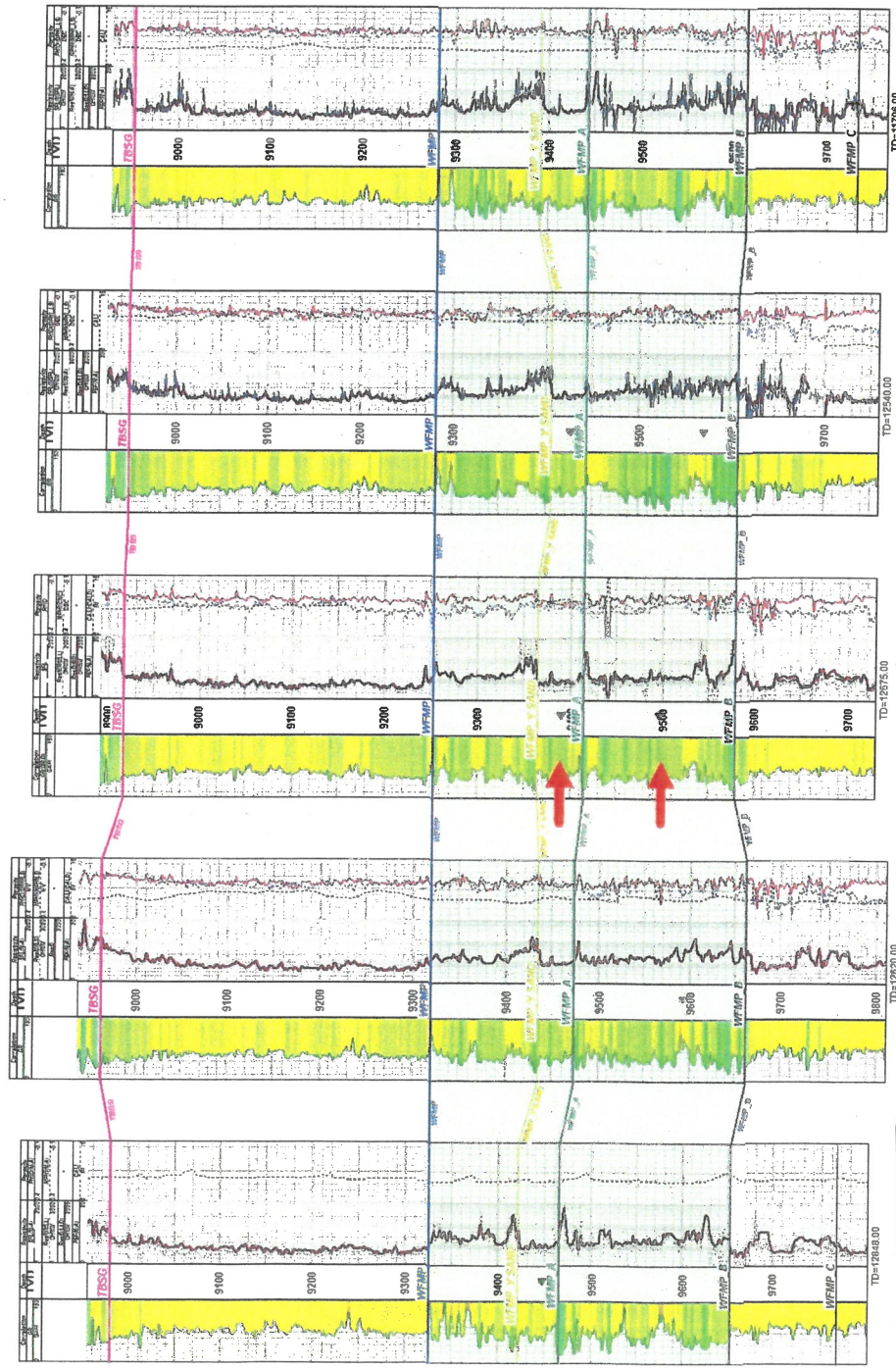
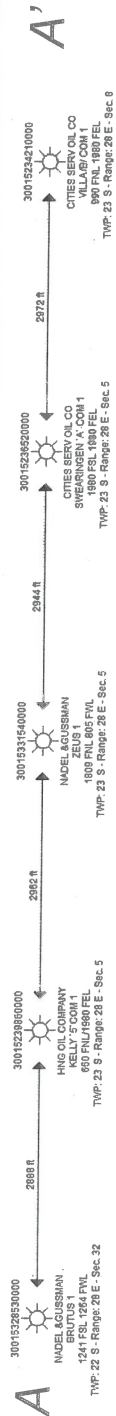
Neptune 5 Fee Unit

Reference Map for Cross Section – Upper Wolfcamp Wells



Neptune 5 Fee Unit

Stratigraphic Cross Section (Top Wolfcamp Datum)



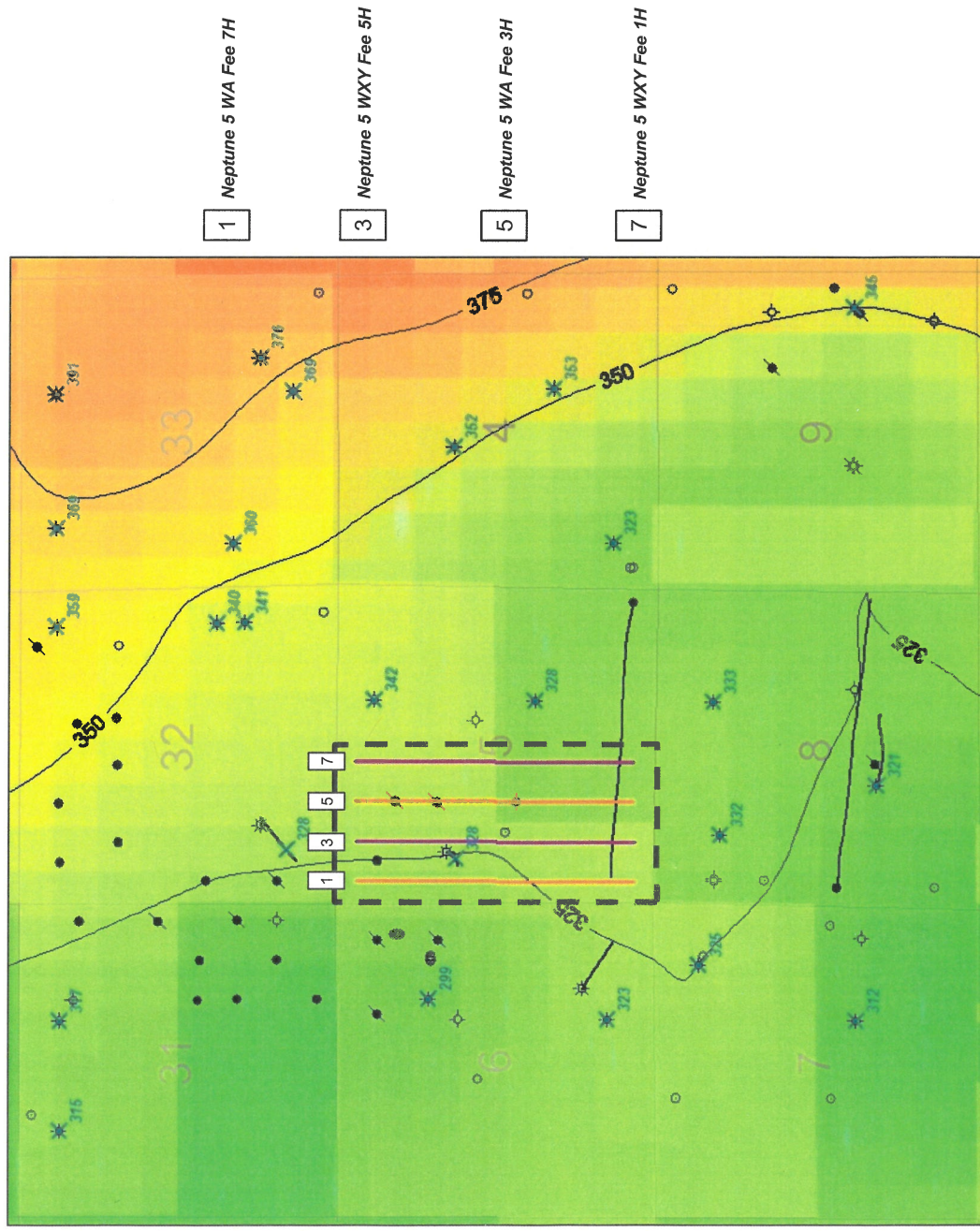
Wolfcamp Y-Sand thickness varies slightly from North to South

Wolfcamp A thickness relatively consistent from North to South

Producing Zone

Neptune 5 Fee Unit

Gross Interval Isochore – Wolfcamp to Wolfcamp B



EXHIBIT

10

tables

Neptune 5 Fee Unit

Reference Map for Cross Section – Lower Wolfcamp Wells

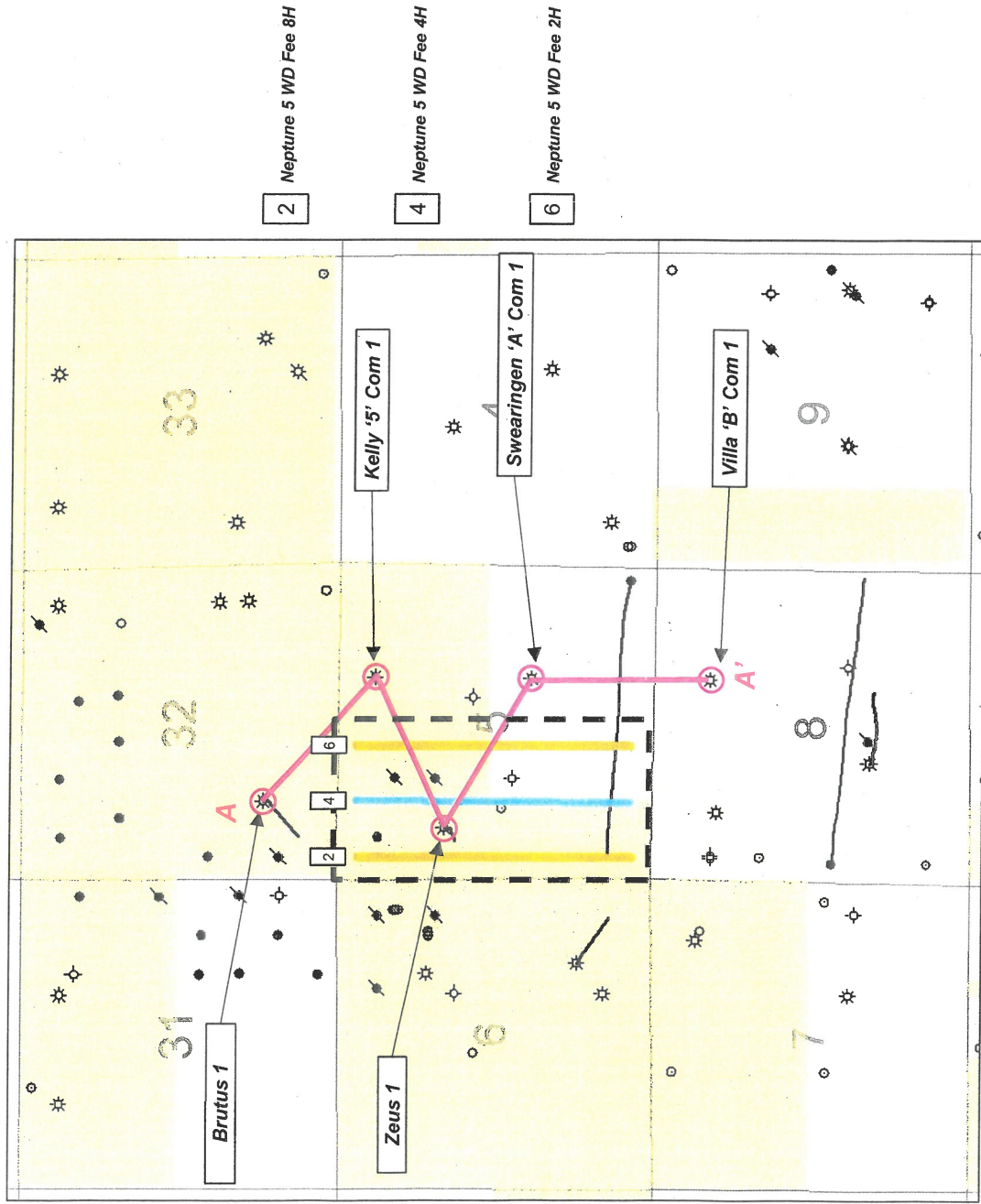
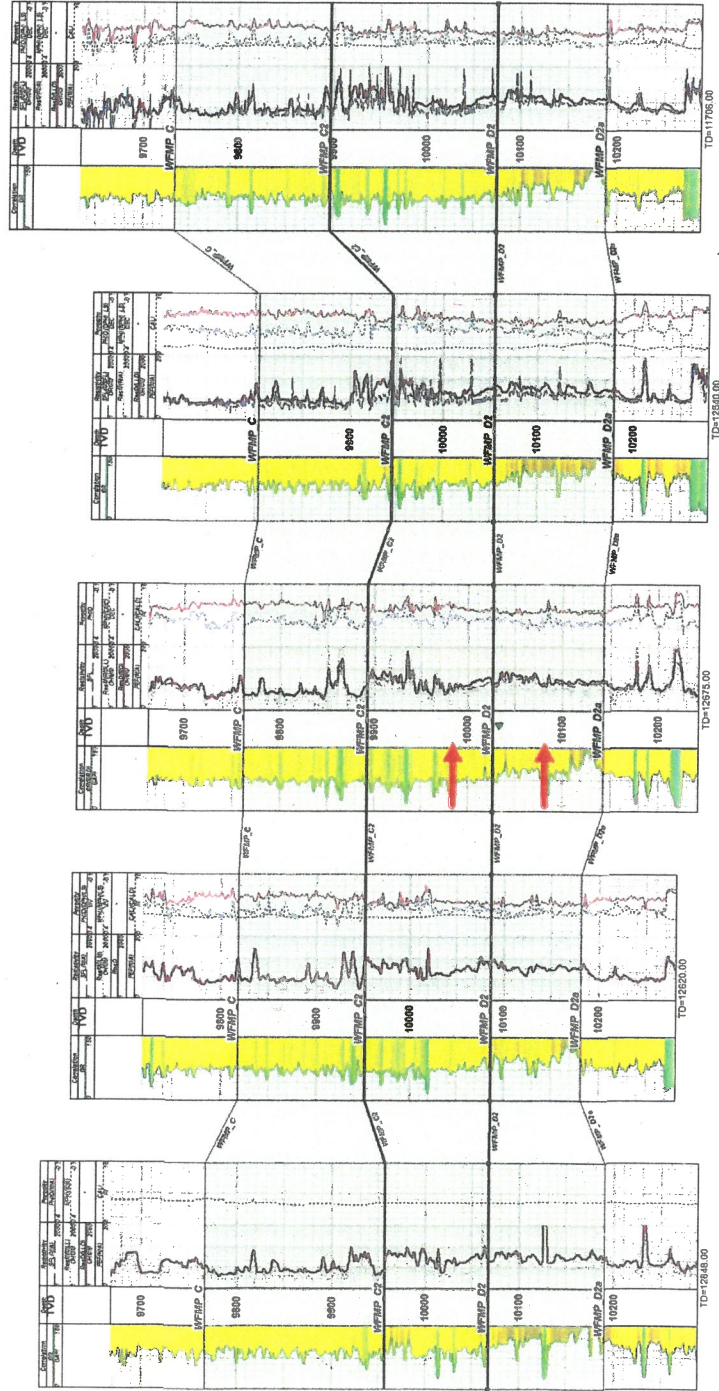


Exhibit 12

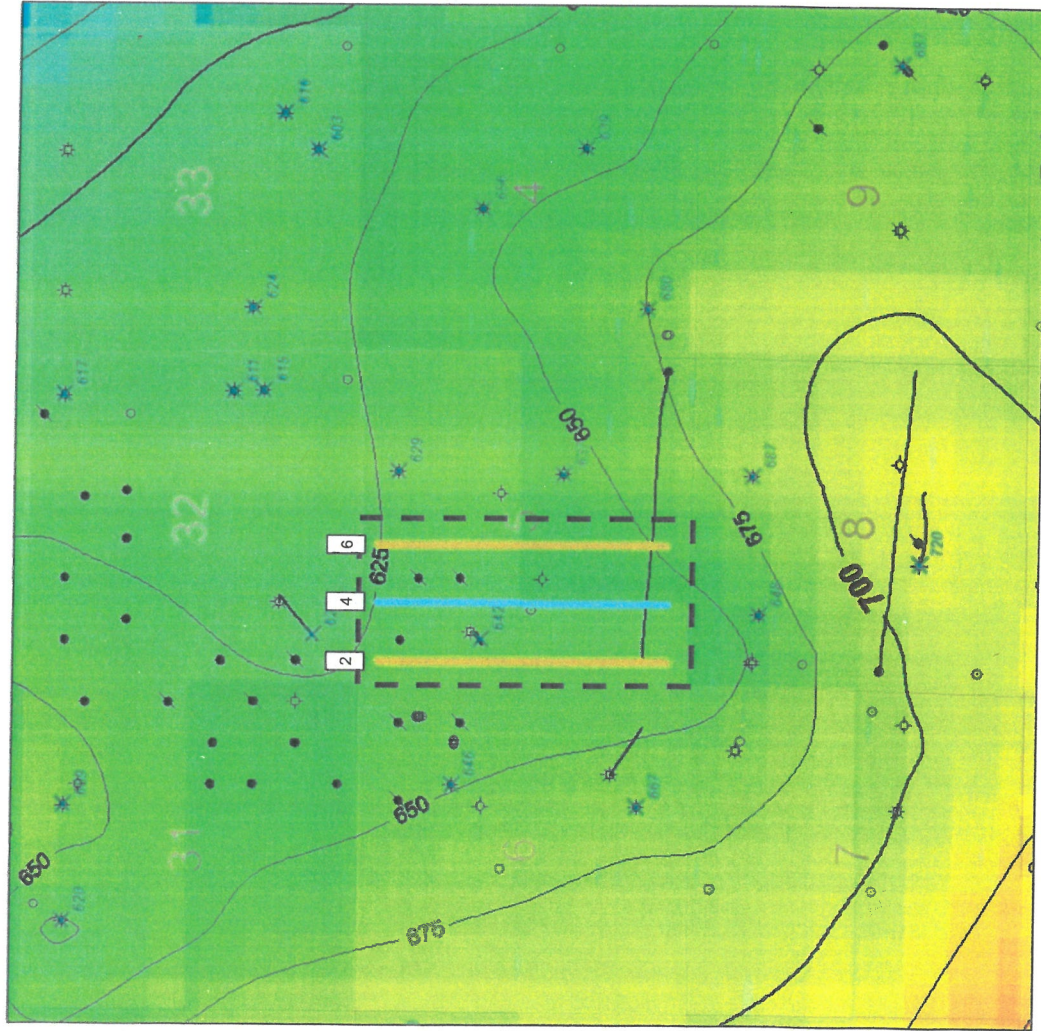
Stratigraphic Cross Section (Wolfcamp D2 Datum)



Producing Zone

Neptune 5 Fee Unit

Gross Interval Isochore—Wolfcamp C2 to Wolfcamp D3



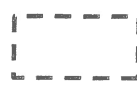
- 2 Neptune 5 WD Fee 8H
- 4 Neptune 5 WD Fee 4H
- 6 Neptune 5 WD Fee 2H

Map Legend

- WXY
- WA
- WC2
- WD2
- MRO – Horizontal Location
- Cross Section line



MRO Acreage



Project Area

