# BEFORE THE OIL CONSERVATION COMMISSION EXAMINER HEARING SEPTEMEBER 18, 2025

**CASE NO. 25371** 

COTERRA - NOS. R-23089 AND R-23089-A

### LEA COUNTY, NEW MEXICO



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

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

**OCC CASE NO. 25371** 

APPLICATIONS OF CIMAREX ENERGY CO. FOR A HORIZONTAL SPACING UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

CASE NOS. 23448-23455

APPLICATIONS OF CIMAREX ENERGY CO. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

CASE NOS. 23594-23601

APPLICATIONS OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NOS. 23508-23523

APPLICATION OF READ & STEVENS, INC. FOR THE CREATION OF A SPECIAL WOLFBONE POOL IN SECTIONS 4, 5, 8 AND 9, TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM, LEA COUNTY, NEW MEXICO.

**CASE NO. 24528** 

APPLICATION OF CIMAREX ENERGY CO. FOR THE CREATION OF A SPECIAL POOL, A WOLFBONE POOL, PURSUANT TO ORDER NO. R-23089 AND TO REOPEN CASE NOS. 23448 – 23455, 23594 – 23601, AND 23508 – 23523, LEA COUNTY, NEW MEXICO.

CASE NO. 24541 ORDER NO. R-23089 ORDER NO. R-23089-A

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

APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. <u>23508</u>

**APPLICATION** 

Read & Stevens, Inc., through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 4 (NW/4 NW/4 equivalent), the SW/4 NW/4, and the W/2 SW/4 of Section 4 and the W/2 W/2 of Section 9, Township 20 South, Range

1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.

34 East, NMPM, Lea County, New Mexico. In support of its application, Applicant states:

2. Applicant seeks to designate Permian Resources Operating, LLC (OGRID No. 372165) as the operator of the proposed horizontal spacing unit and of the proposed initial wells.

3. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the following proposed initial wells:

Bane 4-9 Federal Com 111H, 121H, 122H, 171H, and 131H wells, to be horizontally drilled from a surface location in the NE/4 NW/4 (Lot 3) of Section 4, Township 20 South, Range 34 East, to bottom hole locations in the SW/4 SW/4 (Unit M) of Section 9, Township 20 South, Range 34 East.

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BEFORE THE OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Exhibit No. A
Submitted by: Read & Stevens, Inc.
Hearing Date: September 18, 2025
Case No. 25371

- 4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all interest owners in the subject spacing unit.
- 5. The pooling of interests will allow Applicant to obtain a just and fair share of the oil and gas underlying the subject lands, avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.
- 6. This application competes with the *Application of Cimarex Energy Co. for a Horizontal Spacing and Proration Unit and Compulsory Pooling, Lea County, New Mexico* filed in Case No. 23453. Applicant therefore requests that this matter be set on the June 1, 2023, and consolidated with Case No. 23453 for a contested hearing under the Prehearing Order issued in these competing cases.

- A. Pooling all uncommitted interests in the horizontal well spacing unit;
- B. Designating Permian Resources Operating, LLC (OGRID No. 372165) as operator of the horizontal spacing unit and the horizontal wells to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, completing, and equipping the wells;
- Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and

E. Imposing a 200% penalty for the risk assumed by Applicant in drilling and completing the wells against any working interest owner who does not voluntarily participate in the drilling of the wells.

Respectfully submitted,

HOLLAND & HART LLP

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CASE :

Application of Read & Stevens, Inc. for Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 4 (NW/4 NW/4 equivalent), the SW/4 NW/4, and the W/2 SW/4 of Section 4 and the W/2 W/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. Said unit will be initially dedicated to the proposed Bane 4-9 Federal Com 111H, 121H, 122H, 171H, and 131H wells, to be horizontally drilled from a surface location in the NE/4 NW/4 (Lot 3) of Section 4, Township 20 South, Range 34 East, to bottom hole locations in the SW/4 SW/4 (Unit M) of Section 9, Township 20 South, Range 34 East. Also, to be considered will be the cost of drilling and completing the well and the allocation of the cost thereof, actual operating costs and charges for supervision, designation of Applicant as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 27 miles southwest of Hobbs, New Mexico.

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

APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. <u>23509</u>

#### **APPLICATION**

Read & Stevens, Inc., through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 3 (NE/4 NW/4 equivalent), the SE/4 NW/4, and the E/2 SW/4 of Section 4 and the E/2 W/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. In support of its application, Applicant states:

- 1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
- 2. Applicant seeks to designate Permian Resources Operating, LLC (OGRID No. 372165) as the operator of the proposed horizontal spacing unit and of the proposed initial wells.
- 3. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the following proposed initial wells:
  - Bane 4-9 Federal Com 112H, 123H, 124H, 172H, 132H wells, to be horizontally drilled from a surface location in the NE/4 NW/4 (Lot 3) of Section 4, Township 20 South, Range 34 East, to bottom hole locations in the SE/4 SW/4 (Unit N) of Section 9, Township 20 South, Range 34 East.

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- 4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all interest owners in the subject spacing unit.
- 5. The pooling of interests will allow Applicant to obtain a just and fair share of the oil and gas underlying the subject lands, avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.
- 6. This application competes with the *Application of Cimarex Energy Co. for a Horizontal Spacing and Proration Unit and Compulsory Pooling, Lea County, New Mexico* filed in Case No. 23454. Applicant therefore requests that this matter be set on the June 1, 2023, and consolidated with Case No. 23454 for a contested hearing under the Prehearing Order issued in these competing cases.

- A. Pooling all uncommitted interests in the horizontal well spacing unit;
- B. Designating Permian Resources Operating, LLC (OGRID No. 372165) as operator of the horizontal spacing unit and the horizontal wells to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, completing, and equipping the wells;
- D. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and

E. Imposing a 200% penalty for the risk assumed by Applicant in drilling and completing the wells against any working interest owner who does not voluntarily participate in the drilling of the wells.

Respectfully submitted,

HOLLAND & HART LLP

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**CASE** \_\_\_\_:

Application of Read & Stevens, Inc. for Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 3 (NE/4 NW/4 equivalent), the SE/4 NW/4, and the E/2 SW/4 of Section 4 and the E/2 W/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. Said unit will be initially dedicated to the proposed Bane 4-9 Federal Com 112H, 123H, 124H, 172H, 132H wells, to be horizontally drilled from a surface location in the NE/4 NW/4 (Lot 3) of Section 4, Township 20 South, Range 34 East, to bottom hole locations in the SE/4 SW/4 (Unit N) of Section 9, Township 20 South, Range 34 East. Also, to be considered will be the cost of drilling and completing the well and the allocation of the cost thereof, actual operating costs and charges for supervision, designation of Applicant as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 27 miles southwest of Hobbs, New Mexico.

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

APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. <u>23510</u>

#### **APPLICATION**

Read & Stevens, Inc., through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 2 (NW/4 NE/4 equivalent), the SW/4 NE/4, and the W/2 SE/4 of Section 4 and the W/2 E/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. In support of its application, Applicant states:

- 1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
- 2. Applicant seeks to designate Permian Resources Operating, LLC (OGRID No. 372165) as the operator of the proposed horizontal spacing unit and of the proposed initial wells.
- 3. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the following proposed initial wells:
  - Bane 4-9 Federal Com 113H and 173H wells, to be horizontally drilled from a surface location in the NW/4 NE/4 (Lot 2) of Section 4, Township 20 South, Range 34 East, to bottom hole locations in the SW/4 SE/4 (Unit O) of Section 9, Township 20 South, Range 34 East; and

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- Bane 4-9 Federal Com 125H, 126H, and 133H wells, to be horizontally drilled from a surface location in the NE/4 NE/4 (Lot 1) of Section 4, Township 20 South, Range 34 East, to bottom hole locations in the SW/4 SE/4 (Unit O) of Section 9, Township 20 South, Range 34 East.
- 4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all interest owners in the subject spacing unit.
- 5. The pooling of interests will allow Applicant to obtain a just and fair share of the oil and gas underlying the subject lands, avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.
- 6. This application competes with the *Application of Cimarex Energy Co. for a Horizontal Spacing and Proration Unit and Compulsory Pooling, Lea County, New Mexico* filed in Case No. 23455. Applicant therefore requests that this matter be set on the June 1, 2023, and consolidated with Case No. 23455 for a contested hearing under the Prehearing Order issued in these competing cases.

- A. Pooling all uncommitted interests in the horizontal well spacing unit;
- B. Designating Permian Resources Operating, LLC (OGRID No. 372165) as operator of the horizontal spacing unit and the horizontal wells to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, completing, and equipping the wells;

- D. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- E. Imposing a 200% penalty for the risk assumed by Applicant in drilling and completing the wells against any working interest owner who does not voluntarily participate in the drilling of the wells.

Respectfully submitted,

**HOLLAND & HART LLP** 

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CASE :

**Application of Read & Stevens, Inc. for Compulsory Pooling, Lea County, New Mexico.** Applicant in the above-styled cause seeks an order order pooling all uncommitted interests in the Bone Spring formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 2 (NW/4 NE/4 equivalent), the SW/4 NE/4, and the W/2 SE/4 of Section 4 and the W/2 E/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. Said unit will be dedicated to the following proposed initial wells:

- Bane 4-9 Federal Com 113H and 173H wells, to be horizontally drilled from a surface location in the NW/4 NE/4 (Lot 2) of Section 4, Township 20 South, Range 34 East, to bottom hole locations in the SW/4 SE/4 (Unit O) of Section 9, Township 20 South, Range 34 East; and
- Bane 4-9 Federal Com 125H, 126H, and 133H wells, to be horizontally drilled from a surface location in the NE/4 NE/4 (Lot 1) of Section 4, Township 20 South, Range 34 East, to bottom hole locations in the SW/4 SE/4 (Unit O) of Section 9, Township 20 South, Range 34 East.

Also, to be considered will be the cost of drilling and completing the wells and the allocation of the cost thereof, actual operating costs and charges for supervision, designation of Applicant as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 27 miles southwest of Hobbs, New Mexico.

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

APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. <u>23511</u>

#### **APPLICATION**

Read & Stevens, Inc., through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 1 (NE/4 NE/4 equivalent), the SE/4 NE/4, and the E/2 SE/4 of Section 4 and the E/2 E/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. In support of its application, Applicant states:

- 1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
- 2. Applicant seeks to designate Permian Resources Operating, LLC (OGRID No. 372165) as the operator of the proposed horizontal spacing unit and of the proposed initial wells.
- 3. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the following proposed initial wells:
  - Bane 4-9 Federal Com 114H, 127H, 128H, 174H, 134H wells, to be horizontally drilled from a surface location in the NE/4 NE/4 (Lot 1) of Section 4, Township 20 South, Range 34 East, to bottom hole locations in the SE/4 SE/4 (Unit P) of Section 9, Township 20 South, Range 34 East.

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- 4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all interest owners in the subject spacing unit.
- 5. The pooling of interests will allow Applicant to obtain a just and fair share of the oil and gas underlying the subject lands, avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.
- 6. This application competes with the *Application of Cimarex Energy Co. for a Horizontal Spacing and Proration Unit and Compulsory Pooling, Lea County, New Mexico* filed in Case No. 23452. Applicant therefore requests that this matter be set on the June 1, 2023, and consolidated with Case No. 23452 for a contested hearing under the Prehearing Order issued in these competing cases.

- A. Pooling all uncommitted interests in the horizontal well spacing unit;
- B. Designating Permian Resources Operating, LLC (OGRID No. 372165) as operator of the horizontal spacing unit and the horizontal wells to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, completing, and equipping the wells;
- D. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and

E. Imposing a 200% penalty for the risk assumed by Applicant in drilling and completing the wells against any working interest owner who does not voluntarily participate in the drilling of the wells.

Respectfully submitted,

**HOLLAND & HART LLP** 

Bv:

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CASE :

Application of Read & Stevens, Inc. for Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 1 (NE/4 NE/4 equivalent), the SE/4 NE/4, and the E/2 SE/4 of Section 4 and the E/2 E/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. Said unit will be initially dedicated to the proposed Bane 4-9 Federal Com 114H, 127H, 128H, 174H, 134H wells, to be horizontally drilled from a surface location in the NE/4 NE/4 (Lot 1) of Section 4, Township 20 South, Range 34 East, to bottom hole locations in the SE/4 SE/4 (Unit P) of Section 9, Township 20 South, Range 34 East. Also, to be considered will be the cost of drilling and completing the wells and the allocation of the cost thereof, actual operating costs and charges for supervision, designation of Applicant as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 27 miles southwest of Hobbs, New Mexico.

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

APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. <u>23512</u>

#### APPLICATION

Read & Stevens, Inc., through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Wolfcamp formation underlying a standard 320-acre, more or less, horizontal well spacing unit comprised of Lot 4 (NW/4 NW/4 equivalent), the SW/4 NW/4, and the W/2 SW/4 of Section 4 and the W/2 W/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. In support of its application, Applicant states:

- 1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
- Applicant seeks to designate Permian Resources Operating, LLC (OGRID No.
   372165) as the operator of the proposed horizontal spacing unit and of the proposed initial well.
- 3. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the following proposed initial well:
  - Bane 4-9 Federal Com 201H well, to be horizontally drilled from a surface location in the NE/4 NW/4 (Lot 3) of Section 4, Township 20 South, Range 34 East, to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 9, Township 20 South, Range 34 East.

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- 4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all interest owners in the subject spacing unit.
- 5. The pooling of interests will allow Applicant to obtain a just and fair share of the oil and gas underlying the subject lands, avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.

- A. Pooling all uncommitted interests in the horizontal well spacing unit;
- B. Designating Permian Resources Operating, LLC (OGRID No. 372165) as operator of the horizontal spacing unit and the horizontal well to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, completing, and equipping the well;
- Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- E. Imposing a 200% penalty for the risk assumed by Applicant in drilling and completing the well against any working interest owner who does not voluntarily participate in the drilling of the well.

Respectfully submitted,

**HOLLAND & HART LLP** 

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**CASE** \_\_\_\_:

Application of Read & Stevens, Inc. for Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the Wolfcamp formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 4 (NW/4 NW/4 equivalent), the SW/4 NW/4, and the W/2 SW/4 of Section 4 and the W/2 W/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. Said unit will be initially dedicated to the proposed Bane 4-9 Federal Com 201H well, to be horizontally drilled from a surface location in the NE/4 NW/4 (Lot 3) of Section 4, Township 20 South, Range 34 East, to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 9, Township 20 South, Range 34 East. Also, to be considered will be the cost of drilling and completing the well and the allocation of the cost thereof, actual operating costs and charges for supervision, designation of Applicant as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 27 miles southwest of Hobbs, New Mexico.

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

APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. <u>23513</u>

#### **APPLICATION**

Read & Stevens, Inc., through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Wolfcamp formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 3 (NE/4 NW/4 equivalent), the SE/4 NW/4, and the E/2 SW/4 of Section 4 and the E/2 W/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. In support of its application, Applicant states:

- 1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
- 2. Applicant seeks to designate Permian Resources Operating, LLC (OGRID No. 372165) as the operator of the proposed horizontal spacing unit and of the proposed initial well.
- 3. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the following proposed initial well:
  - Bane 4-9 Federal Com 202H well, to be horizontally drilled from a surface location in the NE/4 NW/4 (Lot 3) of Section 4, Township 20 South, Range 34 East, to bottom a hole location in the SE/4 SW/4 (Unit N) of Section 9, Township 20 South, Range 34 East.

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- 4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all interest owners in the subject spacing unit.
- 5. The pooling of interests will allow Applicant to obtain a just and fair share of the oil and gas underlying the subject lands, avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.

- A. Pooling all uncommitted interests in the horizontal well spacing unit;
- B. Designating Permian Resources Operating, LLC (OGRID No. 372165) as operator of the horizontal spacing unit and the horizontal well to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, completing, and equipping the well;
- D. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- E. Imposing a 200% penalty for the risk assumed by Applicant in drilling and completing the well against any working interest owner who does not voluntarily participate in the drilling of the well.

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Respectfully submitted,

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**CASE** \_\_\_\_:

Application of Read & Stevens, Inc. for Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the Wolfcamp formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 3 (NE/4 NW/4 equivalent), the SE/4 NW/4, and the E/2 SW/4 of Section 4 and the E/2 W/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. Said unit will be initially dedicated to the proposed Bane 4-9 Federal Com 202H well, to be horizontally drilled from a surface location in the NE/4 NW/4 (Lot 3) of Section 4, Township 20 South, Range 34 East, to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 9, Township 20 South, Range 34 East. Also, to be considered will be the cost of drilling and completing the well and the allocation of the cost thereof, actual operating costs and charges for supervision, designation of Applicant as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 27 miles southwest of Hobbs, New Mexico.

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

APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. <u>23514</u>

#### **APPLICATION**

Read & Stevens, Inc., through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Wolfcamp formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 2 (NW/4 NE/4 equivalent), the SW/4 NE/4, and the W/2 SE/4 of Section 4 and the W/2 E/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. In support of its application, Applicant states:

- 1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
- 2. Applicant seeks to designate Permian Resources Operating, LLC (OGRID No. 372165) as the operator of the proposed horizontal spacing unit and of the proposed initial well.
- 3. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the following proposed initial well:
  - Bane 4-9 Federal Com 203H well, to be horizontally drilled from a surface location in the NE/4 NE/4 (Lot 1) of Section 4, Township 20 South, Range 34 East, to a bottom hole location in the SW/4 SE/4 (Unit O) of Section 9, Township 20 South, Range 34 East.

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- 4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all interest owners in the subject spacing unit.
- 5. The pooling of interests will allow Applicant to obtain a just and fair share of the oil and gas underlying the subject lands, avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.

- A. Pooling all uncommitted interests in the horizontal well spacing unit;
- B. Designating Permian Resources Operating, LLC (OGRID No. 372165) as operator of the horizontal spacing unit and the horizontal well to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, completing, and equipping the well;
- Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- E. Imposing a 200% penalty for the risk assumed by Applicant in drilling and completing the well against any working interest owner who does not voluntarily participate in the drilling of the well.

Respectfully submitted,

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**CASE** \_\_\_\_:

Application of Read & Stevens, Inc. for Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the Wolfcamp formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 2 (NW/4 NE/4 equivalent), the SW/4 NE/4, and the W/2 SE/4 of Section 4  $\,$ and the W/2 E/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. Said unit will be initially dedicated to the proposed Bane 4-9 Federal Com 203H well, to be horizontally drilled from a surface location in the NE/4 NE/4 (Lot 1) of Section 4, Township 20 South, Range 34 East, to a bottom hole location in the SW/4 SE/4 (Unit O) of Section 9, Township 20 South, Range 34 East. Also, to be considered will be the cost of drilling and completing the well and the allocation of the cost thereof, actual operating costs and charges for supervision, designation of Applicant as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 27 miles southwest of Hobbs, New Mexico.

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

APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. <u>23515</u>

#### **APPLICATION**

Read & Stevens, Inc., through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Wolfcamp formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 1 (NE/4 NE/4 equivalent), the SE/4 NE/4, and the E/2 SE/4 of Section 4 and the E/2 E/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. In support of its application, Applicant states:

- 1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
- 2. Applicant seeks to designate Permian Resources Operating, LLC (OGRID No. 372165) as the operator of the proposed horizontal spacing unit and of the proposed initial well.
- 3. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the following proposed initial well:
  - Bane 4-9 Federal Com 204H well, to be horizontally drilled from a surface location in the NE/4 NE/4 (Lot 1) of Section 4, Township 20 South, Range 34 East, to a bottom hole location in the SE/4 SE/4 (Unit P) of Section 9, Township 20 South, Range 34 East.

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- 4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all interest owners in the subject spacing unit.
- 5. The pooling of interests will allow Applicant to obtain a just and fair share of the oil and gas underlying the subject lands, avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.

- A. Pooling all uncommitted interests in the horizontal well spacing unit;
- B. Designating Permian Resources Operating, LLC (OGRID No. 372165) as operator of the horizontal spacing unit and the horizontal well to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, completing, and equipping the well;
- Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- E. Imposing a 200% penalty for the risk assumed by Applicant in drilling and completing the well against any working interest owner who does not voluntarily participate in the drilling of the well.

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Respectfully submitted,

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**CASE** \_\_\_\_:

Application of Read & Stevens, Inc. for Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the Wolfcamp formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 1 (NE/4 NE/4 equivalent), the SE/4 NE/4, and the E/2 SE/4 of Section 4 and the E/2 E/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. Said unit will be initially dedicated to the proposed Bane 4-9 Federal Com 204H well, to be horizontally drilled from a surface location in the NE/4 NE/4 (Lot 1) of Section 4, Township 20 South, Range 34 East, to a bottom hole location in the SE/4 SE/4 (Unit P) of Section 9, Township 20 South, Range 34 East. Also, to be considered will be the cost of drilling and completing the well and the allocation of the cost thereof, actual operating costs and charges for supervision, designation of Applicant as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 27 miles southwest of Hobbs, New Mexico.

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

APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. 23516

### **APPLICATION**

Read & Stevens, Inc., through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 4 (NW/4 NW/4 equivalent), the SW/4 NW/4, and the W/2 SW/4 of Section 5 and the W/2 W/2 of Section 8, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. In support of its application, Applicant states:

- 1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
- 2. Applicant seeks to designate Permian Resources Operating, LLC (OGRID No. 372165) as the operator of the proposed horizontal spacing unit and of the proposed initial wells.
- 3. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the following proposed initial wells:
  - Joker 5-8 Federal Com 111H, 121H, 122H, 171H, and 131H wells, to be horizontally drilled from a surface location in the NE/4 NW/4 (Lot 3) of Section 5, Township 20 South, Range 34 East, to bottom hole locations in the SW/4 SW/4 (Unit M) of Section 8, Township 20 South, Range 34 East.

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- 4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all interest owners in the subject spacing unit.
- 5. The pooling of interests will allow Applicant to obtain a just and fair share of the oil and gas underlying the subject lands, avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.
- 6. This application competes with the *Application of Cimarex Energy Co. for a Horizontal Spacing and Proration Unit and Compulsory Pooling, Lea County, New Mexico* filed in Case No. 23449. Applicant therefore requests that this matter be set on the June 1, 2023, and thereafter consolidated with Case No. 23449 for a contested hearing under the Prehearing Order issued in these competing cases.

- A. Pooling all uncommitted interests in the horizontal well spacing unit;
- B. Designating Permian Resources Operating, LLC (OGRID No. 372165) as operator of the horizontal spacing unit and the horizontal wells to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, completing, and equipping the wells;
- D. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and

E. Imposing a 200% penalty for the risk assumed by Applicant in drilling and completing the wells against any working interest owner who does not voluntarily participate in the drilling of the wells.

Respectfully submitted,

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**CASE** \_\_\_\_:

Application of Read & Stevens, Inc. for Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 4 (NW/4 NW/4 equivalent), the SW/4 NW/4, and the W/2 SW/4 of Section 5 and the W/2 W/2 of Section 8, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. Said unit will be initially dedicated to the proposed Joker 5-8 Federal Com 111H, 121H, 122H, 171H, and 131H wells, to be horizontally drilled from a surface location in the NE/4 NW/4 (Lot 3) of Section 5, Township 20 South, Range 34 East, to bottom hole locations in the SW/4 SW/4 (Unit M) of Section 8, Township 20 South, Range 34 East. Also, to be considered will be the cost of drilling and completing the well and the allocation of the cost thereof, actual operating costs and charges for supervision, designation of Applicant as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 40 miles northeast of Carlsbad, New Mexico.

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

APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. 23517

### **APPLICATION**

Read & Stevens, Inc., through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 3 (NE/4 NW/4 equivalent), the SE/4 NW/4, and the E/2 SW/4 of Section 5 and the E/2 W/2 of Section 8, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. In support of its application, Applicant states:

- 1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
- 2. Applicant seeks to designate Permian Resources Operating, LLC (OGRID No. 372165) as the operator of the proposed horizontal spacing unit and of the proposed initial wells.
- 3. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the following proposed initial wells:
  - Joker 5-8 Federal Com 112H, 123H, 124H, 172H, 132H wells, to be horizontally drilled from a surface location in the NE/4 NW/4 (Lot 3) of Section 5, Township 20 South, Range 34 East, to bottom hole locations in the SE/4 SW/4 (Unit N) of Section 8, Township 20 South, Range 34 East.

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- 4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all interest owners in the subject spacing unit.
- 5. The pooling of interests will allow Applicant to obtain a just and fair share of the oil and gas underlying the subject lands, avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.
- 6. This application competes with the *Application of Cimarex Energy Co. for a Horizontal Spacing and Proration Unit and Compulsory Pooling, Lea County, New Mexico* filed in Case No. 23450. Applicant therefore requests that this matter be set on the June 1, 2023, and consolidated with Case No. 23450 for a contested hearing under the Prehearing Order issued in these competing cases.

- A. Pooling all uncommitted interests in the horizontal well spacing unit;
- B. Designating Permian Resources Operating, LLC (OGRID No. 372165) as operator of the horizontal spacing unit and the horizontal wells to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, completing, and equipping the wells;
- D. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and

E. Imposing a 200% penalty for the risk assumed by Applicant in drilling and completing the wells against any working interest owner who does not voluntarily participate in the drilling of the wells.

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CASE :

Application of Read & Stevens, Inc. for Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 3 (NE/4 NW/4 equivalent), the SE/4 NW/4, and the E/2 SW/4 of Section 5 and the E/2 W/2 of Section 8, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. Said unit will be initially dedicated to the proposed Joker 5-8 Federal Com 112H, 123H, 124H, 172H, 132H wells, to be horizontally drilled from a surface location in the NE/4 NW/4 (Lot 3) of Section 5, Township 20 South, Range 34 East, to bottom hole locations in the SE/4 SW/4 (Unit N) of Section 8, Township 20 South, Range 34 East. Also, to be considered will be the cost of drilling and completing the well and the allocation of the cost thereof, actual operating costs and charges for supervision, designation of Applicant as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 40 miles northeast of Carlsbad, New Mexico.

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

APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. 23518

### **APPLICATION**

Read & Stevens, Inc., through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 2 (NW/4 NE/4 equivalent), the SW/4 NE/4, and the W/2 SE/4 of Section 5 and the W/2 E/2 of Section 8, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. In support of its application, Applicant states:

- 1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
- 2. Applicant seeks to designate Permian Resources Operating, LLC (OGRID No. 372165) as the operator of the proposed horizontal spacing unit and of the proposed initial wells.
- 3. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the following proposed initial wells:
  - Joker 5-8 Federal Com 113H, 125H, 126H, 173H, 133H wells, to be horizontally drilled from a surface location in the NW/4 NE/4 (Lot 2) of Section 5, Township 20 South, Range 34 East, to bottom hole locations in the SW/4 SE/4 (Unit O) of Section 8, Township 20 South, Range 34 East.

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- 4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all interest owners in the subject spacing unit.
- 5. The pooling of interests will allow Applicant to obtain a just and fair share of the oil and gas underlying the subject lands, avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.
- 6. This application competes with the *Application of Cimarex Energy Co. for a Horizontal Spacing and Proration Unit and Compulsory Pooling, Lea County, New Mexico* filed in Case No. 23451. Applicant therefore requests that this matter be set on the June 1, 2023, and consolidated with Case No. 23451 for a contested hearing under the Prehearing Order issued in these competing cases.

- A. Pooling all uncommitted interests in the horizontal well spacing unit;
- B. Designating Permian Resources Operating, LLC (OGRID No. 372165) as operator of the horizontal spacing unit and the horizontal wells to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, completing, and equipping the wells;
- Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and

E. Imposing a 200% penalty for the risk assumed by Applicant in drilling and completing the wells against any working interest owner who does not voluntarily participate in the drilling of the wells.

Respectfully submitted,

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**CASE** \_\_\_\_:

Application of Read & Stevens, Inc. for Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 2 (NW/4 NE/4 equivalent), the SW/4 NE/4, and the W/2 SE/4 of Section 5 and the W/2 E/2 of Section 8, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. Said unit will be initially dedicated to the proposed Joker 5-8 Federal Com 113H, 125H, 126H, 173H, 133H wells, to be horizontally drilled from a surface location in the NW/4 NE/4 (Lot 2) of Section 5, Township 20 South, Range 34 East, to bottom hole locations in the SW/4 SE/4 (Unit O) of Section 8, Township 20 South, Range 34 East. Also, to be considered will be the cost of drilling and completing the well and the allocation of the cost thereof, actual operating costs and charges for supervision, designation of Applicant as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 27 miles southwest of Hobbs, New Mexico.

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

APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. 23519

### **APPLICATION**

Read & Stevens, Inc., through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 1 (NE/4 NE/4 equivalent), the SE/4 NE/4, and the E/2 SE/4 of Section 5 and the E/2 E/2 of Section 8, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. In support of its application, Applicant states:

- 1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
- 2. Applicant seeks to designate Permian Resources Operating, LLC (OGRID No. 372165) as the operator of the proposed horizontal spacing unit and of the proposed initial wells.
- 3. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the following proposed initial wells:
  - Joker 5-8 Federal Com 114H, 127H, 128H, 174H, 134H wells, to be horizontally drilled from a surface location in the NW/4 NE/4 (Lot 2) of Section 5, Township 20 South, Range 34 East, to bottom hole locations in the SE/4 SE/4 (Unit P) of Section 8, Township 20 South, Range 34 East.

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- 4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all interest owners in the subject spacing unit.
- 5. The pooling of interests will allow Applicant to obtain a just and fair share of the oil and gas underlying the subject lands, avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.
- 6. This application competes with the *Application of Cimarex Energy Co. for a Horizontal Spacing and Proration Unit and Compulsory Pooling, Lea County, New Mexico* filed in Case No. 23448. Applicant therefore requests that this matter be set on the June 1, 2023, and consolidated with Case No. 23448 for a contested hearing under the Prehearing Order issued in these competing cases.

- A. Pooling all uncommitted interests in the horizontal well spacing unit;
- B. Designating Permian Resources Operating, LLC (OGRID No. 372165) as operator of the horizontal spacing unit and the horizontal wells to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, completing, and equipping the wells;
- D. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and

E. Imposing a 200% penalty for the risk assumed by Applicant in drilling and completing the wells against any working interest owner who does not voluntarily participate in the drilling of the wells.

Respectfully submitted,

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Received by OCD: 4/14/2023 12017221PPM

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**CASE** \_\_\_\_:

Application of Read & Stevens, Inc. for Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 1 (NE/4 NE/4 equivalent), the SE/4 NE/4, and the E/2 SE/4 of Section 5 and the E/2 E/2 of Section 8, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. Said unit will be initially dedicated to the proposed Joker 5-8 Federal Com 114H, 127H, 128H, 174H, 134H wells, to be horizontally drilled from a surface location in the NW/4 NE/4 (Lot 2) of Section 5, Township 20 South, Range 34 East, to bottom hole locations in the SE/4 SE/4 (Unit P) of Section 8, Township 20 South, Range 34 East. Also, to be considered will be the cost of drilling and completing the wells and the allocation of the cost thereof, actual operating costs and charges for supervision, designation of Applicant as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 27 miles southwest of Hobbs, New Mexico.

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

APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. 23520

### APPLICATION

Read & Stevens, Inc., through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Wolfcamp formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 4 (NW/4 NW/4 equivalent), the SW/4 NW/4, and the W/2 SW/4 of Section 5 and the W/2 W/2 of Section 8, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. In support of its application, Applicant states:

- 1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
- 2. Applicant seeks to designate Permian Resources Operating, LLC (OGRID No. 372165) as the operator of the proposed horizontal spacing unit and of the proposed initial well.
- 3. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the following proposed initial well:
  - **Joker 5-8 Federal Com 201H** well, to be horizontally drilled from a surface location in the NE/4 NW/4 (Lot 3) of Section 5, Township 20 South, Range 34 East, to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 8, Township 20 South, Range 34 East.

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4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all interest owners in the subject spacing unit.

5. The pooling of interests will allow Applicant to obtain a just and fair share of the oil and gas underlying the subject lands, avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.

- A. Pooling all uncommitted interests in the horizontal well spacing unit;
- B. Designating Permian Resources Operating, LLC (OGRID No. 372165) as operator of the horizontal spacing unit and the horizontal well to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, completing, and equipping the well;
- Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- E. Imposing a 200% penalty for the risk assumed by Applicant in drilling and completing the well against any working interest owner who does not voluntarily participate in the drilling of the well.

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Respectfully submitted,

**HOLLAND & HART LLP** 

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CASE :

Application of Read & Stevens, Inc. for Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the Wolfcamp formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 4 (NW/4 NW/4 equivalent), the SW/4 NW/4, and the W/2 SW/4 of Section 5 and the W/2 W/2 of Section 8, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. Said unit will be initially dedicated to the proposed Joker 5-8 Federal Com 201H well, to be horizontally drilled from a surface location in the NE/4 NW/4 (Lot 3) of Section 5, Township 20 South, Range 34 East, to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 8, Township 20 South, Range 34 East. Also, to be considered will be the cost of drilling and completing the well and the allocation of the cost thereof, actual operating costs and charges for supervision, designation of Applicant as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 40 miles northeast of Carlsbad, New Mexico.

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

APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. 23521

### **APPLICATION**

Read & Stevens, Inc., through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Wolfcamp formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 3 (NE/4 NW/4 equivalent), the SE/4 NW/4, and the E/2 SW/4 of Section 5 and the E/2 W/2 of Section 8, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. In support of its application, Applicant states:

- 1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
- 2. Applicant seeks to designate Permian Resources Operating, LLC (OGRID No. 372165) as the operator of the proposed horizontal spacing unit and of the proposed initial well.
- 3. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the following proposed initial well:
  - **Joker 5-8 Federal Com 202H** well, to be horizontally drilled from a surface location in the NE/4 NW/4 (Lot 3) of Section 5, Township 20 South, Range 34 East, to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 8, Township 20 South, Range 34 East.

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4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all interest owners in the subject spacing unit.

5. The pooling of interests will allow Applicant to obtain a just and fair share of the oil and gas underlying the subject lands, avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.

- A. Pooling all uncommitted interests in the horizontal well spacing unit;
- B. Designating Permian Resources Operating, LLC (OGRID No. 372165) as operator of the horizontal spacing unit and the horizontal well to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, completing, and equipping the well;
- D. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- E. Imposing a 200% penalty for the risk assumed by Applicant in drilling and completing the well against any working interest owner who does not voluntarily participate in the drilling of the well.

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Respectfully submitted,

**HOLLAND & HART LLP** 

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CASE :

Application of Read & Stevens, Inc. for Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the Wolfcamp formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 3 (NE/4 NW/4 equivalent), the SE/4 NW/4, and the E/2 SW/4 of Section 5 and the E/2 W/2 of Section 8, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. Said unit will be initially dedicated to the proposed Joker 5-8 Federal Com 202H well, to be horizontally drilled from a surface location in the NE/4 NW/4 (Lot 3) of Section 5, Township 20 South, Range 34 East, to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 8, Township 20 South, Range 34 East. Also, to be considered will be the cost of drilling and completing the well and the allocation of the cost thereof, actual operating costs and charges for supervision, designation of Applicant as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 40 miles northeast of Carlsbad, New Mexico.

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

APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. <u>23522</u>

### **APPLICATION**

Read & Stevens, Inc., through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Wolfcamp formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 2 (NW/4 NE/4 equivalent), the SW/4 NE/4, and the W/2 SE/4 of Section 5 and the W/2 E/2 of Section 8, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. In support of its application, Applicant states:

- 1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
- 2. Applicant seeks to designate Permian Resources Operating, LLC (OGRID No. 372165) as the operator of the proposed horizontal spacing unit and of the proposed initial well.
- 3. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the following proposed initial well:
  - **Joker 5-8 Federal Com 203H** well, to be horizontally drilled from a surface location in the NW/4 NE/4 (Lot 2) of Section 5, Township 20 South, Range 34 East, to a bottom hole location in the SW/4 SE/4 (Unit O) of Section 8, Township 20 South, Range 34 East.

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4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all interest owners in the subject spacing unit.

5. The pooling of interests will allow Applicant to obtain a just and fair share of the oil and gas underlying the subject lands, avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.

- A. Pooling all uncommitted interests in the horizontal well spacing unit;
- B. Designating Permian Resources Operating, LLC (OGRID No. 372165) as operator of the horizontal spacing unit and the horizontal well to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, completing, and equipping the well;
- Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- E. Imposing a 200% penalty for the risk assumed by Applicant in drilling and completing the well against any working interest owner who does not voluntarily participate in the drilling of the well.

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Respectfully submitted,

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**CASE** \_\_\_\_:

Application of Read & Stevens, Inc. for Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the Wolfcamp formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 2 (NW/4 NE/4 equivalent), the SW/4 NE/4, and the W/2 SE/4 of Section 5 and the W/2 E/2 of Section 8, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. Said unit will be initially dedicated to the proposed Joker 5-8 Federal Com 203H well, to be horizontally drilled from a surface location in the NW/4 NE/4 (Lot 2) of Section 5, Township 20 South, Range 34 East, to a bottom hole location in the SW/4 SE/4 (Unit O) of Section 8, Township 20 South, Range 34 East. Also, to be considered will be the cost of drilling and completing the well and the allocation of the cost thereof, actual operating costs and charges for supervision, designation of Applicant as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 27 miles southwest of Hobbs, New Mexico.

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

APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. <u>235</u>23

### **APPLICATION**

Read & Stevens, Inc., through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Wolfcamp formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 1 (NE/4 NE/4 equivalent), the SE/4 NE/4, and the E/2 SE/4 of Section 5 and the E/2 E/2 of Section 8, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. In support of its application, Applicant states:

- 1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
- 2. Applicant seeks to designate Permian Resources Operating, LLC (OGRID No. 372165) as the operator of the proposed horizontal spacing unit and of the proposed initial well.
- 3. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the following proposed initial well:
  - **Joker 5-8 Federal Com 204H** well, to be horizontally drilled from a surface location in the NW/4 NE/4 (Lot 2) of Section 5, Township 20 South, Range 34 East, to a bottom hole location in the SE/4 SE/4 (Unit P) of Section 8, Township 20 South, Range 34 East.

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4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all interest owners in the subject spacing unit.

5. The pooling of interests will allow Applicant to obtain a just and fair share of the oil and gas underlying the subject lands, avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.

- A. Pooling all uncommitted interests in the horizontal well spacing unit;
- B. Designating Permian Resources Operating, LLC (OGRID No. 372165) as operator of the horizontal spacing unit and the horizontal well to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, completing, and equipping the well;
- Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- E. Imposing a 200% penalty for the risk assumed by Applicant in drilling and completing the well against any working interest owner who does not voluntarily participate in the drilling of the well.

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Respectfully submitted,

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**CASE** \_\_\_\_:

Application of Read & Stevens, Inc. for Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the Wolfcamp formation underlying a standard 320-acre, more or less, horizontal well spacing comprised of Lot 1 (NE/4 NE/4 equivalent), the SE/4 NE/4, and the E/2 SE/4 of Section 5 and the E/2 E/2 of Section 8, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico. Said unit will be initially dedicated to the proposed Joker 5-8 Federal Com 204H well, to be horizontally drilled from a surface location in the NW/4 NE/4 (Lot 2) of Section 5, Township 20 South, Range 34 East, to a bottom hole location in the SE/4 SE/4 (Unit P) of Section 8, Township 20 South, Range 34 East. Also, to be considered will be the cost of drilling and completing the well and the allocation of the cost thereof, actual operating costs and charges for supervision, designation of Applicant as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 27 miles southwest of Hobbs, New Mexico.

COMPULSORY POOLING APPLICATION CHECKLIST  ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS		
Case: 25371 (Bane DSU 1)	APPLICANT'S RESPONSE	
Date		
	September 18, 2025	
Applicant	Read & Stevens, Inc.	
Designated Operator & OGRID (affiliation if applicable)	Permian Resources Operating, LLC (372165)	
Applicant's Counsel:	Holland & Hart LLP	
Case Title:	APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO	
Entries of Appearance/Intervenors:	Cimarex Energy Co.	
Well Family	Bane	
Formation/Pool		
Formation Name(s) or Vertical Extent:	Bone Spring formation	
Primary Product (Oil or Gas):	Oil	
Pooling this vertical extent:	N/A	
Pool Name and Pool Code:	QUAIL RIDGE;BONE SPRING, SOUTH [50461]	
Well Location Setback Rules:	Statewide setbacks	
Spacing Unit		
Type (Horizontal/Vertical)	Horizontal	
Size (Acres)	320.21-acre, more or less	
Building Blocks:	40 acres	
Orientation:	Standup	
Description: TRS/County  BEFORE THE OIL CONSERVATION COMMISSION  Santa Fe, New Mexico Exhibit No. B Submitted by: Read & Stevens, Inc. Hearing Date: September 18, 2025 Case No. 25371	Lot 4 (NW/4 NW/4 equivalent), the SW/4 NW/4, and the W/2 SW/4 of Section 4 and the W/2 W/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico	
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes	
and is approval of non-standard unit requested in this		
application?		
Other Situations		
Depth Severance: Y/N. If yes, description	N/A	
Proximity Tracts: If yes, description	No	
Proximity Defining Well: if yes, description  Applicant's Ownership in Each Tract	No Exhibit C-11, C-12	
Applicant 3 Ownership in Each Hact	LAMBIC C-11, C-12	
Well(s)		
Name & API (if assigned), surface and bottom hole location,	Add wells as needed	
footages, completion target, orientation, completion status		

(standard or non-standard)

·	
Well #1	Bane 4-9 Fed Com 111H:
	SHL: 628' FNL, 1,071' FWL (Lot 4) of Section 4
	BHL: 10' FSL, 330' FWL (Unit M) of Section 9 Completion Target: Bone Spring formation
	Well Orientation: North-South
	Completion Location expected to be: Standard
Well #2	Bane 4-9 Fed Com 121H:
Weii #2	SHL: 628' FNL, 1,137' FWL (Lot 4) of Section 4
	BHL: 10' FSL, 330' FWL (Unit M) of Section 9
	Completion Target: Bone Spring formation
	Well Orientation: North-South
	Completion Location expected to be: Standard
Well #3	Bane 4-9 Fed Com 122H:
	SHL: 628' FNL, 1,170' FWL (Lot 4) of Section 4
	BHL: 10' FSL, 990' FWL (Unit M) of Section 9
	Completion Target: Bone Spring formation
	Well Orientation: North-South
	Completion Location expected to be: Standard
Well #4	Bane 4-9 Fed Com 171H:
	SHL: 498' FNL, 1,070' FWL (Lot 4) of Section 4
	BHL: 10' FSL, 990' FWL (Unit M) of Section 9
	Completion Target: Bone Spring formation
	Well Orientation: North-South
	Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibit C-13
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$10,000
Production Supervision/Month \$	\$1,000
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit G
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit H
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-3
Tract List (including lease numbers and owners)	Exhibit C-7
If approval of Non-Standard Spacing Unit is requested, Tract	
List (including lease numbers and owners) of Tracts subject to	
notice requirements.	N/A
Pooled Parties (including ownership type)	Exhibit C-8, C-9, C-10, C-11, C-12
Unlocatable Parties to be Pooled	None
66	

Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit C-13
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-8, C-9, C-10, C-11, C-12
Chronology of Contact with Non-Joined Working Interests	Exhibit C-14
Overhead Rates In Proposal Letter	Exhibit C-13
Cost Estimate to Drill and Complete	Exhibit C-13
Cost Estimate to Equip Well	Exhibit C-13
Cost Estimate for Production Facilities	Exhibit C-13
Geology	
Summary (including special considerations)	Exhibit E-1 thru E-30
Spacing Unit Schematic	Exhibit E-3
Gunbarrel/Lateral Trajectory Schematic	Exhibit E-14, E-19, E-25, E-30
Well Orientation (with rationale)	Exhibit E-9, E-15, E-20, E-26
Target Formation	Exhibit E-13, E-18, E-24, E-29
HSU Cross Section	Exhibit E-13, E-18, E-24, E-29
Depth Severance Discussion	Exhibit E-4
Forms, Figures and Tables	
C-102	Exhibit C-1
Tracts	Exhibit C-7
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-11, C-12
General Location Map (including basin)	Exhibit E-1
Well Bore Location Map	Exhibit E-9, E-15, E-20, E-26
Structure Contour Map - Subsea Depth	Exhibit E-10 thru E-12, E-16 thru E-17, E-21 thru E-23, E-27 thru E-29
Cross Section Location Map (including wells)	Exhibit E-9, E-15, E-20, E-26
Cross Section (including Landing Zone)	Exhibit E-13, E-18, E-24, E-29
Additional Information	LAHIMI L-13, L-10, L-27, L-23
Special Provisions/Stipulations	See Exhibit C-19
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Adam G. Rankin
Signed Name (Attorney or Party Representative):	
Date:	9/11/2025

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS	
Case: 25371 (Bane DSU 2)	APPLICANT'S RESPONSE
Date	September 18, 2025
Applicant	Read & Stevens, Inc.
Designated Operator & OGRID (affiliation if applicable)	Permian Resources Operating, LLC (372165)
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	Cimarex Energy Co.
Well Family	Bane
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Permian seeks to pool only a portion of the Wolfbone Pool within this spacing unit, measured from the top of the Third Bone Spring Sand interval, located at approximately 10,598 feet measured depth, to the stratigraphic equivalent of approximately 10,876 feet, measured depth, as found in the five-inch Dual Lateral Micro Log SFL in the Matador 5 Federal #1 well (API No. 30- 025-31056).
Pool Name and Pool Code:	Quail Ridge, Wolfbone Pool (Pool Code 98396)
Well Location Setback Rules:	Statewide setbacks
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320.21-acre, more or less
Building Blocks:	40 acres
Orientation:	Standup
Description: TRS/County	Lot 4 (NW/4 NW/4 equivalent), the SW/4 NW/4, and the W/2 SW/4 of Section 4 and the W/2 W/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes
Other Situations	
68	

Depth Severance: Y/N. If yes, description	Yes; The Wolfbone Pool within the Subject Lands incorporates a depth severance created by ownership instruments noting nonuniform ownership between the formations that is located at the division between the base of the Bone Spring formation and the top of the Wolfcamp formation. Accordingly, the ownership depth severance is found at a stratigraphic equivalent of approximately 10,876 feet, measured depth, as found in the five-inch Dual Lateral Micro Log SFL in the Matador 5 Federal #1 well (API No. 30- 025-31056).
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	No
Applicant's Ownership in Each Tract	Exhibit C-11, C-12
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	Bane 4-9 Fed Com 131H:  SHL: 498' FNL, 1,103' FWL (Lot 4) of Section 4  BHL: 10' FSL, 330' FWL (Unit M) of Section 9  Completion Target: Bone Spring formation  Well Orientation: North-South  Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibit C-13
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$10,000
Production Supervision/Month \$	\$1,000
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
Notice of Hearing	20070
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit G
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit H
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-3
Tract List (including lease numbers and owners)	Exhibit C-7
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A

Pooled Parties (including ownership type)	Exhibit C-8, C-9, C-10, C-11, C-12
Unlocatable Parties to be Pooled	None
Ownership Depth Severance (including percentage above &	
below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit C-13
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-8, C-9, C-10, C-11, C-12
Chronology of Contact with Non-Joined Working Interests	Exhibit C-14
Overhead Rates In Proposal Letter	Exhibit C-13
Cost Estimate to Drill and Complete	Exhibit C-13
Cost Estimate to Equip Well	Exhibit C-13
Cost Estimate for Production Facilities	Exhibit C-13
Geology	
Summary (including special considerations)	Exhibit E-1 thru E-30
Spacing Unit Schematic	Exhibit E-3
Gunbarrel/Lateral Trajectory Schematic	Exhibit E-14, E-19, E-25, E-30
Well Orientation (with rationale)	Exhibit E-9, E-15, E-20, E-26
Target Formation	Exhibit E-13, E-18, E-24, E-29
HSU Cross Section	Exhibit E-13, E-18, E-24, E-29
Depth Severance Discussion	Exhibit E-4
Forms, Figures and Tables	
C-102	Exhibit C-1
Tracts	Exhibit C-7
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-11, C-12
General Location Map (including basin)	Exhibit E-1
Well Bore Location Map	Exhibit E-9, E-15, E-20, E-26
	Exhibit E-10 thru E-12, E-16 thru E-17, E-21 thru E-23,
Structure Contour Map - Subsea Depth	E-27 thru E-29
Cross Section Location Map (including wells)	Exhibit E-9, E-15, E-20, E-26
Cross Section (including Landing Zone)	Exhibit E-13, E-18, E-24, E-29
Additional Information	
Special Provisions/Stipulations	See Exhibit C-19
CERTIFICATION: I hereby certify that the information provide	led in this checklist is complete and accurate.
Printed Name (Attorney or Party Representative):	Adam G. Rankin
Signed Name (Attorney or Party Representative):	AD .
Date:	9/11/2025

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS	
Case: 25371 (Bane DSU 3)	APPLICANT'S RESPONSE
Date	September 18, 2025
Applicant	Read & Stevens, Inc.
Designated Operator & OGRID (affiliation if applicable)	Permian Resources Operating, LLC (372165)
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	Cimarex Energy Co.
Well Family	Bane
Formation/Pool	
Formation Name(s) or Vertical Extent:	Wolfcamp formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Permian seeks to pool only a portion of the Wolfbone Pool within this spacing unit, measured from the stratigraphic equivalent of approximately 10,876 feet, measured depth, to the stratigraphic equivalent of the base of the Wolfcamp A shale, located at approximately 11,236 feet measured depth, as found in the five-inch Dual Lateral Micro Log SFL in the Matador 5 Federal #1 well (API No. 30-025-31056)
Pool Name and Pool Code:	Quail Ridge, Wolfbone Pool (Pool Code 98396)
Well Location Setback Rules:	Statewide setbacks
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320.21-acre, more or less
Building Blocks:	40 acres
Orientation:	Standup
Description: TRS/County	Lot 4 (NW/4 NW/4 equivalent), the SW/4 NW/4, and the W/2 SW/4 of Section 4 and the W/2 W/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes
Other Situations	
71	

Depth Severance: Y/N. If yes, description	Yes; The Wolfbone Pool within the Subject Lands incorporates a depth severance created by ownership instruments noting nonuniform ownership between the formations that is located at the division between the base of the Bone Spring formation and the top of the Wolfcamp formation. Accordingly, the ownership depth severance is found at a stratigraphic equivalent of approximately 10,876 feet, measured depth, as found in the five-inch Dual Lateral Micro Log SFL in the Matador 5 Federal #1 well (API No. 30- 025-31056).
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	No
Applicant's Ownership in Each Tract	Exhibit C-11, C-12
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	Bane 4-9 Fed Com 201H: SHL: 498' FNL, 1,136' FWL (Lot 4) of Section 4 BHL: 10' FSL, 990' FWL (Unit M) of Section 9 Completion Target: Wolfcamp formation Well Orientation: North-South Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibit C-13
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$10,000
Production Supervision/Month \$	\$1,000
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit G
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit H
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-4
Tract List (including lease numbers and owners)	Exhibit C-4, C-5, C-6, C-7, C-9
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	

Pooled Parties (including ownership type)	Exhibit C-5, C-6, C-7
Unlocatable Parties to be Pooled	None
Ownership Depth Severance (including percentage above &	
below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit C-13
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-8, C-9, C-10, C-11, C-12
Chronology of Contact with Non-Joined Working Interests	Exhibit C-14
Overhead Rates In Proposal Letter	Exhibit C-13
Cost Estimate to Drill and Complete	Exhibit C-13
Cost Estimate to Equip Well	Exhibit C-13
Cost Estimate for Production Facilities	Exhibit C-13
Geology	
Summary (including special considerations)	Exhibit E-1 thru E-30
Spacing Unit Schematic	Exhibit E-3
Gunbarrel/Lateral Trajectory Schematic	Exhibit E-14, E-19, E-25, E-30
Well Orientation (with rationale)	Exhibit E-9, E-15, E-20, E-26
Target Formation	Exhibit E-13, E-18, E-24, E-29
HSU Cross Section	Exhibit E-13, E-18, E-24, E-29
Depth Severance Discussion	Exhibit E-4
Forms, Figures and Tables	
C-102	Exhibit C-1
Tracts	Exhibit C-7
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-11, C-12
General Location Map (including basin)	Exhibit E-1
Well Bore Location Map	Exhibit E-9, E-15, E-20, E-26
	Exhibit E-10 thru E-12, E-16 thru E-17, E-21 thru E-23,
Structure Contour Map - Subsea Depth	E-27 thru E-29
Cross Section Location Map (including wells)	Exhibit E-9, E-15, E-20, E-26
Cross Section (including Landing Zone)  Additional Information	Exhibit E-13, E-18, E-24, E-29
Additional information	
Special Provisions/Stipulations	See Exhibit C-19
CERTIFICATION: I hereby certify that the information provide	led in this checklist is complete and accurate.
Printed Name (Attorney or Party Representative):	Adam G. Rankin
Signed Name (Attorney or Party Representative):	
Date:	9/11/2025

## COMPULSORY POOLING APPLICATION CHECKLIST ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS Case: 23509 (Bane DSU 4) **APPLICANT'S RESPONSE Date** September 18, 2025 **Applicant** Read & Stevens, Inc. Designated Operator & OGRID (affiliation if applicable) Permian Resources Operating, LLC (372165) **Holland & Hart LLP** Applicant's Counsel: Case Title: APPLICATION OF READ & STEVENS, INC. FOR **COMPULSORY POOLING, LEA COUNTY, NEW MEXICO** Entries of Appearance/Intervenors: Cimarex Energy Co. Well Family Bane Formation/Pool Formation Name(s) or Vertical Extent: **Bone Spring formation** Oil Primary Product (Oil or Gas): N/A Pooling this vertical extent: Pool Name and Pool Code: QUAIL RIDGE; BONE SPRING, SOUTH [50461] Well Location Setback Rules: Statewide setbacks **Spacing Unit** Type (Horizontal/Vertical) Horizontal Size (Acres) 320.44-acre, more or less **Building Blocks:** 40 acres Orientation: Standup Description: TRS/County Lot 3 (NE/4 NW/4 equivalent), the SE/4 NW/4, and the E/2 SW/4 of Section 4 and the E/2 W/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application? **Other Situations** Depth Severance: Y/N. If yes, description N/A Proximity Tracts: If yes, description No Proximity Defining Well: if yes, description No Applicant's Ownership in Each Tract Exhibit C-11, C-12 Well(s) Name & API (if assigned), surface and bottom hole location, Add wells as needed

(standard or non-standard)

footages, completion target, orientation, completion status

Well #1	Bane 4-9 Fed Com 112H:
	SHL: 628' FNL, 1,104' FWL (Lot 4) of Section 4
	BHL: 10' FSL, 1,650' FWL (Unit N) of Section 9 Completion Target: Bone Spring formation
	Well Orientation: North-South
	Completion Location expected to be: Standard
Well #2	
Weii #2	Bane 4-9 Fed Com 123H: SHL: 628' FNL, 1,203' FWL (Lot 4) of Section 4
	BHL: 10' FSL, 1,650' FWL (Unit N) of Section 9
	Completion Target: Bone Spring formation
	Well Orientation: North-South
	Completion Location expected to be: Standard
Well #3	Bane 4-9 Fed Com 124H:
	SHL: 628' FNL, 1,236' FWL (Lot 4) of Section 4
	BHL: 10' FSL, 2,310' FWL (Unit N) of Section 9
	Completion Target: Bone Spring formation
	Well Orientation: North-South
	Completion Location expected to be: Standard
Well #4	Bane 4-9 Fed Com 172H:
	SHL: 498' FNL, 1,235' FWL (Lot 4) of Section 4
	BHL: 10' FSL, 2,310' FWL (Unit N) of Section 9
	Completion Target: Bone Spring formation
	Well Orientation: North-South
	Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibit C-13
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$10,000
Production Supervision/Month \$	\$1,000
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit G
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit H
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-3
Tract List (including lease numbers and owners)	Exhibit C-7
If approval of Non-Standard Spacing Unit is requested, Tract	
List (including lease numbers and owners) of Tracts subject to	
notice requirements.	N/A
Pooled Parties (including ownership type)	Exhibit C-8, C-9, C-10, C-11, C-12
Unlocatable Parties to be Pooled	None
75	

Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit C-13
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-8, C-9, C-10, C-11, C-12
Chronology of Contact with Non-Joined Working Interests	Exhibit C-14
Overhead Rates In Proposal Letter	Exhibit C-13
Cost Estimate to Drill and Complete	Exhibit C-13
Cost Estimate to Equip Well	Exhibit C-13
Cost Estimate for Production Facilities	Exhibit C-13
Geology	
Summary (including special considerations)	Exhibit E-1 thru E-30
Spacing Unit Schematic	Exhibit E-3
Gunbarrel/Lateral Trajectory Schematic	Exhibit E-14, E-19, E-25, E-30
Well Orientation (with rationale)	Exhibit E-9, E-15, E-20, E-26
Target Formation	Exhibit E-13, E-18, E-24, E-29
HSU Cross Section	Exhibit E-13, E-18, E-24, E-29
Depth Severance Discussion	Exhibit E-4
Forms, Figures and Tables	
C-102	Exhibit C-1
Tracts	Exhibit C-7
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-11, C-12
General Location Map (including basin)	Exhibit E-1
Well Bore Location Map	Exhibit E-9, E-15, E-20, E-26
Structure Contour Map - Subsea Depth	Exhibit E-10 thru E-12, E-16 thru E-17, E-21 thru E-23, E-27 thru E-29
Cross Section Location Map (including wells)	Exhibit E-9, E-15, E-20, E-26
Cross Section (including Landing Zone)	Exhibit E-13, E-18, E-24, E-29
Additional Information	
Special Provisions/Stipulations	See Exhibit C-19
CERTIFICATION: I hereby certify that the information prov	ided in this checklist is complete and accurate.
Printed Name (Attorney or Party Representative):	Adam G. Rankin
Signed Name (Attorney or Party Representative):	
Date:	9/11/2025

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS	
Case: 25371 (Bane DSU 5)	APPLICANT'S RESPONSE
Date	September 18, 2025
Applicant	Read & Stevens, Inc.
Designated Operator & OGRID (affiliation if applicable)	Permian Resources Operating, LLC (372165)
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	Cimarex Energy Co.
Well Family	Bane
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Permian seeks to pool only a portion of the Wolfbone Pool within this spacing unit, measured from the top of the Third Bone Spring Sand interval, located at approximately 10,598 feet measured depth, to the stratigraphic equivalent of approximately 10,876 feet, measured depth, as found in the five-inch Dual Lateral Micro Log SFL in the Matador 5 Federal #1 well (API No. 30- 025-31056).
Pool Name and Pool Code:	Quail Ridge, Wolfbone Pool (Pool Code 98396)
Well Location Setback Rules:	Statewide setbacks
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320.44-acre, more or less
Building Blocks:	40 acres
Orientation:	Standup
Description: TRS/County	Lot 3 (NE/4 NW/4 equivalent), the SE/4 NW/4, and the E/2 SW/4 of Section 4 and the E/2 W/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes
Other Situations	

Depth Severance: Y/N. If yes, description	Yes; The Wolfbone Pool within the Subject Lands incorporates a depth severance created by ownership instruments noting nonuniform ownership between the formations that is located at the division between the base of the Bone Spring formation and the top of the Wolfcamp formation. Accordingly, the ownership depth severance is found at a stratigraphic equivalent of approximately 10,876 feet, measured depth, as found in the five-inch Dual Lateral Micro Log SFL in the Matador 5 Federal #1 well (API No. 30- 025-31056).
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	No
Applicant's Ownership in Each Tract	Exhibit C-11, C-12
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	Bane 4-9 Fed Com 132H: SHL: 498' FNL, 1,169' FWL (Lot 4) of Section 4 BHL: 10' FSL, 1,650' FWL (Unit N) of Section 9 Completion Target: Bone Spring formation Well Orientation: North-South Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibit C-13
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$10,000
Production Supervision/Month \$	\$1,000
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit G
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit H
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-3
Tract List (including lease numbers and owners)	Exhibit C-7
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A

Pooled Parties (including ownership type)	Exhibit C-8, C-9, C-10, C-11, C-12
Unlocatable Parties to be Pooled	None
Ownership Depth Severance (including percentage above &	
below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit C-13
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-8, C-9, C-10, C-11, C-12
Chronology of Contact with Non-Joined Working Interests	Exhibit C-14
Overhead Rates In Proposal Letter	Exhibit C-13
Cost Estimate to Drill and Complete	Exhibit C-13
Cost Estimate to Equip Well	Exhibit C-13
Cost Estimate for Production Facilities	Exhibit C-13
Geology	
Summary (including special considerations)	Exhibit E-1 thru E-30
Spacing Unit Schematic	Exhibit E-3
Gunbarrel/Lateral Trajectory Schematic	Exhibit E-14, E-19, E-25, E-30
Well Orientation (with rationale)	Exhibit E-9, E-15, E-20, E-26
Target Formation	Exhibit E-13, E-18, E-24, E-29
HSU Cross Section	Exhibit E-13, E-18, E-24, E-29
Depth Severance Discussion	Exhibit E-4
Forms, Figures and Tables	
C-102	Exhibit C-1
Tracts	Exhibit C-7
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-11, C-12
General Location Map (including basin)	Exhibit E-1
Well Bore Location Map	Exhibit E-9, E-15, E-20, E-26
	Exhibit E-10 thru E-12, E-16 thru E-17, E-21 thru E-23,
Structure Contour Map - Subsea Depth	E-27 thru E-29
Cross Section Location Map (including wells)	Exhibit E-9, E-15, E-20, E-26
Cross Section (including Landing Zone)	Exhibit E-13, E-18, E-24, E-29
Additional Information	
Special Provisions/Stipulations	See Exhibit C-19
CERTIFICATION: I hereby certify that the information provide	ded in this checklist is complete and accurate.
Printed Name (Attorney or Party Representative):	Adam G. Rankin
Signed Name (Attorney or Party Representative):	
Date:	9/11/2025

Case: 25371 (Bane DSU 6)	APPLICANT'S RESPONSE
Date	September 18, 2025
Applicant	Read & Stevens, Inc.
Designated Operator & OGRID (affiliation if applicable)	Permian Resources Operating, LLC (372165)
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	Cimarex Energy Co.
Well Family	Bane
Formation/Pool	
Formation Name(s) or Vertical Extent:	Wolfcamp formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Permian seeks to pool only a portion of the Wolfbone Pool within this spacing unit, measured from the stratigraphic equivalent of approximately 10,876 feet, measured depth, to the stratigraphic equivalent of the base of the Wolfcamp A shale, located at approximately 11,236 feet measured depth, as found in the five-inch Dual Lateral Micro Log SFL in the Matador 5 Federal #1 well (API No. 30-025-31056)
Pool Name and Pool Code:	Quail Ridge, Wolfbone Pool (Pool Code 98396)
Well Location Setback Rules:	Statewide setbacks
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320.44-acre, more or less
Building Blocks:	40 acres
Orientation:	Standup
Description: TRS/County	Lot 3 (NE/4 NW/4 equivalent), the SE/4 NW/4, and the E/2 SW/4 of Section 4 and the E/2 W/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and	Yes
is approval of non-standard unit requested in this application?	

Depth Severance: Y/N. If yes, description	Yes; The Wolfbone Pool within the Subject Lands incorporates a depth severance created by ownership instruments noting nonuniform ownership between the formations that is located at the division between the base of the Bone Spring formation and the top of the Wolfcamp formation. Accordingly, the ownership depth severance is found at a stratigraphic equivalent of approximately 10,876 feet, measured depth, as found in the five-inch Dual Lateral Micro Log SFL in the Matador 5 Federal #1 well (API No. 30- 025-31056).
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	No
Applicant's Ownership in Each Tract	Exhibit C-11, C-12
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	Bane 4-9 Fed Com 202H:  SHL: 498' FNL, 1,202' FWL (Lot 4) of Section 4  BHL: 10' FSL, 2,310' FWL (Unit N) of Section 9  Completion Target: Wolfcamp formation  Well Orientation: North-South  Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibit C-13
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$10,000
	\$1,000
Production Supervision/Month \$	Exhibit C
Justification for Supervision Costs	200%
Requested Risk Charge  Notice of Hearing	200%
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit G
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit H
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-3
Tract List (including lease numbers and owners)	Exhibit C-7
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A

Pooled Parties (including ownership type)	Exhibit C-8, C-9, C-10, C-11, C-12
Unlocatable Parties to be Pooled	None
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit C-13
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-8, C-9, C-10, C-11, C-12
Chronology of Contact with Non-Joined Working Interests	Exhibit C-14
Overhead Rates In Proposal Letter	Exhibit C-13
Cost Estimate to Drill and Complete	Exhibit C-13
Cost Estimate to Equip Well	Exhibit C-13
Cost Estimate for Production Facilities	Exhibit C-13
Geology	
Summary (including special considerations)	Exhibit E-1 thru E-30
Spacing Unit Schematic	Exhibit E-3
Gunbarrel/Lateral Trajectory Schematic	Exhibit E-14, E-19, E-25, E-30
Well Orientation (with rationale)	Exhibit E-9, E-15, E-20, E-26
Target Formation	Exhibit E-13, E-18, E-24, E-29
HSU Cross Section	Exhibit E-13, E-18, E-24, E-29
Depth Severance Discussion	Exhibit E-4
Forms, Figures and Tables	
C-102	Exhibit C-1
Tracts	Exhibit C-7
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-11, C-12
General Location Map (including basin)	Exhibit E-1
Well Bore Location Map	Exhibit E-9, E-15, E-20, E-26
Structure Contour Map - Subsea Depth	E-27 thru E-29
Cross Section Location Map (including wells)	Exhibit E-9, E-15, E-20, E-26
Cross Section (including Landing Zone)	Exhibit E-13, E-18, E-24, E-29
Additional Information	
Special Provisions/Stipulations	See Exhibit C-19
CERTIFICATION: I hereby certify that the information provi	ded in this checklist is complete and accurate.
Printed Name (Attorney or Party Representative):	Adam G. Rankin
Signed Name (Attorney or Party Representative):	
Date:	9/11/2025

COMPULSORY POOLING APPLICATION CHECKLIST	
ALL INFORMATION IN THE APPLICATION MUST	BE SUPPORTED BY SIGNED AFFIDAVITS
Case: 25371 (Bane DSU 7)	APPLICANT'S RESPONSE
Date	September 18, 2025
Applicant	Read & Stevens, Inc.
Designated Operator & OGRID (affiliation if applicable)	Permian Resources Operating, LLC (372165)
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF READ & STEVENS, INC. FOR
	COMPULSORY POOLING, LEA COUNTY, NEW
	MEXICO
Entries of Appearance/Intervenors:	Cimarex Energy Co.
Well Family	Bane
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	N/A
Pool Name and Pool Code:	QUAIL RIDGE;BONE SPRING, SOUTH [50461]
Well Location Setback Rules:	Statewide setbacks
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320.66-acre, more or less
Building Blocks:	40 acres
Orientation:	Standup
Description: TRS/County	Lot 2 (NW/4 NE/4 equivalent), the SW/4 NE/4, and
	the W/2 SE/4 of Section 4 and the W/2 E/2 of
	Section 9, Township 20 South, Range 34 East,
Chandard Haringatal Wall Crasins Hait (V/N) If No. describs	NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this	Yes
application?	
Other Situations	
Depth Severance: Y/N. If yes, description	N/A
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	No
Applicant's Ownership in Each Tract	Exhibit C-11, C-12
Well(s)	
Name & API (if assigned), surface and bottom hole location,	Add wells as needed
footages, completion target, orientation, completion status	
standard or non standard)	

(standard or non-standard)

Well #1	Bane 4-9 Fed Com 113H:
	SHL: 1,017' FNL, 1,586' FEL (Lot 2) of Section 4 BHL: 10' FSL, 2,310' FEL (Unit O) of Section 9
	Completion Target: Bone Spring formation
	Well Orientation: North-South
	Completion Location expected to be: Standard
Well #2	Bane 4-9 Fed Com 125H:
	SHL: 1,082' FNL, 1,591' FEL (Lot 2) of Section 4
	BHL: 10' FSL, 2,310' FEL (Unit O) of Section 9
	Completion Target: Bone Spring formation
	Well Orientation: North-South
	Completion Location expected to be: Standard
Well #3	Bane 4-9 Fed Com 126H:
	SHL: 1,115' FNL, 1,593' FEL (Lot 2) of Section 4
	BHL: 10' FSL, 1,650' FEL (Unit O) of Section 9
	Completion Target: Bone Spring formation
	Well Orientation: North-South
	Completion Location expected to be: Standard
Well #4	Bane 4-9 Fed Com 173H:
	SHL: 1,027' FNL, 1,456' FEL (Lot 2) of Section 4
	BHL: 10' FSL, 1,650' FEL (Unit O) of Section 9 Completion Target: Bone Spring formation
	Well Orientation: North-South
	Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibit C-13
, and the second	
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$10,000
Production Supervision/Month \$	\$1,000
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit G
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit H
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-3
Tract List (including lease numbers and owners)	Exhibit C-7
If approval of Non-Standard Spacing Unit is requested, Tract	
List (including lease numbers and owners) of Tracts subject to	
notice requirements.	N/A
Pooled Parties (including ownership type)	Exhibit C-8, C-9, C-10, C-11, C-12
Unlocatable Parties to be Pooled	None
0.4	

Ownership Depth Severance (including percentage above & below)	N/A
Joinder	N/A
Sample Copy of Proposal Letter	Exhibit C-13
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-8, C-9, C-10, C-11, C-12
Chronology of Contact with Non-Joined Working Interests	Exhibit C-14
Overhead Rates In Proposal Letter	Exhibit C-13
Cost Estimate to Drill and Complete	Exhibit C-13
Cost Estimate to Equip Well	Exhibit C-13
Cost Estimate for Production Facilities	Exhibit C-13
Geology	
Summary (including special considerations)	Exhibit E-1 thru E-30
Spacing Unit Schematic	Exhibit E-3
Gunbarrel/Lateral Trajectory Schematic	Exhibit E-14, E-19, E-25, E-30
Well Orientation (with rationale)	Exhibit E-9, E-15, E-20, E-26
Target Formation	Exhibit E-13, E-18, E-24, E-29
HSU Cross Section	Exhibit E-13, E-18, E-24, E-29
Depth Severance Discussion	Exhibit E-4
Forms, Figures and Tables	
C-102	Exhibit C-1
Tracts	Exhibit C-7
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-11, C-12
General Location Map (including basin)	Exhibit E-1
Well Bore Location Map	Exhibit E-9, E-15, E-20, E-26
Structure Contour Map - Subsea Depth	E-27 thru E-29
Cross Section Location Map (including wells)	Exhibit E-9, E-15, E-20, E-26
Cross Section (including Landing Zone)	Exhibit E-13, E-18, E-24, E-29
Additional Information	
Special Provisions/Stipulations	See Exhibit C-19
CERTIFICATION: I hereby certify that the information prov	ided in this checklist is complete and accurate.
Printed Name (Attorney or Party Representative):	Adam G. Rankin
Signed Name (Attorney or Party Representative):	
Date:	9/11/2025

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS		
Case: 25371 (Bane DSU 8)	APPLICANT'S RESPONSE	
Date	September 18, 2025	
Applicant	Read & Stevens, Inc.	
Designated Operator & OGRID (affiliation if applicable)	Permian Resources Operating, LLC (372165)	
Applicant's Counsel:	Holland & Hart LLP	
Case Title:	APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO	
Entries of Appearance/Intervenors:	Cimarex Energy Co.	
Well Family	Bane	
Formation/Pool		
Formation Name(s) or Vertical Extent:	Bone Spring formation	
Primary Product (Oil or Gas):	Oil	
Pooling this vertical extent:	Permian seeks to pool only a portion of the Wolfbone Pool within this spacing unit, measured from the top of the Third Bone Spring Sand interval, located at approximately 10,598 feet measured depth, to the stratigraphic equivalent of approximately 10,876 feet, measured depth, as found in the five-inch Dual Lateral Micro Log SFL in the Matador 5 Federal #1 well (API No. 30- 025-31056).	
Pool Name and Pool Code:	Quail Ridge, Wolfbone Pool (Pool Code 98396)	
Well Location Setback Rules:	Statewide setbacks	
Spacing Unit		
Type (Horizontal/Vertical)	Horizontal	
Size (Acres)	320.66-acre, more or less	
Building Blocks:	40 acres	
Orientation:	Standup	
Description: TRS/County	Lot 2 (NW/4 NE/4 equivalent), the SW/4 NE/4, and the W/2 SE/4 of Section 4 and the W/2 E/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico	
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes	
Other Situations		

Depth Severance: Y/N. If yes, description	Yes; The Wolfbone Pool within the Subject Lands incorporates a depth severance created by ownership instruments noting nonuniform ownership between the formations that is located at the division between the base of the Bone Spring formation and the top of the Wolfcamp formation. Accordingly, the ownership depth severance is found at a stratigraphic equivalent of approximately 10,876 feet, measured depth, as found in the five-inch Dual Lateral Micro Log SFL in the Matador 5 Federal #1 well (API No. 30- 025-31056).
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	No
Applicant's Ownership in Each Tract	Exhibit C-11, C-12
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	Bane 4-9 Fed Com 133H:  SHL: 1,060' FNL, 1,459' FEL (Lot 2) of Section 4  BHL: 10' FSL, 2,310' FEL (Unit O) of Section 9  Completion Target: Bone Spring formation  Well Orientation: North-South  Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibit C-13
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$10,000
Production Supervision/Month \$	\$1,000
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
Notice of Hearing	20070
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit G
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit H
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-3
Tract List (including lease numbers and owners)	Exhibit C-7
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A

Pooled Parties (including ownership type)	Exhibit C-8, C-9, C-10, C-11, C-12
Unlocatable Parties to be Pooled	None
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit C-13
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-8, C-9, C-10, C-11, C-12
Chronology of Contact with Non-Joined Working Interests	Exhibit C-14
Overhead Rates In Proposal Letter	Exhibit C-13
Cost Estimate to Drill and Complete	Exhibit C-13
Cost Estimate to Equip Well	Exhibit C-13
Cost Estimate for Production Facilities	Exhibit C-13
Geology	
Summary (including special considerations)	Exhibit E-1 thru E-30
Spacing Unit Schematic	Exhibit E-3
Gunbarrel/Lateral Trajectory Schematic	Exhibit E-14, E-19, E-25, E-30
Well Orientation (with rationale)	Exhibit E-9, E-15, E-20, E-26
Target Formation	Exhibit E-13, E-18, E-24, E-29
HSU Cross Section	Exhibit E-13, E-18, E-24, E-29
Depth Severance Discussion	Exhibit E-4
Forms, Figures and Tables	
C-102	Exhibit C-1
Tracts	Exhibit C-7
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-11, C-12
General Location Map (including basin)	Exhibit E-1
Well Bore Location Map	Exhibit E-9, E-15, E-20, E-26
Structure Contour Map - Subsea Depth	E-27 thru E-29
Cross Section Location Map (including wells)	Exhibit E-9, E-15, E-20, E-26
Cross Section (including Landing Zone)	Exhibit E-13, E-18, E-24, E-29
Additional Information	
Special Provisions/Stipulations	See Exhibit C-19
CERTIFICATION: I hereby certify that the information provi	ded in this checklist is complete and accurate.
Printed Name (Attorney or Party Representative):	Adam G. Rankin
Signed Name (Attorney or Party Representative):	Para
Date:	9/11/2025

ALL INFORMATION IN THE APPLICATION MUST BE	SUPPORTED BY SIGNED AFFIDAVITS
Case: 25371 (Bane DSU 9)	APPLICANT'S RESPONSE
Date	September 18, 2025
Applicant	Read & Stevens, Inc.
Designated Operator & OGRID (affiliation if applicable)	Permian Resources Operating, LLC (372165)
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	Cimarex Energy Co.
Well Family	Bane
Formation/Pool	
Formation Name(s) or Vertical Extent:	Wolfcamp formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Permian seeks to pool only a portion of the Wolfbone Pool within this spacing unit, measured from the stratigraphic equivalent of approximately 10,876 feet, measured depth, to the stratigraphic equivalent of the base of the Wolfcamp A shale, located at approximately 11,236 feet measured depth, as found in the five-inch Dual Lateral Micro Log SFL in the Matador 5 Federal #1 well (API No. 30-025-31056)
Pool Name and Pool Code:	Quail Ridge, Wolfbone Pool (Pool Code 98396)
Well Location Setback Rules:	Statewide setbacks
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320.66-acre, more or less
Building Blocks:	40 acres
Orientation:	Standup
Description: TRS/County	Lot 2 (NW/4 NE/4 equivalent), the SW/4 NE/4, and the W/2 SE/4 of Section 4 and the W/2 E/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes
Other Situations	

Depth Severance: Y/N. If yes, description	Yes; The Wolfbone Pool within the Subject Lands incorporates a depth severance created by ownership instruments noting nonuniform ownership between the formations that is located at the division between the base of the Bone Spring formation and the top of the Wolfcamp formation. Accordingly, the ownership depth severance is found at a stratigraphic equivalent of approximately 10,876 feet, measured depth, as found in the five-inch Dual Lateral Micro Log SFL in the Matador 5 Federal #1 well (API No. 30- 025-31056).
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	No
Applicant's Ownership in Each Tract	Exhibit C-11, C-12
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	Bane 4-9 Fed Com 203H:  SHL: 1,093' FNL, 1,461' FEL (Lot 2) of Section 4  BHL: 10' FSL, 1,650' FEL (Unit O) of Section 9  Completion Target: Wolfcamp formation  Well Orientation: North-South  Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibit C-13
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$10,000
Production Supervision/Month \$	\$1,000
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
Notice of Hearing	20070
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit G
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit H
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-3
Tract List (including lease numbers and owners)	Exhibit C-7
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A

Pooled Parties (including ownership type)	Exhibit C-8, C-9, C-10, C-11, C-12
Unlocatable Parties to be Pooled	None
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit C-13
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-8, C-9, C-10, C-11, C-12
Chronology of Contact with Non-Joined Working Interests	Exhibit C-14
Overhead Rates In Proposal Letter	Exhibit C-13
Cost Estimate to Drill and Complete	Exhibit C-13
Cost Estimate to Equip Well	Exhibit C-13
Cost Estimate for Production Facilities	Exhibit C-13
Geology	
Summary (including special considerations)	Exhibit E-1 thru E-30
Spacing Unit Schematic	Exhibit E-3
Gunbarrel/Lateral Trajectory Schematic	Exhibit E-14, E-19, E-25, E-30
Well Orientation (with rationale)	Exhibit E-9, E-15, E-20, E-26
Target Formation	Exhibit E-13, E-18, E-24, E-29
HSU Cross Section	Exhibit E-13, E-18, E-24, E-29
Depth Severance Discussion	Exhibit E-4
Forms, Figures and Tables	
C-102	Exhibit C-1
Tracts	Exhibit C-7
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-11, C-12
General Location Map (including basin)	Exhibit E-1
Well Bore Location Map	Exhibit E-9, E-15, E-20, E-26
Structure Contour Map - Subsea Depth	E-27 thru E-29
Cross Section Location Map (including wells)	Exhibit E-9, E-15, E-20, E-26
Cross Section (including Landing Zone)	Exhibit E-13, E-18, E-24, E-29
Additional Information	
Special Provisions/Stipulations	See Exhibit C-19
CERTIFICATION: I hereby certify that the information provide	ded in this checklist is complete and accurate.
Printed Name (Attorney or Party Representative):	Adam G. Rankin
Signed Name (Attorney or Party Representative):	000
Date:	9/11/2025

COMPULSORY POOLING APPLICATION CHECKLIST	
ALL INFORMATION IN THE APPLICATION MUST	BE SUPPORTED BY SIGNED AFFIDAVITS
Case: 25371 (Bane DSU 10)	APPLICANT'S RESPONSE
Date	September 11, 2025
Applicant	Read & Stevens, Inc.
Designated Operator & OGRID (affiliation if applicable)	Permian Resources Operating, LLC (372165)
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	Cimarex Energy Co.
Well Family	Bane
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	N/A
Pool Name and Pool Code:	QUAIL RIDGE;BONE SPRING, SOUTH [50461]
Well Location Setback Rules:	Statewide setbacks
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320.89-acre, more or less
Building Blocks:	40 acres
Orientation:	Standup
Description: TRS/County	Lot 1 (NE/4 NE/4 equivalent), the SE/4 NE/4, and the E/2 SE/4 of Section 4 and the E/2 E/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	N/A
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	No
Applicant's Ownership in Each Tract	Exhibit C-11, C-12
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status	Add wells as needed

(standard or non-standard)

Well #1	Bane 4-9 Fed Com 114H:
	SHL: 1,049' FNL, 1,588' FEL (Lot 2) of Section 4 BHL: 10' FSL, 990' FEL (Unit P) of Section 9
	Completion Target: Bone Spring formation
	Well Orientation: North-South
	Completion Location expected to be: Standard
Well #2	Bane 4-9 Fed Com 127H:
Well IIZ	SHL: 1,148' FNL, 1,596' FEL (Lot 2) of Section 4
	BHL: 10' FSL, 990' FEL (Unit P) of Section 9
	Completion Target: Bone Spring formation
	Well Orientation: North-South
	Completion Location expected to be: Standard
Well #3	Bane 4-9 Fed Com 128H:
	SHL: 1,181' FNL, 1,598' FEL (Lot 2) of Section 4
	BHL: 10' FSL, 330' FEL (Unit P) of Section 9
	Completion Target: Bone Spring formation
	Well Orientation: North-South
	Completion Location expected to be: Standard
Well #4	Bane 4-9 Fed Com 174H:
	SHL: 1,191' FNL, 1,469' FEL (Lot 2) of Section 4
	BHL: 10' FSL, 330' FEL (Unit P) of Section 9
	Completion Target: Bone Spring formation Well Orientation: North-South
	Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibit C-13
completion ranget (Formation, 170 and 1810)	EXHIBIT C-13
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$10,000
Production Supervision/Month \$	\$1,000
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit G
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit H
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-3
Tract List (including lease numbers and owners)	Exhibit C-7
If approval of Non-Standard Spacing Unit is requested, Tract	
List (including lease numbers and owners) of Tracts subject to	
notice requirements.	N/A
Pooled Parties (including ownership type)	Exhibit C-8, C-9, C-10, C-11, C-12
Unlocatable Parties to be Pooled	None
00	

Ownership Depth Severance (including percentage above & below)	N/A
Joinder	N/A
Sample Copy of Proposal Letter	Exhibit C-13
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-8, C-9, C-10, C-11, C-12
Chronology of Contact with Non-Joined Working Interests	Exhibit C-14
Overhead Rates In Proposal Letter	Exhibit C-13
Cost Estimate to Drill and Complete	Exhibit C-13
Cost Estimate to Equip Well	Exhibit C-13
Cost Estimate for Production Facilities	Exhibit C-13
Geology	
Summary (including special considerations)	Exhibit E-1 thru E-30
Spacing Unit Schematic	Exhibit E-3
Gunbarrel/Lateral Trajectory Schematic	Exhibit E-14, E-19, E-25, E-30
Well Orientation (with rationale)	Exhibit E-9, E-15, E-20, E-26
Target Formation	Exhibit E-13, E-18, E-24, E-29
HSU Cross Section	Exhibit E-13, E-18, E-24, E-29
Depth Severance Discussion	Exhibit E-4
Forms, Figures and Tables	
C-102	Exhibit C-1
Tracts	Exhibit C-7
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-11, C-12
General Location Map (including basin)	Exhibit E-1
Well Bore Location Map	Exhibit E-9, E-15, E-20, E-26
Structure Contour Map - Subsea Depth	E-27 thru E-29
Cross Section Location Map (including wells)	Exhibit E-9, E-15, E-20, E-26
Cross Section (including Landing Zone)	Exhibit E-13, E-18, E-24, E-29
Additional Information	
Special Provisions/Stipulations	See Exhibit C-19
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Adam G. Rankin
Signed Name (Attorney or Party Representative):	
Date:	9/11/2025

#### ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 25371 (Bane DSU 11)	APPLICANT'S RESPONSE
Date	September 18, 2025
Applicant	Read & Stevens, Inc.
Designated Operator & OGRID (affiliation if applicable)	Permian Resources Operating, LLC (372165)
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	Cimarex Energy Co.
Well Family	Bane
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Permian seeks to pool only a portion of the Wolfbone Pool within this spacing unit, measured from the top of the Third Bone Spring Sand interval, located at approximately 10,598 feet measured depth, to the stratigraphic equivalent of approximately 10,876 feet, measured depth, as found in the five-inch Dual Lateral Micro Log SFL in the Matador 5 Federal #1 well (API No. 30- 025-31056).
Pool Name and Pool Code:	Quail Ridge, Wolfbone Pool (Pool Code 98396)
Well Location Setback Rules:	Statewide setbacks
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320.89-acre, more or less
Building Blocks:	40 acres
Orientation:	Standup
Description: TRS/County	Lot 1 (NE/4 NE/4 equivalent), the SE/4 NE/4, and the E/2 SE/4 of Section 4 and the E/2 E/2 of Section 9, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes

Depth Severance: Y/N. If yes, description	Yes; The Wolfbone Pool within the Subject Lands incorporates a depth severance created by ownership instruments noting nonuniform ownership between the formations that is located at the division between the base of the Bone Spring formation and the top of the Wolfcamp formation. Accordingly, the ownership depth severance is found at a stratigraphic equivalent of approximately 10,876 feet, measured depth, as found in the five-inch Dual Lateral Micro Log SFL in the Matador 5 Federal #1 well (API No. 30- 025-31056).
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	No
Applicant's Ownership in Each Tract	Exhibit C-11, C-12
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	Bane 4-9 Fed Com 134H:  SHL: 1,126' FNL, 1,464' FEL (Lot 2) of Section 4  BHL: 10' FSL, 990' FEL (Unit P) of Section 9  Completion Target: Bone Spring formation  Well Orientation: North-South  Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibit C-13
AFE Capex and Operating Costs	4.0.000
Drilling Supervision/Month \$	\$10,000
Production Supervision/Month \$	\$1,000
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit G
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit H
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-3
Tract List (including lease numbers and owners)	Exhibit C-7
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A

Pooled Parties (including ownership type)	Exhibit C-8, C-9, C-10, C-11, C-12
Unlocatable Parties to be Pooled	None
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit C-13
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-8, C-9, C-10, C-11, C-12
Chronology of Contact with Non-Joined Working Interests	Exhibit C-14
Overhead Rates In Proposal Letter	Exhibit C-13
Cost Estimate to Drill and Complete	Exhibit C-13
Cost Estimate to Equip Well	Exhibit C-13
Cost Estimate for Production Facilities	Exhibit C-13
Geology	
Summary (including special considerations)	Exhibit E-1 thru E-30
Spacing Unit Schematic	Exhibit E-3
Gunbarrel/Lateral Trajectory Schematic	Exhibit E-14, E-19, E-25, E-30
Well Orientation (with rationale)	Exhibit E-9, E-15, E-20, E-26
Target Formation	Exhibit E-13, E-18, E-24, E-29
HSU Cross Section	Exhibit E-13, E-18, E-24, E-29
Depth Severance Discussion	Exhibit E-4
Forms, Figures and Tables	
C-102	Exhibit C-1
Tracts	Exhibit C-7
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-11, C-12
General Location Map (including basin)	Exhibit E-1
Well Bore Location Map	Exhibit E-9, E-15, E-20, E-26
Structure Contour Map - Subsea Depth	E-27 thru E-29
Cross Section Location Map (including wells)	Exhibit E-9, E-15, E-20, E-26
Cross Section (including Landing Zone)	Exhibit E-13, E-18, E-24, E-29
Additional Information	
Special Provisions/Stipulations	See Exhibit C-19
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Adam G. Rankin
Signed Name (Attorney or Party Representative):	
Date:	9/11/2025

## COMPULSORY POOLING APPLICATION CHECKLIST ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS Case: 25371 (Joker DSU 12) **APPLICANT'S RESPONSE Date September 18, 2025 Applicant** Read & Stevens, Inc. Designated Operator & OGRID (affiliation if applicable) Permian Resources Operating, LLC (372165) **Holland & Hart LLP** Applicant's Counsel: Case Title: APPLICATION OF READ & STEVENS, INC. FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO Entries of Appearance/Intervenors: Cimarex Energy Co. Well Family Joker Formation/Pool Formation Name(s) or Vertical Extent: Wolfcamp formation Oil Primary Product (Oil or Gas): Pooling this vertical extent: Permian seeks to pool only a portion of the Wolfbone Pool within this spacing unit, measured from the stratigraphic equivalent of approximately 10,876 feet, measured depth, to the stratigraphic equivalent of the base of the Wolfcamp A shale, located at approximately 11,236 feet measured depth, as found in the five-inch Dual Lateral Micro Log SFL in the Matador 5 Federal #1 well (API No. 30-025-31056). Pool Name and Pool Code: Quail Ridge, Wolfbone Pool (98396) Well Location Setback Rules: Statewide setbacks **Spacing Unit** Type (Horizontal/Vertical) Horizontal Size (Acres) 320.09-acre, more or less **Building Blocks:** 40 acres Orientation: Standup Description: TRS/County Lot 1 (NE/4 NE/4 equivalent), the SE/4 NE/4, and the E/2 SE/4 of Section 5 and the E/2 E/2 of Section 8, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico Standard Horizontal Well Spacing Unit (Y/N), If No, describe and Yes is approval of non-standard unit requested in this application?

Other Situations

Depth Severance: Y/N. If yes, description	The Wolfbone Pool within the Subject Lands incorporates a depth severance created by ownership instruments noting nonuniform ownership between the formations that is located at the division between the base of the Bone Spring formation and the top of the Wolfcamp formation. Accordingly, the ownership depth severance is found at a stratigraphic equivalent of approximately 10,876 feet, measured depth, as found in the five-inch Dual Lateral Micro Log SFL in the Matador 5 Federal #1 well (API No. 30- 025-31056).
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	No
Applicant's Ownership in Each Tract	Exhibit C-11, C-12
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	Joker 5-8 Fed Com 204H:  SHL: 253' FNL, 1,888' FEL (Lot 2) of Section 5  BHL: 10' FSL, 330' FEL (Unit P) of Section 8  Completion Target: Wolfcamp formation  Well Orientation: North-South  Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibit C-13
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$10,000
Production Supervision/Month \$	\$1,000
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
Notice of Hearing	20070
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit G
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit H
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-3
Tract List (including lease numbers and owners)	Exhibit C-7
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A

Pooled Parties (including ownership type)	Exhibit C-8, C-9, C-10, C-11, C-12
Unlocatable Parties to be Pooled	None
Ownership Depth Severance (including percentage above &	
below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit C-13
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-8, C-9, C-10, C-11, C-12
Chronology of Contact with Non-Joined Working Interests	Exhibit C-14
Overhead Rates In Proposal Letter	Exhibit C-13
Cost Estimate to Drill and Complete	Exhibit C-13
Cost Estimate to Equip Well	Exhibit C-13
Cost Estimate for Production Facilities	Exhibit C-13
Geology	
Summary (including special considerations)	Exhibit E-1 thru E-30
Spacing Unit Schematic	Exhibit E-3
Gunbarrel/Lateral Trajectory Schematic	Exhibit E-14, E-19, E-25, E-30
Well Orientation (with rationale)	Exhibit E-9, E-15, E-20, E-26
Target Formation	Exhibit E-13, E-18, E-24, E-29
HSU Cross Section	Exhibit E-13, E-18, E-24, E-29
Depth Severance Discussion	Exhibit E-4
Forms, Figures and Tables	
C-102	Exhibit C-1
Tracts	Exhibit C-7
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-11, C-12
General Location Map (including basin)	Exhibit E-1
Well Bore Location Map	Exhibit E-9, E-15, E-20, E-26
Structure Contour Map - Subsea Depth	E-27 thru E-29
Cross Section Location Map (including wells)	Exhibit E-9, E-15, E-20, E-26
Cross Section (including Landing Zone)	Exhibit E-13, E-18, E-24, E-29
Additional Information	
Special Provisions/Stipulations	See Exhibit C-19
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Adam G. Rankin
Signed Name (Attorney or Party Representative):	
Date:	9/11/2025

## MARK HAJDIK

2301 Sinclair Ave • Midland, Texas 79705 832-904-6006 • mark.hajdik@gmail.com

#### **EXPERIENCE**

#### **PERMIAN RESOURCES** (Successor to Colgate Energy)

Senior Staff Landman, New Mexico Delaware, September 2022 – Present

- Managed up to 5 active rig lines for horizontal development in the New Mexico Delaware Basin including title clearance, title curative, compulsory pooling, and working interest partner negotiations
- Proposed and obtained approval for Potash Development Areas ensuring Permian Resource's ability to develop its leasehold within the Potash boundary
- Extensively worked with NM State Land Office, NMOCD, BLM, and outside counsel to ensure Permian Resource's NM wells remained compliant and leasehold obligations were successfully met
- Facilitated and testified at NM compulsory pooling hearings to solidify operatorship of Permian Resource's acreage and drive value by creating a Land-driven bullpen of DSUs
- Closed numerous farmouts, trades, and acreage acquisitions to increase working interest in near-term drill schedule units to maximize value

#### **COLGATE ENERGY**

Senior Staff Landman, New Mexico and Texas Delaware, May 2018 - Merged into Permian Resources

- Managed all land components of my area of responsibility's multi-rig, multi-state development program
  including pre-spud planning, regulatory matters, compulsory pooling, Texas private and GLO pooling,
  title clearance and curative, government agency and stakeholder negotiations, and ongoing leasehold and
  contract maintenance
- Negotiated, drafted, amended, edited, and reviewed oil and gas documents including leases, operating
  agreements, assignments, title curative, exchange agreements, letter agreements, pooling agreements, and
  confidentiality agreements
- Spearheaded and directed Colgate's initial New Mexico horizontal development program by collaborating and coordinating with Colgate's technical team, regulatory team, government agencies, and consultants
- Devised and implemented accretive acreage trades and acquisitions involving thousands of net acres in the Delaware Basin which converted Colgate's scattered legacy and newly acquired acreage positions into operated, high net working interest, drill-ready units
- Successfully managed a BLM permitting campaign in advance of the 2020 federal permitting pause resulting in Colgate having the federal permits necessary to prosecute its New Mexico development plan

#### **ANADARKO PETROLEUM CORPORATION**

Senior Landman, Texas Delaware, September 2013 - May 2018

- Managed the day-to-day land responsibilities of a multi rig drilling program in the Delaware Basin
- Developed and implemented the procedures and techniques to effectively and efficiently manage a 100,000 plus acre, multi rig, non-operated drilling program
- Negotiated, wrote, amended, and reviewed leases, operating agreements, assignments, and farmouts
- Managed the Land aspects of a 17-rig ramp in Reeves County to earn operatorship of an expiring Joint Development Agreement by drilling in excess of 70 gross wells
- Managed multiple field landmen crews and title attorneys to ensure timely leasing, title review, and curative for an accelerated drilling program
- Coordinated with engineering, geology, and regulatory to ensure optimal field development, drilling efficiencies, and appropriate drill site inventory
- Calculated and approved working interests and net revenue interests for operated and non-op wells
- Led, mentored, and trained analysts and new hire landmen to assume roles within the non-operated group
- Negotiated drafted unit agreements and leases with State of Texas entities and landowners

BEFORE THE OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Exhibit No. C
Submitted by: Read & Stevens, Inc.
Hearing Date: September 18, 2025
Case No. 25371

• Identified A&D opportunities to monetize non-core acreage positions and secure partnerships with strategic third parties to maximize long lateral drilling opportunities and consolidate acreage positions

### R. R. Murphy & Associates, P.C.

Attorney, May 2013 - September 2013

- Drafted title opinions to identify title defects and ownership of surface and mineral right
- Researched complex oil and gas, probate and real estate legal issues
- Prepared various real estate and probate documents

#### FOSTER & HARVEY, P.C.

Attorney, June 2012 – April 2013

- Examined abstracts of title, leases, contracts and other legal documents to identify title defects and ownership of land and oil and gas rights
- Rendered title opinions to identify gaps, defects and other deficiencies in the chain of title under examination and recommended action for curative
- Drafted and revised curative instruments as requested by the client

#### **TEX-BRIT CORPORATION**

Landman, May 2008 - January 2009; March 2012 - June 2012

- Conducted comprehensive title examination of real property and public records for oil and gas prospects
- Built detailed title abstracts and ownership reports for drilling title opinions and leasing opportunities

#### **EDUCATION**

## SOUTH TEXAS COLLEGE OF LAW – J.D., DECEMBER 2011

Class Rank: Top 20%

Honors: South Texas Law Review, Assistant Note & Comment Editor, Dean's Honor List, Best

Brief Award-Spurgeon Bell Moot Court Competition, American Jurisprudence Award,

First Place Team Garland Walker Mock Trial Competition

Activities: Varsity Advocate, South Texas Appellate Advocacy Program, Real Estate Transactional

Program, International Studies, Malta, Phi Delta Phi Legal Honor Society

St. EDWARD'S UNIVERSITY – B.B.A. Finance & Management, May 2008, cum laude

**Honors:** Academic Honorable Mention, Spring 2006-2008, Dean's List: Fall 2007, Fall 2008 Activities: Alpha Phi Omega Community Service Organization, International Study Program in

Bilbao Spain, Delta Sigma Pi (Professional Business Fraternity)

#### **PROFESSIONAL MEMBERSHIPS & INTERESTS**

Permian Basin Landmen's Association, New Mexico Association of Landmen, AAPL, State Bar of Texas, 4-H: Gold Star Award, Eagle Scout, Ironman Athlete

#### Received by OCD: 7/14/2023 12:17:21 PM

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District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. Frist St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III

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 30-025-PENDING 3 Pool Code 96637 3 Pool Name TEAS; BONE SPRING, EAST 4 Property Code 8 Property Name BANE 4-9 FED COM 111H 6 Well Number 111H 7 OGRID No. 372165 9 PERMIAN RESOURCES OPERATING, LLC 9 Elevation 3645.9

UL or lot no. Section 4 20S 34E Lot Idn Feet from the 628 NORTH 1071 WEST LEA

"Bottom Hole Location If Different From Surface

UL or lot no. M 9 20S 34E Lot Idn Feet from the North/South line NORTH 1071 WEST LEA

"Bottom Hole Location If Different From Surface

UL or lot no. M 9 20S 34E Lot Idn Feet from the 10 SOUTH 330 WEST LEA

"Dedicated Acres 10 Joint or Infill 14 Consolidation Code 15 Order No.

10 Surface Location

12 Dedicated A 320.21 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. Re-Established by Single Proportion Method 17 OPERATOR "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 load 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. S89°39'03"W N 1/4 Cor. T19 S 2637.55' (Med 2642.25' (Meas.) T20S 1071 LOT 3 40.44 Acres LOT 2 40.66 Acres LOT 1 40.89 (Meas.) NAD 83 (SURFACE HOLE LOCATION) LOT 4 40.21 Acres LATITUDE = 32°36'27.79" (32.607718°) NOO"20"20"E 2638.60" (Meas NAD 27 (SURFACE HOLE LOCATION) N00'09'C ATITUDE = 32°36'27.34" (32.607595°) LONGITUDE = -103°34'11.27" (-103.569798' STATE PLANE NAD 83 (N.M. EAST) Signature N: 585661.75' E: 776301.38' STATE PLANE NAD 27 (N.M. EAST) Printed Name NAD 83 (FIRST TAKE POINT) LATITUDE = 32°3633.00° (32.609166°) LONGITUDE = -10°34′21.65° (-103.572681°) NAD 27 (FIRST TAKE POINT) LATITUDE = 32°36′32.56° (32.609043°) LONGITUDE = -10°34′19.88° (-103.572180°) 2639' FN 2637' FS 344' FWL 7.46"W (Meas.) NO0'06'38"E 2635.85" (Meds., E-mail Address NO0'09' STATE PLANE NAD 83 (N.M. EAST) N: 586183.39' E: 775561.36' STATE PLANE NAD 27 (N.M. EAST) N: 586120.44' E: 734380.8 NAD 83 (LEASE PENETRATION POINT) LATITUDE = 32°36′07.88" (32.602188°) LONGITUDE = -103°34′21.75" (-103.572711°) N89°50'48"W 2652.40' (Meas. 2662.64' (Meas.) TI"E (Meas.) NO0'09'14"W 2641.21" (Meas.) NAD 27 (LEASE PENETRATION POINT) NAD 27 (LEASE PENE IRATION POINT) LATITUDE = 32°36'07.43" (32.602065°) LONGITUDE = -103°34'19.98" (-103.572218° STATE PLANE NAD 83 (N.M. EAST) NOOTS' N: 583644.45' E: 775570.67' STATE PLANE NAD 27 (N.M. EAST) N: 583581.57' E: 734390.0 NAD 83 (LAST TAKE POINT) NADS (LAST I ARE FUINT) LATITIUDE = 32°34'50.51" (32.580697°) LONGITUDE = -103°34'22.07" (-103.572798° NAD 27 (LAST TAKE POINT) LATITIUDE = 32°34'50.07" (32.580574°) LONGITUDE = -103°34'20.31" (-103.572307° NO0'09'38"W 2641.91' (Meas. LONGITUDE = -103-34-20.31" (-103.572 STATE PLANE NAD 83 (N.M. EAST) N: 575825.55' E: 775599.31' STATE PLANE NAD 27 (N.M. EAST) N: 575762.91' E: 734418.48' N00'10'1 2639.44" BEFORE THE OIL CONSERVATION COMMISSION Santa Fe, New Mexico Exhibit No. C-1 NAD 83 (BOTTOM HOLE LOCATION) Submitted by: Read & Stevens, Inc. NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 323449 (62° 25.369450°)
LONGITUDE = -103°34'22.07" (-103.572798°
NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 32°34'49.18" (32.580327°)
LONGITUDE = -103°34'20.31" (-103.572307°
STATE PLANE NAD 83 (N.M. EAST) 330' Hearing Date: September 18, 2025 N89°59'36"W 2646.55' (Med See Detail Case No. 25371 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. N: 575735.57' E: 775599.94'
STATE PLANE NAD 27 (N.M. EAST)
N: 575672.93' E: 734419.11' SECTION LINE TABLE 330' DIRECTION LENGTH LINE L1 S89°45'16"W 2637.55 L5 N89°52'03"W 2654.74 100 March 16, 2023 LEGEND: Date of Survey Signature and Seal of Professional Surveyor: PROPOSED WELLHEAD. WELL BORE LINE TABLE TAKE POINT. BUCHE LINE DIRECTION LENGTH L2  $AZ = 305.42^{\circ}$ 905.55 O = TARGET BOTTOM HOLE. MEX Detail "A = SECTION CORNERS LOCATED. L3 AZ = 180.03° 2539.40 No Scale  $\triangle$  = SECTION CORNER RE-ESTABLISHED. L4 AZ = 179.84° 90.00' (Not Set on Ground.)

= LEASE LINE. -23 2000 1000 TE:
Distances referenced on plat to
section lines are perpendicular.
Basis of Bearings is a Transverse
Mercator Projection with a Central
Meridian of W103°53'00" (NAD 83) ONAL SCALE

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District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 <u>District II</u> 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 234 6175 Env. (505) 234 6170

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

20S

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

Form C-102
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County

WEST

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

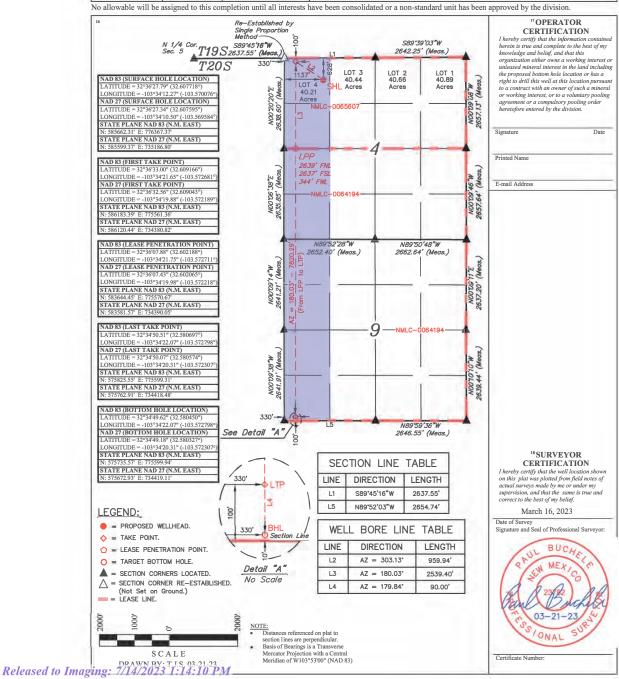
<sup>1</sup> API Numbe 30-025-PENI		<sup>2</sup> Pool Code 96637	<sup>3</sup> Pool Name TEAS; BONE SPRING, EA	AST
<sup>4</sup> Property Code			operty Name 4-9 FED COM	<sup>6</sup> Well Number 121H
<sup>7</sup> OGRID No. 372165				9 Elevation 3645.9'

Range 34E Lot Idn Feet from the North/South line NORTH 1137

11 Bottom Hole Location If Different From Surface

10 Surface Location

UL or lot no. M	Section 9	Township 20S	Range 34E	Lot Idn	Feet from the 10	North/South line SOUTH	Feet from the 330	East/West line WEST	County LEA
12 Dedicated Acre 320.21	es 13 J	oint or Infill	14 Conso	olidation Code	15 Order No.				



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<u>District I</u> 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

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20S

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

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County

WEST

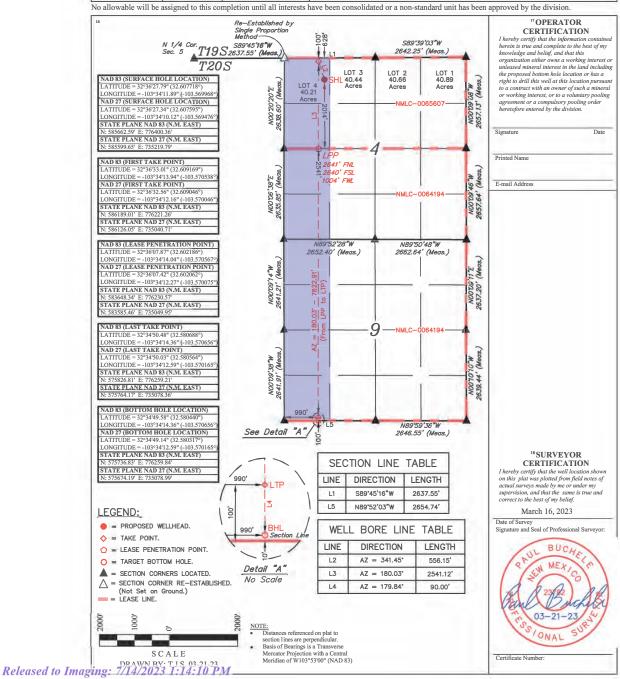
#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Numbe 30-025-PENI		<sup>2</sup> Pool Code 96637	<sup>3</sup> Pool Name TEAS; BONE SPRING, EA	AST
<sup>4</sup> Property Code			operty Name 4-9 FED COM	<sup>6</sup> Well Number 122H
<sup>7</sup> OGRID No. 372165			9 Elevation 3645.8'	

Range 34E North/South li NORTH 628 1170 11 Bottom Hole Location If Different From Surface

10 Surface Location

-											
	UL or lot no. M	Secti 9	ion	Township 20S	Range 34E	Lot Idn	Feet from the 10	North/South line SOUTH	Feet from the 990	East/West line WEST	County LEA
	12 Dedicated Acre	es	13 Jo	oint or Infill	14 Conso	olidation Code	15 Order No.				



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<u>District I</u> 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

<u>District IV</u> 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

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County

WEST

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Numbe 30-025-PENI		<sup>2</sup> Pool Code 96637	<sup>3</sup> Pool Name TEAS; BONE SPRING, EA	AST
<sup>4</sup> Property Code		5 Pr BANE	<sup>6</sup> Well Number 171H	
<sup>7</sup> OGRID No. 372165			perator Name URCES OPERATING, LLC	9 Elevation 3646.1'

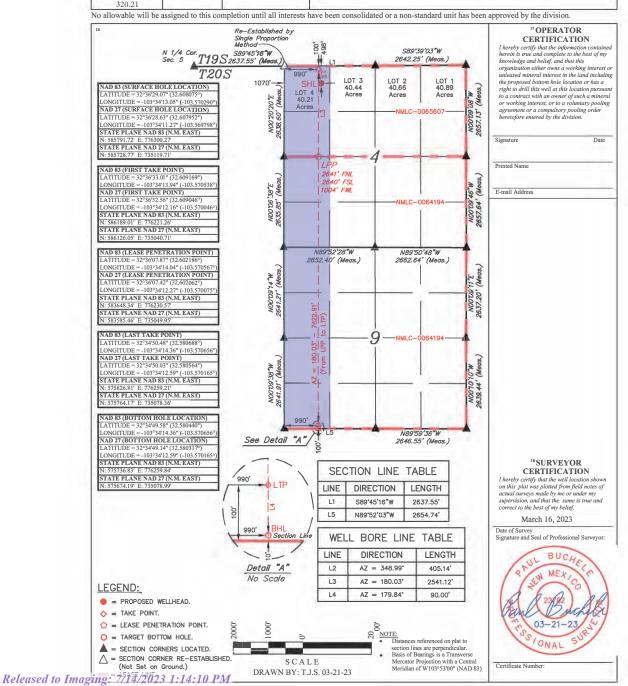
10 Surface Location NORTH 498 1070

Feet from the

Range 34E

20S

				11	Bottom H	ole Location	If Different From	Surface		
11	UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	M	9	20S	34E	(	10	SOUTH	990	WEST	LEA
	12 Dedicated Acre	es 1	Joint or Infill	14 Conse	olidation Code	15 Order No				



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District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 <u>District II</u> 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

Phone: (575) 748-1283 Fax: (575) 748-9720 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 <u>District IV</u> 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
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District Office

☐ AMENDED REPORT

# | WELL LOCATION AND ACREAGE DEDICATION PLAT | 1-P001 Name | 30-025-PENDING | 96637 | TEAS; BONE SPRING, EAST | 1-P001 Name | 1-P

UL or lot no.	Section 4	Township 20S	Range 34E	Lot Idn	Feet from the 498	North/South line NORTH	Feet from the 1103	East/West line WEST	County LEA
			11	Bottom H	ole Location I	f Different From	Surface		
UL or lot no. M	Section 9	Township 20S	Range 34E	Lot Idn	Feet from the 10	North/South line SOUTH	Feet from the 330	East/West line WEST	County LEA
12 Dedicated Acre	ns 13 J	nint or Infill	14 Consc	lidation Code	15 Order No.				

10 Surface Location

320.21 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. Re-Established by Single Proportion Method 17 OPERATOR CERTIFICATION 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. S89°39'03"W N 1/4 Cor. T19 S 2637.55' (Meas 2642.25' (Meas.) 330 T20S LOT 2 40.66 Acres LOT 1 40.89 1103' (Meas.) NAD 83 (SURFACE HOLE LOCATION) LATITUDE = 32°36'29.07" (32.608075°) LONGITUDE = -103°34'12.66" (-103.570 NO0"20"20"E 2638.60" (Meas NAD 27 (SURFACE HOLE LOCATION) NO079'C 2657.13' NMLC LATITUDE = 32°36'28.63" (32.607952°) LONGITUDE = -103°34'10.89" (-103.569 STATE PLANE NAD 83 (N.M. EAST) Signature STATE PLANE NAD 27 (N.M. EAST) Printed Name NAD 83 (FIRST TAKE POINT) LATITUDE = 32°36′33.00° (32.609166°) LONGITUDE - 10°34′21.68° (-103.572681° NAD 27 (FIRST TAKE POINT) LATITUDE = 32°36′32.56° (32.609043°) LONGITUDE - 10°3°34′19.88° (-103.572189° 2639' FNI 2637' FSI 344' FWL '46"W (Meas.) N00'06'38"E 2635.85" (Meas. E-mail Address NO0'09' STATE PLANE NAD 83 (N.M. EAST) N: 586183.39' E: 775561.36' STATE PLANE NAD 27 (N.M. EAST) NAD 83 (LEASE PENETRATION POINT) LATITUDE = 32°36'07.88" (32.602188°) LONGITUDE = -103°34'21.75" (-103.572711°) N89"52'28"W 2652.40' (Meas.) N89'50'48"W 2662.64' (Meas.) 11"E (Meas.) NOO'09'14"W 2641.21" (Meds.) NAD 27 (LEASE PENETRATION POINT) LATITUDE = 32°36'07.43" (32.602065°) LONGITUDE = -103°34'19.98" (-103.572218° N00'09'1 2637.20' ( STATE PLANE NAD 83 (N.M. EAST) N: 583644.45' E: 775570.67' STATE PLANE NAD 27 (N.M. EAST) N: 583581.57' E: 734390.05' NAD 83 (LAST TAKE POINT) LATITUDE = 32°34'50.51" (32.580697°) LONGITUDE = -103°34'22.07" (-103.572798 NAD 27 (LAST TAKE POINT)
LATITUDE = 32°34'50.07" (32.580574°)
LONGITUDE = -103°34'20.31" (-103.572307 (Meas.) NO0'09'38"W 2641.91' (Meas. STATE PLANE NAD 83 (N.M. EAST) N: 575825 55' F: 775599 31' N00707 N: 575825.55' E: 775599.31'

STATE PLANE NAD 27 (N.M. EAST)
N: 575762.91' E: 734418.48' NAD 83 (BOTTOM HOLE LOCATION) LATITUDE = 32°34'49.62" (32.580450°) LONGITUDE = -103°34'22.07" (-103.57 330' N89°59'36"W 2646.55' (Med LONGITUDE = -103°34'22.07" (-103.572798' NAD 27 (BOTTOM HOLE LOCATION) LATHTUDE = 32°34'49.18" (32.580327°) LONGITUDE = -103°34'20.31" (-103.572307' STATE PLANE NAD 83 (N.M. EAST) 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. SECTION LINE TABLE N: 575735.57' E: 775599.94' STATE PLANE NAD 27 (N.M. EAST) <sup>′</sup>330' LINE DIRECTION LENGTH S89°45'16"W 2637.55 L1 L5 N89°52'03"W 2654.74 March 16, 2023 LEGEND: 100 Date of Survey Signature and Seal of Professional Surveyor: PROPOSED WELLHEAD. WELL BORE LINE TABLE ♦ = TAKE POINT. Section BUCHE LINE DIRECTION LENGTH L2 AZ = 297.13° 865.61 O = TARGET BOTTOM HOLE. MEX Detail "A" = SECTION CORNERS LOCATED. L3 AZ = 180.03° 2539.40 No Scale △ = SECTION CORNER RE-ESTABLISHED.
(Not Set on Ground.)
= LEASE LINE. L4  $AZ = 179.84^{\circ}$ 90.00 -23 2000 1000 NOTE:

Distances referenced on plat to section lines are perpendicular.
Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83) ONAL SCALE Released to Imaging: 7/14/2023 1:14:10 PM

Page 140 of 484

<u>District I</u> 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 IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

☐ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Numbe 30-025-PENI	<sup>2</sup> Pool Code 96637	<sup>3</sup> Pool Name TEAS; BONE SPRING, EA	AST	
<sup>4</sup> Property Code		<sup>5</sup> Property Name BANE 4-9 FED COM		
<sup>7</sup> OGRID No. 372165		perator Name IRCES OPERATING, LLC	9 Elevation 3645.8'	

10 Surface Location County LEA Range 34E NORTH 20S WEST 628 1104 "Bottom Hole Location If Different From Surface

Township 20S Lot Idn North/South I SOUTH County LEA or Infill 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. 17 OPERATOR "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 lond 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. 9 589'39'03"W N 1/4 Cor. Sec. 5 T19 S 2637.55' (Meas 2642.25' (Meas.) T20S 1650' 88 LOT 2 40.66 Acres LOT 1 40.89 1104' (Meas.) NAD 83 (SURFACE HOLE LOCATION) LOT 4 40.21 Acres LATITUDE = 32°36'27.79" (32.607718°) LONGITUDE = -103°34'12.66" (-103.57) NOO"20"20"E 2638.60" (Meas NAD 27 (SURFACE HOLE LOCATION) N00'09'0 LONGITUDE = -103°34'10.89" (-103.569 STATE PLANE NAD 83 (N.M. EAST) Signature N: 585662.03' E: 776334.37'
STATE PLANE NAD 27 (N.M. EAST) Printed Name NAD 83 (FIRST TAKE POINT)
LATITUDE = 32°36′33.02″ (32.609171°)
LONGITUDE = -103°34′06.22″ (-103.568
NAD 27 (FIRST TAKE POINT)
LATITUDE = 32°36′32.57″ (32.609048°)
LONGITUDE = -103°34′04.45″ (-103.567 2643' FNL , (Meas.) 2642 1664 NOO'06'38"E 2635.85' (Meas. E-mail Address NO0'09' STATE PLANE NAD 83 (N.M. EAST) N: 586194.63' E: 776881.16' STATE PLANE NAD 27 (N.M. EAST) NAD 83 (LEASE PENETRATION POINT) LATITUDE = 32°36'07.86" (32.602183°) LONGITUDE = -103°34'06.33" (-103.568424°) N89°50'48"W 2652.40' (Meas.) 2662.64' (Meas.) TI"E (Meas.) LATITUDE = -103°34'04.56" (-103.568424")

LATITUDE = 32°36'07.42" (32.602060°)

LONGITUDE = -103°34'04.56" (-103.567932° NOO'09'14"W 2641.21" (Meas NOOTS' STATE PLANE NAD 83 (N.M. EAST) N: 583652.24' E: 776890.47' STATE PLANE NAD 27 (N.M. EAST) NAD 83 (LAST TAKE POINT) LATITUDE = 32°34'50.44" (32.580678°) LONGITUDE = -103°34'06.65" (-103.568514° LAST TAKE POINT)
LATITUDE = 32°34′50.00" (32.580555°)
LONGITUDE = -103°34′04.88" (-103.568023 (Meas.) NO0'09'38"W 2641.91' (Meas.) LONGITUDE = -103-3404.88\* (-103.568 STATE PLANE NAD 83 (N.M. EAST) N: 575828.08' E: 776919.10' STATE PLANE NAD 27 (N.M. EAST) N0010'1 2639.44' NAD 83 (BOTTOM HOLE LOCATION) LATITUDE = 32°34'49.55" (32.580431° LONGITUDE = -103°34'06.65" (-103.56 N89°59'36"W 2646.55' (Med See Detail "A", LONGITUDE = -103°34'06.65" (-103.56851.

NAD 27 (BOTTOM HOLE LOCATION)

LATITUDE = 32°34'49.11" (32.58030'7°)

LONGITUDE = -103°34'04.88" (-103.56802.

STATE PLANE NAD 83 (N.M. EAST) 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. SECTION LINE TABLE N: 575738.09' E: 776919.73' STATE PLANE NAD 27 (N.M. EAST) LINE DIRECTION LENGTH 1650' L1 S89°45'16"W 2637.55 L5 N89°52'03"W 2654.74 March 16, 2023 100 Date of Survey Signature and Seal of Professional Surveyor: WELL BORE LINE TABLE 1650 BUCHE LINE DIRECTION LENGTH L2  $AZ = 46.00^{\circ}$ 763.44 MEX "A Detail L3 AZ = 180.03° 2542.85 LEGEND: No Scale L4  $AZ = 179.84^{\circ}$ 90.00' = PROPOSED WELLHEAD. TAKE POINT. ONOTE:

NOTE: A LEASE PENETRATION POINT. 03-21--23 000 O = TARGET BOTTOM HOLE. ances referenced on plat to Distances reterenced on plactic section lines are perpendicular. Basis of Bearings is a Transverse Mercator Projection with a Centi ONAL = SECTION CORNERS LOCATED. \_\_\_\_\_ = SECTION CORNER RE—ESTABLISHED.
(Not Set on Ground.) SCALE Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)

DRAWN BY: T.J.S. 03-21-23

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District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 <u>District II</u> 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462 State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

☐ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Numb 30-025-PEN	<sup>2</sup> Pool Code 96637	<sup>3</sup> Pool Name TEAS; BONE SPRING, EA	AST
<sup>4</sup> Property Code		roperty Name 4-9 FED COM	<sup>6</sup> Well Number 123H
<sup>7</sup> OGRID No. 372165		perator Name JRCES OPERATING, LLC	9 Elevation 3646.0'

					10 Surface	Location			
UL or lot no.	Section 4	Township 20S	Range 34E	Lot Idn	Feet from the 628	North/South line NORTH	Feet from the 1203	East/West line WEST	County LEA
			11	Rottom H	ole Location I	f Different From	Surface		

١,					11	Bottom H	ore r	Location I	Different From	Surrace		
- 1	UL or lot no.	Sect	tion	Township	Range	Lot Idn	Fee	et from the	North/South line	Feet from the	East/West line	County
	N	9	9	20S	34E			10	SOUTH	1650	WEST	LEA
	12 Dedicated Acre 320.44	es	13 Jo	oint or Infill	14 Conso	olidation 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. Re-Established by Single Proportion Method 17 OPERATOR CERTIFICATION 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. 100 S89°39'03"W N 1/4 Cor. T19 S 2637.55' (Meas 2642.25' (Meas.) T20S 1650 628 LOT 3 40.44 Acres 1203' LOT 2 40.66 LOT 1 40.89 (Meas.) NAD 83 (SURFACE HOLE LOCATION) LOT 4 40.21 Acres LATITUDE = 32°36'27.79" (32.607719°) NOO'20'20"E 2638.60" (Meas NAD 27 (SURFACE HOLE LOCATION) NO079'C 2657.13' NMLC ATITUDE = 32°36'27.34" (32.607595°) LONGITUDE = -103°34'09.73" (-103.56936 STATE PLANE NAD 83 (N.M. EAST) Signature N: 585662.88' E: 776433.35' STATE PLANE NAD 27 (N.M. EAST) LPF Printed Name NAD 83 (FIRST TAKE POINT)
LATITUDE = 32°36'33.02° (32.609171°)
LONGITUDE = -10°3'4'06.22" (-103.568395
NAD 27 (FIRST TAKE POINT)
LATITUDE = 32°36'32.57" (32.609048°)
LONGITUDE = -10°3'4'04.45" (-103.567903 2643' FNL FSL '46"W (Meas.) 2642 NO0'06'38"E 2635.85" (Meas 1664 E-mail Address NMLC-006419 NO0'09' STATE PLANE NAD 83 (N.M. EAST) N: 586194.63' E: 776881.16' STATE PLANE NAD 27 (N.M. EAST) NAD 83 (LEASE PENETRATION POINT) LATITUDE = 32°36′07.86″ (32.602183°) LONGITUDE = -103°34′06.33″ (-103.568424°) N89°52'28"W 2652.40' (Meas.) N89°50'48"W 2662.64' (Meas.) 11"E (Meas.) NAD 27 (LEASE PENETRATION POINT) NO0'09'14"W 2641.21" (Meas. NAD 27 (LEASE PERETRATION POINT LATITUDE = 32°36'07.42" (32.602060°) LONGITUDE = -103°34'04.56" (-103.567932 STATE PLANE NAD 83 (N.M. EAST) N00'09'1 N: 583652.24' E: 776890.47' STATE PLANE NAD 27 (N.M. EAST) 112 NAD 83 (LAST TAKE POINT LATITUDE = 32°34'50.44" (32.580678°) LONGITUDE = -103°34'06.65" (-103.568514° LATITUDE = -103°34'04.88" (-103.568023 LONGITUDE = -103°34'04.88" (-103.568023 (Meas.) NO0'09'38"W 2641.91' (Meds. LONGITUDE = -103-3404.88" (-103.568 STATE PLANE NAD 83 (N.M. EAST) N: 575828.08' E: 776919.10' STATE PLANE NAD 27 (N.M. EAST) N00707 NAD 83 (BOTTOM HOLE LOCATION) 1650 NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 323449.55° (2.580431°)
LONGITUDE = -103°34'06.65" (-103.568514°
NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 32°34'49.11" (32.580307°)
LONGITUDE = -103°34'04.88" (-103.568023°
STATE PLANE NAD 83 (N.M. EAST) N89°59'36"W 2646.55' (Med See Detail "A" 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. N: 575738.09' E: 776919.73' STATE PLANE NAD 27 (N.M. EAST) SECTION LINE TABLE LINE DIRECTION LENGTH 1650' S89°45'16"W 2637.55 L1 L5 N89°52'03"W 2654.74 March 16, 2023 Date of Survey Signature and Seal of Professional Surveyor: 100 WELL BORE LINE TABLE BUCHE LINE DIRECTION LENGTH L2  $AZ = 40.34^{\circ}$ 695.31 MEX L3 AZ = 180.03° 2542.85 LEGEND: Detail "A L4 AZ = 179.84° 90.00' No Scale = PROPOSED WELLHEAD. TAKE POINT. 8 NOTE: Dis 03-21--23 000 O = TARGET BOTTOM HOLE. ances referenced on plat to ONAL Distances referenced on plat to section lines are perpendicular. Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83) = SECTION CORNERS LOCATED. \_\_\_\_\_ = SECTION CORNER RE-ESTABLISHED.
(Not Set on Ground.) SCALE DRAWN BY: T.J.S. 03-21-23

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<u>District I</u> 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 IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

20S

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

County LEA

WEST

1236

### WELL LOCATION AND ACREAGE DEDICATION PLAT

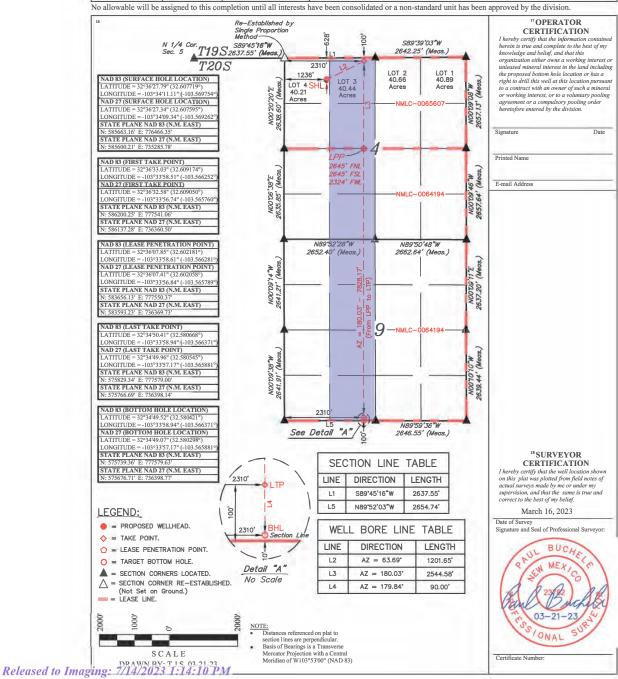
<sup>1</sup> API Numb 30-025-PEN	<sup>2</sup> Pool Code 96637	TEAS; BONE SPI	
<sup>4</sup> Property Code		roperty Name 4-9 FED COM	6 Well Number 124H
<sup>7</sup> OGRID No. 372165		perator Name RCES OPERATING, LLC	9 Elevation 3649.2'

10 Surface Location

Range 34E North/South li NORTH 11 Bottom Hole Location If Different From Surface

ĺ	UL or lot no. N	Section 9	Township 20S	Range 34E	Lot Idn	I	eet from the 10	North/South line SOUTH	Feet from the 2310	East/West line WEST	County LEA
	12 Dedicated Acre 320,44	es 1	<sup>3</sup> Joint or Infill	14 Conse	olidation Code		15 Order No.				

628



Page 143 of 484

<u>District I</u> 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

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AMENDED REPORT

County

WEST

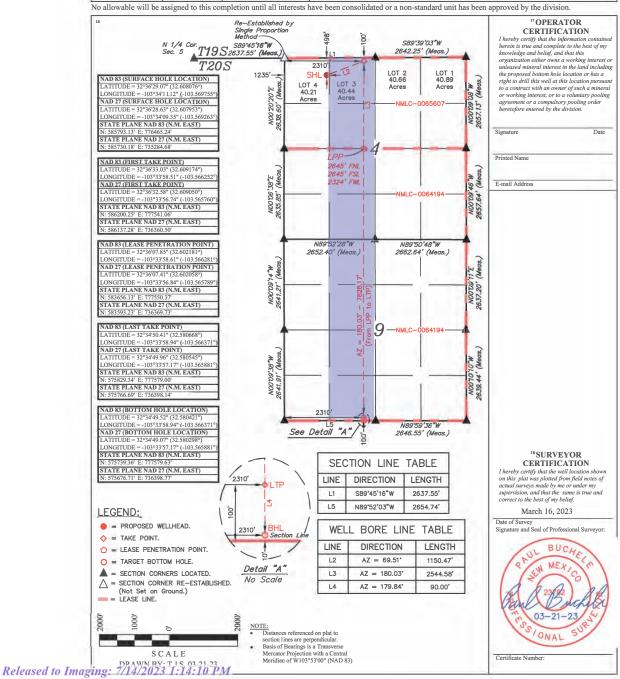
#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Numbe 30-025-PENI	<sup>2</sup> Pool Code 96637	<sup>3</sup> Pool Name TEAS; BONE SPRING, EAST				
<sup>4</sup> Property Code		operty Name 4-9 FED COM	<sup>6</sup> Well Number 172H			
<sup>7</sup> OGRID No. 372165		perator Name URCES OPERATING, LLC	9 Elevation 3646.6'			

10 Surface Location

Range 34E 20S NORTH 498 1235 Bottom Hole Location If Different From Surface

٠.		Bottom Hole Location in 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		
	N	9	20S	34E		10	SOUTH	2310	WEST	LEA		
U	12 Dedicated Acro 320.44	es 13	Joint or Infill	14 Cons	olidation Code	15 Order No.						



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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 <u>District IV</u> 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

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#### WELL LOCATION AND ACREAGE DEDICATION PLAT

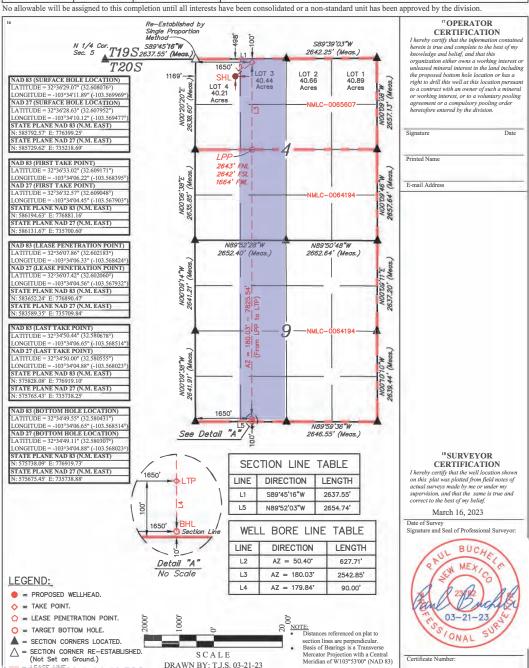
<sup>1</sup> API Numb 30-025-PEN	<sup>2</sup> Pool Code 96637	<sup>3</sup> Pool Name TEAS; BONE SPRING, EAST				
<sup>4</sup> Property Code		Property Name 6 Well Numb 1E 4-9 FED COM 132H				
<sup>7</sup> OGRID No. 372165		perator Name RCES OPERATING, LLC	9 Elevation 3646.0'			

### 10 Surface Location

	4	4	20S	34E		498	NORTH	1169	WEST	LEA
"Bottom Hole Location If Different From Surface										

"Bottom Hole Location If Different From Surface

UL or lot no.	Sect 9	ion	20S	34E	Lot Ian	10	SOUTH	1650	WEST	LEA
12 Dedicated Acre 320.44	es	13 Jo	int or Infill	14 Conso	olidation Code	15 Order No.				



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<u>District IV</u> 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

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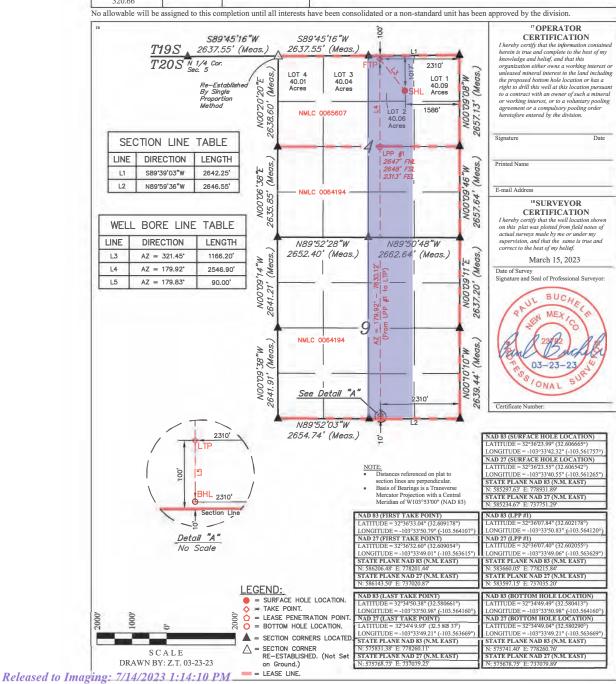
☐ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT 1-API Number 30-025-PENDING 3 Pool Code 96637 3 Pool Name TEAS; BONE SPRING, EAST 4 Property Code 8 Property Name BANE 4-9 FED COM 113H 6 Well Number 113H 7 OGRID No. 372165 9 PERMIAN RESOURCES OPERATING, LLC 9 Elevation 3646.7°

10 Surface Location

O 9 20S 34E 10 SOUTH 2310 EAST LEA

12 Dedicated Acres 320.66 13 Joint or Infill 14 Consolidation Code 15 Order No.



Page 146 of 484

# 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
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☐ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT 1-API Number 30-025-PENDING 1-Pool Code 96637 3-Pool Name TEAS; BONE SPRING, EAST 4-Property Code 5-Property Name BANE 4-9 FED COM 125H 6-Well Number 125H 7-OGRID No. 372165 1-Poperty Name 9-Departor Name 1-Permian RESOURCES OPERATING, LLC 3-Poperty Name 125H 372165 3-Poperty Name 125H <t

2	Section 4	20S	34E	Lot Ian	1082	NORTH	1591	EAST	LEA
			11	Bottom H	ole Location I	f Different From	Surface		
UL or lot no.	Section 9	Township 20S	Range 34E	Lot Idn	Feet from the 10	North/South line SOUTH	Feet from the 2310	East/West line EAST	County LEA
12 Dedicated Acre	es 13 J	oint or Infill	14 Conso	olidation Code	15 Order No.				

<sup>10</sup> Surface Location

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division. 17 OPERATOR S89'45'16"W S89°45'16"W CERTIFICATION 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. T19S 2637.55' (Meas. 2637.55' (Meas.) T205 N 1/4 Cor. 2310 LOT 1 40.09 Arces Weds.) ,20"E (Meas., LOT 4 40.01 Acres LOT 3 40.04 Re-Establis By Single Proportion Method Acres NO0"20" 538.60" ( N00°09' LOT 2 40.06 Acres NMLC 0065607 Signature SECTION LINE TABLE DIRECTION LINE LENGTH 46"W (Meas.) Printed Name '38"E (Meas., S89\*39'03"W 2642.25 L1 L2 N89°59'36"W 2646.55 NO0"06"3 2635.85" ( N00'09'4 2657.64' ( E-mail Address NMLC 0064194 18 SURVEYOR CERTIFICATION I hereby certify that the well location show 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. WELL BORE LINE TABLE DIRECTION LINE LENGTH N89°50'48"W N89°52'28"W 2652.40' (Meas.) (Meas.) AZ = 323.57\* 2662.64' (Meas.) 1215.47 NOO°09'14"W 2641.21" (Meas. March 15, 2023 L4  $AZ = 179.92^{\circ}$ 2546.90' Date of Survey Signature and Seal of Professional Surveyor: NO0'09'1 2637.20' ( AZ = 179.83° L5 90.00 BUCA 1 2 MEX 179 rom NMLC 0064194 '10"W (Meds.) NO0'09'38"W 2641.91' (Meas.)  $\frac{AZ}{(Fro)}$ 03-23 N00'10'1 2639.44' ( ONAL See Detail "A 2310' N89°52'03"W 2654.74' (Meas.) 10 2310 LATITUDE = 32°36'23.34" (32.606484°) LONGITUDE = -103°33'42.38" (-103.561773°)

NAD 27 (SURFACE HOLE LOCATION) LATITUDE = 32°36'22.90" (32.606361°) LONGITUDE = -103°33'40.61" (-103.561: STATE PLANE NAD 83 (N.M. EAST) TE:
Distances referenced on plat to
section lines are perpendicular.
Basis of Bearings is a Transverse
Mercator Projection with a Central
Meridian of W103°53'00" (NAD 83) N: 585231.80' E: 778927.30' STATE PLANE NAD 27 (N.M. EAST) BHL 2310' NAD 83 (FIRST TAKE POINT)
LATITUDE = 32°36°33.04" (32.609178°)
LONGITUDE = -10°33′50.79" (-103.564107°
NAD 27 (FIRST TAKE POINT)
LATITUDE = 32°36°32.60" (32.609054°)
LATITUDE = 32°36°32.60" (32.609054°) NAD 83 (LPP #I)

LATITUDE = 32°36'07.84" (32.602178°)

LONGITUDE = -103°33'50.83" (-103.564120°)

NAD 27 (LPP #I)

LATITUDE = 32°36'07.40" (32.602055°) Detail "A" No Scale LONGITUDE = -103°33'49.06" (-103.563629°) LONGITUDE = -103°33'49.01" (-103.563615°) STATE PLANE NAD 83 (N.M. EAST) STATE PLANE NAD 83 (N.M. EAST) N: 586206.48' E: 778201.44' STATE PLANE NAD 27 (N.M. EAST) N: 583660.05' E: 778215.84' STATE PLANE NAD 27 (N.M. EAST) LEGEND: NAD 83 (LAST TAKE POINT)
LATITUDE = 32°34′90.38" (32.580661°)
LONGITUDE = -103°33′50.98" (-103.564160
NAD 27 (LAST TAKE POINT)
LATITUDE = 32°344′9.9" (32.5805 37°)
LONGITUDE = -103°33′49.1" (-103.563669
STATE PLANE NAD 83 (N.M. EAST) NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 32°34'9.49" (32.580413°)
LONGITUDE = 103°33'5.0.98" (-103.564160°)
NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 32°34'9.04" (32.580290°)
LONGITUDE = 103°33'49.1" (-103.56369°)
STATE PLANE NAD 83 (N.M. EAST) SURFACE HOLE LOCATION.TAKE POINT. ▲ = SECTION CORNERS LOCATED = SECTION CORNER N: 575831.38' E: 778260.11'
STATE PLANE NAD 27 (N.M. EAST)
N: 575768.73' E: 737079.25' N: 575741.40' E: 778260.76' STATE PLANE NAD 27 (N.M. EAST) SCALE RE-ESTABLISHED. (Not DRAWN BY: Z.T. 03-23-23 = LEASE LINE. Released to Imaging: 7/14/2023 1:14:10 PM

Page 147 of 484

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 | 3 Pool Name | 3 Pool Name | 3 Pool Name | 3 Pool Name | 4 Property Code | 5 Property Name | 5 Property Name | 126H | 126H | 1372165 | 14 PREMIAN RESOURCES OPERATING, LLC | 15 PREMIAN RESOURCES OPERATING, LLC | 16 PREMIAN RESOURCES OPERATING, LLC | 16 PREMIAN RESOURCES OPERATING, LLC | 17 PREMIAN RESOURCES OPERATING, LLC | 18 P

	2	4	20S	34E	Lot run	1115	NORTH	1593	EAST	LEA
"Bottom Hole Location If Different From Surface										
	UL or lot no.	Section 9	Township 20S	Range 34E	Lot Idn	Feet from the 10	North/South line SOUTH	Feet from the 1650	East/West line EAST	County LEA
	12 Dedicated Acr	es 13 J	oint or Infill	14 Cons	olidation Code	15 Order No.			9	-

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division 17 OPERATOR "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. S89'45'16"W S89°45'16"W T19S 2637.55' (Meas.) 2637.55' (Meas.) N 1/4 Cor. T20S 1650 LOT 1 40.09 Arces 1115 LOT 4 40.01 Acres LOT 3 40.04 Acres Weds., ,20°E (Meas., Re-Establish By Single Proportion Method N00'09'0 2657.13' ( N00°20', 2638.60' ( LOT 2 40.06 Acres NMLC 0065607 Signature SECTION LINE TABLE DIRECTION LINE LENGTH (Meds.) '38"E (Meas.) L1 S89°39'03"W 2642.25 L2 N89'59'36"W 2646.55 N00'09'4 2657.64' ( NO0°06'. E-mail Addres NMLC 0064194 18 SURVEYOR 2635. CERTIFICATION I hereby certify that the well location shows 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. WELL BORE LINE TABLE DIRECTION LINE LENGTH N89°52'28"W N89°50'48"W (Meas.) 2652.40' (Meas.) 2662.64' (Meas.) AZ = 356.65° L3 NO0°09'14"W 2641.21" (Meas. March 15, 2023 14 AZ = 179.922549.82 NO0'09'1 2637.20' ( Signature and Seal of Professional Surveyor AZ = 179.83° L5 90.00 7831.30° BUCK MEX, NMLC 0064194 NO0'10'10"W 2639.44" (Meas.) NOO'09'38"W 2641.91" (Meas., 03 - 23ONAL See Detail "A 1650 1650 N89°52'03"W 2654.74' (Meas.) NAD 27 (SURFACE HOLE LOCATION)

NAD 27 (SURFACE HOLE LOCATION) 00 NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°36'25.57" (32.606271°)
LONGITUDE = -103°33'40.64" (-103.561290°)
STATE PLANE NAD 83 (N.M. EAST) Distances referenced on plat to section lines are perpendicular. Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83) 1650 N: 585198.89' E: 778925.00' STATE PLANE NAD 27 (N.M. EAST) N: 585135.93' E: 737744.40' NAD 83 (LPP #1)

LATITUDE = 32°36'07.83" (32.602176")

LONGITUDE = -103°33'43.12" (-103.561977°)

NAD 27 (LPP #1)

LATITUDE = 32°36'07.39" (32.602053")

LONGITUDE = -103°33'41.35" (-103.561486°) NAD 83 (FIRST TAKE POINT) LATITUDE = 32°36'33.06" (32.609183°) LONGITUDE = -103°33'43.07" (-103.561964°) NAD 27 (FIRST TAKE POINT) Detail "A" No Scale LATITUDE = 32°36'32.62" (32.609060°) LONGITUDE = -103°33'41.30" (-103.561472°)
STATE PLANE NAD 83 (N.M. EAST) STATE PLANE NAD 83 (N.M. EAST) N: 583663.95' E: 778875.72'
STATE PLANE NAD 27 (N.M. EAST) N: 586213.29' E: 778861.30'
STATE PLANE NAD 27 (N.M. EAST) LEGEND: NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 32°34'49.47" (32.580408°)
LONGITUDE = 1.03°33'43.26" (-103.562018°)
NAD 27 (BUTTOM HOLE LOCATION)
LATITUDE = 32°34'49.02" (32.580284°)
LONGITUDE = 1.03°33'41.50" (-103.561527°)
STATE PLANE NAD 83 (N.M. EAST) NAD 83 (LAST TAKE POINT = SURFACE HOLE LOCATION.
TAKE POINT. LATITUDE = 32°34'50.36" (32.580655°) LONGITUDE = -103°33'43.26" (-103.562018°) LONGITUDE = -103-53-43.26° (-103.56. NAD 27 (LAST TAKE POINT) LATITUDE = 32°34'4 9.91" (22.5 805 32°) LONGITUDE = -103°33'41.50" (-103.56) STATE PLANE NAD 83 (N.M. EAST) ▲ = SECTION CORNERS LOCATED = SECTION CORNER N: 575744.11' E: 778920.64' STATE PLANE NAD 27 (N.M. EAST) SCALE N: 575854.10 E: 778919.39 STATE PLANE NAD 27 (N.M. EAST) N: 575771.44' E: 737739.12' RE-ESTABLISHED. (Not DRAWN BY: Z.T. 03-23-23 on Ground.) = LEASE LINE Released to Imaging: 7/14/2023 1:14:10 PM

Page 148 of 484

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) 476-3465 State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

☐ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT 1-API Number 30-025-PENDING 1-Pool Code 96637 1-Pool Name TEAS; BONE SPRING, EAST 4-Property Code BANE 4-9 FED COM 173H 6-Well Number 173H 7-OGRID No. 372165 1-PERMIAN RESOURCES OPERATING, LLC 9-ELEVATION 3646.6°

2	4	20S	34E	Lot Iun	1027	NORTH	1456	EAST	LEA
			11	Bottom H	ole Location I	f Different From	Surface		
UL or lot no.	Section 9	Township 20S	Range 34E	Lot Idn	Feet from the 10	North/South line SOUTH	Feet from the 1650	East/West line EAST	County LEA
12 Dedicated Acre	es 13	<sup>3</sup> Joint or Infill	14 Conso	olidation Code	15 Order No.				

10 Surface Location

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division. 17 OPERATOR "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 load 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. S89'45'16"W S89°45'16"W T19S 2637.55' (Meas.) 2637.55' (Meas.) FTP T205 N 1/4 Cor. 1 650 LOT 1 40.09 Arces 027 LOT 4 40.01 Acres ,20"E (Meas.) LOT 3 40.04 Acres Weds., Re-Establis By Single Proportion Method 1456 N00°20'. 538.60' ( N00°09' NMLC 0065607 Signature SECTION LINE TABLE DIRECTION LINE LENGTH 46"W (Meas.) Printed Name '38"E (Meas., S89\*39'03"W 2642.25 L1 L2 N89°59'36"W 2646.55 NOO'06'. 2635.85' ( N00'09'4 2657.64' ( E-mail Address NMLC 0064194 18 SURVEYOR CERTIFICATION

I hereby certify that the well location show 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. WELL BORE LINE TABLE LINE DIRECTION LENGTH N89°52'28"W N89°50'48"W 2652.40' (Meas.) (Meas.) AZ = 348.02° NO0°09'14"W 2641.21" (Meas., 2662.64' (Meas.) L3 946.30 March 15, 2023 L4  $AZ = 179.92^{\circ}$ 2549.82 Date of Survey Signature and Seal of Professional Surveyor: NOO'09'1 2637.20' ( L5 AZ = 179.83° 90.00 , S BUCA MEX NMLC 0064194 179. '10"W (Meds.) NO0°09'38"W 2641.91' (Meas.) 03-23 N0070'1 2639.44' ( ONAL See Detail 1650 1650 N89°52'03"W 2654.74' (Meas.) NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 232692.390" (22,066638°)
LONGITUDE = -103°33'40.81" (-103.561336°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 3236273.49" (32,66614°)
LONGITUDE = -103°33'39.04" (-103.560844°)
STATE PLANE NAD 83 (N.M. EAST)
N. 987982 09 E. 779061.55" 00 Distances referenced on plat to section lines are perpendicular. Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83) BHL N: 585288.59' E: 779061.55' STATE PLANE NAD 27 (N.M. EAST) NAD 83 (FIRST TAKE POINT)
LATITUDE = 32°36′33.06″ (32.609183°)
LONGITUDE = -103°33′43.07″ (-103.561964°)
NAD 27 (FIRST TAKE POINT) NAD 83 (LPP #I)

LATITUDE = 32°36'07.83" (32.602176°)

LONGITUDE = -103°33'43.12" (-103.561977°)

NAD 27 (LPP #I)

LATITUDE = 32°36'07.39" (32.602053°) Detail "A" No Scale LATITUDE = 32°36'32.62" (32.609060°) LONGITUDE = -103°33'41.30" (-103.561472°) STATE PLANE NAD 83 (N.M. EAST) LONGITUDE = -103°33'41.35" (-103.561486°) STATE PLANE NAD 83 (N.M. EAST) N: 583663.95' E: 778875.72' STATE PLANE NAD 27 (N.M. EAST) N: 586213.29' E: 778861.30' STATE PLANE NAD 27 (N.M. EAST) LEGEND: NAD 83 (LAST TAKE POINT)
LATITUDE = 32°34'50.36" (32.580655°)
LONGITUDE = 103°33'43.26" (-103.562018°
NAD 27 (LAST TAKE POINT)
LATITUDE = 32°34'50.37" (2.5 86 32")
LONGITUDE = 310°34'51, 00° (-103.561527°
STATE PLANE NAD 83 (N.M. EAST) NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 32°3449.47" (32.580408°)
LONGITUDE = 103°3343.26" (-10.5.562018°)
NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 32°3449.02" (32.580284°)
LONGITUDE = -103°3341.50" (-103.561527°)
STATE PLANE NAD 83 (N.M. EAST) SURFACE HOLE LOCATION.TAKE POINT. ▲ = SECTION CORNERS LOCATED = SECTION CORNER N: 575834.10' E: 778919.99'
STATE PLANE NAD 27 (N.M. EAST)
N: 575771.44' E: 737739.12' N: 575744.11' E: 778920.64' STATE PLANE NAD 27 (N.M. EAST) SCALE RE-ESTABLISHED. (Not DRAWN BY: Z.T. 03-23-23 on Ground.) = LEASE LINE Released to Imaging: 7/14/2023 1:14:10 PM

Page 149 of 484

<u>District I</u> 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 IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

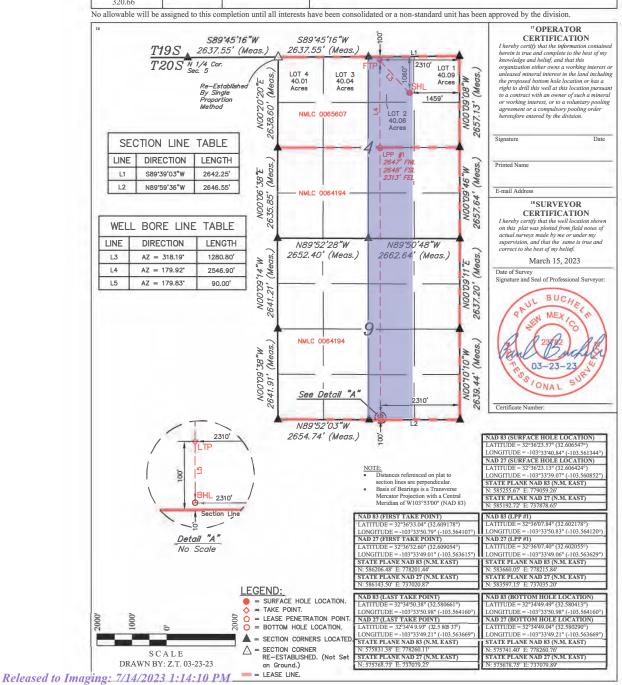
AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

	<sup>1</sup> API Number 30- 025-PENDING		2 Pool Code3 Pool Name96637TEAS; BONE SPRING, EAST				
4 Property Code		5 Pr BANE	<sup>6</sup> Well Number 133H				
<sup>7</sup> OGRID No. 372165		<sup>8</sup> O <sub>I</sub> PERMIAN RESOUI	9 Elevation 3646.4'				

#### 10 Surface Location Lot Idn Range 34E North/South li NORTH County LEA 20S 1060 1459 EAST

Bottom Hole Location If Different From Surface UL or lot no. Township 20S Lot Idn 12 Dedicated Ac 320.66 13 Joint or Infill 15 Order No



Page 150 of 484

<u>District I</u> 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 IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

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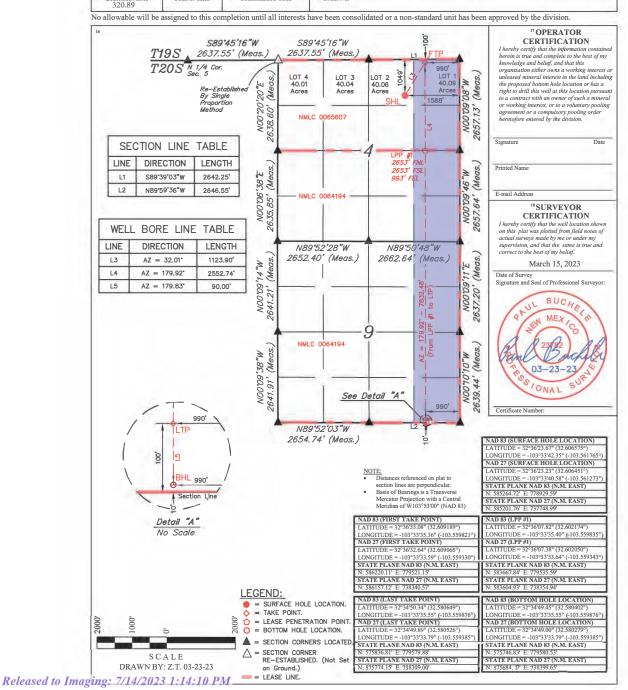
#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-PEND	<sup>2</sup> Pool Code 96637	AST	
4 Property Code		operty Name E 4-9 FED COM	<sup>6</sup> Well Number 114H
<sup>7</sup> OGRID No. 372165		perator Name RCES OPERATING, LLC	9 Elevation 3646.3'

#### Feet from the 1588 North/South li NORTH

UL or lot no. 2	Section 4	Township 20S	Range 34E	Lot Idn	Feet from the 1049	North/South line NORTH	Feet from the 1588	East/West line EAST	County LEA	
<sup>11</sup> Bottom Hole Location If Different From Surface										
UL or lot no.	Section 9	Township 20S	Range 34E	Lot Idn	Feet from the 10	North/South line SOUTH	Feet from the 990	East/West line EAST	County LEA	

10 Surface Location



Page 151 of 484

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

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Energy, Minerals & Natural Resources Department
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County LEA

EAST

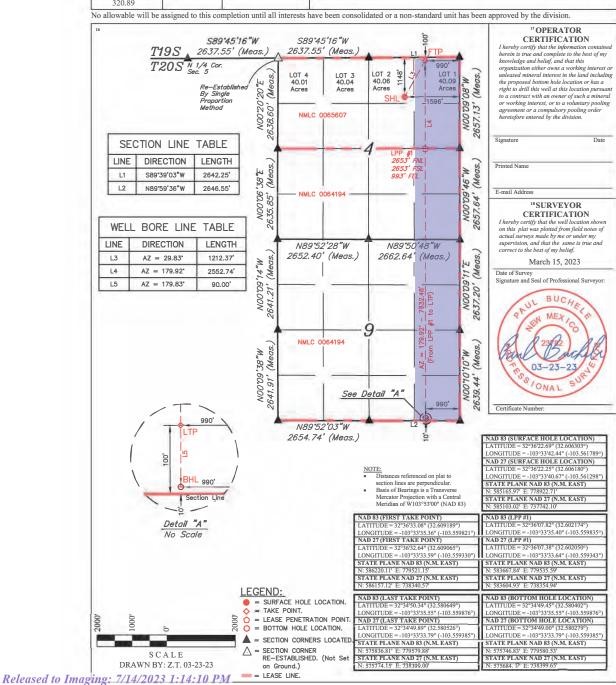
### WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Code Pool Name

<sup>1</sup> API Number 30-025-PENDING		<sup>2</sup> Pool Code 96637	EAST	
<sup>4</sup> Property Code			operty Name E 4-9 FED COM	<sup>6</sup> Well Number 127H
<sup>7</sup> OGRID No. 372165			perator Name RCES OPERATING, LLC	9 Elevation 3646.0'

10 Surface Location

Township Range 208 34E Lot Idn Feet from the 1148 North/South line Feet from th 108 NORTH 1596

_	_			DO STORES	ore moreumon r		Duringe		
UL or lot no. P	Section 9	n Township 20S	Range 34E	Lot Idn	Feet from the 10	North/South line SOUTH	Feet from the 990	East/West line EAST	County LEA
12 Dedicated Acre 320 89	es 1	13 Joint or Infill	14 Conse	olidation Code	15 Order No.			-	



Page 152 of 484

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 <u>District II</u> 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410

<u>District IV</u> 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

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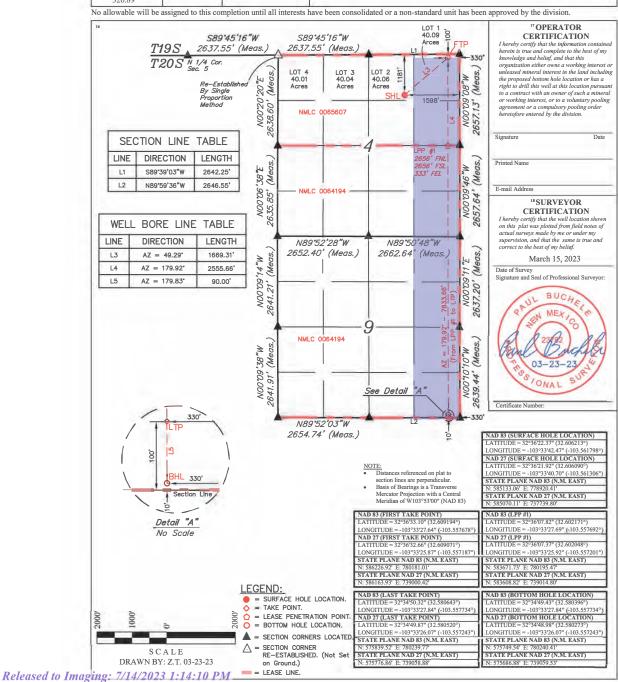
County LEA

### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Numbe 30-025-PEND	<sup>2</sup> Pool Code 96637	<sup>3</sup> Pool Name TEAS; BONE SPRING, EAST		
<sup>4</sup> Property Code		roperty Name 6 Well Numbe E 4-9 FED COM 128H		
<sup>7</sup> OGRID No. 372165		perator Name RCES OPERATING, LLC	9 Elevation 3645.4'	

 "Surface Location

 ownship
 Range
 Lot Idn
 Feet from the 1181
 North/South line NoRTH
 Feet from the 1598
 East/West I EAST



Page 153 of 484

| District 1 |
1625 N. French Dr., Hobbs, NM 88240 |
Phone: (375) 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) 476-3465 |

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#### WELL LOCATION AND ACREAGE DEDICATION PLAT 1-API Number 30-025-PENDING 3-Pool Code 96637 1-Pool Name TEAS; BONE SPRING, EAST 4-Property Code 8-Property Name BANE 4-9 FED COM 6-Well Number 174H 7-OGRID No. 372165 4-Operator Name 4-Operator Name PERMIAN RESOURCES OPERATING, LLC 9-Elevation 3645.99

2	4	20S	34E	Lot Iuii	1191	NORTH	1469	EAST	LEA
			11	Bottom H	ole Location I	f Different From	Surface		
UL or lot no.	Section 9	Township 20S	Range 34E	Lot Idn	Feet from the 10	North/South line SOUTH	Feet from the 330	East/West line EAST	County LEA
12 Dedicated Acre	s 13 Je	oint or Infill	14 Conso	lidation Code	15 Order No.				-

10 Surface Location

320.89 No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division. 17 OPERATOR LOT 1 40.09 Arces "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 load 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. S89'45'16"W S89°45'16"W T19S 2637.55' (Meas.) 2637.55' (Meas.) T205 N 1/4 Cor. '08"W (Meas.) LOT 2 40.06 Acres LOT 4 40.01 Acres ,20"E (Meas.) LOT 3 40.04 Acres Re-Establis By Single Proportion Method 1469 NO0'09'0 2657.13' N00°20' NMLC 0065607 Signature SECTION LINE TABLE LPP #1 T 2656' FNL 2656' FSL 333' FEL DIRECTION LINE LENGTH (Meas.) Printed Name '38"E (Meas., S89\*39'03"W 2642.25 L1 L2 N89°59'36"W 2646.55 NOO'06'. 2635.85' ( E-mail Address NMLC 0064194 60.00N 2657.64 18 SURVEYOR CERTIFICATION

I hereby certify that the well location show 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. WELL BORE LINE TABLE LINE DIRECTION LENGTH N89°50'48"W N89°52'28"W 2652.40' (Meas.) "11"E (Meas.) 2662.64' (Meas. AZ = 45.96° NO0°09'14"W 2641.21' (Meas., L3 1579.96 March 15, 2023 L4  $AZ = 179.92^{\circ}$ 2555.66 NO0'09'1 2637.20' ( Signature and Seal of Professional Surveyor L5 AZ = 179.83° 90.00 BUCK MEX NMLC 0064194 '10"W (Meas.) NO0°09'38"W 2641.91' (Meas.) 03 - 23NOO'10'1 ONAL See Detail Certificate Number N89°52'03"W 2654.74' (Meas.) NAD 83 (SURFACE HOLE LOCATION) NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 2324622.27" (22.606186°)
LONGITUDE = -103°33'40.96" (-103.561377°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 323'261(1.87" (36.60662°)
LONGITUDE = -103'33'39.19" (-103.560885°)
STATE PLANE NAD 83 (N.M. EAST)
N. \$8512A (11.6.77905A) 07". TE:
Distances referenced on plat to
section lines are perpendicular.
Basis of Bearings is a Transverse
Mercator Projection with a Central
Meridian of W103°53'00" (NAD 83) BH L<sub>330</sub>' N: 585124.01' E: 779050.07' STATE PLANE NAD 27 (N.M. EAST) NAD 83 (FIRST TAKE POINT)

LATITUDE = 32°36′33.10″ (32.669194°)

LONGITUDE = -103°53′27.64″ (-103.557678°)

NAD 27 (FIRST TAKE POINT)

LATITUDE = 32°36′32.66″ (32.669071°) NAD 83 (LPP #I) LATITUDE = 32°36'07.82" (32.602171°) LONGITUDE = -103°33'27.69" (-103.537692°) NAD 27 (LPP #I) LATITUDE = 32°36'07.37" (32.602048°) Detail "A" No Scale ONGITUDE = -103°33'25.87" (-103.557187° LONGITUDE = -103°33'25.92" (-103.557201°) STATE PLANE NAD 83 (N.M. EAST) STATE PLANE NAD 83 (N.M. EAST) N: 583671.73' E: 780195.47' STATE PLANE NAD 27 (N.M. EAST) N: 586226.92' E: 780181.01'
STATE PLANE NAD 27 (N.M. EAST) LEGEND: NAD 83 (LAST TAKE POINT)
LATITUDE = 32°34′50.32° (32.580643°)
LONGITUDE = 103°33′27.84° (-103.57774°
NAD 27 (LAST TAKE POINT)
LATITUDE = 32°34′9.87° (32.580520°)
LONGITUDE = 103°33′26.07° (-103.557243°
STATE PLANE NAD 83 (N.M. EAST) NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 32°34'49.43" (32.580396')
LONGITUDE = 103°33'27.84" (103.55734')
NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 32°34'48,98" (22.580273')
LONGITUDE = -103°33'26'07' (103.557245')
STATE PLANE NAD 83 (N.M. EAST) = SURFACE HOLE LOCATION.
= TAKE POINT. = LEASE PENETRATION POINT. = BOTTOM HOLE LOCATION. ▲ = SECTION CORNERS LOCATED = SECTION CORNER N: 575839.52' E: 780239.77'
STATE PLANE NAD 27 (N.M. EAST)
N: 575776.86' E: 739058.88' N: 575749.54' E: 780240.41'
STATE PLANE NAD 27 (N.M. EAST SCALE RE-ESTABLISHED. (Not DRAWN BY: Z.T. 03-23-23 on Ground.) = LEASE LINE

Released to Imaging: 7/14/2023 1:14:10 PM

Page 154 of 484

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

Form C-102
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☐ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT 1 API Number 30-025-PENDING 3 Pool Code 96637 3 Pool Name TEAS; BONE SPRING, EAST 4 Property Code 5 Property Name BANE 4-9 FED COM 134H 6 Well Number 134H 7 OGRID No. 372165 1 Operator Name PERMIAN RESOURCES OPERATING, LLC 3645.4'

2	4	20S	34E		1126	NORTH	1464	EAST	LEA
			11	Bottom H	ole Location I	f Different From	Surface		
UL or lot no.	Section 9	n Township 20S	Range 34E	Lot Idn	Feet from the 10	North/South line SOUTH	Feet from the 990	East/West line EAST	County LEA
12 Dedicated Acr	es	13 Joint or Infill	14 Cons	olidation Code	15 Order No.				

10 Surface Location

320.89 No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division. 17 OPERATOR "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 load 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. S89°45'16"W S89°45'16"W T19S 2637.55' (Meas.) 2637.55' (Meas.) T20S N 1/4 Cor. LOT 2 40.06 Acres LOT 4 40.01 Acres ,20"E (Meas., LOT 3 40.04 Acres ,'08"W (Meas., Re-Establis By Single Proportion NOO'09'0 2657.13' ( N00'20' NMLC 0065607 Signature SECTION LINE TABLE LPP # DIRECTION LINE LENGTH FNL '38"E (Meas.) 46"W (Meas.) Printed Name 2653' 993' l S89\*39'03"W 2642.25 L1 L2 N89°59'36"W 2646.55 N00°06°, 2635.85° ( E-mail Address NMLC 0064194 ,60,00N 2657.64 18 SURVEYOR CERTIFICATION

I hereby certify that the well location show 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. WELL BORE LINE TABLE LINE DIRECTION LENGTH N89°52'28"W N89°50'48"W 2652.40' (Meas.) (Meas.) NO0°09'14"W 2641.21' (Meas., 2662.64' (Meas.) L3  $AZ = 24.60^{\circ}$ March 15, 2023 L4  $AZ = 179.92^{\circ}$ 2552.74 Date of Survey Signature and Seal of Professional Surveyor: NO0'09'1 2637.20' ( AZ = 179.83° L5 90.00 7832.48 to LTP) BUCA MEX 179.92° NMLC 0064194 NO0'10'10"W 639.44' (Meas.) NO0'09'38"W 2641.91" (Meas. 03-23 ONAL 2639. See Detail "A 990' N89°52'03"W 2654.74' (Meas.) NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 2329622.92" (25,066366°)
LONGITUDE = -103°33'40.90" (-103.561360°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 323'36'22.48" (32.666243°)
LONGITUDE = -103°33'39.13" (-103.560869°)
STATE PLANE NAD 83 (N.M. EAST)
N: \$818.98 W.B. 779054, 67" 5 00 Distances referenced on plat to section lines are perpendicular. Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83) BHL 990' N: 585189.84' E: 779054.67'
STATE PLANE NAD 27 (N.M. EAST) NAD 83 (FIRST TAKE POINT)

LATITUDE = 32°36′33.08″ (32.609189°)

LONGITUDE = -103°33′35.36″ (-103.559821°)

NAD 27 (FIRST TAKE POINT)

LATITUDE = 32°36′32.64″ (32.609065°) NAD 83 (LPP #1) LATITUDE = 32°36′07.82" (32.602174°) LONGITUDE = -103°33′35.40" (-103.559835°) NAD 27 (LPP #1) LATITUDE = 32°36′07.38" (32.602050°) Detail "A' No Scale ONGITUDE = -103°33'33.59" (-103.559330° LONGITUDE = -103°33'33.64" (-103.559343°) STATE PLANE NAD 83 (N.M. EAST) STATE PLANE NAD 83 (N.M. EAST) N: 586220.11' E: 779521.15'
STATE PLANE NAD 27 (N.M. EAST) N: 583667.84' E: 779535.59'
STATE PLANE NAD 27 (N.M. EAST) LEGEND: NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 32°34'94',45" (3.2.580402°)
LONGITUDE = -103°33'35.55" (-10.559876°
NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 32°34'94,00" (3.2.580279°)
LONGITUDE = -103°33'37,9" (-103.59385°)
STATE PLANE NAD 83 (N.M. EAST) NAD 83 (LAST TAKE POINT)
LATITUDE = 32°34′50.34″ (32.580649°)
LONGITUDE = -103°33′35.55″ (-103.559876′ SURFACE HOLE LOCATION.TAKE POINT. LONGITUDE = -103-35'35.55' (-103.55'
NAD 27 (LAST TAKE POINT)
LATITUDE = 32°34'49.89" (32.580526')
LONGITUDE = -103°33'33.79" (-103.55'
STATE PLANE NAD 83 (N.M. EAST) ▲ = SECTION CORNERS LOCATED = SECTION CORNER N: 575836.81' E: 779579.88'
STATE PLANE NAD 27 (N.M. EAST)
N: 575774.15' E: 738399.00' N: 575746.83' E: 779580.53'
STATE PLANE NAD 27 (N.M. EAST) SCALE RE-ESTABLISHED. (Not DRAWN BY: Z.T. 03-23-23 on Ground.) = LEASE LINE Released to Imaging: 7/14/2023 1:14:10 PM

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<u>District I</u> 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 IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Numb 30-025-PEN	<sup>2</sup> Pool Code 59500	<sup>3</sup> Pool Name TONTO; WOLFCAMP		
<sup>4</sup> Property Code		roperty Name 6 Well Number E 4-9 FED COM 201H		
<sup>7</sup> OGRID No. 372165		perator Name URCES OPERATING, LLC	9 Elevation 3646.2'	

10 Surface Location Range 34E County LEA NORTH 20S WEST 498 1136 11 Bottom Hole Location If Different From Surface

UL or lot no. M Township 20S Lot Idn or Infill 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. Re-Established by Single Proportion Method 17 OPERATOR "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 lond 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. 100 S89°39'03"W N 1/4 Cor. T19 S 2637.55' (Meas 2642.25' (Meas.) T20S LOT 3 HL 40.44 Acres LOT 2 40.66 Acres LOT 1 40.89 1136 (Meas.) NAD 83 (SURFACE HOLE LOCATION) 40.21 Acres ATITUDE = 32°36'29.07" (32.608076°) NOO 20'20"E 2638.60" (Meas NAD 27 (SURFACE HOLE LOCATION) N00'09'0 NAD 27 (SURFACE HOLE LOCATION)

LATITUDE = 32°36'28.63" (32.607952°)

LONGITUDE = -103°34'10.50" (-103.569584

STATE PLANE NAD 83 (N.M. EAST) Signature N: 585792.29' E: 776366.26' STATE PLANE NAD 27 (N.M. EAST) NAD 83 (FIRST TAKE POINT)
LATITUDE = 32°36'33.01" (32.609169°)
LONGITUDE = -103°34'13.94" (-103.570538°
NAD 27 (FIRST TAKE POINT)
LATITUDE = 32°36'23.56" (32.609046°)
LONGITUDE = -103°34'12.16" (-103.570046° , (Meas.) 2640' FSL 1004' FWL NOO'06'38"E 2635.85' (Meas E-mail Address NMLC-006419 NO0'09' STATE PLANE NAD 83 (N.M. EAST) N: 586189.01' E: 776221.26' STATE PLANE NAD 27 (N.M. EAST) NAD 83 (LEASE PENETRATION POINT) LATITUDE = 32°36'07.87" (32.602186°) LONGITUDE = -103°34'14.04" (-103.570567°) N89°50'48"W 2662.64' (Meas.) TI"E (Meas.) LATITUDE = -103-34-12.27" (-103.57036)\*
LATITUDE = 32°36′07.42" (32.602062°)
LONGITUDE = -103°34′12.27" (-103.570075° NOOTS' STATE PLANE NAD 83 (N.M. EAST) N: 583648.34' E: 776230.57' STATE PLANE NAD 27 (N.M. EAST) N: 583585.46' E: 735049.95 NAD 83 (LAST TAKE POINT)
LATITUDE = 32°34'50.48" (32.580688°)
LONGITUDE = -103°34'14.36" (-103.570656°
NAD 27 (LAST TAKE POINT)
LATITUDE = 32°34'50.03" (32.580564°)
LONGITUDE = -103°34'12.59" (-103.570165°
LONGITUDE = -103°34'12.59" (-103.570165° (Meas.) NO0'09'38"W 2641.91" (Meas. LONGITUDE = -103\*34\*12.59\* (-103.570 STATE PLANE NAD 83 (N.M. EAST) N: 575826.81' E: 776259.21' STATE PLANE NAD 27 (N.M. EAST) N0010'1 2639.44' NAD 83 (BOTTOM HOLE LOCATION) ATITUDE = 32°34'49.58" (32.580440°) ONGITUDE = -103°34'14.36" (-103.570 N89°59'36"W 2646.55' (Med LONGITUDE =-103°34'14.36" (-103.57065
NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 32°34'49.14" (32.580317°)
LONGITUDE =-103°34'12.59" (-103.57016
STATE PLANE NAD 83 (N.M. EAST) See Detail "A", 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. N: 575736.83' E: 776259.84'
STATE PLANE NAD 27 (N.M. EAST) SECTION LINE TABLE 990 DIRECTION LENGTH LINE S89°45'16"W 2637.55 L1 L5 N89°52'03"W 2654.74 March 16, 2023 LEGEND: 100 Date of Survey Signature and Seal of Professional Surveyor: PROPOSED WELLHEAD. WELL BORE LINE TABLE ♦ = TAKE POINT. BUCHE LINE DIRECTION LENGTH L2  $AZ = 340.17^{\circ}$ 422.47 O = TARGET BOTTOM HOLE. MEX Detail "A = SECTION CORNERS LOCATED. L3 AZ = 180.03° 2541.12 No Scale △ = SECTION CORNER RE-ESTABLISHED.
(Not Set on Ground.)
= LEASE LINE. L4  $AZ = 179.84^{\circ}$ 90.00' -23 2000 TE:
Distances referenced on plat to
section lines are perpendicular.
Basis of Bearings is a Transverse
Mercator Projection with a Central
Meridian of W103°53'00" (NAD 83) ONAL

123

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SCALE

Page 156 of 484

<u>District I</u> 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

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

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

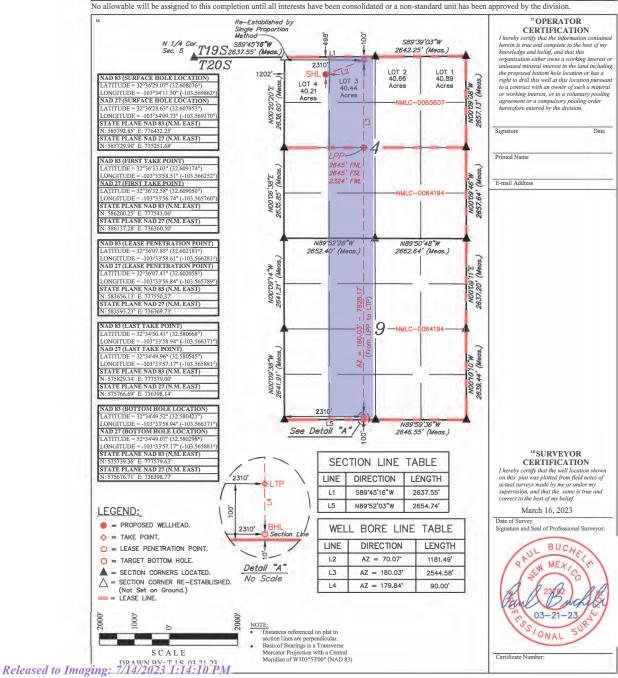
☐ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Numbe 30-025-PENI	<sup>2</sup> Pool Code 59500	IP .				
<sup>4</sup> Property Code	<sup>5</sup> Property Name BANE 4-9 FED COM					
<sup>7</sup> OGRID No. 372165	8 O <sub>I</sub> PERMIAN RESOU	9 Elevation 3646.3'				

10 Surface Location County LEA Range 34E NORTH 20S 498 1202 WEST 11 Bottom Hole Location If Different From Surface

UL or lot no. N Township 20S Lot Idn rth/South I SOUTH or Infill 15 Order N



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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) 476-3465 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
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District Office

☐ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT 1-API Number 30-025-PENDING 3 Pool Code 59500 1 Pool Name TONTO; WOLFCAMP 4 Property Code 8 Property Name BANE 4-9 FED COM 6 Well Number 203H 7 OGRID No. 372165 9 Operator Name PERMIAN RESOURCES OPERATING, LLC 9 Elevation 3646.3'

2	4	20S	34E	Lot Iun	1093	NORTH	1461	EAST	LEA
			11	Bottom H	ole Location I	f Different From	Surface		
UL or lot no.	Section 9	Township 20S	Range 34E	Lot Idn	Feet from the 10	North/South line SOUTH	Feet from the 1650	East/West line EAST	County LEA
12 Dedicated Acre	es 1	<sup>13</sup> Joint or Infill	14 Conse	olidation Code	15 Order No.				

10 Surface Location

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division. 17 OPERATOR "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 load 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. S89'45'16"W S89°45'16"W T19S 2637.55' (Meas.) 2637.55' (Meas.) T205 N 1/4 Cor. 1650 LOT 1 40.09 Arces NO0'09'08"W 2657.13' (Meas.) NO0"20"20"E 538.60" (Meas.) LOT 4 40.01 Acres LOT 3 40.04 Acres Re-Establis By Single Proportion Method 1461 NMLC 0065607 Signature SECTION LINE TABLE DIRECTION LENGTH LINE 46"W (Meas.) Printed Name '38"E (Meas., S89\*39'03"W 2642.25 L1 L2 N89°59'36"W 2646.55 NOO'06'. 2635.85' ( N00'09'4 2657.64' ( E-mail Address NMLC 0064194 18 SURVEYOR CERTIFICATION

I hereby certify that the well location show 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. WELL BORE LINE TABLE LINE DIRECTION LENGTH N89°52'28"W N89°50'48"W 2652.40' (Meas.) (Meas.) AZ = 349.07° NO0°09'14"W 2641.21" (Meas., 2662.64' (Meas.) March 15, 2023 L4 AZ = 179.92° 2549.82 Date of Survey Signature and Seal of Professional Surveyor NO0'09'1 2637.20' ( AZ = 179.83° L5 90.00 7831.30<sup>°</sup> to LTP) BUCA MEX NMLC 0064194 '10"W (Meds.) NO0'09'38"W 2641.91' (Meas.) 03-23 N0070'1 2639.44' ( ONAL See Detail 1 650' 1650 N89°52'03"W 2654.74' (Meas.) NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 232467.248" (25.064579)
LONGITUDE = -103°33'40.87" (-103.561552°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 323672.80" (32.66334°)
LONGITUDE = -103°33'39.10" (-103.560860°)
STATE PLANE NAD 83 (N.M. EAST)
N. 583'273 (26. 77005.6860°) 100 Distances referenced on plat to section lines are perpendicular. Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83) N: 585222.76' E: 779056.96' STATE PLANE NAD 27 (N.M. EAST) NAD 83 (LPP #I) LATITUDE = 32°36'07.83" (32.602176°) LONGITUDE = -103°33'43.12" (-103.561977°) NAD 27 (LPP #I) LATITUDE = 32°36'07.39" (32.602053°) Detail "A" No Scale ONGITUDE = -103°33'41.30" (-103.561472° LONGITUDE = -103°33'41.35" (-103.561486°) STATE PLANE NAD 83 (N.M. EAST) STATE PLANE NAD 83 (N.M. EAST) N: 583663.95' E: 778875.72' STATE PLANE NAD 27 (N.M. EAST) N: 586213.29' E: 778861.30'
STATE PLANE NAD 27 (N.M. EAST) LEGEND: NAD 83 (LAST TAKE POINT)
LATITUDE = 32°34°0.36" (32.580655°)
LONGITUDE = 103°3343.26" (103.562018°
NAD 27 (LAST TAKE POINT)
LATITUDE = 32°344°9.9" (22.580 52°)
LONGITUDE = 340°349.9" (32.580 52°)
STATE PLANE NAD 83 (N.M. EAST) NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 32°3449.47" (32.580408°)
LONGITUDE = 103°3343.26" (10.562018°)
NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 32°3449.02" (32.580284°)
LONGITUDE = -103°3341.50" (10.561527°)
STATE PLANE NAD 83 (N.M. EAST) SURFACE HOLE LOCATION.TAKE POINT. ▲ = SECTION CORNERS LOCATED = SECTION CORNER N: 575834.10' E: 778919.99'
STATE PLANE NAD 27 (N.M. EAST)
N: 575771.44' E: 737739.12' N: 575744.11' E: 778920.64' STATE PLANE NAD 27 (N.M. EAST) SCALE RE-ESTABLISHED. (Not DRAWN BY: Z.T. 03-23-23 on Ground.) = LEASE LINE Released to Imaging: 7/14/2023 1:14:10 PM

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District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 <u>District II</u> 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410

Phone: (5/5) /48-1283 Fax: (5/5) /48-9720 District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462 State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

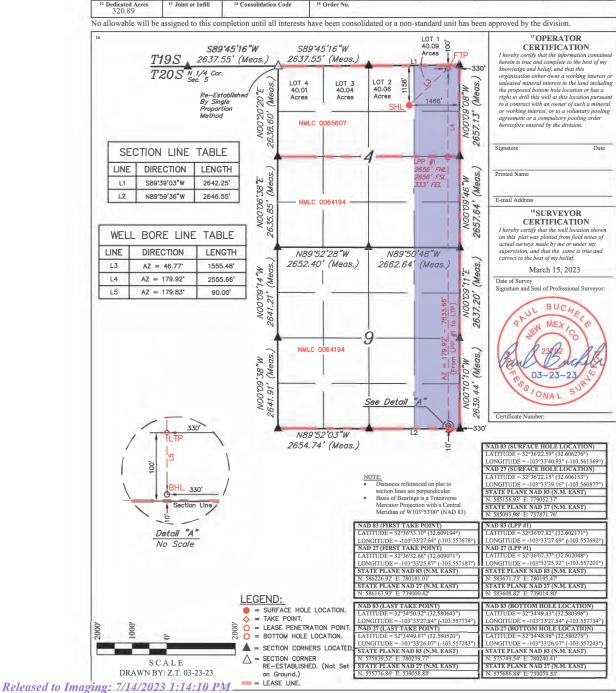
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-PENDING		<sup>2</sup> Pool Code 59500					
4 Property Code		5 Pr BANE	6 Well Number 204H				
<sup>7</sup> OGRID No. 372165			perator Name RCES OPERATING, LLC	9 Elevation 3645.8'			

					10 Surface	Location			
UL or lot no.	Section 4	Township 20S	Range 34E	Lot Idn	Feet from the 1158	North/South line NORTH	Feet from the 1466	East/West line EAST	County LEA



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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) 476-3465

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

Form C-102
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AMENDED REPORT

County

WEST

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-PEND	<sup>2</sup> Pool Code 96637	TEAS; BONE SPRING, EA			
<sup>4</sup> Property Code		operty Name 2.5-8 FED COM	<sup>6</sup> Well Number 111H		
<sup>7</sup> OGRID No. 372165		perator Name URCES OPERATING, LLC	9 Elevation 3633.7'		

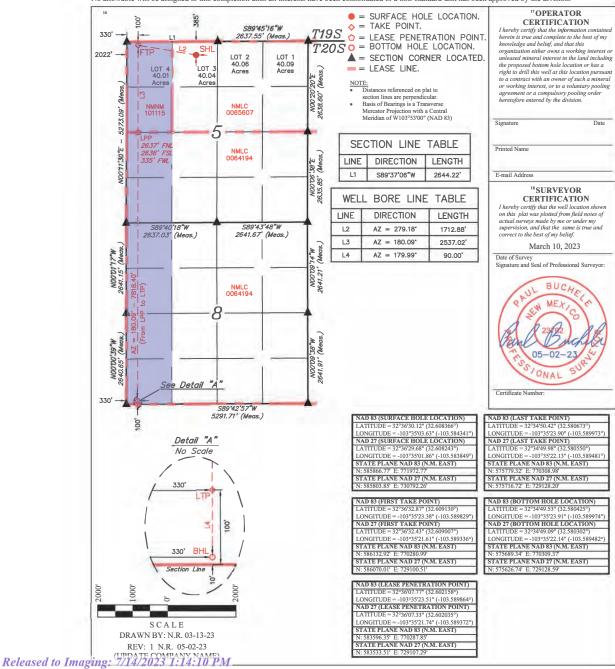
### Lot Idn Feet from the 385 North/South line NORTH Feet from 2022

				11	Bottom H	ole	Location I	f Different From	Surface		
UL or lot no.	Sect 8	tion 8	Township 20S	Range 34E	Lot Idn	F	Feet from the 10	North/South line SOUTH	Feet from the 330	East/West line WEST	County LEA
12 Dedicated Acr	es	13 J	oint or Infill	<sup>14</sup> Conse	olidation Code		15 Order No.				7

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.

Range 34E

20S



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#### Received by OCD: 7/14/2023 12:17:21 PM

Form C-102 Revised August 1, 2011

Submit one copy to appropriate District Office

AMENDED REPORT

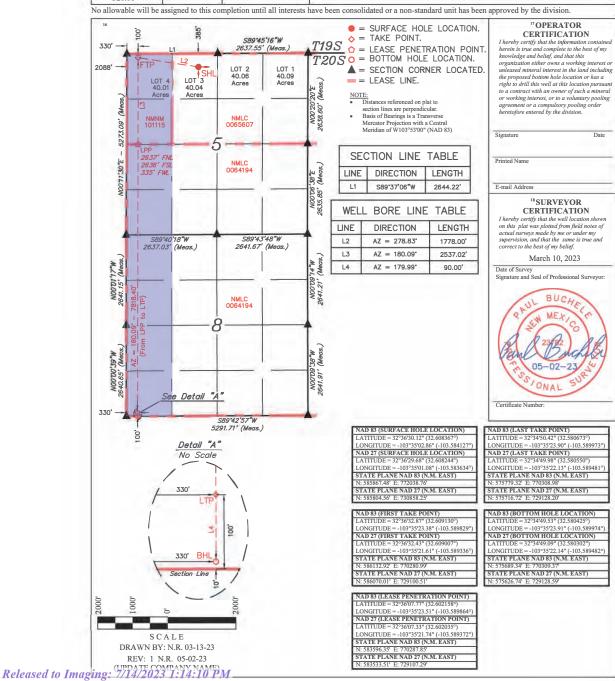
<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

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

WELL LOCATION AND ACREAGE DEDICATION PLAT <sup>1</sup> API Number 30-025-PENDING TEAS; BONE SPRING, EAST 4 Property Code <sup>5</sup> Property Name JOKER 5-8 FED COM Well Number 121H OGRID No. 372165 Elevation 3634.2 8 Operator Name
PERMIAN RESOURCES OPERATING, LLC 10 Surface Location Feet from the 385 County Township 20S Range 34E North/South li NORTH WEST

				11	Bottom H	ole Location I	f Different From	Surface		
UL or lot no. M	Sect 8	ion	Township 20S	Range 34E	Lot Idn	Feet from the 10	North/South line SOUTH	Feet from the 330	East/West line WEST	County LEA
12 Dedicated Acr 320.01	es	13 Jo	oint or Infill	14 Conso	olidation Code	15 Order No.				

2088



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Form C-102

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) 476-3465

20S

# 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
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AMENDED REPORT

County

WEST

### WELL LOCATION AND ACREAGE DEDICATION PLAT

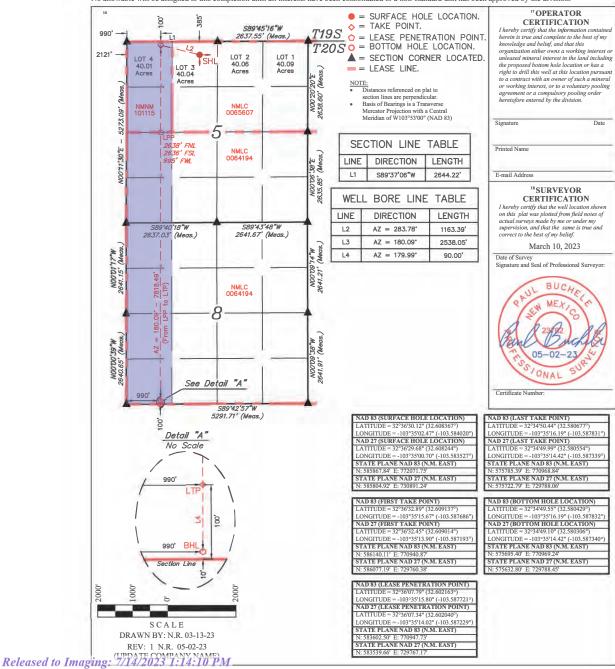
<sup>1</sup> API Numb 30-025-PEN	<sup>2</sup> Pool Code 96637	TEAS; BONE SPRING, E.	AST
<sup>4</sup> Property Code		roperty Name R 5-8 FED COM	<sup>6</sup> Well Number 122H
<sup>7</sup> OGRID No. 372165		perator Name URCES OPERATING, LLC	<sup>9</sup> Elevation 3633.9'

10 Surface Location

### Range 34E Lot Idn Feet from the North/South line Feet from 34E NORTH 2121

			_								
11	UL or lot no.	Section	on	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	M	8		20S	34E		10	SOUTH	990	WEST	LEA
	12 Dedicated Acre	es	13 Jo	int or Infill	14 Conse	olidation 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.



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# 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

County

WEST

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Numbe 30-025-PENI	<sup>2</sup> Pool Code 96637	TEAS; BONE SPRING, E.	AST
<sup>4</sup> Property Code		roperty Name R 5-8 FED COM	<sup>6</sup> Well Number 171H
<sup>7</sup> OGRID No. 372165		perator Name URCES OPERATING, LLC	9 Elevation 3639.6'

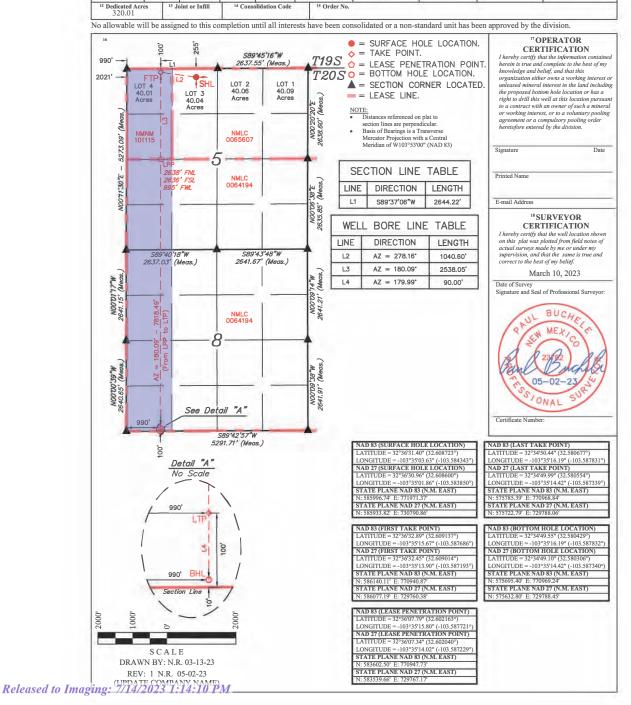
 "Surface Location

 Lot Idn
 Feet from the 255
 North/South line NORTH
 Feet from Location

Range 34E

20S

			11	Bottom H	ole Location I	f 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
M	8	20S	34E		10	SOUTH	990	WEST	LEA



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#### Received by OCD: 7/14/2023 12:17:21 PM

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

AMENDED REPORT

<u>District I</u> 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 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

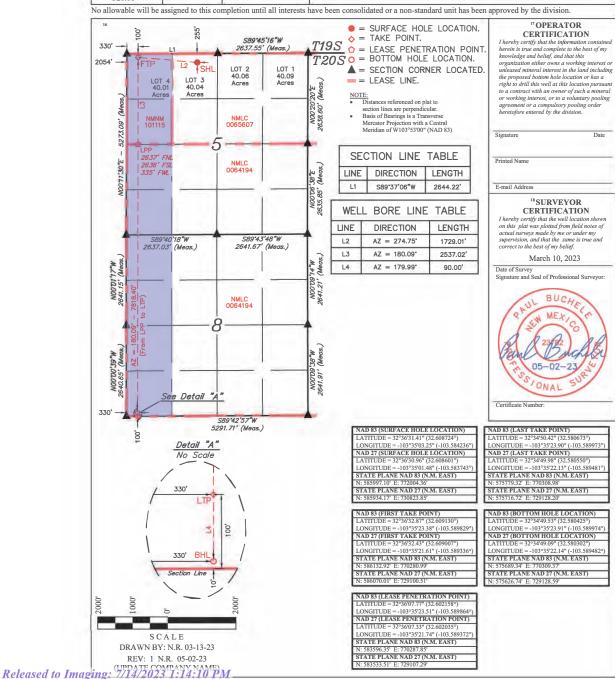
13 Joint or Infill

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

WELL LOCATION AND ACREAGE DEDICATION PLAT <sup>1</sup> API Number 30-025-PENDING TEAS; BONE SPRING, EAST 4 Property Code <sup>5</sup> Property Name JOKER 5-8 FED COM Well Number 131H OGRID No. 372165 Elevation 3637.7 8 Operator Name
PERMIAN RESOURCES OPERATING, LLC 10 Surface Location

Feet from the 255 County Range 34E North/South li NORTH 20S WEST 2054 <sup>11</sup> Bottom Hole Location If Different From Surface UL or lot no. Township 20S Range 34E Lot Idn Feet from the North/South li SOUTH East/West line WEST

15 Order No 12 Dedicated 320.01



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Form C-102

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 IIV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3465

20S

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

Form C-102
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County LEA

WEST

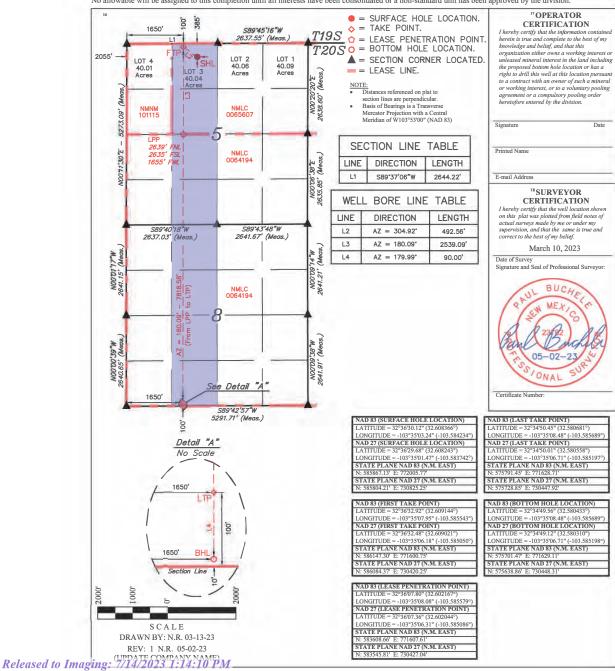
#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-PEND	<sup>2</sup> Pool Code 96637	TEAS; BONE SPRING, E.	AST
<sup>4</sup> Property Code		operty Name 2.5-8 FED COM	<sup>6</sup> Well Number 112H
<sup>7</sup> OGRID No. 372165		perator Name URCES OPERATING, LLC	9 Elevation 3634.1'

### "Surface Location Range Lot Idn Feet from the 34E North/South line NORTH Feet from 2055

			11	Bottom H	ole Location	If Different From	Surface		
UL or lot no.	Section 8	on Township 20S	Range 34E	Lot Idn	Feet from the 10	North/South line SOUTH	Feet from the 1650	East/West line WEST	County LEA
12 Dedicated Acr	es	13 Joint or Infill	<sup>14</sup> Cons	olidation 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.



Page 165 of 484

<u>District I</u> 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 <u>District IV</u> 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

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County LEA

WEST

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Numbe 30-025-PENI	<sup>2</sup> Pool Code 96637	TEAS; BONE SPRING, E.	AST
<sup>4</sup> Property Code		roperty Name R 5-8 FED COM	<sup>6</sup> Well Number 123H
<sup>7</sup> OGRID No. 372165		perator Name URCES OPERATING, LLC	9 Elevation 3634.8'

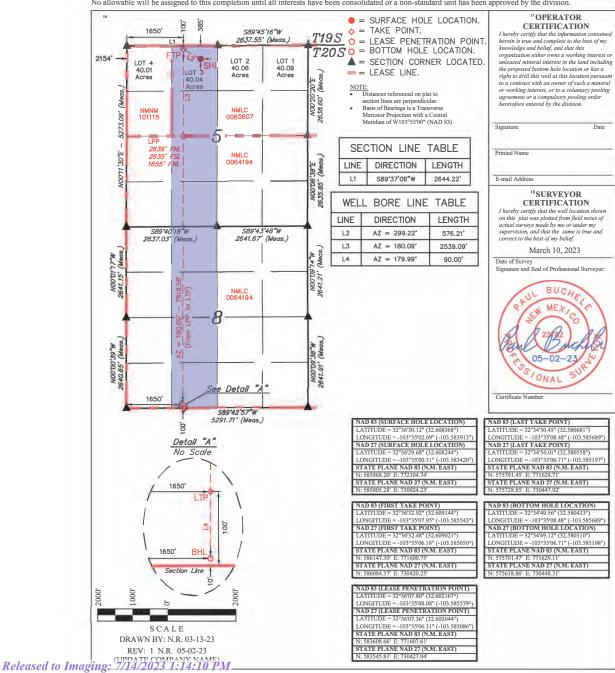
10 Surface Location North/South li NORTH 2154

			11	Bottom H	ole Location I	f Different From	Surface		
UL or lot no.	Section 8	Township 20S	Range 34E	Lot Idn	Feet from the 10	North/South line SOUTH	Feet from the 1650	East/West line WEST	County LEA
12 Dedicated Acr	es 13	Joint or Infill	14 Conse	olidation 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.

Range 34E

20S



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Form C-102

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) 476-3465

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

Form C-102
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AMENDED REPORT

County

WEST

2187

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-PEND	<sup>2</sup> Pool Code 96637	TEAS; BONE SPRING, EA	AST
<sup>4</sup> Property Code		operty Name 2.5-8 FED COM	<sup>6</sup> Well Number 124H
<sup>7</sup> OGRID No. 372165		perator Name URCES OPERATING, LLC	9 Elevation 3635.6'

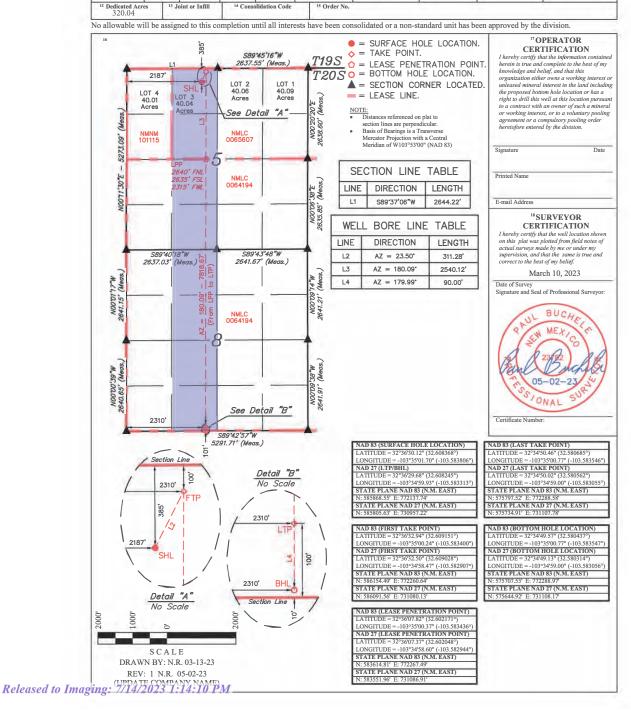
10 Surface Location

Range 34E

20S

### Feet from the North/South line Feet 385 NORTH

			11	Bottom H	ole Location I	f 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
N	8	20S	34E		10	SOUTH	2310	WEST	LEA



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AMENDED REPORT

<u>District I</u> 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 <u>District IV</u> 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

WELL LOCATION AND ACREAGE DEDICATION PLAT <sup>1</sup> API Number 30-025-PENDING TEAS; BONE SPRING, EAST Property Code <sup>5</sup> Property Name JOKER 5-8 FED COM Well Number 172H OGRID No. 372165 Elevation 3636.6 8 Operator Name
PERMIAN RESOURCES OPERATING, LLC

County LEA
_

UL or lot no.	Section 8	Township 20S	Range 34E	Lot Idn	Feet from the 10	North/South line SOUTH	Feet from the 2310	East/West line WEST	County LEA	
12 Dedicated Acr 320.04	es 13	Joint or Infill	14 Cons	olidation 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. 17 OPERATOR "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. = SURFACE HOLE LOCATION. ♦ = TAKE POINT. SR9'45'16"W T19S = LEASE PENETRATION POINT. T2050 = BOTTOM HOLE LOCATION. SHL 2186 LOT 2 40.06 Acres LOT 1 40.09 Acres ▲ = SECTION CORNER LOCATED. LOT 4 40.01 Acres LOT 3 40.04 Acres = LEASE LINE. '20"E (Meas.) NOTE:

Distances referenced on plat to section lines are perpendicular.

Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83) "A" See Detail (Meas.) 2638.60 NMLC 0065607 5273.09 Date 5 - 3.0E,1100N 2640' FNL 2635' FSL 2315' FWL SECTION LINE TABLE Printed Nam NMLC 0064194 38"E (Meas. LINE DIRECTION LENGTH L1 S89°37'06"W 2644.22' E-mail Address N00°06 2635.85° 18 SURVEYOR CERTIFICATION WELL BORE LINE TABLE I hereby certify that the well location shown on this plat was plotted from field notes of LINE DIRECTION LENGTH on this plat was plotted from fred hotes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. S89'43'48"W 2641.67' (Meas.) S89°40'18"W 2637.03' (Meas.) L2  $AZ = 38.80^{\circ}$ 199.48' AZ = 180.09° L3 2540.12 March 10, 2023 14"W (Meas. NO0'01'17"W 2641.15' (Meas. AZ = 179.99° L4 90.00' Date of Survey Signature and Seal of Profes NOO'09 2641.21' BUCHE NMLC 0064194 MEX NO0'00'39"W 2640.65" (Meas.) (Meas.) 05-02-23 NOODS ONAL See Detail "B" 2310 S89°42'57"W 5291.71' (Meas.) NAD 83 (SURFACE HOLE LOCATION) NAD 83 (LAST TAKE POINT) LATITUDE = 32°34'50.46" (32.580685°) LONGITUDE = -103°35'00.77" (-103.583546°) LATITUDE = 32°36'31.41" (32.608725°) LONGITUDE = -103°35'01.71" (-103.583807° Section Line LONGITUDE -- 103 3301.71 (-105.38380)

NAD 27 (SURFACE HOLE LOCATION)

LATITUDE = 32°36°30.97" (32.608602°)

LONGITUDE = -103°34′59.93" (-103.583315°)

STATE PLANE NAD 83 (N.M. EAST) LONGITUDE = -103 53 00.77 (-103.38.

NAD 27 (LAST TAKE POINT)

LATITUDE = 32°34′50.02" (32.580562°)

LONGITUDE = -103°34′59.00" (-103.58:

STATE PLANE NAD 83 (N.M. EAST) Detail "B" 100 No Scale 2310' N: 585998.52' E: 772136.33'
STATE PLANE NAD 27 (N.M. EAST) N: 575797.52' E: 772288.58' STATE PLANE NAD 27 (N.M. EAST) 255, 2310 NAD 83 (FIRST TAKE POINT)
LATITUDE = 32°36′32.94″ (32.699151°)
LONGITUDE = -103°35′02.42″ (-103.583400°)
NAD 27 (FIRST TAKE POINT)
LATITUDE = 32°36′32.50″ (32.669028°)
LONGITUDE = -103°34′84.47″ (-103.582907°) NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 32°34′49.57″ (32.580437°)
LONGITUDE = -103°35′00.77″ (-103.583547°)
NAD 27 (BOTTOM HOLE LOCATION) SHI 3 9 LATITUDE = 32°34'49.13" (32.580314°) LONGITUDE = -103°34'59.00" (-103.583056 EUNGITUDE = -103°34'88.4'" (-103.58 STATE PLANE NAD 83 (N.M. EAST) N: 586154.49' E: 772260.64' STATE PLANE NAD 27 (N.M. EAST) LONGI UDE = -103°34°99.00° (-103.58 STATE PLANE NAD 83 (N.M. EAST) N: 575707.53' E: 772288.97' STATE PLANE NAD 27 (N.M. EAST) 2310 BHL : 575644.92' E: 731108.1 Detail "A" No Scale NAD 27 (LEASE PENETRATION POINT)
LONGITUDE = -103°35'00.37" (-103.583436°)
NAD 27 (LEASE PENETRATION POINT) LATITUDE = 32°36'07.37" (32.602048°) LONGITUDE = -103°34'58.60" (-103.582944°) STATE PLANE NAD 83 (N.M. EAST) SCALE DRAWN BY: N.R. 03-13-23 N: 583614.81' E: 772267.49'

STATE PLANE NAD 27 (N.M. EAST)
N: 583551.96' E: 731086.91' REV: 1 N.R. 05-02-23 Released to Imaging: 7/14/2023 1:14:10 PM

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<u>District I</u> 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 <u>District IV</u> 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

County LEA

WEST

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-PENDING		<sup>2</sup> Pool Code 96637	<sup>3</sup> Pool Name TEAS; BONE SPRING, EAST				
<sup>4</sup> Property Code			roperty Name R 5-8 FED COM	<sup>6</sup> Well Number 132H			
<sup>7</sup> OGRID No. 372165			perator Name URCES OPERATING, LLC	9 Elevation 3638.4'			

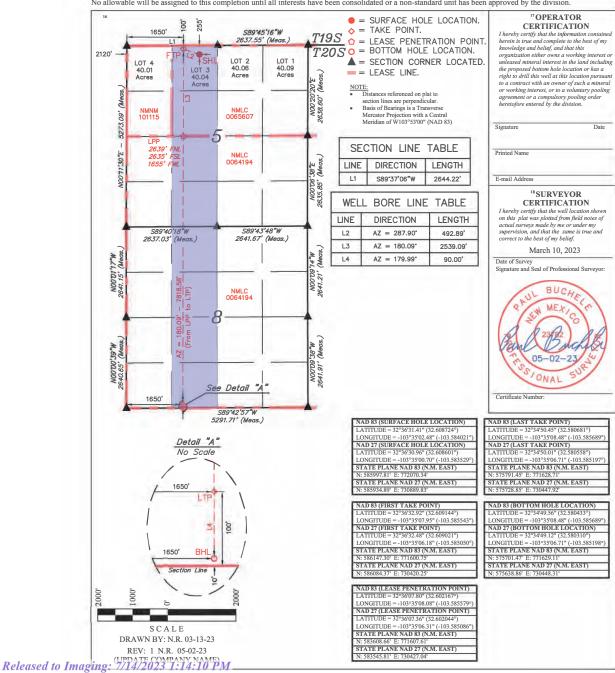
<sup>10</sup> Surface Location											
Lot Idn	Feet from the 255	North/South line NORTH	Feet from 2120								

<sup>11</sup> Bottom Hole Location If Different From Surface											
UL or lot no. Section Township N 8 20S		Range 34E	Lot Idn Feet from the		North/South line SOUTH	Feet from the 1650	East/West line WEST	County LEA			
12 Dedicated Acres 320 04		13 Jo	oint or Infill	14 Conse	olidation 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.

Range 34E

20S



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<u>District I</u> 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

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 1220 South St. Francis Dr. Santa Fe, NM 87505 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

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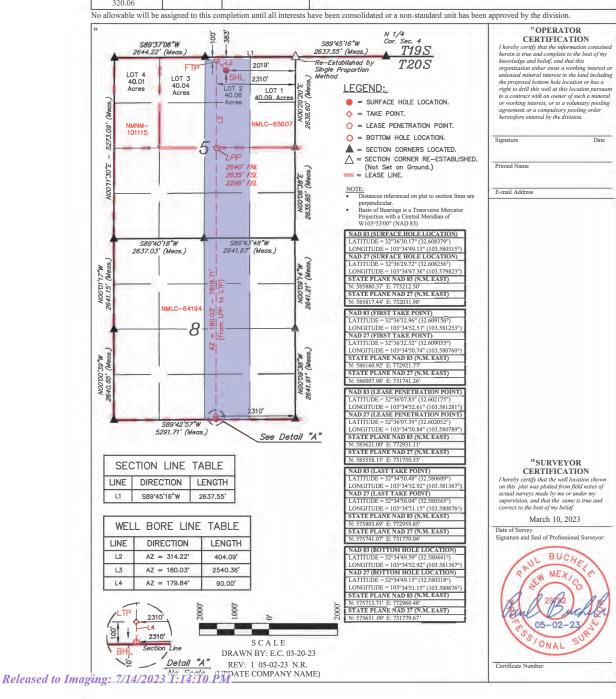
AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Numbe 30-025-PEND	<sup>2</sup> Pool Code 96637	AST	
4 Property Code	5 Pr JOKER	<sup>6</sup> Well Number 113H	
<sup>7</sup> OGRID No. 372165		perator Name JRCES OPERATING, LLC	9 Elevation 3637.3'

10 Surface Location Range 34E County NORTH 20S 383 2019 EAST

11 Bottom Hole Location If Different From Surface Township 20S Lot Idn Feet from the 10 0 13 Joint or Infill 15 Order No 12 Dedicated . 320.06



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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

<u>District IV</u> 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

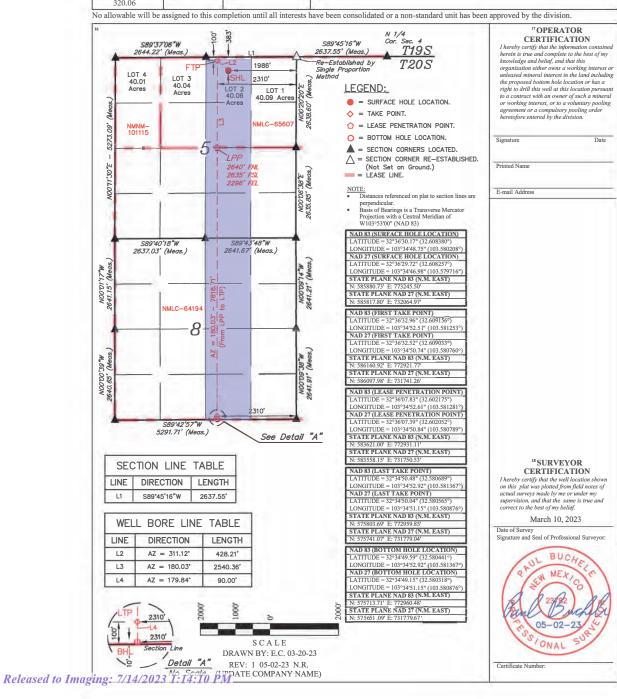
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#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Numb 30-025-PEN	<sup>2</sup> Pool Code 96637	<sup>3</sup> Pool Name TEAS; BONE SPRING, EAST			
<sup>4</sup> Property Code		operty Name 2.5-8 FED COM	<sup>6</sup> Well Number 125H		
<sup>7</sup> OGRID No. 372165		perator Name JRCES OPERATING, LLC	9 Elevation 3638.4'		

UL or lot no. Section Township Range Lot Idn Feet from the 2 5 20S 34E Sa83 NORTH 1986 EAST LEA	<sup>10</sup> Surface Location													
	UL or lot no.	Section 5			Lot Idn	202								



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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) 476-3465 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
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AMENDED REPORT

County

EAST

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-PEND	<sup>2</sup> Pool Code 96637	AST	
4 Property Code	5 Pr JOKER	<sup>6</sup> Well Number 126H	
<sup>7</sup> OGRID No. 372165		perator Name JRCES OPERATING, LLC	9 Elevation 3638.2'

"Surface Location

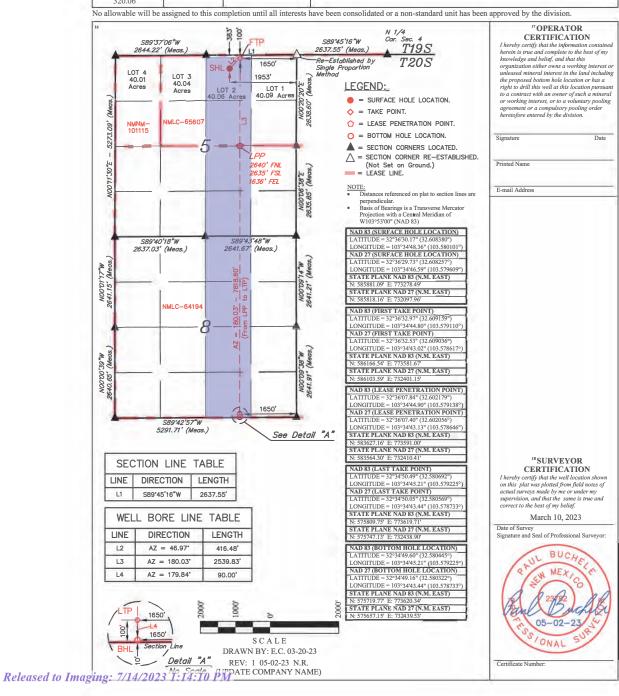
Lot Idn Feet from the North/South line Feet from Surface NORTH 1953

"Bottom Hole Location If Different From Surface

Range 34E

20S

Bottom Hole Location if Different Holin Surface												
	UL or lot no.	Section 8	on	Township 20S	Range 34E	Lot Idn	F	eet from the	North/South line SOUTH	Feet from the 1650	East/West line EAST	County LEA
	12 Dedicated Acres 13 Joint or Infill		nt or Infill	14 Conso	onsolidation Code		15 Order No.					



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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) 748-1285 Fax: (575) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462 State of New Mexico
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OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

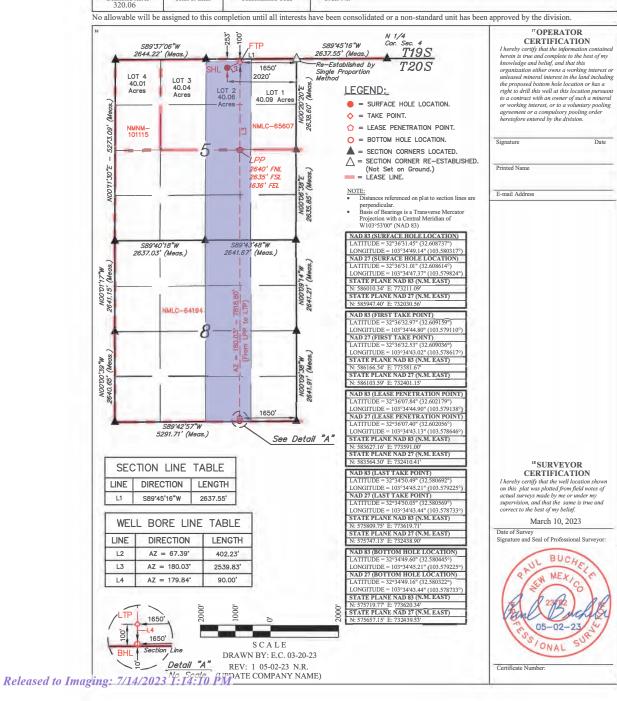
Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-PEND	<sup>2</sup> Pool Code 96637	AST					
<sup>4</sup> Property Code	<sup>5</sup> Property Name JOKER 5-8 FED COM						
<sup>7</sup> OGRID No. 372165	8 O <sub>I</sub> PERMIAN RESOU	9 Elevation 3640.1'					

<sup>™</sup> Surface Location										
UL or lot no.	Section 5	Township 20S	Range 34E	Lot Idn	Feet from the 253	North/South line NORTH	Feet from the 2020	East/West line EAST	County LEA	



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District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. Frist St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III

<u>District III</u>
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
<u>District IV</u>
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

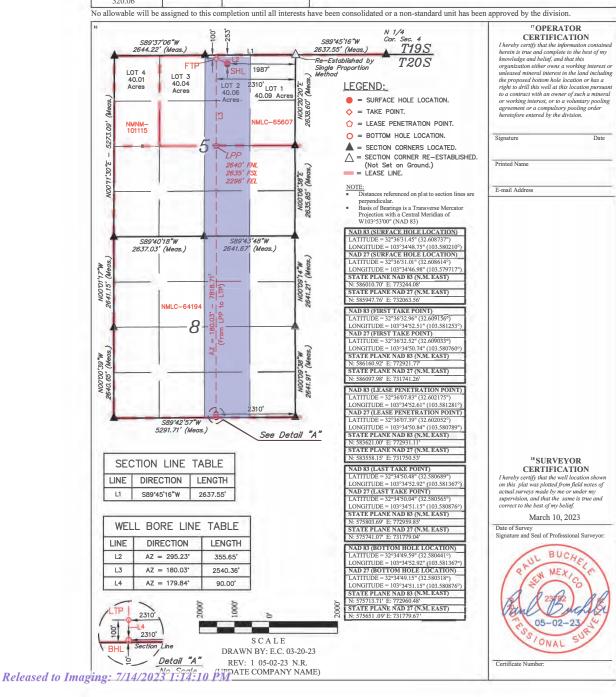
Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-PENDING		<sup>2</sup> Pool Code 96637	AST					
<sup>4</sup> Property Code		<sup>5</sup> Property Name JOKER 5-8 FED COM						
<sup>7</sup> OGRID No. 372165		<sup>8</sup> O <sub>F</sub> PERMIAN RESOU	9 Elevation 3639.1'					

	<sup>10</sup> Surface Location										
UL or lot no.	Section 5	Township 20S	Range 34E	Lot Idn	Feet from the 253	North/South line NORTH	Feet from the 1987	East/West line EAST	County LEA		



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

Form C-102
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County

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-PENDING		<sup>2</sup> Pool Code 96637	AST					
<sup>4</sup> Property Code		<sup>5</sup> Property Name JOKER 5-8 FED COM						
<sup>7</sup> OGRID No. 372165		<sup>8</sup> Operator Name PERMIAN RESOURCES OPERATING, LLC						

10 Surface Location
Feet from the North/South line NORTH

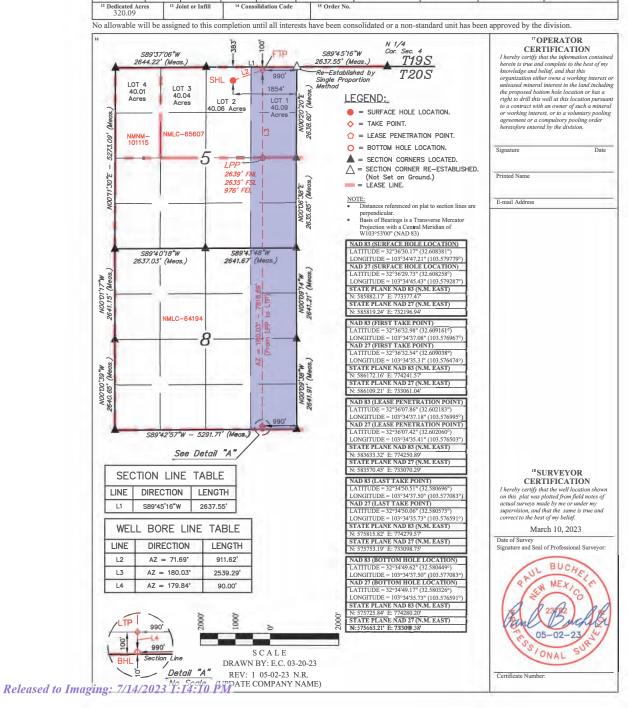
1854

EAST

"Bottom Hole Location If Different From Surface									
UL or lot no. Section	Township 20S	Range 34E	Lot Idn	Feet from the	North/South line SOUTH	Feet from the 990	East/West line EAST	County LEA	

Range 34E

20S



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Form C-102

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) 476-3465

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

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

☐ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT 1-API Number 30-025-PENDING 3Pool Code 96637 3Pool Name TEAS; BONE SPRING, EAST 4 Property Code 3 Property Name JOKER 5-8 FED COM 6 Well Number 127H 2 OGRID No. 372165 4 PERMIAN RESOURCES OPERATING, LLC 3 Elevation 3637.3¹

UL or lot no.	Section 5	Township 20S	Range 34E	Lot Idn	Feet from the 383	North/South line NORTH	Feet from the 1920	East/West line EAST	County LEA
"Bottom Hole Location If Different From Surface									
UL or lot no. P	Section 8	Township 20S	Range 34E	Lot Idn	Feet from the 10	North/South line SOUTH	Feet from the 990	East/West line EAST	County LEA
12 Dedicated Acr	es 13 Ja	nint or Infill	14 Conso	lidation Code	15 Order No.				

10 Surface Location

320.09 No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division. 17 OPERATOR CERTIFICATION Sec. 4 T19S 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. S89°37'06"W 2644,22' (Meas 2637.55' (Meas. Re-Established by Single Proportion Method T20S 990 LOT 4 40.01 Acres 1920' Weas. LEGEND: LOT 1 40.09 SURFACE HOLE LOCATION. NO0'20 2638.60° = TAKE POINT. MLC-65607 = LEASE PENETRATION POINT. NMNM-101115 5273.09 O = BOTTOM HOLE LOCATION. ▲ = SECTION CORNERS LOCATED. LPP 2639' FNL △ = SECTION CORNER RE-ESTABLISHED.
(Not Set on Ground.)
== LEASE LINE. Printed Name 2635' FSL 976' FEL NOTE:

Distances referenced on plat to section lines are E-mail Address N00'06' 2635.85' Distances retrieved in plat to section lines perpendicular. Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83) NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°36'30.17" (32.608380°)
LONGITUDE = 103°34'47.98" (103.579994°)
NAD 27 (SURFACE HOLE LOCATION) 74"W (Meas.) LATITUDE = 32°36′29.73" (32.608257°) LONGITUDE = 103°34′46.20" (103.579501° STATE PLANE NAD 83 (N.M. EAST) NOO'01'1 641.15' ( NO0'09' N: 585881.45' E: 773311.48' STATE PLANE NAD 27 (N.M. EAST) NMLC-64194 NAD 83 (FIRST TAKE POINT)
LATITUDE = 32°36′32.08° (32.69016)\*)
LONGITUDE = 103°34′37.08° (103.57696′7)
NAD 27 (FIRST TAKE POINT)
LATITUDE = 32°36′32.4" (32.690938°)
LONGITUDE = 103°34′35′31 (103.576474°)
STATE PLANE NAD 83 (N.M. EAST) P 13: 8 ΖÏ (Meas.) NO0'00'39"W 2640.65" (Meas.) N: 586172.16' E: 774241.57'
STATE PLANE NAD 27 (N.M. EAST) 2641.91 NAD 83 (LEASE PENETRATION POINT) LATITUDE = 32 3007.60 (22.002.52) LONGITUDE = 103°34'37.18" (103.576995°) NAD 27 (LEASE PENETRATION POINT) LATITUDE = 32°36'07.42" (32.602060°) LONGITUDE = 103°34'35.41" (103.576503°) S89°42'57"W - 5291.71' (Meas.) STATE PLANE NAD 83 (N.M. EAST) See Detail "A" N: 583633.32' E: 774250.89' STATE PLANE NAD 27 (N.M. EAST 18 SURVEYOR SECTION LINE TABLE NAD 83 (LAST TAKE POINT)
LATITUDE = 32°34′50.51" (32.58069°)
LONGITUDE = 103°34′37.50" (103.577083°)
NAD 27 (LAST TAKE POINT)
LATITUDE = 32°34′50.06" (32.580573°)
LONGITUDE = 103°34′37.3" (103.576591°)
STATE PLANE NAD 83 (N.M. EAST) CERTIFICATION CERTIFICATION

I hereby certify that the well location show 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. DIRECTION LENGTH LINE L1 S89'45'16"W 2637.55 WELL BORE LINE TABLE March 10, 2023 N: 575815.82' E: 774279.57'
STATE PLANE NAD 27 (N.M. EAST)
N: 575753.19' E: 733098.75' Date of Survey Signature and Seal of Professional Surveyor: LINE DIRECTION LENGTH NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 32°34'49 (62" (32.580449°)
LONGITUDE = 103°34'37.50" (103.577083°)
NAD 27 (BOTTOM HOLE LOCATION) L2 AZ = 72.89974.63 BUCH AZ = 180.03 L3 2539.29 L4 AZ = 179.84° 90.00 MEX LATITUDE = 32°34'49.17" (32.580326°) LONGITUDE = 103°34'35.73" (103.576591° EONGHUDE - 103-34-35, 75" (103.5 /65 STATE PLANE NAD 83 (N.M. EAST) N: 575725.84" E: 774280.20' STATE PLANE NAD 27 (N.M. EAST) N: 575663.21' E: 73309,38' 05-02-23 100 SCALE ONAL DRAWN BY: E.C. 03-20-23 Released to Imaging: 7/14/2023 1: 14:10 PM ATE COMPANY NAME) Certificate Number

Page 176 of 484

#### Received by OCD: 7/14/2023 12:17:21 PM

State of New Mexico Revised August 1, 2011 Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION

District 1
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 Phone: (373) /166-1263 Fax. (373) /166-9120 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

Submit one copy to appropriate
District Office

AMENDED REPORT

Form C-102

1220 South St. Francis Dr. Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

	<sup>1</sup> API Number	WELL LOCATIO	N AND ACREAGE DEI	DICATION PLAT  3 Pool Name	
4	1 API Number 30-025-PENDING Property Code	96637	5 Property Name	TEAS; BONE SPRI	
	OGRID No.		JOKER 5-8 FED COM  8 Operator Name		128H
	372165	PERMIAN	RESOURCES OPERATING,	LLC	3637.2'
r vv			<sup>10</sup> Surface Location		
	r lot no. Section Township 2 5 20S	Range Lot Idn 34E	Feet from the North/South lin 383 NORTH	Feet from the 1887	EAST County LEA
			Location If Different Fr		
ULo	P Section Township 20S	Range Lot Idn 34E	Feet from the North/South line 10 SOUTH	e Feet from the 330	East/West line County EAST LEA
	licated Acres 13 Joint or Infill 20.09	<sup>14</sup> Consolidation Code	15 Order No.		¥
No allo	wable will be assigned to this c			on-standard unit has been	approved by the division.
16	\$89'37'06*W 2644.22' (Meas.)	FTP Mei	-Established by ple Proportion N 1/4 Cor. St. 2637.55' (Meas.)	<u>1798</u> 1208	"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
" (Macs.)	40.01 Acres LOT 3 40.04 Acres	Acres Acres	od of the point.	DLE LOCATION.	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.
. 5273.09	101115	LPP	O = BOTTOM HOL	LE LOCATION. RNERS LOCATED.	Signature Date
- 30£11.000		2639' FNL	(Not Set on LEASE LINE.	RNER RE—ESTABLISHED. Ground.)	Printed Name
r oon		5,92	NOTE:  Distances reference	ed on plat to section lines are	E-mail Address
	\$89'40'18"W 2637.03' (Meas.)  NMLC-64194  8 SECTION LINE TABL  NE DIRECTION LENG	T' (Meas.)  Detail "A"  E  M. SC. DOON  M. SC. DOON  M. SC. DOON	W103*5300" (NAI  NAD 83 (SURFACE)  LATITUDE = 32*3634  LONGITUDE = 103*34  NAD 27 (SURFACE)  LATITUDE = 123*36354  NAD 27 (SURFACE)  LATITUDE = 103*34  STATE PLANE NAD  N: 585818.88" E: 7321  NAD 83 (FIRST TAK  LATITUDE = 123*3635  LONGITUDE = 103*34  NAD 27 (FIRST TAK  LATITUDE = 132*40535  LONGITUDE = 103*34  STATE PLANE NAD  N: 58617.77 E: 7749  LONGITUDE = 32*3600  LONGITUDE = 103*34  LONGITUDE = 103*34  NE 586114.70 E: 7349  NAD 83 (LEASE PEN  LATITUDE = 32*3600  LONGITUDE = 103*34	D 83) HOLE LOCATION D.1.7" (32.608381°) 447.59" (103.579887°) HOLE LOCATION) 9.73" (32.608258°) 4445.82" (103.579894°) H3 (NM. EAST) 444.77" 127" (NM. EAST) 63.95" E POINT) 129" (32.609164°) 129.97" (32.609164°) 429.37" (103.574824°) E POINT) 1255" (32.609164°) 427.79" (103.574824°) 10.47" 127" (NM. EAST) 10.47" 127" (NM. EAST) 10.47" 127" (NM. EAST) 10.47" 127" (32.602167°) 128" (32.602167°) 147" (32.602167°) 147" (32.602167°) 147" (32.602067°) 147" (32.602067°) 147" (32.602067°) 158" (32.602067°) 159.27" (32.602067°) 159.27" (32.602067°) 159.27" (32.602067°) 159.27" (32.602067°) 159.27" (32.602067°) 159.27" (32.602067°) 159.27" (32.602067°) 159.27" (32.602067°)	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of
	L1 S89'45'16"W 2637.		NAD 27 (LAST TAKI LATITUDE = 32°34'5( LONGITUDE = 10°3' STATE PLANE NAD N: 575821.88' E: 7749	0.08" (32.580577°) 4'28.02" (103.574449°) 83 (N.M. EAST)	actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. March 10, 2023
	L2 AZ = 79.48' 1 L3 AZ = 180.03' 2 L4 AZ = 179.84'	ENGTH 585.14' 558.75' 90.00'	STATE PLANE NAD N: 575759.25' E: 7337  NAD 83 (BOTTOM H LATITUDE = 32°3449 LONGITUDE = 103°3. NAD 27 (BOTTOM H LATITUDE = 32°3449 LONGITUDE = 103°3. STATE PLANE NAD N: 575731.90' E: 73731.90' E: 73731	27 (N.M. EAST) 58.61' 10LE LOCATION) 9.63" (32.580453°) 429.79" (103.574940°) 10LE LOCATION) 9.19" (32.580329°) 428.02" (103.574449°) 183 (N.M. EAST) 40.07"	Date of Survey Signature and Seal of Professional Surveyor:  BUCHE  MEX  23/B2  ABA  23/B2  ABA  ABA  ABA  ABA  ABA  ABA  ABA
Released to Imaging:	BHL Section Line  Detail "A"	S C A L E DRAWN BY: E.C. 03-20 REV: 1 05-02-23 N.R DATE COMPANY NA	-23	5924	O5-02-23 SUP ONAL SUP
			1//		

Page 177 of 484

<u>District I</u> 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 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-PEND	<sup>2</sup> Pool Code 96637	AST					
4 Property Code	<sup>5</sup> Property Name JOKER 5-8 FED COM						
<sup>7</sup> OGRID No. 372165	* O <sub>I</sub> PERMIAN RESOU	9 Elevation 3638.1'					

10 Surface Location

2	5	20S	34E		253	NORTH	1855	EAST	LEA
			11	Bottom H	ole Location I	f Different From	Surface		

Fast/West lin Feet from the Township 20S SOUTH 13 Joint or Infill 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. Re-Established by Single Proportion Method S89'45'16"W 2637.55' (Meas. 17 OPERATOR "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. Sec. 4 T19S S89°37'06\*W 2644.22' (Meas T20S LOT 4 40.01 Acres LOT 1 40.09 Acres Meas. LEGEND: LOT 2 0.06 Acres SURFACE HOLE LOCATION. NO0'20 2638.60° TAKE POINT. = LEASE PENETRATION POINT. NMNM-101115 5273.09 O = BOTTOM HOLE LOCATION. ▲ = SECTION CORNERS LOCATED. △ = SECTION CORNER RE-ESTABLISHED.
(Not Set on Ground.)
== LEASE LINE. Printed Name NOTE:

Distances referenced on plat to section lines are E-mail Address N00'06', Distances retrieved on plan to section lines perpendicular. Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83) NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°36′31.46″ (32.608′738°)
LONGITUDE = 103°34′47.21″ (103.579′781°)
NAD 27 (SURFACE HOLE LOCATION) S89°43'48"W 2641.67' (Meas.) S89°40'18"W 2637.03' (Meas.) NAD 27 (SURFACE HOLE LOCA TON) LATITUDE = 32°36'31.02" (32.608615°) LONGITUDE = 103°34'45.44" (103.579289°) STATE PLANE NAD 83 (N.M. EAST) NOO'01'1 641.15' ( N: 586012.14' E: 773376.05'
STATE PLANE NAD 27 (N.M. EAST) 7818.98° LTP) NMLC-64194 NAD 83 (FIRST TAKE POINT)
LATITUDE = 32°36'32.99" (32.690)649')
LONGITUDE = 103°34'29.37" (103.574824°)
NAD 27 (FIRST TAKE POINT)
LATITUDE = 32°36'32.55" (32.690941°)
LONGITUDE = 103°34'27.59" (103.574332°)
STATE PLANE NAD 83 (N.M. EAST) 180,03° (From L (Meas.) NO0'00'39"W 2640.65" (Meas.) STATE PLANE NAD 27 (N.M. EAST) N0009 NAD 83 (LEASE PENETRATION POINT) LATITUDE = 32°36'07.87" (32.602187°) LONGITUDE = 103°34′29.47" (103.574852°)

NAD 27 (LEASE PENETRATION POINT)

LATITUDE = 32°36′07.43" (32.602064°)

LONGITUDE = 103°34′27.70" (103.574360°) 589'42'57"W - 5291.71' (Meas.) STATE PLANE NAD 83 (N.M. EAST) See Detail "A" N: 583639.47' E: 774910.77' STATE PLANE NAD 27 (N.M. EAST) 18 SURVEYOR SECTION LINE TABLE NAD 83 (LAST TAKE POINT)
LATITUDE = 32°34°50,52" (32.580700°)
LONGITUDE = 103°34′29.79" (103.574940
NAD 27 (LAST TAKE POINT)
LATITUDE = 32°345′0.08" (32.580577°)
LONGITUDE = 103°34′28.02" (103.574449
STATE PLANE NAD 83 (N.M. EAST) 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. DIRECTION LENGTH LINE L1 S89°45'16"W 2637.55' March 10, 2023 WELL BORE LINE TABLE N: 575821.88' E: 774939.43'

STATE PLANE NAD 27 (N.M. EAST)
N: 575759.25' F: 733758.61' Date of Survey Signature and Seal of Professional Surveyor: DIRECTION LINE LENGTH NAD 83 (BOTTOM HOLE LOCATION)

LATITUDE = 32°34'49.63" (32.580453°)

LONGITUDE = 103°34'29.79" (103.574940°)

NAD 27 (BOTTOM HOLE LOCATION) L2 AZ = 84.05 1534.65 BUCH L3 AZ = 180.032538.75 MEX 14 A7 = 179.84° 90.00 LATITUDE = 32°34'49.19" (32.580329°) LONGITUDE = 103°34'28.02" (103.574449° LONGITUDE = 103°34′28.(02" (103.5744 STATE PLANE NAD 83 (N.M. EAST) N: 575731.90' E: 774940.07' STATE PLANE NAD 27 (N.M. EAST) N: 575669.27' E: 733759.24' 05-02-23 .00 330' SCALE ONAL DRAWN BY: E.C. 03-20-23 Released to Imaging: 7/14/2023 1:14:10 PM ATE COMPANY NAME)

Certificate Number

Page 178 of 484
Form C-102

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) 476-3465 State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

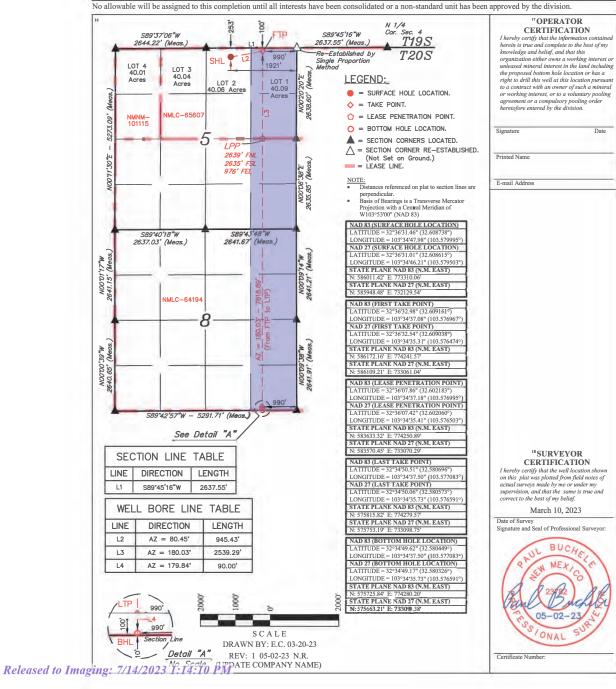
Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

# | WELL LOCATION AND ACREAGE DEDICATION PLAT | 1-API Number | 37-001 Code | 96637 | TEAS; BONE SPRING, EAST | 1-API Number | 1-

					10 Surface	Location					
UL or lot no.	Section 5	Township 20S	Range 34E	Lot Idn	Feet from the 253	North/South line NORTH	Feet from the 1921	East/West line EAST	County LEA		
	"Bottom Hole Location If Different From Surface										
UL or lot no.	Section 8	Township 20S	Range 34E	Lot Idn	Feet from the 10	North/South line SOUTH	Feet from the 990	East/West line EAST	County LEA		

12 Dedicated Acres 320.09 13 Joint or Infill 14 Consolidation Code 15 Order No.



Page 179 of 484

| District 1 |
1625 N. French Dr., Hobbs, NM 88240 |
Phone: (573) 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) 476-3460 |

# 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

County LEA

WEST

2087

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

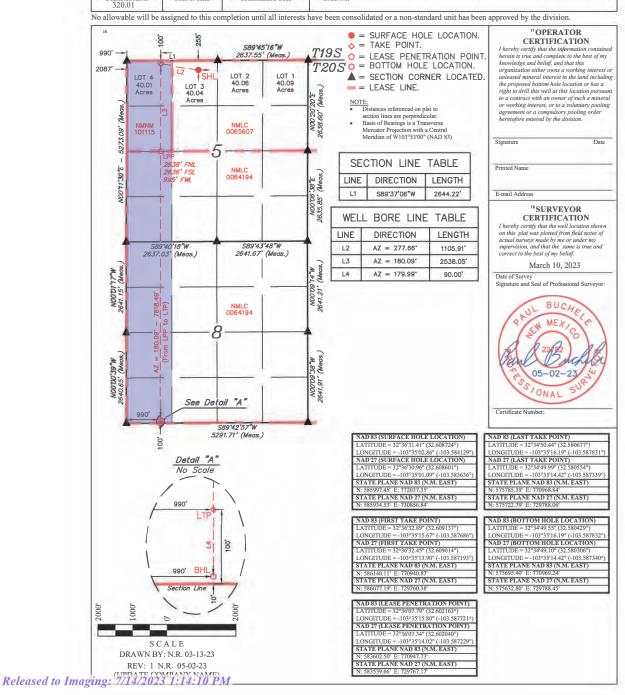
<sup>1</sup> API Number 30-025-PEND	<sup>2</sup> Pool Code 59500	P					
<sup>4</sup> Property Code	<sup>5</sup> Property Name JOKER 5-8 FED COM						
<sup>7</sup> OGRID No. 372165	*O <sub>F</sub> PERMIAN RESOU	9 Elevation 3638.8'					

### ID Surface Location Feet from the North/South line NORTH

Range 34E

20S

	"Bottom Hole Location If Different From Surface								
UL or lot no.	Section 8	Township 20S	Range 34E	Lot Idn	Feet from the 10	North/South line SOUTH	Feet from the 990	East/West line WEST	County LEA
12 Dedicated Acre	es 13 J	oint or Infill	14 Conso	olidation Code	15 Order No.				



Page 180 of 484

#### Received by OCD: 7/14/2023 12:17:21 PM

Form C-102 Revised August 1, 2011

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) 476-3465

# 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

<sup>1</sup> API Numb 30-025-PEN	<sup>2</sup> Pool Code 59500	P			
<sup>4</sup> Property Code		<sup>5</sup> Property Name JOKER 5-8 FED COM			
<sup>7</sup> OGRID No. 372165	80 <sub>1</sub> PERMIAN RESOI	9 Elevation 3637.6'			

10 Surface Location

3	5	5	20S	34E		255	NORTH	2153	WEST	LEA
				11	Bottom H	ole Location I	f Different From	Surface		
UL or lot no.	Sect	ion	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	8	3	20S	34E		10	SOUTH	2310	WEST	LEA
12 Dedicated Acr	es	13 Je	int or Infill	14 Consc	lidation Code	15 Order No.				

320.04 No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division. 17 OPERATOR = SURFACE HOLE LOCATION. CERTIFICATION 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. ♦ = TAKE POINT. SR9'45'16"W T19S = LEASE PENETRATION POINT. T2050 = BOTTOM HOLE LOCATION. 2153 LOT 2 40.06 Acres LOT 1 40.09 Acres ▲ = SECTION CORNER LOCATED. LOT 4 40.01 Acres LOT 3 40.04 Acres = LEASE LINE. '20"E (Meas., NOTE:

Distances referenced on plat to section lines are perpendicular.
Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83) See Detail "A" (Meas.) ,09 NMLC 0065607 5273.09 2640' FNL 2635' FSL 2315' FWL SECTION LINE TABLE Printed Nam 3,05,11,00N NMLC 0064194 38"E (Meas. DIRECTION LENGTH LINE L1 S89°37'06"W 2644.22 E-mail Address N00°06 2635.85° 18 SURVEYOR CERTIFICATION WELL BORE LINE TABLE I hereby certify that the well location shown on this plat was plotted from field notes of LINE DIRECTION LENGTH on this plat was plotted from fresh 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. S89'43'48"W 2641.67' (Meas.) S89°40'18"W 2637.03' (Meas.) L2  $AZ = 45.42^{\circ}$ 221.80' AZ = 180.09° L3 2540.12 March 10, 2023 14"W (Meas. NO0'01'17"W 2641.15' (Meas. AZ = 179.99° L4 90.00' Date of Survey Signature and Seal of Profes NOO'09 2641.21' BUCHE NMLC 0064194 MEX NO0'00'39"W 2640.65" (Meas.) (Meas.) 05-02-23 NOODS ONAL See Detail "B" 2310 S89°42'57"W 5291.71' (Meas.) NAD 83 (SURFACE HOLE LOCATION) NAD 83 (LAST TAKE POINT) LATITUDE = 32°36'31.41" (32.608725°) LONGITUDE = -103°35'02.09" (-103.583914°) LATITUDE = 32°34'50.46" (32.580685°) LONGITUDE = -103°35'00.77" (-103.583546°) Section Lin LONGITUDE -- 103 3302.09 (-105.383914 NAD 27 (SURFACE HOLE LOCATION) LATITUDE = 32°36°30.97" (32.608602°) LONGITUDE = -103°35′00.32" (-103.583422°) STATE PLANE NAD 83 (N.M. EAST) LATITUDE = -103 '35'00.'7' (-103.38.' NAD 27 (LAST TAKE POINT)

LATITUDE = 32°34'50.02" (32.580562°)

LONGITUDE = -103°34'59.00" (-103.58:

STATE PLANE NAD 83 (N.M. EAST) Detail "B" 00 2310 No Scale N: 585998.17' E: 772103.34' STATE PLANE NAD 27 (N.M. EAST) N: 575797.52' E: 772288.58' STATE PLANE NAD 27 (N.M. EAST) 255 : 575734.91' E: 731107.7 2310 NAD 83 (FIRST TAKE POINT)
LATITUDE = 32°36′32.94″ (32.699151°)
LONGITUDE = -103°35′00.24″ (-103.83400°)
NAD 27 (FIRST TAKE POINT)
LATITUDE = 273°36′3.26′ (32.69028°)
LONGITUDE = -103°34′88.47″ (-103.582907°) NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 32°34′49.57″ (32.580437°)
LONGITUDE = -103°35′00.77″ (-103.583547°)
NAD 27 (BOTTOM HOLE LOCATION) 2153' SHI 100 LATITUDE = 32°34'49.13" (32.580314°) LONGITUDE = -103°34'59.00" (-103.583056 3 EUNGHUDE = -103°34°38.4" (-103.58. STATE PLANE NAD 83 (N.M. EAST) N: 586154.49' E: 772260.64' STATE PLANE NAD 27 (N.M. EAST) LONGH UDE = -103°34°99.00° (-103.58 STATE PLANE NAD 83 (N.M. EAST) N: 575707.53' E: 772288.97' STATE PLANE NAD 27 (N.M. EAST) 2310 BHI Detail "A" : 575644.92' E: 731108.1' No Scale NAD 83 (LEASE PENETRATION POINT)
LATITUDE = 32°3607.82° (23.602171°)
LONGITUDE = -103°35′00.37° (-103.583436°)
NAD 27 (LEASE PENETRATION POINT)
LATITUDE = 32°3607.37° (23.602048°)
LONGITUDE = -103°3458.60° (-103.582944°)
STATE PLANE NAD 83 (N.M. EAST) SCALE DRAWN BY: N.R. 03-13-23 N: 583614.81' E: 772267.49'
STATE PLANE NAD 27 (N.M. EAST)
N: 583551.96' E: 731086.91' REV: 1 N.R. 05-02-23 Released to Imaging: 7/14/2023 1:14:10 PM

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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) 748-1285 Fax: (575) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462 State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

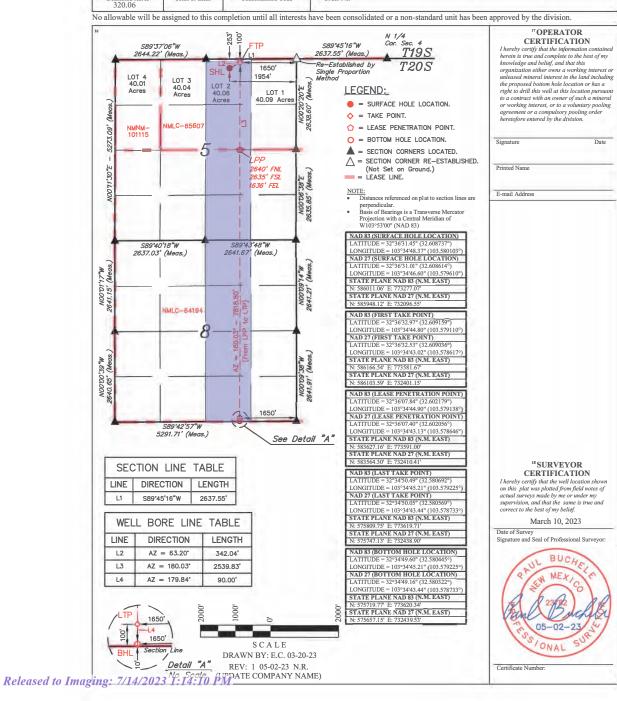
Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-PENDING		<sup>2</sup> Pool Code <sup>3</sup> Pool Name           59500         TONTO; WOLFCAM		P
<sup>4</sup> Property Code		5 Pr JOKER	<sup>6</sup> Well Number 203H	
<sup>7</sup> OGRID No. 372165		<sup>8</sup> O <sub>F</sub> PERMIAN RESOU	9 Elevation 2638.6'	

	<sup>10</sup> Surface Location								
UL or lot no.	Section 5	Township 20S	Range 34E	Lot Idn	Feet from the 253	North/South line NORTH	Feet from the 1954	East/West line EAST	County LEA



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Form C-102

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) 476-3465

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

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

AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT 1-API Number 30-025-PENDING 3-Pool Code 59500 3-Pool Name TONTO; WOLFCAMP 4-Property Code 3-Property Name JOKER 5-8 FED COM 6-Well Number 204H 2-OGRID No. 372165 4-Operator Name 4-Operator Name 9-PERMIAN RESOURCES OPERATING, LLC 3-Elevation 3637.5¹

10 Surface Location

2	5		20S	34E		253	NORTH	1888	EAST	LEA
				11	Bottom H	ole Location I	f Different From	Surface		
UL or lot no.	Sect 8	ion	Township 20S	Range 34E	Lot Idn	Feet from the 10	North/South line SOUTH	Feet from the 330	East/West line EAST	County LEA
12 Dedicated Acr	es	13 Jo	int or Infill	14 Conse	olidation Code	15 Order No.				

320.09 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. Re-Established by Single Proportion Method S89°45'16"W 17 OPERATOR Sec. 4 T19S CERTIFICATION 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. S89°37'06\*W 2644,22' (Meas 2637.55' (Meas T20S LOT 4 40.01 Acres LOT 3 40.04 Acres Weds. LEGEND: LOT 2 0.06 Acres SURFACE HOLE LOCATION. NO0"20 26.38.60" TAKE POINT. = LEASE PENETRATION POINT. NMNM-101115 5273.09 O = BOTTOM HOLE LOCATION. ▲ = SECTION CORNERS LOCATED. △ = SECTION CORNER RE-ESTABLISHED.
(Not Set on Ground.)
== LEASE LINE. .639' FNL Printed Name 2636' FSL 316' FEL NOTE:

Distances referenced on plat to section lines are E-mail Address NOO'06' Distances reference on plan to section lines perpendicular. Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83) NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°36'31.46" (32.608738°)
LONGITUDE = 103°34'47.60" (103.579888°)
NAD 27 (SURFACE HOLE LOCATION) S89°43'48"W 2641.67' (Meas.) S89°40'18"W 2637.03' (Meas.) LATITUDE = 32°36'31.01" (32.608615°) LONGITUDE = 103°34'45.82" (103.579396' STATE PLANE NAD 83 (N.M. EAST) NOO'01'1 641.15' ( N: 586011.78' E: 773343.06'
STATE PLANE NAD 27 (N.M. EAST) NMLC-64194 NAD 83 (FIRST TAKE POINT)
LATITUDE = 32°36'32.99" (32.690)64°)
LONGITUDE = 103°34'29.37" (103.574824°)
NAD 27 (FIRST TAKE POINT)
LATITUDE = 32°36'32.55" (32.690941°)
LONGITUDE = 103°34'27.59" (103.574332°)
STATE PLANE NAD 83 (N.M. EAST) Pp 03 AZ NO0'00'39"W 2640.65" (Meas.) STATE PLANE NAD 27 (N M EAST) NAD 83 (LEASE PENETRATION POINT) LONGITUDE = 103°34′29.47" (103.574852°)

NAD 27 (LEASE PENETRATION POINT)

LATITUDE = 32°36′07.43" (32.602064°)

LONGITUDE = 103°34′27.70" (103.574360°) S89'42'57"W - 5291.71' (Meas., STATE PLANE NAD 83 (N.M. EAST) See Detail "A N: 583639.47' E: 774910.77' STATE PLANE NAD 27 (N.M. EAST 18 SURVEYOR SECTION LINE TABLE NAD 83 (LAST TAKE POINT)
LATITUDE = 32°34′50.52" (32.80700°)
LONGITUDE = 103°34′29.79" (103.574940
NAD 27 (LAST TAKE POINT)
LATITUDE = 32°34′50.08" (32.80977°)
LONGITUDE = 103°34′28.02" (103.5744)
STATE PLANE NAD 83 (N.M. EAST) 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. DIRECTION LINE LENGTH L1 S89°45'16"W 2637.55 March 10, 2023 N: 575821.88' E: 774939.43'
STATE PLANE NAD 27 (N.M. EAST) WELL BORE LINE TABLE Date of Survey Signature and Seal of Professional Surveyor: DIRECTION LENGTH LINE NAD 83 (BOTTOM HOLE LOCATION) LATITUDE = 32°34'49.63" (32.580453°) LONGITUDE = 103°34'29.79" (103.574940°) NAD 27 (BOTTOM HOLE LOCATION) L2 AZ = 84.16 1567.49 BUCH AZ = 180.03° L3 2538.75 MEX LATITUDE = 32°34'49.19" (32.580329°) LONGITUDE = 103°34'28.02" (103.574449° L4 AZ = 179.84° 90.00' STATE PLANE NAD 83 (N.M. EAST)
N: 575731.90' E: 774940.07'
STATE PLANE NAD 27 (N.M. EAST)
N: 575669.27' E: 73375924' 05-02-23 100 330' SCALE ONAL DRAWN BY: E.C. 03-20-23 Released to Imaging: 7/14/2023 1: 14:10 PM ATE COMPANY NAME) Certificate Number

September 18, 2025

#### Read & Stevens - Joker & Bane Federal Com

Joker – Sections 5 & 8, Township 20 South, Range 34 East, Lea Co., NM Bane - Sections 4 & 9, Township 20 South, Range 34 East, Lea Co., NM OCC Case No 25371



#### Permian Resources Land Update & C102s Reference



· Anticipated Spud Date:

Q4 2025 Joker: Q4 2025 Bane:

APD Status:

• Joker: 24 APDs approved by the BLM and are pending approval by the NMOCD Anticipate approval of 24 APDs by the BLM within the next 30 days · Bane:

 C-102 Status: All C-102 have been provided and supplemented here with this package.

 Joker Potash DA Status: Joker DA approved by the BLM on April 1, 2025

Permian Resources Operating, LLC ("*Permian Resources*") closed the acquisition of **Read & Stevens** as well as **First Century Oil** on February 16, 2023 and has acquired the interest of **Avalon Energy** and **Union Hill**. Permian Resources has signed Relationship of Parties:

definitive documents to acquire interest from Foran Oil and MRC Permian. Permian Resources as the parent company of Read & Stevens will be Operator on their

behalf until all entities are consolidated. Permian Resources and Read & Stevens are referred to interchangeably within these exhibits and discussions.

Joker & Bane 2023 Drilling and Division Order Title Opinions rendered and updated to • Title Opinions:

reflect any known owner transfer or pooling impacts.

 Proposals/AFES/Support Docs: All available, supplemented here with this presentation. Due to the duration of time from initial proposal to present Permian Resources has provided owners updated AFEs of

current costs provided here in these exhibits.

\*BLM Potash rules and guidelines available upon request

#### Area Locater





- Joker & Bane are located in North Central Lea County outlined in the red box on the locator map.
- A portion of the Joker unit traverses the Northeast portion of the Potash boundary
- Drill islands for the Joker are located on the northern edge of the unit highlighted in green

\*BLM Potash rules and guidelines available upon request

Wolfbone Pool

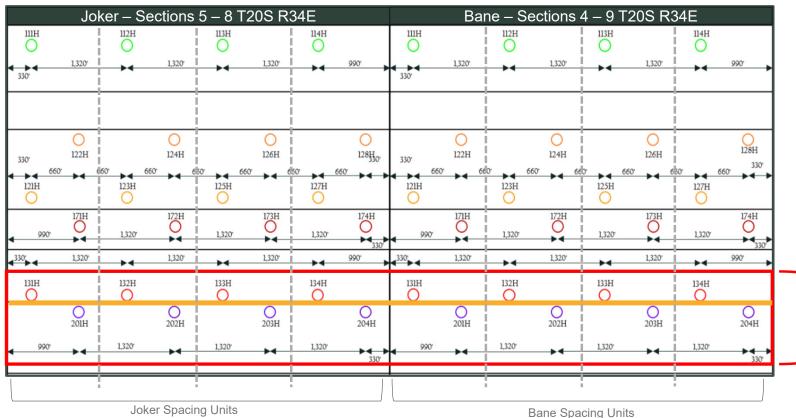
10,598 ft to 11,236 ft

Refercend Depths based on Matador 5#1 Dual Laterallog Micro

SFL Log

## Spacing Unit Cross Section





Working Interest Depth Severance

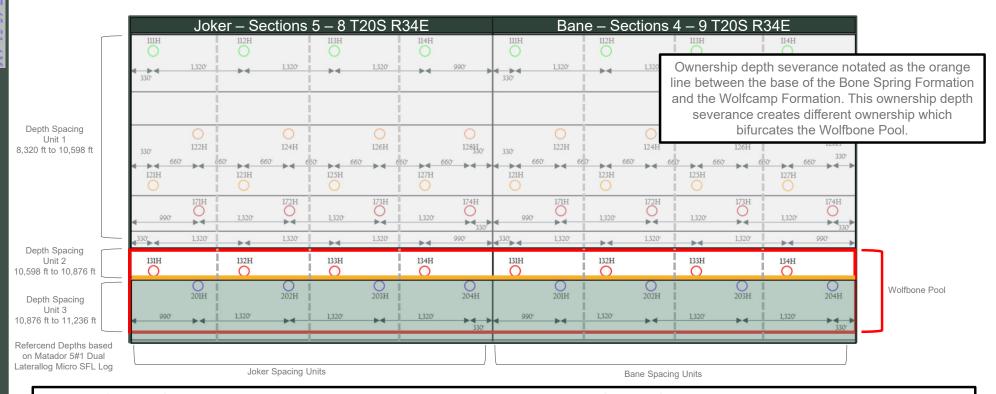
Diagrams are for visual clarification and are not to scale.

Special Wolfbone Pool #98396 encompassing the Third Bone Spring and Upper Wolfcamp XY/A

\*10,876 feed TVD as found in the Matador 5 Federal #1 API 30-25-31056 is defined as the depth severance between the base of the Bone Spring Formation and the top of the Wolfcamp Formation

### Spacing Unit Explanation



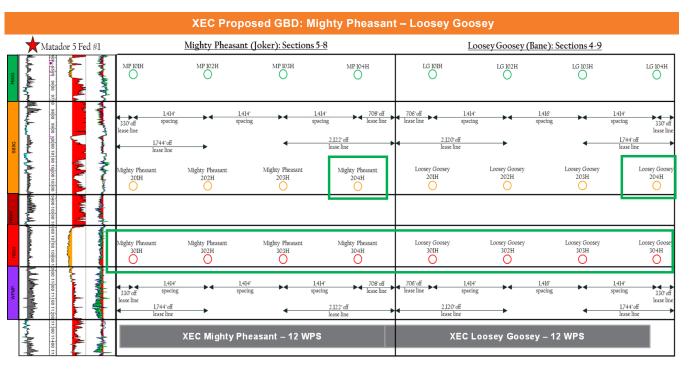


Due to the Special Wolfbone Pool, Permian Resources development plan will encompass three separate depth defined sets of spacing units within each 2-mile quarter-guarter section lane (320 gross acres) in order to accurately calculate depth severed ownership and protect the correlative rights of all owners. The defined depth spacing units below will apply to all spacing units as calculated on a surface acreage basis and may be referenced throughout the exhibits.

Diagrams are for visual clarification and are not to scale

Coterra plans to initially drill only one Second Bone Spring well in each of its proposed developments, leaving threequarters of each recently amended Bone Spring pool without an initial well in the W/2 and W/2 E/2 of Sections 5 and 8, and the W/2 and W/2 E/2 of Sections 4 and 9. See Cimarex Applications in Case Nos. 23448-23455 and 23594-23601. Setting aside the problem that Coterra effectively has no spacing units with initial wells directly competing against Permian's full development of the Bone Spring pools across the Subject Acreage, this does not effectively develop the reservoir.

Graphic provided in Coterra initial application.



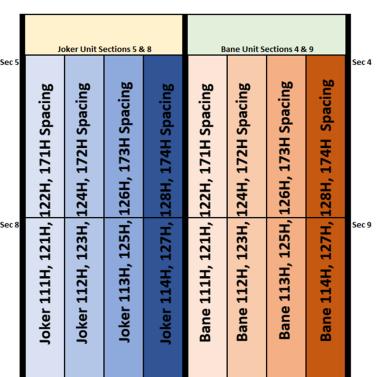


### Lease & Spacing Unit Overview

Exhibit C-7a



Sec 5 NMNM-101115		seasehold - Plan to be commingled Sec 4	:
Sec 8	I.C-06	Sec 9 <b>54194</b>	:
	LC-U	J4194	



Please see next two slides for Wolfbone Overview (very similar in structure)

### Lease & Spacing Unit Overview



Pertaining to the upper Wolfbone Pool -**Bone Spring Ownership** 

In	Joker & Bane Units - 100% BLM Leasehold - Plan to be commingled						
Sec 5 NMNM-101115		Sec 4  65607					
Sec 8	LC-06	5ec 9 54194					

Although both the Third Bone Spring and Wolfcamp XY/A are designated to the same pool, ownership for the respective wells will be calculated based on actual ownership pursuant to the severance in title in order to protect correlative rights.

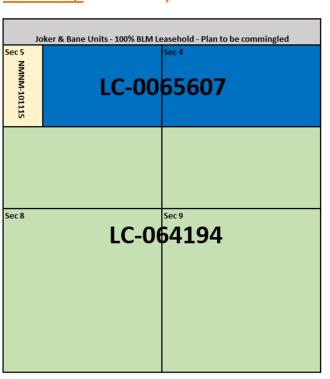
	Jo	ker Unit S	ections 5 &	8	В	ane Unit S	ections 4 8	k 9	
Sec 5	Joker 131H Spacing	Joker 132H Spacing	Joker 133H Spacing	Joker 134H Spacing	Bane 131H Spacing	Bane 132H Spacing	Bane 133H Spacing	Bane 134H Spacing	Sec 4
Sec 8	Joker	Joker	Joker	Joker	Bane	Bane	Bane	Bane	Sec 9

### Lease & Spacing Unit Overview

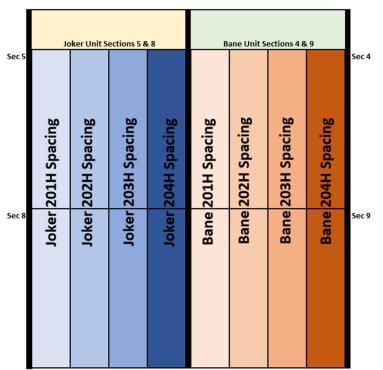
Exhibit C-7c



## Pertaining to the lower <u>Wolfbone</u> Pool – Wolfcamp Ownership



Although both the Third Bone Spring and Wolfcamp XY/A are designated to the same pool, ownership for the respective wells will be calculated based on actual ownership pursuant to the severance in title in order to protect correlative rights.



## Bane - Pooled Working Interest Parties



#### **Bone Spring\*\***

Bane - Bone Spring Pooled Parties List							
Owner	Pooled Party	Status					
Delmar Hudson Trust*	Y	Term Assigned to Cimarex					
Lindys Living Trust (Hudson)	N	Under JOA to Permian Resources					
Javelina Partners	N	Under JOA to Permian Resources					
Zorro Partners	N	Under JOA to Permian Resources					
Josephine Hudson Trust	Υ	Term Assigned to Cimarex					
Ard Oil	Υ	Read & Stevens/PR Support					
Moore & Shelton	Υ	Read & Stevens/PR Support					
HOG Partnership LP	Υ	Read & Stevens/PR Support					
Read & Stevens	N	Permian Resources Owned					
First Century Oil	N	Permian Resources Owned					
Foran Oil Co	Υ	Under contract to be acquired by PR					
Chase Oil Co	Υ	Read & Stevens/PR Support					
Buccholz (Union Hill)	N	Partially Acquired by PR					
Magnum Hunter	Υ	Cimarex Owned					
Cimarex	Υ	Cimarex Owned					
William A. Hudson II	N	Under JOA to Permian Resources					
Challenger Crude, Ltd.	N	Under JOA to Permian Resources					

#### Wolfcamp

Bane - Wolfcamp Pooled Parties List							
Owner	Pooled Party	Status					
Delmar Hudson Trust*	Υ	Term Assigned to Cimarex					
Lindys Living Trust (Hudson)	N	Under JOA to Permian Resources					
Javelina Partners	N	Under JOA to Permian Resources					
Zorro Partners	N	Under JOA to Permian Resources					
Josephine Hudson Trust	Υ	Term Assigned to Cimarex					
Ard Oil	Υ	Read & Stevens/PR Support					
Moore & Shelton	Υ	Read & Stevens/PR Support					
HOG Partnership LP	Υ	Read & Stevens/PR Support					
Read & Stevens	N	Permian Resources Owned					
First Century Oil	N	Permian Resources Owned					
Foran Oil Co	Υ	Under contract to be acquired by PR					
Chase Oil Co	Υ	Read & Stevens/PR Support					
Buccholz (Union Hill)	N	Partially Acquired by PR					
Magnum Hunter	Υ	Cimarex Owned					
Cimarex	Υ	Cimarex Owned					
William A. Hudson II	N	Under JOA to Permian Resources					
Challenger Crude, Ltd.	N	Under JOA to Permian Resources					

<sup>\*\*</sup>Due to the fact that the ownership severance occurs at the base of the Bone Spring Formation, Bone Spring Pooled Party list includes parties that will be in both Bone Spring Pool wells and Third Bone Spring wells assigned to the

Green Text notates Owned by or Supporting Permian Resources Pooled Parties denoted and highlighted in yellow.

\*All ownership information on slides to follow \*Please note ownership differences between Bone Spring and Wolfcamp formations

\*Status is of to best knowledge

### Joker - Pooled Working Interest Parties



#### **Bone Spring\*\***

lokor - I	Joker - Bone Spring Pooled Parties List							
Owner	Pooled Party	Status						
MRC Permian	Υ	Under contract to be acquired by PR						
HOG Partnership LP	Υ	Read & Stevens/PR Support						
Northern Oil & Gas	Υ	Read & Stevens/PR Support						
Javelina Partners	N	Under JOA to Permian Resources						
Zorro Partners, Ltd.	N	Under JOA to Permian Resources						
Delmar Hudson Trust	Υ	Term Assigned to Cimarex						
First Century	N	Permian Resources Owned						
Read & Stevens	N	Permian Resources Owned						
CBR Oil Prop	Υ	Read & Stevens/PR Support						
Ard Oil	Υ	Read & Stevens/PR Support						
Josephine Hudson Trust	Υ	Term Assigned to Cimarex						
Magnum Hunter	Υ	Cimarex Owned						
CLM Production Co	Υ	Read & Stevens/PR Support						
Highland (Texas) Energy	Υ	Read & Stevens/PR Support						
Diamond Star Prod.	Υ	Read & Stevens/PR Support						
Carolyn Beall	Υ	Read & Stevens/PR Support						
Tierra Encantada	Y	Read & Stevens/PR Support						
Sarvis Permian Land Fund I	Υ	Neutral						
Warren Associates	Υ	Read & Stevens/PR Support						
Cimarex Energy	Υ	Cimarex Owned						
Moore & Shelton	Υ	Read & Stevens/PR Support						
Lindys Living Trust	N	Under JOA to Permian Resources						
Challenger Crude	N	Under JOA to Permian Resources						
Avalon Energy Corp	N	Permian Resources Owned						
Marks Oil	N	Under JOA to Permian Resources						
Prime Rock	Υ	Neutral						
Wilbanks Reserve	N	Under JOA to Permian Resources						
Buccholz (Union Hill)	Υ	Partially Assigned to PR						

#### Wolfcamp

Joker - Wolfcamp Pooled Parties List									
Owner	Pooled Party	Status							
MRC Permian	Υ	Under contract to be acquired by PR							
HOG Partnership LP	Υ	Read & Stevens/PR Support							
Northern Oil & Gas	Υ	Read & Stevens/PR Support							
Javelina Partners	N	Under JOA to Permian Resources							
Zorro Partners, Ltd.	N	Under JOA to Permian Resources							
Delmar Hudson Trust	Υ	Term Assigned to Cimarex							
First Century	N	Permian Resources Owned							
Read & Stevens	N	Permian Resources Owned							
CBR Oil Prop	Υ	Read & Stevens/PR Support							
Ard Oil	Υ	Read & Stevens/PR Support							
Josephine Hudson Trust	Υ	Term Assigned to Cimarex							
Magnum Hunter	Υ	Cimarex Owned							
CLM Production Co	Υ	Read & Stevens/PR Support							
Highland (Texas) Energy	Υ	Read & Stevens/PR Support							
Diamond Star Prod.	Υ	Read & Stevens/PR Support							
Carolyn Beall	Υ	Read & Stevens/PR Support							
Tierra Encantada	Y	Read & Stevens/PR Support							
Sarvis Permian Land Fund I	Υ	Neutral							
Warren Associates	Υ	Read & Stevens/PR Support							
Cimarex Energy	Y	Cimarex Owned							
Moore & Shelton	Υ	Read & Stevens/PR Support							
Lindys Living Trust	N	Under JOA to Permian Resources							
Challenger Crude	N	Under JOA to Permian Resources							
Avalon Energy Corp	N	Permian Resources Owned							
Marks Oil	N	Under JOA to Permian Resources							
Prime Rock	Υ	Neutral							
Wilbanks Reserve	N	Under JOA to Permian Resources							
Buccholz (Union Hill)	Υ	Partially Assigned to PR							

<sup>\*\*</sup>Due to the fact that the ownership severance occurs at the base of the Bone Spring Formation, Bone Spring Pooled Party list includes parties that will be in both Bone Spring Pool wells and Third Bone Spring wells assigned to the Wolfbone Pool.

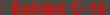
Green Text notates Owned by or Supporting Permian Resources Pooled Parties denoted and highlighted in yellow.

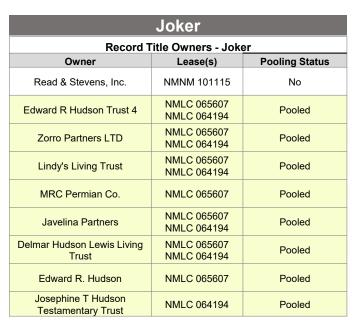
\*Status is of to best knowledge

### Overriding Royalty Interest Owners to be Pooled – All Cases

	ORRI Owner	S	
Owner Name	Status	Owner Name	Status
Jetstream Legacy Fun I Holdings, LP	Neutral	Riverbend Oil & Gas IX Investments, LLC	Neutral
AmeriPermian Holdings, LLC	Neutral	JPT Family JV #1, c/o The Thompson Co.	Neutral
Jetstream Legacy Fun I Holdings, LP	Neutral	Kaleb Smith	Neutral
CEP Minerals, LLC	Neutral	LMC Energy, LLC	Neutral
Roca Sello, LLC	Neutral	Lynne M. Romanchuk	Neutral
CRF Eckels	Neutral	MAP 92-96 MGD, c/o Mineral Acquistion Partners, Inc.	Neutral
Collin Permian, LP	R&S Support	MAP Holdings, c/o Mineral Acquisition Partners, Inc.	Neutral
Communities Foundation of Texas, Inc., c/o JPMorgan Chase Bank, N.A.	Neutral	Matt Hinkle, a/k/a Madison M. Hinkle	R&S Suppor
Crown Oil Partners V, LP	Neutral	Mavros Minerals II, LLC	Neutral
Crown Oil Partners, LP	Neutral	McMullen Minerals, LLC	Neutral
David W. Cromwell	R&S Support	Mike Moylett	R&S Suppor
Deane Duham	R&S Support	Motowi, LLC	Neutral
DNR Oil and Gas, Inc.	Neutral	MW Oil Investment Company, Inc.	Neutral
Jetstream Legacy Fun I Holdings, LP	Neutral	eutral Jetstream Legacy Fun I Holdings, LP	
Edward R. Hudson, Jr., and wife Ann F. Hudson	Neutral	Oak Valley Mineral and Land, LP	Neutral
Eileen M. Grooms, Trustee of the EMG Revocable Trust, U/A/D 11/01/2004	R&S Support	Pegasus Resources, LLC	Neutral
Elizabeth Jane Kay Family Trust, Elizabeth Jane Kay, Trustee	Neutral	Penroc Oil Corporation	R&S Suppo
Ergodic Resources Company	Neutral	Phillip D. Dunford	Neutral
Estate of Bruce C. Monroe, Deceased	Neutral	Pegasus Resources, LLC	Neutral
FFF, Inc.	Neutral	Pegasus Resources, LLC	Neutral
Frannifin, LLC	Neutral	Pumpkin Buttes LLC	Neutral
F. Andrew Grooms, SSP Trust U/A/D March 24, 2014	Neutral	Robert Edward Eckels, Jr., LLC	Neutral
Free Ride, LLC	Neutral	Rolla Hinkle III	R&S Suppor
Good News Minerals, LLC	Neutral	Rubie Crosby Bell Family, LLC	R&S Suppo
H. Jason Wacker	Neutral	S & E Royalty, LLC	Neutral
HOG Partnership, LP	Neutral	Schertz Energy, LLC	R&S Suppo
Hoshi Kanri LLC	Neutral	Slayton Investments, LLC	R&S Suppo
Jan C. Ice	R&S Support	Delmar Hudson Lewis Living Trust, Bank of America, N.A., Trustee	Neutral
Jan E. Mills Testamentary Trust, c/o JPMorgan Chase Bank, N.A.	Neutral	William N. Heiss Profit Sharing Plan	Neutral
TD Minerals, LLC	Neutral	Blue Star Royalty , LLC	Neutral
John C. Mills Testamentary Trust, c/o JP Morgan Chase Bank, N.A.	Neutral	Wyotex Oil Company	Neutral

\*United States of America owns 100% mineral interest across Joker & Bane Units \*Status is to of best knowledge





Bane									
Record Title Owners - Bane									
Owner Lease(s) Pooling Status									
Edward R Hudson Trust 4	NMLC 065607 NMLC 064194	Pooled							
Zorro Partners LTD	NMLC 065607 NMLC 064195	Pooled							
Lindy's Living Trust	NMLC 065607 NMLC 064196	Pooled							
MRC Permian Co.	NMLC 065607	Pooled							
Javelina Partners	NMLC 065607 NMLC 064194	Pooled							
Delmar Hudson Lewis Living Trust	NMLC 065607 NMLC 064195	Pooled							
Edward R. Hudson	NMLC 065607	Pooled							
Josephine T Hudson Testamentary Trust	NMLC 064194	Pooled							

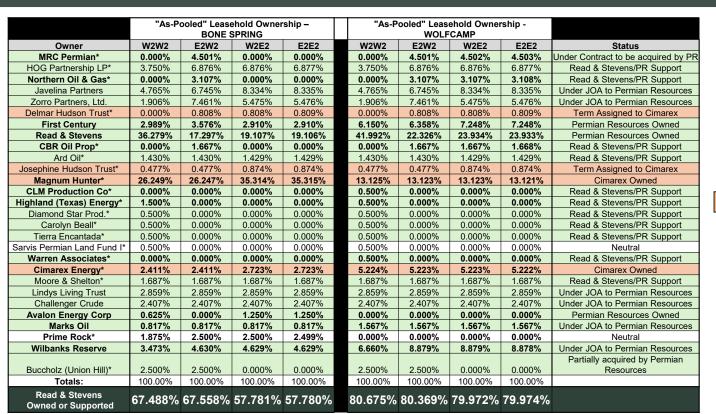
Pooled Parties denoted and highlighted in yellow.

Pooled Record Title Owners Exhibit – All Cases



### Joker – Unit Ownership Breakout

Bone Spring & Wolfcamp Formations (Sections 5 & 8)



#### **Permian Resources Plan Supports:**

- Meaningful development of Bone Spring Formation & Wolfcamp Formations backed by real-time data and scientific tests
- Protection of correlative rights
- Prevention of economic and resource waste
- Maximum resource and revenue recovery for all stakeholders

#### **Cimarex Plan Supports:**

- More simple assumption of easier development
- Violation of correlative rights
- Resource & economic waste of all stake holders
- Cimarex's allocation formula and development plan goes against equitable and long-standing statute and precedent of allocating production on a surface acreage basis.

Entities with a greater interest in the Bone Spring: Entities with a greater interest in the Wolfcamp: Entities with NO interest in the Bone Spring:

\*Asterisk denotes pooled party

Magnum Hunter (Cimarex), Highland, Avalon (PR), Prime Rock MRC, Northern, First Century (PR), Read & Stevens (PR), CBR, CLM Production, Warren Associates, Cimarex Energy, Marks Oil, Wilbanks Reserve CLM Production & Warren Associate

Green notates owned by or supports R&S Orange notates owned by or supports Cimarex

<sup>\*</sup>All ownership information updated from 2023 title opinions and reports \*Please note ownership differences between Bone Spring and Wolfcamp formations - BOLD

<sup>\*</sup>Contractual Rights separate

\*Status is of to best knowledge

Joker – Tract-by-Tract Ownership Breakout

Bone Spring Formation – including Bone Spring Pool and the Bone Spring portion of the Wolfbone Pool (Sections 5 & 8)

"Tract-by- Tract" Leasehold Ownership - BONE SPRING									
	Section 5: Lot 3 &	Section 5:	Section 5: Lot 4,		Section 5:		Section 8: W2, SAE-	Section 8:	
Owner	SENW	NE	SWNW	SW	SE	E2	SWNW	SWNW	Status
MRC Permian*	17.997%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Under Contract to be acquired by PR
HOG Partnership LP*	12.500%	12.500%	0.000%	5.000%	5.000%	5.000%	5.000%	5.000%	Read & Stevens/PR Support
Northern Oil & Gas*	12.422%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Javelina Partners	7.915%	14.269%	0.000%	6.354%	6.354%	6.354%	6.354%	6.354%	Under JOA to Permian Resources
Zorro Partners, Ltd.	22.212%	14.269%	0.000%	2.542%	2.542%	2.542%	2.542%	2.542%	Under JOA to Permian Resources
Delmar Hudson Trust*	3.232%	3.232%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Term Assigned to Cimarex
First Century	6.666%	0.000%	0.000%	3.436%	3.881%	3.881%	2.100%	10.741%	Permian Resources Owned
Read & Stevens	10.391%	10.391%	86.000%	21.209%	22.014%	22.014%	18.795%	19.414%	Permian Resources Owned
CBR Oil Prop*	6.666%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Ard Oil*	0.000%	0.000%	0.000%	1.906%	1.906%	1.906%	1.906%	1.906%	Read & Stevens/PR Support
Josephine Hudson Trust*	0.000%	1.589%	0.000%	0.635%	0.635%	0.635%	0.635%	0.635%	Term Assigned to Cimarex
Magnum Hunter*	0.000%	43.750%	0.000%	40.000%	32.500%	32.500%	32.500%	32.500%	Cimarex Owned
CLM Production Co*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Highland (Texas) Energy*	0.000%	0.000%	6.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Diamond Star Prod.*	0.000%	0.000%	2.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Carolyn Beall*	0.000%	0.000%	2.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Tierra Encantada*	0.000%	0.000%	2.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Sarvis Permian Land Fund I*	0.000%	0.000%	2.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Neutral
Warren Associates*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Neutral
Cimarex Energy*	0.000%	0.000%	0.000%	9.645%	10.895%	0.000%	0.000%	0.000%	Cimarex Owned
Moore & Shelton*	0.000%	0.000%	0.000%	2.250%	2.250%	2.250%	2.250%	2.250%	Read & Stevens/PR Support
Lindys Living Trust*	0.000%	0.000%	0.000%	3.813%	3.813%	3.813%	3.813%	3.813%	Under JOA to Permian Resources
Challenger Crude	0.000%	0.000%	0.000%	3.210%	3.210%	3.210%	3.210%	3.210%	Under JOA to Permian Resources
Avalon Energy Corp	0.000%	0.000%	0.000%	0.000%	5.000%	0.000%	0.000%	5.000%	Permian Resources Owned
Marks Oil	0.000%	0.000%	0.000%	0.000%	0.000%	1.634%	1.634%	1.634%	Under JOA to Permian Resources
Prime Rock*	0.000%	0.000%	0.000%	0.000%	0.000%	5.000%	5.000%	0.000%	Neutral
Wilbanks Reserve	0.000%	0.000%	0.000%	0.000%	0.000%	9.261%	9.261%	0.000%	Under JOA to Permian Resources
Buccholz (Union Hill)	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	5.000%	5.000%	Partially acquired by Permian Resources
Totals:	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

\*All ownership information updated from 2023 title opinions and reports \*Please note ownership differences between Bone Spring and Wolfcamp formations - BOLD \*Contractual Rights separate
\*Status is of to best knowledge

## Joker – Tract-by-Tract Ownership Breakout Wolfcamp Formation of Wolfbone Pool (Sections 5 & 8)

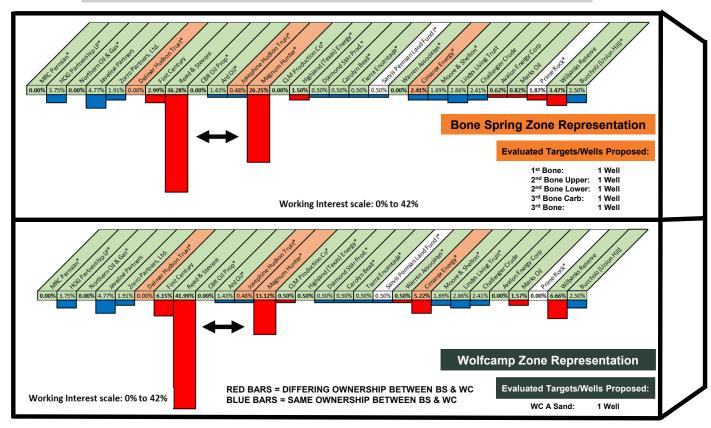
"Tract-by-Tract" <u>Leasehold</u> Ownership - WOLFCAMP										
	Section 5: Lot 3 &	Section 5:	,	Section 5:		Section 8:				
Owner	SENW	NE	SWNW	SW	SE	E2	SWNW	SWNW	Status	
MRC Permian*	17.997%	17.997%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Under Contract to be acquired by PR	
HOG Partnership LP*	12.500%	12.500%	0.000%	5.000%	5.000%	5.000%	5.000%	5.000%	Read & Stevens/PR Support	
Northern Oil & Gas*	12.422%	12.422%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support	
Javelina Partners	7.915%	14.269%	0.000%	6.354%	6.354%	6.354%	6.354%	6.354%	Under JOA to Permian Resources	
Zorro Partners, Ltd.	22.212%	14.269%	0.000%	2.542%	2.542%	2.542%	2.542%	2.542%	Under JOA to Permian Resources	
Delmar Hudson Trust*	3.232%	3.232%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Term Assigned to Cimarex	
First Century	6.666%	6.666%	0.000%	7.443%	7.443%	7.443%	5.662%	17.331%	Permian Resources Owned	
Read & Stevens	10.391%	10.391%	86.000%	28.452%	28.452%	28.452%	25.233%	31.325%	Permian Resources Owned	
CBR Oil Prop*	6.666%	6.666%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support	
Ard Oil*	0.000%	0.000%	0.000%	1.906%	1.906%	1.906%	1.906%	1.906%	Read & Stevens/PR Support	
Josephine Hudson Trust*	0.000%	1.589%	0.000%	0.635%	0.635%	0.635%	0.635%	0.635%	Term Assigned to Cimarex	
Magnum Hunter*	0.000%	0.000%	0.000%	17.500%	17.500%	17.500%	17.500%	17.500%	Cimarex Owned	
CLM Production Co*	0.000%	0.000%	2.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support	
Highland (Texas) Energy*	0.000%	0.000%	2.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support	
Diamond Star Prod.*	0.000%	0.000%	2.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support	
Carolyn Beall*	0.000%	0.000%	2.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support	
Tierra Encantada*	0.000%	0.000%	2.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support	
Sarvis Permian Land Fund I*	0.000%	0.000%	2.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Neutral	
Warren Associates*	0.000%	0.000%	2.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support	
Cimarex Energy*	0.000%	0.000%	0.000%	20.895%	20.895%	0.000%	0.000%	0.000%	Cimarex Owned	
Moore & Shelton*	0.000%	0.000%	0.000%	2.250%	2.250%	2.250%	2.250%	2.250%	Read & Stevens/PR Support	
Lindys Living Trust	0.000%	0.000%	0.000%	3.813%	3.813%	3.813%	3.813%	3.813%	Under JOA to Permian Resources	
Challenger Crude	0.000%	0.000%	0.000%	3.210%	3.210%	3.210%	3.210%	3.210%	Under JOA to Permian Resources	
Avalon Energy Corp	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Permian Resources Owned	
Marks Oil	0.000%	0.000%	0.000%	0.000%	0.000%	3.134%	3.134%	3.134%	Under JOA to Permian Resources	
Prime Rock*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Neutral	
Wilbanks Reserve	0.000%	0.000%	0.000%	0.000%	0.000%	17.761%	17.761%	0.000%	Under JOA to Permian Resources	
Buccholz (Union Hill)*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	5.000%	5.000%	Partially acquired by Permian Resources	
Totals:	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		

\*All ownership information updated from 2023 title opinions and reports
\*Please note ownership differences between Bone Spring and Wolfcamp formations - BOLD

\*Contractual Rights separate
\*Status is of to best knowledge

#### Joker – W2W2 Spacing Units Bone Spring & Wolfcamp Formations (Sections 5 & 8)

#### Joker - W2W2 of Sections 5 & 8 (320.01 Gross Acres) - LEASEHOLD DOI



\*All ownership information updated from 2023 title opinions and reports
\*Please note ownership differences between Bone Spring and Wolfcamp formations

\*Contractual Rights separate \*Asterisk denotes pooled party

# Joker – W2W2 Spacing Unit Bone Spring & Wolfcamp Formations (Sections 5 & 8)

#### Joker - W2W2 of Sections 4 & 9 (320.01 Gross Acres) - TRACT-BY-TRACT DOI

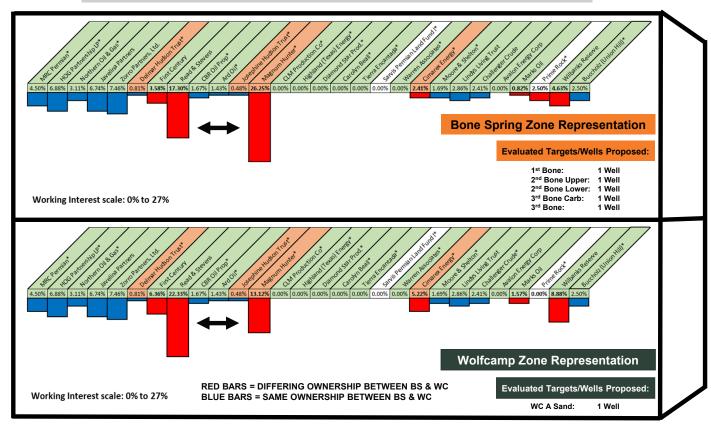
	Joker - W2W2	2 - BONE SPRING	- Tract-by-Trac	t DOI	Joker - W2W	/2 - WOLFCAN			
Owner	Section 5: Lot 4, SWNW	Section 5: W2SW	Section 8: W2SW, NWNW	Section 8: SWNW	Section 5: Lot 4, SWNW	Section 5: W2SW	Section 8: W2SW, NWNW	Section 8: SWNW	Status
MRC Permian*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Under Contract to be acquired by PR
HOG Partnership LP*	0.000%	5.000%	5.000%	5.000%	0.000%	5.000%	5.000%	5.000%	Read & Stevens/PR Support
Northern Oil & Gas*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Javelina Partners	0.000%	6.354%	6.354%	6.354%	0.000%	6.354%	6.354%	6.354%	Under JOA to Permian Resources
Zorro Partners, Ltd.	0.000%	2.542%	2.542%	2.542%	0.000%	2.542%	2.542%	2.542%	Under JOA to Permian Resources
Delmar Hudson Trust*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Term Assigned to Cimarex
First Century	0.000%	3.436%	2.100%	10.741%	0.000%	7.443%	5.662%	17.331%	Permian Resources Owned
Read & Stevens	86.000%	21.209%	18.795%	19.414%	86.000%	28.452%	25.233%	31.325%	Permian Resources Owned
CBR Oil Prop*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Ard Oil*	0.000%	1.906%	1.906%	1.906%	0.000%	1.906%	1.906%	1.906%	Read & Stevens/PR Support
Josephine Hudson Trust*	0.000%	0.635%	0.635%	0.635%	0.000%	0.635%	0.635%	0.635%	Term Assigned to Cimarex
Magnum Hunter*	0.000%	40.000%	32.500%	32.500%	0.000%	17.500%	17.500%	17.500%	Cimarex Owned
CLM Production Co*	0.000%	0.000%	0.000%	0.000%	2.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Highland (Texas) Energy*	6.000%	0.000%	0.000%	0.000%	2.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Diamond Star Prod.*	2.000%	0.000%	0.000%	0.000%	2.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Carolyn Beall*	2.000%	0.000%	0.000%	0.000%	2.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Tierra Encantada*	2.000%	0.000%	0.000%	0.000%	2.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Sarvis Permian Fund I*	2.000%	0.000%	0.000%	0.000%	2.000%	0.000%	0.000%	0.000%	Neutral
Warren Associates*	0.000%	0.000%	0.000%	0.000%	2.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Cimarex Energy*	0.000%	9.645%	0.000%	0.000%	0.000%	20.895%	0.000%	0.000%	Cimarex Owned
Moore & Shelton*	0.000%	2.250%	2.250%	2.250%	0.000%	2.250%	2.250%	2.250%	Read & Stevens/PR Support
Lindys Living Trust	0.000%	3.813%	3.813%	3.813%	0.000%	3.813%	3.813%	3.813%	Under JOA to Permian Resources
Challenger Crude	0.000%	3.210%	3.210%	3.210%	0.000%	3.210%	3.210%	3.210%	Under JOA to Permian Resources
Avalon Energy Corp	0.000%	0.000%	0.000%	5.000%	0.000%	0.000%	0.000%	0.000%	Permian Resources Owned
Marks Oil	0.000%	0.000%	1.634%	1.634%	0.000%	0.000%	3.134%	3.134%	Under JOA to Permian Resources
Prime Rock*	0.000%	0.000%	5.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Neutral
Wilbanks Reserve	0.000%	0.000%	9.261%	0.000%	0.000%	0.000%	17.761%	0.000%	Under JOA to Permian Resources
Buccholz (Union Hill)*	0.000%	0.000%	5.000%	5.000%	0.000%	0.000%	5.000%	5.000%	Partially acquired by PR
Totals:	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

\*All ownership information updated from 2023 title opinions and reports
\*Please note ownership differences between Bone Spring and Wolfcamp formations

\*Contractual Rights separate
\*Asterisk denotes pooled party

# Joker – E2W2 Spacing Units Bone Spring & Wolfcamp Formations (Sections 5 & 8)

#### Joker - E2W2 of Sections 5 & 8 (320.04 Gross Acres) - LEASEHOLD DOI



\*All ownership information updated from 2023 title opinions and reports

\*Contractual Rights separate
\*Asterisk denotes pooled party

## Joker – E2W2 Spacing Units Bone Spring & Wolfcamp Formations (Sections 5 & 8)

#### Joker - E2W2 of Sections 4 & 9 (320.04 Gross Acres) - TRACT-BY-TRACT DOI

	Joker - E2W2 - BON	IE SPRING - Trac	t-by-Tract DOI	Joker - E2W2 - V	WOLFCAMP - Tra		
	Section 5: Lot 3 &	Section 5:	Section 8:	Section 5:	Section 5:	Section 8:	
Owner	SENW	E2SW	E2W2	Lot 3 & SENW	E2SW	E2W2	Status
MRC Permian*	17.997%	0.000%	0.000%	17.997%	0.000%	0.000%	Under Contract to be acquired by PR
HOG Partnership LP*	12.500%	5.000%	5.000%	12.500%	5.000%	5.000%	Read & Stevens/PR Support
Northern Oil & Gas*	12.422%	0.000%	0.000%	12.422%	0.000%	0.000%	Read & Stevens/PR Support
Javelina Partners	7.915%	6.354%	6.354%	7.915%	6.354%	6.354%	Under JOA to Permian Resources
Zorro Partners, Ltd.	22.212%	2.542%	2.542%	22.212%	2.542%	2.542%	Under JOA to Permian Resources
Delmar Hudson Trust*	3.232%	0.000%	0.000%	3.232%	0.000%	0.000%	Term Assigned to Cimarex
First Century	6.666%	3.436%	2.100%	6.666%	7.443%	5.662%	Permian Resources Owned
Read & Stevens	10.391%	21.209%	18.795%	10.391%	28.452%	25.233%	Permian Resources Owned
CBR Oil Prop*	6.666%	0.000%	0.000%	6.666%	0.000%	0.000%	Read & Stevens/PR Support
Ard Oil*	0.000%	1.906%	1.906%	0.000%	1.906%	1.906%	Read & Stevens/PR Support
Josephine Hudson Trust*	0.000%	0.635%	0.635%	0.000%	0.635%	0.635%	Term Assigned to Cimarex
Magnum Hunter*	0.000%	40.000%	32.500%	0.000%	17.500%	17.500%	Cimarex Owned
CLM Production Co*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Highland (Texas) Energy*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Diamond Star Prod.*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Carolyn Beall*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Tierra Encantada*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Sarvis Permian Fund I*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Neutral
Warren Associates*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Cimarex Energy*	0.000%	9.645%	0.000%	0.000%	20.895%	0.000%	Cimarex Owned
Moore & Shelton*	0.000%	2.250%	2.250%	0.000%	2.250%	2.250%	Read & Stevens/PR Support
Lindys Living Trust	0.000%	3.813%	3.813%	0.000%	3.813%	3.813%	Under JOA to Permian Resources
Challenger Crude	0.000%	3.210%	3.210%	0.000%	3.210%	3.210%	Neutral
Avalon Energy Corp	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Permian Resources Owned
Marks Oil	0.000%	0.000%	1.634%	0.000%	0.000%	3.134%	Under JOA to Permian Resources
Prime Rock*	0.000%	0.000%	5.000%	0.000%	0.000%	0.000%	Neutral
Wilbanks Reserve	0.000%	0.000%	9.261%	0.000%	0.000%	17.761%	Under JOA to Permian Resources
Buccholz (Union Hill)*	0.000%	0.000%	5.000%	0.000%	0.000%	5.000%	Partially acquired by PR
Totals:	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

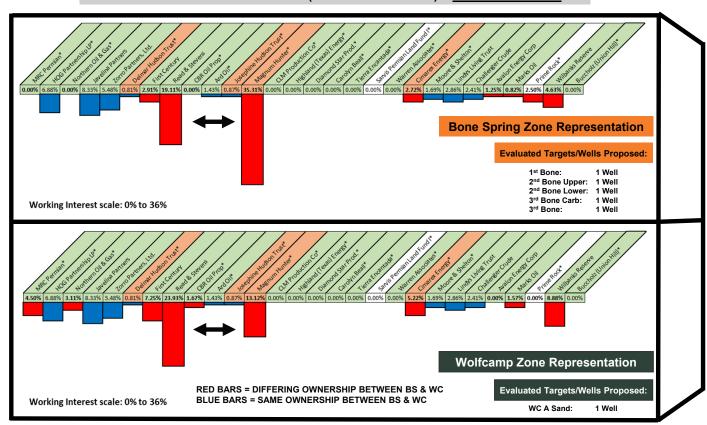
\*All ownership information updated from 2023 title opinions and reports
\*Please note ownership differences between Bone Spring and Wolfcamp formations

\*Contractual Rights separate \*Asterisk denotes pooled party

-Green notates owned by or supports R&S

## Joker – W2E2 Spacing Unit Bone Spring & Wolfcamp Formations (Sections 5 & 8)

#### Joker - W2E2 of Sections 5 & 8 (320.06 Gross Acres) - LEASEHOLD DOI



\*All ownership information updated from 2023 title opinions and reports
\*Please note ownership differences between Bone Spring and Wolfcamp formations

\*Contractual Rights separate \*Asterisk denotes pooled party

## Joker – W2E2 Spacing Units Bone Spring & Wolfcamp Formations (Sections 5 & 8)

#### Joker – W2E2 of Sections 4 & 9 (320.06 Gross Acres) – TRACT-BY-TRACT DOI

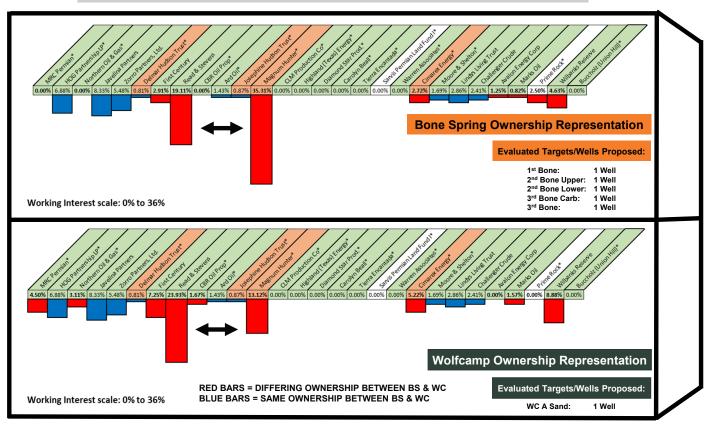
	Joker - W2E2 - BON	E SPRING - Tract	t-by-Tract DOI	Joker - W2E2 - W	OLFCAMP - Trac	t-by-Tract DOI	
		Section 5:	Section 8:		Section 5:	Section 8:	
Owner	Section 5: W2NE	W2SE	W2E2	Section 5: W2NE	W2SE	W2E2	Status
MRC Permian*	0.000%	0.000%	0.000%	17.997%	0.000%	0.000%	Under Contract to be acquired by PR
HOG Partnership LP*	12.500%	5.000%	5.000%	12.500%	5.000%	5.000%	Read & Stevens/PR Support
Northern Oil & Gas*	0.000%	0.000%	0.000%	12.422%	0.000%	0.000%	Read & Stevens/PR Support
Javelina Partners	14.269%	6.354%	6.354%	14.269%	6.354%	6.354%	Under JOA to Permian Resources
Zorro Partners, Ltd.	14.269%	2.542%	2.542%	14.269%	2.542%	2.542%	Under JOA to Permian Resources
Delmar Hudson Trust*	3.232%	0.000%	0.000%	3.232%	0.000%	0.000%	Term Assigned to Cimarex
First Century	0.000%	3.881%	3.881%	6.666%	7.443%	7.443%	Permian Resources Owned
Read & Stevens	10.391%	22.014%	22.014%	10.391%	28.452%	28.452%	Permian Resources Owned
CBR Oil Prop*	0.000%	0.000%	0.000%	6.666%	0.000%	0.000%	Read & Stevens/PR Support
Ard Oil*	0.000%	1.906%	1.906%	0.000%	1.906%	1.906%	Read & Stevens/PR Support
Josephine Hudson Trust*	1.589%	0.635%	0.635%	1.589%	0.635%	0.635%	Term Assigned to Cimarex
Magnum Hunter*	43.750%	32.500%	32.500%	0.000%	17.500%	17.500%	Cimarex Owned
CLM Production Co*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Highland (Texas) Energy*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Diamond Star Prod.*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Carolyn Beall*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Tierra Encantada*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Sarvis Permian Land Fund I*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Neutral
Warren Associates*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support
Cimarex Energy*	0.000%	10.895%	0.000%	0.000%	20.895%	0.000%	Cimarex Owned
Moore & Shelton*	0.000%	2.250%	2.250%	0.000%	2.250%	2.250%	Read & Stevens/PR Support
Lindys Living Trust	0.000%	3.813%	3.813%	0.000%	3.813%	3.813%	Under JOA to Permian Resources
Challenger Crude	0.000%	3.210%	3.210%	0.000%	3.210%	3.210%	Under JOA to Permian Resources
Avalon Energy Corp	0.000%	5.000%	0.000%	0.000%	0.000%	0.000%	Permian Resources Owned
Marks Oil	0.000%	0.000%	1.634%	0.000%	0.000%	3.134%	Under JOA to Permian Resources
Prime Rock*	0.000%	0.000%	5.000%	0.000%	0.000%	0.000%	Neutral
Wilbanks Reserve	0.000%	0.000%	9.261%	0.000%	0.000%	17.761%	Under JOA to Permian Resources
Buccholz (Union Hill)*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Partially acquired by PR
Totals:	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	

\*All ownership information updated from 2023 title opinions and reports
\*Please note ownership differences between Bone Spring and Wolfcamp formations

\*Contractual Rights separate \*Asterisk denotes pooled party

## Joker – E2E2 Spacing Units Bone Spring & Wolfcamp Formations (Sections 5 & 8)

#### Joker - E2E2 of Sections 5 & 8 (320.09 Gross Acres) - LEASEHOLD DOI



\*All ownership information updated from 2023 title opinions and reports \*Please note ownership differences between Bone Spring and Wolfcamp formations \*Contractual Rights separate
\*Asterisk denotes pooled party

Green notates owned by or supports R&S Orange notates owned by or supports Cimarex

## Joker – E2E2 Spacing Units Bone Spring & Wolfcamp Formations (Sections 5 & 8)

#### Joker - E2E2 of Sections 4 & 9 (320.09 Gross Acres) - TRACT-BY-TRACT DOI

Joker - E2E2 - BONE SPRING - Tract-by-Tract DOI Joker - E2E2 - WOLFCAMP - Tract-by-Tract DOI									
Owner	Section 5: E2NE	Section 5: E2SE	Section 8: E2E2	Section 5: E2NE	Section 5: E2SE	Section 8: E2E2	Status		
MRC Permian*	0.000%	0.000%	0.000%	17.997%	0.000%	0.000%	Under Contract to be acquired by PR		
HOG Partnership LP*	12.500%	5.000%	5.000%	12.500%	5.000%	5.000%	Read & Stevens/PR Support		
Northern Oil & Gas*	0.000%	0.000%	0.000%	12.422%	0.000%	0.000%	Read & Stevens/PR Support		
Javelina Partners*	14.269%	6.354%	6.354%	14.269%	6.354%	6.354%	Under JOA to Permian Resources		
Zorro Partners, Ltd.*	14.269%	2.542%	2.542%	14.269%	2.542%	2.542%	Under JOA to Permian Resources		
Delmar Hudson Trust*	3.232%	0.000%	0.000%	3.232%	0.000%	0.000%	Term Assigned to Cimarex		
First Century	0.000%	3.881%	3.881%	6.666%	7.443%	7.443%	Permian Resources Owned		
Read & Stevens	10.391%	22.014%	22.014%	10.391%	28.452%	28.452%	Permian Resources Owned		
CBR Oil Prop*	0.000%	0.000%	0.000%	6.666%	0.000%	0.000%	Read & Stevens/PR Support		
Ard Oil*	0.000%	1.906%	1.906%	0.000%	1.906%	1.906%	Read & Stevens/PR Support		
Josephine Hudson Trust*	1.589%	0.635%	0.635%	1.589%	0.635%	0.635%	Term Assigned to Cimarex		
Magnum Hunter*	43.750%	32.500%	32.500%	0.000%	17.500%	17.500%	Cimarex Owned		
CLM Production Co*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support		
Highland (Texas) Energy*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support		
Diamond Star Prod.*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support		
Carolyn Beall*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support		
Tierra Encantada*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support		
Sarvis Permian Land Fund I*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Neutral		
Warren Associates*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Read & Stevens/PR Support		
Cimarex Energy*	0.000%	10.895%	0.000%	0.000%	20.895%	0.000%	Cimarex Owned		
Moore & Shelton*	0.000%	2.250%	2.250%	0.000%	2.250%	2.250%	Read & Stevens/PR Support		
Lindys Living Trust	0.000%	3.813%	3.813%	0.000%	3.813%	3.813%	Under JOA to Permian Resources		
Challenger Crude	0.000%	3.210%	3.210%	0.000%	3.210%	3.210%	Under JOA to Permian Resources		
Avalon Energy Corp	0.000%	5.000%	0.000%	0.000%	0.000%	0.000%	Permian Resources Owned		
Marks Oil	0.000%	0.000%	1.634%	0.000%	0.000%	3.134%	Under JOA to Permian Resources		
Prime Rock*	0.000%	0.000%	5.000%	0.000%	0.000%	0.000%	Neutral		
Wilbanks Reserve	0.000%	0.000%	9.261%	0.000%	0.000%	17.761%	Under JOA to Permian Resources		
Buccholz (Union Hill)*	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	Partially acquired by PR		
Totals:	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%			

\*All ownership information updated from 2023 title opinions and reports
\*Please note ownership differences between Bone Spring and Wolfcamp formations

\*Contractual Rights separate
\*Asterisk denotes pooled party

Green notates owned by or supports R&S Orange notates owned by or supports Cimarex

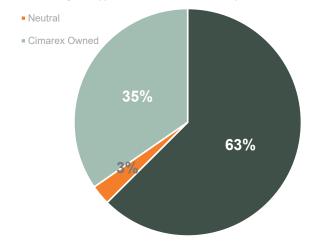
## Joker - Support or Control Strongly Favors Permian Resources



- Overwhelming majority of the parties support Permian Resources Development Plan. Permian Resources has between 27%-61% more working interest support than Coterra in the Joker Unit
- To our knowledge NO third party working interest owner currently supports Cimarex's plan of development
- Several sizable owners have executed a JOA naming Permian Resources as the Operator or issued letters of support throughout the intervening years prior to this hearing, including working interest owners who previously supported Coterra, such as Zorro and Javalina

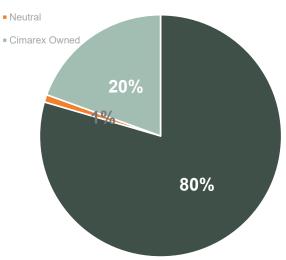






## Joker - Wolfcamp



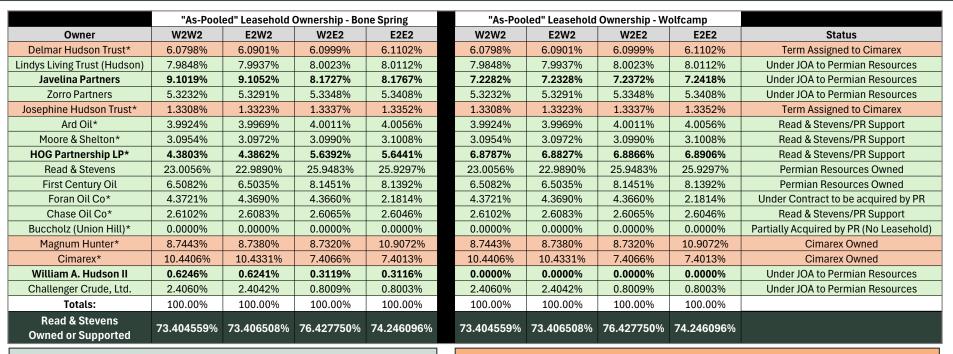


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\*Percentages represented are on the charts are averages across the entirety of the two sections comprising the Joker acreage.

## Bane - Ownership Breakout

Bone Spring & Wolfcamp Formations (Sections 4 & 9)



#### Permian Resources Plan Supports:

- Meaningful development of Bone Spring Formation & Wolfcamp Formations backed by real-time data and scientific tests
- Protection of correlative rights
- Prevention of economic and resource waste
- Maximum resource and revenue recovery for all stakeholders

#### Cimarex Plan Supports:

- More simple assumption of easier development plan
- Violation of correlative rights
- Resource & economic waste of all stake holders
- Cimarex's allocation formula and development plan goes against equitable and longstanding statute and precedent of allocating production on a surface acreage basis.

\*Please note ownership differences between Bone Spring and Wolfcamp formations - BOLD \*Union Hill interest Contractual only in Bane

Asterisk denotes pooled party Status is of to best knowledge Contractual Rights separate

Green notates owned by or supports R&S Orange notates owned by or supports Cimarex 27

# Bane - Ownership Breakout Bone Spring Formations (Sections 4 & 9)



	"Tract-by-Tract" Leasehold Ownership - Bone Spring									
		Section 4:								
	Section 4:	N2S2, S2SW,	Section 4:	Section 9:	Section 9:	Section				
Owner	N/2 Equiv.	SWSE	SESE	W2	SE	9: NE	Status			
Delmar Hudson Trust*	20.4688%	3.8125%	3.8125%	0.0000%	0.0000%	0.0000%	Term Assigned to Cimarex			
Lindys Living Trust (Hudson)	20.4688%	3.8125%	3.8125%	3.8125%	3.8125%	3.8125%	Under JOA to Permian Resources			
Javelina Partners	13.6458%	2.5417%	2.5417%	10.1042%	6.3542%	10.1042%	Under JOA to Permian Resources			
Zorro Partners	13.6458%	2.5417%	2.5417%	2.5417%	2.5417%	2.5417%	Under JOA to Permian Resources			
Josephine Hudson Trust*	3.4115%	0.6354%	0.6354%	0.6354%	0.6354%	0.6354%	Term Assigned to Cimarex			
Ard Oil*	10.2344%	1.9063%	1.9063%	1.9063%	1.9063%	1.9063%	Read & Stevens/PR Support			
Moore & Shelton*	5.6250%	2.2500%	2.2500%	2.2500%	2.2500%	2.2500%	Read & Stevens/PR Support			
HOG Partnership LP*	12.5000%	5.0000%	5.0000%	0.0000%	5.0000%	0.0000%	Read & Stevens/PR Support			
Read & Stevens	0.0000%	35.1783%	35.1783%	28.4522%	35.1188%	33.7104%	Permian Resources Owned			
First Century Oil	0.0000%	11.1642%	11.1642%	7.4428%	11.1313%	10.3521%	Permian Resources Owned			
Foran Oil Co*	0.0000%	17.5000%	0.0000%	0.0000%	0.0000%	0.0000%	Under Contract to be acquired by PR			
Chase Oil Co*	0.0000%	10.4475%	10.4475%	0.0000%	0.0000%	0.0000%	Read & Stevens/PR Support			
Buccholz (Union Hill)*	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	Partially Acquired by PR (No Leasehold)			
Magnum Hunter*	0.0000%	0.0000%	17.5000%	17.5000%	17.5000%	17.5000%	Cimarex Owned			
Cimarex*	0.0000%	0.0000%	0.0000%	20.8950%	13.7500%	15.9375%	Cimarex Owned			
William A. Hudson II	0.0000%	0.0000%	0.0000%	1.2500%	0.0000%	1.2500%	Under JOA to Permian Resources			
Challenger Crude, Ltd.	0.0000%	3.2101%	3.2101%	3.2101%	0.0000%	0.0000%	Under JOA to Permian Resources			
Totals:	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%				

<sup>\*</sup>All ownership information updated from 2023 title opinions and reports

\*Please note ownership differences between Bone Spring and Wolfcamp formations - BOLD

\*Union Hill interest Contractual only in Bane

<sup>\*</sup>Asterisk denotes pooled party
\*Status is of to best knowledge
\*Contractual Rights separate

Green notates owned by or supports R&S Orange notates owned by or supports Cimarex

# Bane - Ownership Breakout Wolfcamp Formations (Sections 4 & 9)



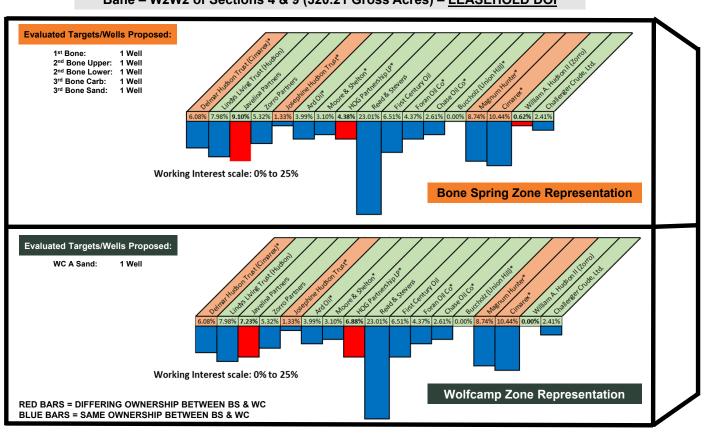
	"Tract-by-Tract" Leasehold Ownership - WOLFCAMP										
		Section 4:									
	Sec 4:	N2S2, S2SW,	Section 4:	Section 9:	Section 9:	Section 9:					
Owner	N/2 Equiv.	SWSE	SESE	W2	SE	NE	Status				
Delmar Hudson Trust*	20.4688%	3.8125%	3.8125%	0.0000%	0.0000%	0.0000%	Term Assigned to Cimarex				
Lindys Living Trust (Hudson)	20.4688%	3.8125%	3.8125%	3.8125%	3.8125%	3.8125%	Under JOA to Permian Resources				
Javelina Partners	13.6458%	2.5417%	2.5417%	6.3542%	6.3542%	6.3542%	Under JOA to Permian Resources				
Zorro Partners	13.6458%	2.5417%	2.5417%	2.5417%	2.5417%	2.5417%	Under JOA to Permian Resources				
Josephine Hudson Trust*	3.4115%	0.6354%	0.6354%	0.6354%	0.6354%	0.6354%	Term Assigned to Cimarex				
Ard Oil*	10.2344%	1.9063%	1.9063%	1.9063%	1.9063%	1.9063%	Read & Stevens/PR Support				
Moore & Shelton*	5.6250%	2.2500%	2.2500%	2.2500%	2.2500%	2.2500%	Read & Stevens/PR Support				
HOG Partnership LP*	12.5000%	5.0000%	5.0000%	5.0000%	5.0000%	5.0000%	Read & Stevens/PR Support				
Read & Stevens	0.0000%	35.1783%	35.1783%	28.4522%	35.1188%	33.7104%	Permian Resources Owned				
First Century Oil	0.0000%	11.1642%	11.1642%	7.4428%	11.1313%	10.3521%	Permian Resources Owned				
Foran Oil Co*	0.0000%	17.5000%	0.0000%	0.0000%	0.0000%	0.0000%	Under Contract to be acquired by PR				
Chase Oil Co*	0.0000%	10.4475%	10.4475%	0.0000%	0.0000%	0.0000%	Read & Stevens/PR Support				
Buccholz (Union Hill)*	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	Partially Acquired by PR (No Leasehold)				
Magnum Hunter*	0.0000%	0.0000%	17.5000%	17.5000%	17.5000%	17.5000%	Cimarex Owned				
Cimarex*	0.0000%	0.0000%	0.0000%	20.8950%	13.7500%	15.9375%	Cimarex Owned				
William A. Hudson II	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	Under JOA to Permian Resources				
Challenger Crude, Ltd.	0.0000%	3.2101%	3.2101%	3.2101%	0.0000%	0.0000%	Under JOA to Permian Resources				
Totals:	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%					

\*All ownership information updated from 2023 title opinions and reports
\*Please note ownership differences between Bone Spring and Wolfcamp formations - BOLD

\*Asterisk denotes pooled party
\*Status is of to best knowledge

# Bane – W2W2 Spacing Units Bone Spring & Wolfcamp Formations (Sections 4 & 9)

## Bane – W2W2 of Sections 4 & 9 (320.21 Gross Acres) – <u>LEASEHOLD DOI</u>



\*All ownership information updated from 2023 title opinions and reports
\*Please note ownership differences between Bone Spring and Wolfcamp formations

\*Contractual Rights separate \*Asterisk denotes pooled party

# Bane – W2W2 Spacing Units Bone Spring & Wolfcamp Formations (Sections 4 & 9)



#### Bane - W2W2 of Sections 4 & 9 (320.21 Gross Acres) - TRACT-BY-TRACT DOI

### **Bone Spring**

	Bane - W2W2	- BONE SPRING	G - Tract-by-Tra	ct DOI						
	Sec 4: Lot 4,	Section 4:	Section 9:							
Owner	SWNW	W2SW	W2W2	Status						
Delmar Hudson Trust*	20.4688%	3.8125%	0.0000%	Term Assigned to Cimarex						
Lindys Living Trust (Hudson)	20.4688%	3.8125%	3.8125%	Under JOA to Permian Resources						
Javelina Partners	13.6458%	2.5417%	10.1042%	Under JOA to Permian Resources						
Zorro Partners	13.6458%	2.5417%	2.5417%	Under JOA to Permian Resources						
Josephine Hudson Trust*	3.4115%	0.6354%	0.6354%	Term Assigned to Cimarex						
Ard Oil*	10.2344%	1.9063%	1.9063%	Read & Stevens/PR Support						
Moore & Shelton*	5.6250%	2.2500%	2.2500%	Read & Stevens/PR Support						
HOG Partnership LP*	12.5000%	5.0000%	0.0000%	Read & Stevens/PR Support						
Read & Stevens	0.0000%	35.1783%	28.4522%	Permian Resources Owned						
First Century Oil	0.0000%	11.1642%	7.4428%	Permian Resources Owned						
Foran Oil Co*	0.0000%	17.5000%	0.0000%	Under Contract to be acquired by PR						
Chase Oil Co*	0.0000%	10.4475%	0.0000%	Read & Stevens/PR Support						
Buccholz (Union Hill)	0.0000%	0.0000%	0.0000%	Partially Acquired by PR						
Magnum Hunter*	0.0000%	0.0000%	17.5000%	Cimarex Owned						
Cimarex*	0.0000%	0.0000%	20.8950%	Cimarex Owned						
William A. Hudson II	0.0000%	0.0000%	1.2500%	Under JOA to Permian Resources						
Challenger Crude, Ltd.	0.0000%	3.2101%	3.2101%	Under JOA to Permian Resources						
Totals:	100.00%	100.00%	100.00%							

## Wolfcamp

Bane - W2W2 - WOLFCAMP - Tract-by-Tract DOI										
	Sec 4: Lot 4,	Section 4:	Section 9:							
Owner	SWNW	W2SW	W2W2	Status						
Delmar Hudson Trust*	20.4688%	3.8125%	0.0000%	Term Assigned to Cimarex						
Lindys Living Trust (Hudson)	20.4688%	3.8125%	3.8125%	Under JOA to Permian Resources						
Javelina Partners	13.6458%	2.5417%	6.3542%	Under JOA to Permian Resources						
Zorro Partners	13.6458%	2.5417%	2.5417%	Under JOA to Permian Resources						
Josephine Hudson Trust*	3.4115%	0.6354%	0.6354%	Term Assigned to Cimarex						
Ard Oil*	10.2344%	1.9063%	1.9063%	Read & Stevens/PR Support						
Moore & Shelton*	5.6250%	2.2500%	2.2500%	Read & Stevens/PR Support						
HOG Partnership LP*	12.5000%	5.0000%	5.0000%	Read & Stevens/PR Support						
Read & Stevens	0.0000%	35.1783%	28.4522%	Permian Resources Owned						
First Century Oil	0.0000%	11.1642%	7.4428%	Permian Resources Owned						
Foran Oil Co*	0.0000%	17.5000%	0.0000%	Under Contract to be acquired by PR						
Chase Oil Co*	0.0000%	10.4475%	0.0000%	Read & Stevens/PR Support						
Buccholz (Union Hill)	0.0000%	0.0000%	0.0000%	Partially Acquired by PR						
Magnum Hunter*	0.0000%	0.0000%	17.5000%	Cimarex Owned						
Cimarex*	0.0000%	0.0000%	20.8950%	Cimarex Owned						
William A. Hudson II	0.0000%	0.0000%	0.0000%	Under JOA to Permian Resources						
Challenger Crude, Ltd.	0.0000%	3.2101%	3.2101%	Under JOA to Permian Resources						
Totals:	100.00%	100.00%	100.00%							

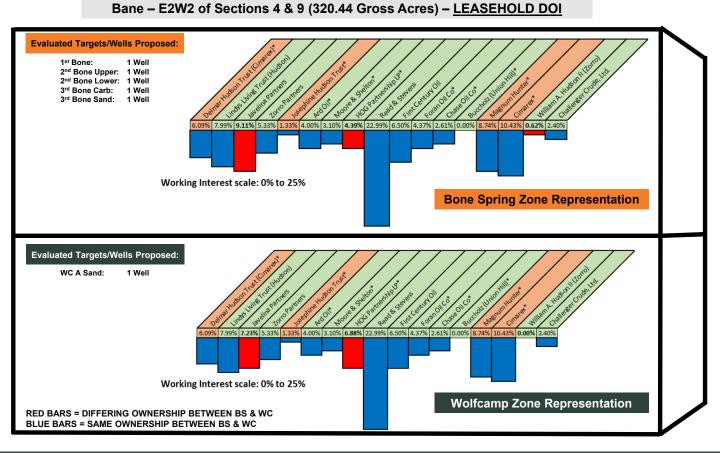
\*All ownership information updated from 2023 title opinions and reports
\*Please note ownership differences between Bone Spring and Wolfcamp formations

\*Contractual Rights separate \*Asterisk denotes pooled party Green notates owned by or supports R&S
Orange notates owned by or supports Cimarex

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## Bane – E2W2 Equivalent – Cases 23509 & 23513 Bone Spring & Wolfcamp Formations (Sections 4 & 9)

## FOWO - 5 O - 4 1 0 0 (000 44 O - - - 4 - - - - ) - 1 FAOFIJOLD DOL



\*All ownership information updated from 2023 title opinions and reports \*Please note ownership differences between Bone Spring and Wolfcamp formations

\*Contractual Rights separate
\*Asterisk denotes pooled party

# Bane – E2W2 Spacing Units Bone Spring & Wolfcamp Formations (Sections 4 & 9)

# PR

### Bane - E2W2 of Sections 4 & 9 (320.44 Gross Acres) - TRACT-BY-TRACT DOI

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	Bane - E2W2	- BONE SPRING	i - Tract-by-Tra	ct DOI					
	Sec 4: Lot 3,	Section 4:	Section 9:						
Owner	SENW	E2SW	E2W2	Status					
Delmar Hudson Trust*	20.4688%	3.8125%	0.0000%	Term Assigned to Cimarex					
Lindys Living Trust (Hudson)	20.4688%	3.8125%	3.8125%	Under JOA to Permian Resources					
Javelina Partners	13.6458%	2.5417%	10.1042%	Under JOA to Permian Resources					
Zorro Partners	13.6458%	2.5417%	2.5417%	Under JOA to Permian Resources					
Josephine Hudson Trust*	3.4115%	0.6354%	0.6354%	Term Assigned to Cimarex					
Ard Oil*	10.2344%	1.9063%	1.9063%	Read & Stevens/PR Support					
Moore & Shelton*	5.6250%	2.2500%	2.2500%	Read & Stevens/PR Support					
HOG Partnership LP*	12.5000%	5.0000%	0.0000%	Read & Stevens/PR Support					
Read & Stevens	0.0000%	35.1783%	28.4522%	Permian Resources Owned					
First Century Oil	0.0000%	11.1642%	7.4428%	Permian Resources Owned					
Foran Oil Co*	0.0000%	17.5000%	0.0000%	Under Contract to be acquired by PR					
Chase Oil Co*	0.0000%	10.4475%	0.0000%	Read & Stevens/PR Support					
Buccholz (Union Hill)	0.0000%	0.0000%	0.0000%	Partially Acquired by PR					
Magnum Hunter*	0.0000%	0.0000%	17.5000%	Cimarex Owned					
Cimarex*	0.0000%	0.0000%	20.8950%	Cimarex Owned					
William A. Hudson II	0.0000%	0.0000%	1.2500%	Under JOA to Permian Resources					
Challenger Crude, Ltd.	0.0000%	3.2101%	3.2101%	Under JOA to Permian Resources					
Totals:	100.00%	100.00%	100.00%						

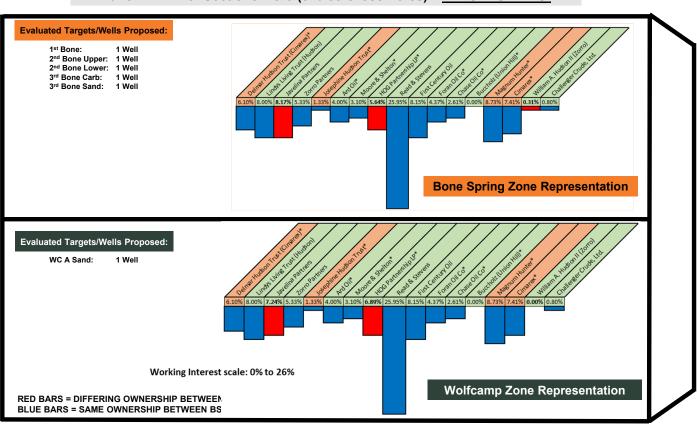
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	Bane - E2W2 - WOLFCAMP - Tract-by-Tract DOI										
	Sec 4: Lot 3,	Section 4:	Section 9:								
Owner	SENW	E2SW	E2W2	Status							
Delmar Hudson Trust*	20.4688%	3.8125%	0.0000%	Term Assigned to Cimarex							
Lindys Living Trust (Hudson)	20.4688%	3.8125%	3.8125%	Under JOA to Permian Resources							
Javelina Partners	13.6458%	2.5417%	6.3542%	Under JOA to Permian Resources							
Zorro Partners	13.6458%	2.5417%	2.5417%	Under JOA to Permian Resources							
Josephine Hudson Trust*	3.4115%	0.6354%	0.6354%	Term Assigned to Cimarex							
Ard Oil*	10.2344%	1.9063%	1.9063%	Read & Stevens/PR Support							
Moore & Shelton*	5.6250%	2.2500%	2.2500%	Read & Stevens/PR Support							
HOG Partnership LP*	12.5000%	5.0000%	5.0000%	Read & Stevens/PR Support							
Read & Stevens	0.0000%	35.1783%	28.4522%	Permian Resources Owned							
First Century Oil	0.0000%	11.1642%	7.4428%	Permian Resources Owned							
Foran Oil Co*	0.0000%	17.5000%	0.0000%	Under Contract to be acquired by PR							
Chase Oil Co*	0.0000%	10.4475%	0.0000%	Read & Stevens/PR Support							
Buccholz (Union Hill)	0.0000%	0.0000%	0.0000%	Partially Acquired by PR							
Magnum Hunter*	0.0000%	0.0000%	17.5000%	Cimarex Owned							
Cimarex*	0.0000%	0.0000%	20.8950%	Cimarex Owned							
William A. Hudson II	0.0000%	0.0000%	0.0000%	Under JOA to Permian Resources							
Challenger Crude, Ltd.	0.0000%	3.2101%	3.2101%	Under JOA to Permian Resources							
Totals:	100.00%	100.00%	100.00%								

<sup>\*</sup>All ownership information updated from 2023 title opinions and reports
\*Please note ownership differences between Bone Spring and Wolfcamp formations

# Bane – W2E2 Spacing Units Bone Spring & Wolfcamp Formations (Sections 4 & 9)

## Bane - W2E2 of Sections 4 & 9 (320.66 Gross Acres) - LEASEHOLD DOI



\*All ownership information updated from 2023 title opinions and reports \*Please note ownership differences between Bone Spring and Wolfcamp formations

\*Contractual Rights separate \*Asterisk denotes pooled party

# Bane – W2E2 Spacing Units Bone Spring & Wolfcamp Formations (Sections 4 & 9)



### Bane - W2E2 of Sections 4 & 9 (320.66 Gross Acres) - TRACT-BY-TRACT DOI

### **Bone Spring**

Don't Opining											
	Bane - W2E2 - BONE SPRING - Tract-by-Tract DOI										
Owner	Sec 4: Lot 2, SWNE	Section 4: W2SE	Section 9: W2SE	Section 9: W2NE	Status						
Delmar Hudson Trust*	20.4688%	3.8125%	0.0000%	0.0000%	Term Assigned to Cimarex						
Lindys Living Trust (Hudson)	20.4688%	3.8125%	3.8125%	3.8125%	Under JOA to Permian Resources						
Javelina Partners	13.6458%	2.5417%	6.3542%	10.1042%	Under JOA to Permian Resources						
Zorro Partners	13.6458%	2.5417%	2.5417%	2.5417%	Under JOA to Permian Resources						
Josephine Hudson Trust*	3.4115%	0.6354%	0.6354%	0.6354%	Term Assigned to Cimarex						
Ard Oil*	10.2344%	1.9063%	1.9063%	1.9063%	Read & Stevens/PR Support						
Moore & Shelton*	5.6250%	2.2500%	2.2500%	2.2500%	Read & Stevens/PR Support						
HOG Partnership LP*	12.5000%	5.0000%	5.0000%	0.0000%	Read & Stevens/PR Support						
Read & Stevens	0.0000%	35.1783%	35.1188%	33.7104%	Permian Resources Owned						
First Century Oil	0.0000%	11.1642%	11.1313%	10.3521%	Permian Resources Owned						
Foran Oil Co*	0.0000%	17.5000%	0.0000%	0.0000%	Under Contract to be acquired by PR						
Chase Oil Co*	0.0000%	10.4475%	0.0000%	0.0000%	Read & Stevens/PR Support						
Buccholz (Union Hill)*	0.0000%	0.0000%	0.0000%	0.0000%	Partially Acquired by PR						
Magnum Hunter*	0.0000%	0.0000%	17.5000%	17.5000%	Cimarex Owned						
Cimarex*	0.0000%	0.0000%	13.7500%	15.9375%	Cimarex Owned						
William A. Hudson II	0.0000%	0.0000%	0.0000%	1.2500%	Under JOA to Permian Resources						
Challenger Crude, Ltd.	0.0000%	3.2101%	0.0000%	0.0000%	Under JOA to Permian Resources						
Totals:	100.00%	100.00%	100.00%	100.00%							

### Wolfcamp

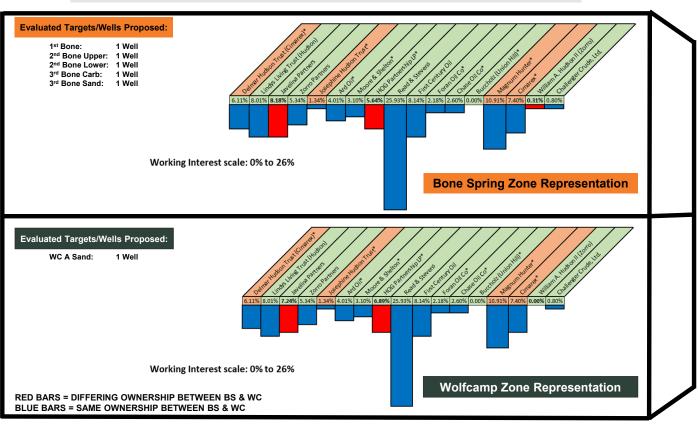
Bane - W2E2 - WOLFCAMP - Tract-by-Tract DOI										
Owner	Sec 4: Lot 2, NWNE	Section 4: W2SE	Section 9: W2SE	Section 9: W2NE	Status					
Delmar Hudson Trust*	20.4688%	3.8125%	0.0000%	0.0000%	Term Assigned to Cimarex					
Lindys Living Trust (Hudson)	20.4688%	3.8125%	3.8125%	3.8125%	Under JOA to Permian Resources					
Javelina Partners	13.6458%	2.5417%	6.3542%	6.3542%	Under JOA to Permian Resources					
Zorro Partners	13.6458%	2.5417%	2.5417%	2.5417%	Under JOA to Permian Resources					
Josephine Hudson Trust*	3.4115%	0.6354%	0.6354%	0.6354%	Term Assigned to Cimarex					
Ard Oil*	10.2344%	1.9063%	1.9063%	1.9063%	Read & Stevens/PR Support					
Moore & Shelton*	5.6250%	2.2500%	2.2500%	2.2500%	Read & Stevens/PR Support					
HOG Partnership LP*	12.5000%	5.0000%	5.0000%	5.0000%	Read & Stevens/PR Support					
Read & Stevens	0.0000%	35.1783%	35.1188%	33.7104%	Permian Resources Owned					
First Century Oil	0.0000%	11.1642%	11.1313%	10.3521%	Permian Resources Owned					
Foran Oil Co*	0.0000%	17.5000%	0.0000%	0.0000%	Under Contract to be acquired by PR					
Chase Oil Co*	0.0000%	10.4475%	0.0000%	0.0000%	Read & Stevens/PR Support					
Buccholz (Union Hill)*	0.0000%	0.0000%	0.0000%	0.0000%	Partially Acquired by PR					
Magnum Hunter*	0.0000%	0.0000%	17.5000%	17.5000%	Cimarex Owned					
Cimarex*	0.0000%	0.0000%	13.7500%	15.9375%	Cimarex Owned					
William A. Hudson II	0.0000%	0.0000%	0.0000%	0.0000%	Under JOA to Permian Resources					
Challenger Crude, Ltd.	0.0000%	3.2101%	0.0000%	0.0000%	Under JOA to Permian Resources					
Totals:	100.00%	100.00%	100.00%	100.00%						

<sup>\*</sup>All ownership information updated from 2023 title opinions and reports
\*Please note ownership differences between Bone Spring and Wolfcamp formations

<sup>\*</sup>Contractual Rights separate \*Asterisk denotes pooled party

## Bane – E2E2 Spacing Units Bone Spring & Wolfcamp Formations (Sections 4 & 9)

### Bane - W2E2 of Sections 4 & 9 (320.89 Gross Acres) - LEASEHOLD DOI



\*All ownership information updated from 2023 title opinions and reports
\*Please note ownership differences between Bone Spring and Wolfcamp formations

\*Contractual Rights separate \*Asterisk denotes pooled party

# Bane – E2E2 Spacing Units Bone Spring & Wolfcamp Formations (Sections 4 & 9)

### Bane - E2E2 of Sections 4 & 9 (320.89 Gross Acres) - TRACT-BY-TRACT DOI

### **Bone Spring**

Bane - E2E2 - BONE SPRING - Tract-by-Tract DOI									
	Sec 4: Lot 1,	Section 4:	Section 9:	Section 9:	Section 9:				
Owner	SENE	NESE	SESE	E2NE	E2SE	Status			
Delmar Hudson Trust*	20.4688%	3.8125%	3.8125%	0.0000%	0.0000%	Term Assigned to Cimarex			
Lindys Living Trust (Hudson)	20.4688%	3.8125%	3.8125%	3.8125%	3.8125%	Under JOA to Permian Resources			
Javelina Partners	13.6458%	2.5417%	2.5417%	10.1042%	6.3542%	Under JOA to Permian Resources			
Zorro Partners	13.6458%	2.5417%	2.5417%	2.5417%	2.5417%	Under JOA to Permian Resources			
Josephine Hudson Trust*	3.4115%	0.6354%	0.6354%	0.6354%	0.6354%	Term Assigned to Cimarex			
Ard Oil*	10.2344%	1.9063%	1.9063%	1.9063%	1.9063%	Read & Stevens/PR Support			
Moore & Shelton*	5.6250%	2.2500%	2.2500%	2.2500%	2.2500%	Read & Stevens/PR Support			
HOG Partnership LP*	12.5000%	5.0000%	5.0000%	0.0000%	5.0000%	Read & Stevens/PR Support			
Read & Stevens	0.0000%	35.1783%	35.1783%	33.7104%	35.1188%	Permian Resources Owned			
First Century Oil	0.0000%	11.1642%	11.1642%	10.3521%	11.1313%	Permian Resources Owned			
Foran Oil Co*	0.0000%	17.5000%	0.0000%	0.0000%	0.0000%	Under Contract to be acquired by PR			
Chase Oil Co*	0.0000%	10.4475%	10.4475%	0.0000%	0.0000%	Read & Stevens/PR Support			
Buccholz (Union Hill)	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	Partially Acquired by PR			
Magnum Hunter*	0.0000%	0.0000%	17.5000%	17.5000%	17.5000%	Cimarex Owned			
Cimarex*	0.0000%	0.0000%	0.0000%	15.9375%	13.7500%	Cimarex Owned			
William A. Hudson II	0.0000%	0.0000%	0.0000%	1.2500%	0.0000%	Under JOA to Permian Resources			
Challenger Crude, Ltd.	0.0000%	3.2101%	3.2101%	0.0000%	0.0000%	Under JOA to Permian Resources			
Totals:	100.00%	100.00%	100.00%	100.00%	100.00%	_			

## Wolfcamp

	Bane - E2E2 - WOLFCAMP - Tract-by-Tract DOI									
	Sec 4: Lot 1,	Section 4:	Section 4:	Section 9:	Section 9:					
Owner	SENE	NESE	SESE	E2NE	E2SE	Status				
Delmar Hudson Trust*	20.4688%	3.8125%	3.8125%	0.0000%	0.0000%	Term Assigned to Cimarex				
Lindys Living Trust (Hudson)	20.4688%	3.8125%	3.8125%	3.8125%	3.8125%	Under JOA to Permian Resources				
Javelina Partners	13.6458%	2.5417%	2.5417%	6.3542%	6.3542%	Under JOA to Permian Resources				
Zorro Partners	13.6458%	2.5417%	2.5417%	2.5417%	2.5417%	Under JOA to Permian Resources				
Josephine Hudson Trust*	3.4115%	0.6354%	0.6354%	0.6354%	0.6354%	Term Assigned to Cimarex				
Ard Oil*	10.2344%	1.9063%	1.9063%	1.9063%	1.9063%	Read & Stevens/PR Support				
Moore & Shelton*	5.6250%	2.2500%	2.2500%	2.2500%	2.2500%	Read & Stevens/PR Support				
HOG Partnership LP*	12.5000%	5.0000%	5.0000%	5.0000%	5.0000%	Read & Stevens/PR Support				
Read & Stevens	0.0000%	35.1783%	35.1783%	33.7104%	35.1188%	Permian Resources Owned				
First Century Oil	0.0000%	11.1642%	11.1642%	10.3521%	11.1313%	Permian Resources Owned				
Foran Oil Co*	0.0000%	17.5000%	0.0000%	0.0000%	0.0000%	Under Contract to be acquired by PR				
Chase Oil Co*	0.0000%	10.4475%	10.4475%	0.0000%	0.0000%	Read & Stevens/PR Support				
Buccholz (Union Hill)	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	Partially Acquired by PR				
Magnum Hunter*	0.0000%	0.0000%	17.5000%	17.5000%	17.5000%	Cimarex Owned				
Cimarex*	0.0000%	0.0000%	0.0000%	15.9375%	13.7500%	Cimarex Owned				
William A. Hudson II	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	Under JOA to Permian Resources				
Challenger Crude, Ltd.	0.0000%	3.2101%	3.2101%	0.0000%	0.0000%	Under JOA to Permian Resources				
Totals:	100.00%	100.00%	100.00%	100.00%	100.00%					

<sup>\*</sup>All ownership information updated from 2023 title opinions and reports
\*Please note ownership differences between Bone Spring and Wolfcamp formations

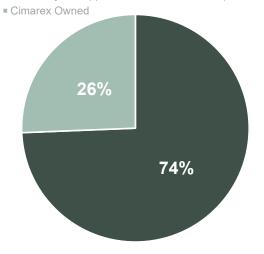
<sup>\*</sup>Contractual Rights separate
\*Asterisk denotes pooled party

## Bane – Majority Support Favors Permian Resources

- Overwhelming majority of the parties support Permian Resources Development Plan-Permian Resources has 48% more working interest support than Coterra in the Bane Unit
- To our knowledge NO non op parties currently support Cimarex's plan of development
- Several sizable owners have executed a JOA naming Permian Resources as the Operator or issued letters of support throughout the intervening years prior to this hearing, including working interest owners who previously supported Coterra, such as Zorro and Javalina

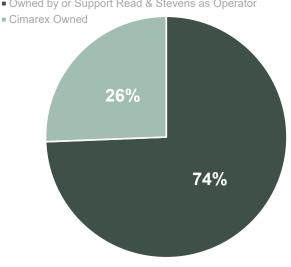
## Bane - Bone Spring

Owned by or Support Read & Stevens as Operator



## Bane - Wolfcamp

Owned by or Support Read & Stevens as Operator



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300 N. MARIENFELD STREET, SUITE 1000 MIDLAND, TX 79701

**OFFICE** 432.695.4222 **FAX** 432.695.4063

February 17, 2023

Via Certified Mail

Ard Oil Ltd. P.O. Box 101027 Fort Worth, Texas 76185

RE: Bane 4-9 Federal Com – Well Proposals

Sections 4 & 9, T20S-R34E Lea County, New Mexico

To Whom It May Concern:

Permian Resources Operating, LLC, as operator for Read & Stevens, Inc. ("Permian"), hereby proposes the drilling and completion of the following twenty-four (24) wells, the Bane 4-9 Federal Com wells at approximate locations within Township 20 South, Range 34 East:

#### 1. Bane 4-9 Federal Com 111H – West Pad

SHL: 575' FNL & 1,525' FWL (or at a legal location within Lot 3) of Section 4

BHL: 10' FSL & 330' FWL of Section 9 FTP: 100' FNL & 330' FWL of Section 4 LTP: 100' FSL & 330' FWL of Section 9

TVD: Approximately 9,630' TMD: Approximately 19,915'

Proration Unit: Lot 4, SWNW, W2SW of Section 4 and W2W2 of 9 of T20S-R34E

Targeted Interval: 1st Bone Spring Total Cost: See attached AFE

#### 2. Bane 4-9 Federal Com 112H - West Pad

SHL: 575' FNL & 1,558' FWL (or at a legal location within Lot 3) of Section 4

BHL: 10' FSL & 1,650' FWL of Section 9 FTP: 100' FNL & 1,650' FWL of Section 4 LTP: 100' FSL & 1,650' FWL of Section 9

TVD: Approximately 9,610' TMD: Approximately 19,895'

Proration Unit: Lot 3, SENW, E2SW of Section 4 and E2W2 of 9 of T20S-R34E

Targeted Interval: 1st Bone Spring Total Cost: See attached AFE

#### 3. Bane 4-9 Federal Com 113H – East Pad

SHL: 505' FNL & 1,325' FEL (or at a legal location within Lot 2) of Section 4

BHL: 10' FSL & 2,310' FEL of Section 9 FTP: 100' FNL & 2,310' FEL of Section 4 LTP: 100' FSL & 2,310' FEL of Section 9

TVD: Approximately 9,610' TMD: Approximately 19,895'

Proration Unit: Lot 2, SWNE, W2SE of Section 4 and W2E2 of 9 of T20S-R34E

Targeted Interval: 1st Bone Spring Total Cost: See attached AFE

**BEFORE THE OIL CONSERVATION COMMISSION** 

Santa Fe, New Mexico Exhibit No. C-13 Submitted by: Read & Stevens, Inc. Hearing Date: September 18, 2025

Case Nos. 25371

#### 4. Bane 4-9 Federal Com 114H - East Pad

SHL: 505' FNL & 1,292' FEL (or at a legal location within Lot 1) of Section 4

BHL: 10' FSL & 990' FEL of Section 9 FTP: 100' FNL & 990' FEL of Section 4 LTP: 100' FSL & 990' FEL of Section 9

TVD: Approximately 9,590' TMD: Approximately 19,875'

Proration Unit: Lot 1, SENE, E2SE of Section 4 and E2E2 of 9 of T20S-R34E

Targeted Interval: 1st Bone Spring Total Cost: See attached AFE

#### 5. Bane 4-9 Federal Com 121H - West Pad

SHL: 575' FNL & 1,591' FWL (or at a legal location within Lot 3) of Section 4

BHL: 10' FSL & 330' FWL of Section 9 FTP: 100' FNL & 330' FWL of Section 4 LTP: 100' FSL & 330' FWL of Section 9

TVD: Approximately 10,320' TMD: Approximately 20,605'

Proration Unit: Lot 4, SWNW, W2SW of Section 4 and W2W2 of 9 of T20S-R34E

Targeted Interval: 2<sup>nd</sup> Bone Spring Total Cost: See attached AFE

#### 6. Bane 4-9 Federal Com 122H - West Pad

SHL: 575' FNL & 1,624' FWL (or at a legal location within Lot 3) of Section 4

BHL: 10' FSL & 990' FWL of Section 9 FTP: 100' FNL & 990' FWL of Section 4 LTP: 100' FSL & 990' FWL of Section 9

TVD: Approximately 10,005 TMD: Approximately 20,290'

Proration Unit: Lot 4, SWNW, W2SW of Section 4 and W2W2 of 9 of T20S-R34E

Targeted Interval: 2<sup>nd</sup> Bone Spring Total Cost: See attached AFE

#### 7. Bane 4-9 Federal Com 123H – West Pad

SHL: 575' FNL & 1,657' FWL (or at a legal location within Lot 3) of Section 4

BHL: 10' FSL & 1,650' FWL of Section 9 FTP: 100' FNL & 1,650' FWL of Section 4 LTP: 100' FSL & 1,650' FWL of Section 9

TVD: Approximately 10,325' TMD: Approximately 20,610'

Proration Unit: Lot 3, SENW, E2SW of Section 4 and E2W2 of 9 of T20S-R34E

Targeted Interval: 2<sup>nd</sup> Bone Spring Total Cost: See attached AFE

#### 8. Bane 4-9 Federal Com 124H - West Pad

SHL: 575' FNL & 1,690' FWL (or at a legal location within Lot 3) of Section 4

BHL: 10' FSL & 2,310 FWL of Section 9 FTP: 100' FNL & 2,310 FWL of Section 4 LTP: 100' FSL & 2,310 FWL of Section 9

TVD: Approximately 10,005 TMD: Approximately 20,290'

Proration Unit: Lot 3, SENW, E2SW of Section 4 and E2W2 of 9 of T20S-R34E

Targeted Interval: 2<sup>nd</sup> Bone Spring Total Cost: See attached AFE

#### 9. Bane 4-9 Federal Com 125H - East Pad

SHL: 505' FNL & 1,259' FEL (or at a legal location within Lot 1) of Section 4

BHL: 10' FSL & 2,310 FEL of Section 9 FTP: 100' FNL & 2,310 FEL of Section 4 LTP: 100' FSL & 2,310 FEL of Section 9

TVD: Approximately 10,330' TMD: Approximately 20,615'

Proration Unit: Lot 2, SWNE, W2SE of Section 4 and W2E2 of 9 of T20S-R34E

Targeted Interval: 2<sup>nd</sup> Bone Spring Total Cost: See attached AFE

#### 10. Bane 4-9 Federal Com 126H - East Pad

SHL: 505' FNL & 1,226' FEL (or at a legal location within Lot 1) of Section 4

BHL: 10' FSL & 1,650' FEL of Section 9 FTP: 100' FNL & 1,650' FEL of Section 4 LTP: 100' FSL & 1,650' FEL of Section 9

TVD: Approximately 10,005 TMD: Approximately 20,290'

Proration Unit: Lot 2, SWNE, W2SE of Section 4 and W2E2 of 9 of T20S-R34E

Targeted Interval: 2<sup>nd</sup> Bone Spring Total Cost: See attached AFE

#### 11. Bane 4-9 Federal Com 127H – East Pad

SHL: 505' FNL & 1,193' FEL (or at a legal location within Lot 1) of Section 4

BHL: 10' FSL & 990' FEL of Section 9 FTP: 100' FNL & 990' FEL of Section 4 LTP: 100' FSL & 990' FEL of Section 9

TVD: Approximately 10,330' TMD: Approximately 20,615'

Proration Unit: Lot 1, SENE, E2SE of Section 4 and E2E2 of 9 of T20S-R34E

Targeted Interval: 2<sup>nd</sup> Bone Spring Total Cost: See attached AFE

#### 12. Bane 4-9 Federal Com 128H - East Pad

SHL: 505' FNL & 1,160' FEL (or at a legal location within Lot 1) of Section 4

BHL: 10' FSL & 330' FEL of Section 9 FTP: 100' FNL & 330' FEL of Section 4 LTP: 100' FSL & 330' FEL of Section 9

TVD: Approximately 10,005 TMD: Approximately 20,290'

Proration Unit: Lot 1, SENE, E2SE of Section 4 and E2E2 of 9 of T20S-R34E

Targeted Interval: 2<sup>nd</sup> Bone Spring Total Cost: See attached AFE

#### 13. Bane 4-9 Federal Com 171H - (West Pad)

SHL: 445' FNL & 1,525' FWL (or at a legal location within Lot 3) of Section 4

BHL: 10' FSL & 990' FWL of Section 9 FTP: 100' FNL & 990' FWL of Section 4 LTP: 100' FSL & 990' FWL of Section 9

TVD: Approximately 10,415' TMD: Approximately 20,700'

Proration Unit: Lot 4, SWNW, W2SW of Section 4 and W2W2 of 9 of T20S-R34E

Targeted Interval: 3rd Bone Spring Carb (Harkey)

Total Cost: See attached AFE

#### 14. Bane 4-9 Federal Com 172H - (West Pad)

SHL: 445' FNL & 1,690' FWL (or at a legal location within Lot 3) of Section 4

BHL: 10' FSL & 2,310' FWL of Section 9 FTP: 100' FNL & 2,310' FWL of Section 4 LTP: 100' FSL & 2,310' FWL of Section 9

TVD: Approximately 10,415' TMD: Approximately 20,700'

Proration Unit: Lot 3, SENW, E2SW of Section 4 and E2W2 of 9 of T20S-R34E

Targeted Interval: 3rd Bone Spring Carb (Harkey)

Total Cost: See attached AFE

#### 15. Bane 4-9 Federal Com 173H - (East Pad)

SHL: 375' FNL & 1,325' FEL (or at a legal location within Lot 2) of Section 4

BHL: 10' FSL & 1,650' FEL of Section 9 FTP: 100' FNL & 1,650' FEL of Section 4 LTP: 100' FSL & 1,650' FEL of Section 9

TVD: Approximately 10,415' TMD: Approximately 20,700'

Proration Unit: Lot 2, SWNE, W2SE of Section 4 and W2E2 of 9 of T20S-R34E

Targeted Interval: 3rd Bone Spring Carb (Harkey)

Total Cost: See attached AFE

#### 16. Bane 4-9 Federal Com 174H - (East Pad)

SHL: 375' FNL & 1,160' FEL (or at a legal location within Lot 1) of Section 4

BHL: 10' FSL & 330' FEL of Section 9 FTP: 100' FNL & 330' FEL of Section 4 LTP: 100' FSL & 330' FEL of Section 9

TVD: Approximately 10,415' TMD: Approximately 20,700'

Proration Unit: Lot 1, SENE, E2SE of Section 4 and E2E2 of 9 of T20S-R34E

Targeted Interval: 3rd Bone Spring Carb (Harkey)

Total Cost: See attached AFE

#### 17. Bane 4-9 Federal Com 131H - West Pad

SHL: 445' FNL & 1,558' FWL (or at a legal location within Lot 3) of Section 4

BHL: 10' FSL & 330' FWL of Section 9 FTP: 100' FNL & 330' FWL of Section 4 LTP: 100' FSL & 330' FWL of Section 9

TVD: Approximately 10,825' TMD: Approximately 21,110'

Proration Unit: Lot 4, SWNW, W2SW of Section 4 and W2W2 of 9 of T20S-R34E

Targeted Interval: 3<sup>rd</sup> Bone Spring Total Cost: See attached AFE

#### 18. Bane 4-9 Federal Com 132H

SHL: 445' FNL & 1,624' FWL (or at a legal location within Lot 3) of Section 4

BHL: 10' FSL & 1,650' FWL of Section 9 FTP: 100' FNL & 1,650' FWL of Section 4 LTP: 100' FSL & 1,650' FWL of Section 9

TVD: Approximately 10,825' TMD: Approximately 21,110'

Proration Unit: Lot 3, SENW, E2SW of Section 4 and E2W2 of 9 of T20S-R34E

Targeted Interval: 3<sup>rd</sup> Bone Spring Total Cost: See attached AFE

#### 19. Bane 4-9 Federal Com 133H - East Pad

SHL: 375' FNL & 1,292' FEL (or at a legal location within Lot 1) of Section 4

BHL: 10' FSL & 2,310' FEL of Section 9 FTP: 100' FNL & 2,310' FEL of Section 4 LTP: 100' FSL & 2,310' FEL of Section 9

TVD: Approximately 10,825' TMD: Approximately 21,110'

Proration Unit: Lot 2, SWNE, W2SE of Section 4 and W2E2 of 9 of T20S-R34E

Targeted Interval: 3<sup>rd</sup> Bone Spring Total Cost: See attached AFE

#### 20. Bane 4-9 Federal Com 134H

SHL: 375' FNL & 1,226' FEL (or at a legal location within Lot 1) of Section 4

BHL: 10' FSL & 990' FEL of Section 9 FTP: 100' FNL & 990' FEL of Section 4 LTP: 100' FSL & 990' FEL of Section 9

TVD: Approximately 10,825' TMD: Approximately 21,110'

Proration Unit: Lot 1, SENE, E2SE of Section 4 and E2E2 of 9 of T20S-R34E

Targeted Interval: 3<sup>rd</sup> Bone Spring Total Cost: See attached AFE

#### 21. Bane 4-9 Federal Com 201H - West Pad

SHL: 445' FNL & 1,591' FWL (or at a legal location within Lot 3) of Section 4

BHL: 10' FSL & 990' FWL of Section 9 FTP: 100' FNL & 990' FWL of Section 4 LTP: 100' FSL & 990' FWL of Section 9

TVD: Approximately 10,925' TMD: Approximately 21,210'

Proration Unit: Lot 4, SWNW, W2SW of Section 4 and W2W2 of 9 of T20S-R34E

Targeted Interval: Wolfcamp XY Total Cost: See attached AFE

#### 22. Bane 4-9 Federal Com 202H - West Pad

SHL: 445' FNL & 1,657' FWL (or at a legal location within Lot 3) of Section 4

BHL: 10' FSL & 2,310' FWL of Section 9 FTP: 100' FNL & 2,310' FWL of Section 4 LTP: 100' FSL & 2,310' FWL of Section 9

TVD: Approximately 10,925' TMD: Approximately 21,210'

Proration Unit: Lot 3, SENW, E2SW of Section 4 and E2W2 of 9 of T20S-R34E

Targeted Interval: Wolfcamp XY Total Cost: See attached AFE

#### 23. Bane 4-9 Federal Com 203H – East Pad

SHL: 375' FNL & 1,259' FEL (or at a legal location within Lot 1) of Section 4

BHL: 10' FSL & 1,650' FEL of Section 9 FTP: 100' FNL & 1,650' FEL of Section 4 LTP: 100' FSL & 1,650' FEL of Section 9

TVD: Approximately 10,925' TMD: Approximately 21,210'

Proration Unit: Lot 2, SWNE, W2SE of Section 4 and W2E2 of 9 of T20S-R34E

Targeted Interval: Wolfcamp XY Total Cost: See attached AFE

#### 24. Bane 4-9 Federal Com 204H - East Pad

SHL: 375' FNL & 1,193' FEL (or at a legal location within Lot 1) of Section 4

BHL: 10' FSL & 330' FEL of Section 9 FTP: 100' FNL & 330' FEL of Section 4 LTP: 100' FSL & 330' FEL of Section 9

TVD: Approximately 10,925' TMD: Approximately 21,210'

Proration Unit: Lot 1, SENE, E2SE of Section 4 and E2E2 of 9 of T20S-R34E

Targeted Interval: Wolfcamp XY Total Cost: See attached AFE

The locations, TVDs, and targets are approximate and subject to change dependent on surface or subsurface issues encountered. These locations do fall within an approved potash drill island, so any surface changes remain subject to BLM approval. Permian is proposing to drill these wells under the modified terms of the 1989 AAPL Operating Agreement and a form of said Operating Agreement is enclosed. The Operating Agreement has the following general provisions:

- -100%/300%/300% non-consent provisions
- \$8,000/\$800 drilling and producing rates
- Permian Resources Operating, LLC named as Operator

Note that communitization agreements for each spacing unit shall be sent in a separate mailing.

Please indicate your election to participate in the drilling and completion of the proposed wells in the space provided below. Please sign and return one copy of this letter, a signed copy of the proposed AFE, and your geologic well requirements.

In the interest of time, should we not reach an agreement within thirty (30) days of the date of your receipt of this letter, Permian will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a spacing unit for the proposed well. If you do not wish to participate, Permian would be interested in acquiring your interest in the subject lands which is subject to further mutually agreeable negotiation.

Thank you for your time and consideration, if you have any questions at all, please don't hesitate to contact me at 432.400.1037 or by email at travis.macha@permianres.com.

Respectfully,

Travis Macha

Senior Landman

Enclosures

Received by OCD: 7/14/2023 12:17:21 PM

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### **Bane 4-9 Federal Com Elections:**

Well(s) Elect to Participate Elect to NOT Participate Bane 4-9 Federal Com 111H Bane 4-9 Federal Com 112H Bane 4-9 Federal Com 113H Bane 4-9 Federal Com 114H Bane 4-9 Federal Com 121H Bane 4-9 Federal Com 122H Bane 4-9 Federal Com 122H Bane 4-9 Federal Com 124H Bane 4-9 Federal Com 124H Bane 4-9 Federal Com 124H Bane 4-9 Federal Com 125H Bane 4-9 Federal Com 126H Bane 4-9 Federal Com 127H Bane 4-9 Federal Com 171H Bane 4-9 Federal Com 171H Bane 4-9 Federal Com 171H Bane 4-9 Federal Com 173H Bane 4-9 Federal Com 173H Bane 4-9 Federal Com 131H Bane 4-9 Federal Com 131H Bane 4-9 Federal Com 132H Bane 4-9 Federal Com 134H Bane 4-9 Federal Com 204H		Well Elections:					
Bane 4-9 Federal Com 111H  Bane 4-9 Federal Com 112H  Bane 4-9 Federal Com 113H  Bane 4-9 Federal Com 114H  Bane 4-9 Federal Com 121H  Bane 4-9 Federal Com 122H  Bane 4-9 Federal Com 123H  Bane 4-9 Federal Com 124H  Bane 4-9 Federal Com 125H  Bane 4-9 Federal Com 126H  Bane 4-9 Federal Com 127H  Bane 4-9 Federal Com 127H  Bane 4-9 Federal Com 171H  Bane 4-9 Federal Com 171H  Bane 4-9 Federal Com 173H  Bane 4-9 Federal Com 173H  Bane 4-9 Federal Com 131H  Bane 4-9 Federal Com 131H  Bane 4-9 Federal Com 133H  Bane 4-9 Federal Com 134H  Bane 4-9 Federal Com 134H  Bane 4-9 Federal Com 201H  Bane 4-9 Federal Com 201H  Bane 4-9 Federal Com 203H	(Please indicate your responses in the spaces below)						
Bane 4-9 Federal Com 112H Bane 4-9 Federal Com 113H Bane 4-9 Federal Com 114H Bane 4-9 Federal Com 121H Bane 4-9 Federal Com 122H Bane 4-9 Federal Com 123H Bane 4-9 Federal Com 124H Bane 4-9 Federal Com 125H Bane 4-9 Federal Com 125H Bane 4-9 Federal Com 126H Bane 4-9 Federal Com 127H Bane 4-9 Federal Com 127H Bane 4-9 Federal Com 171H Bane 4-9 Federal Com 171H Bane 4-9 Federal Com 173H Bane 4-9 Federal Com 174H Bane 4-9 Federal Com 131H Bane 4-9 Federal Com 131H Bane 4-9 Federal Com 133H Bane 4-9 Federal Com 134H Bane 4-9 Federal Com 134H Bane 4-9 Federal Com 201H Bane 4-9 Federal Com 201H Bane 4-9 Federal Com 202H Bane 4-9 Federal Com 203H	Well(s)	Elect to Participate	Elect to <u>NOT</u> Participate				
Bane 4-9 Federal Com 113H Bane 4-9 Federal Com 114H Bane 4-9 Federal Com 121H Bane 4-9 Federal Com 122H Bane 4-9 Federal Com 123H Bane 4-9 Federal Com 124H Bane 4-9 Federal Com 125H Bane 4-9 Federal Com 125H Bane 4-9 Federal Com 126H Bane 4-9 Federal Com 127H Bane 4-9 Federal Com 127H Bane 4-9 Federal Com 171H Bane 4-9 Federal Com 171H Bane 4-9 Federal Com 173H Bane 4-9 Federal Com 174H Bane 4-9 Federal Com 131H Bane 4-9 Federal Com 132H Bane 4-9 Federal Com 133H Bane 4-9 Federal Com 134H Bane 4-9 Federal Com 134H Bane 4-9 Federal Com 201H Bane 4-9 Federal Com 201H Bane 4-9 Federal Com 202H Bane 4-9 Federal Com 203H	Bane 4-9 Federal Com 111H						
Bane 4-9 Federal Com 114H  Bane 4-9 Federal Com 121H  Bane 4-9 Federal Com 122H  Bane 4-9 Federal Com 123H  Bane 4-9 Federal Com 124H  Bane 4-9 Federal Com 125H  Bane 4-9 Federal Com 126H  Bane 4-9 Federal Com 127H  Bane 4-9 Federal Com 127H  Bane 4-9 Federal Com 171H  Bane 4-9 Federal Com 171H  Bane 4-9 Federal Com 173H  Bane 4-9 Federal Com 174H  Bane 4-9 Federal Com 131H  Bane 4-9 Federal Com 131H  Bane 4-9 Federal Com 133H  Bane 4-9 Federal Com 134H  Bane 4-9 Federal Com 201H  Bane 4-9 Federal Com 201H  Bane 4-9 Federal Com 202H  Bane 4-9 Federal Com 203H	Bane 4-9 Federal Com 112H						
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Bane 4-9 Federal Com 202H Bane 4-9 Federal Com 203H	Bane 4-9 Federal Com 134H						
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	Bane 4-9 Federal Com 202H						
Bane 4-9 Federal Com 204H	Bane 4-9 Federal Com 203H						
	Bane 4-9 Federal Com 204H						

Company Name (If Applicable):
By:
Printed Name:
Date:

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Permian Resources Operating, LLC 300 N. Marienfeld St., Ste. 1000 Midland, TX 79701 Phone (432) 695-4222 • Fax (432) 695-4063

DATE:	2.17.2023		ORIZATION FOR EXPEND	AFE NO.:	1
WELL NAME:	Bane 4-9 Federal Com 111	H		FIELD:	Teas; Bone Spring
LOCATION:	Section 4, T20S-R34E			MD/TVD:	19,915' / 9,630'
COUNTY/STATE:	Lea County, New Mexico			LATERAL LENGTH:	10,000'
Permian WI:				DRILLING DAYS:	19.6
GEOLOGIC TARGET:	FBSG			COMPLETION DAYS:	18.6
REMARKS:	Drill a horizontal FBSG w install cost	ell and complete with	h 44 stages. AFE includes	drilling, completions, f	lowback and Initial A
	noun cost	DRILLING	COMPLETION	PRODUCTION	TOTAL
INTANGIBL		COSTS	COSTS	COSTS	TOTAL COSTS
Land/Legal/Regulatory Location, Surveys & Dam	\$_	52,768 257,363	16,141	37,500 2,500	\$ 90,26 276,00
Freight/Transportation	-	42,549	39,110	25,000	106,66
Rental - Surface Equipme	ent	111,070	192,448	105,000	408,51
Rental - Downhole Equip	ment	183,520	53,429	-	236,94
' Rental - Living Quarters .0 Directional Drilling, Su	-	42,956 383,743	48,671	-	91,62 383,74
1 Drilling	-	673,443			673,44
2 Drill Bits	-	89,495	-	-	89,49
3 Fuel & Power		168,789	647,751	-	816,54
4 Cementing & Float Equi 5 Completion Unit, Swab,		217,354	-	15,000	217,35 15,00
6 Perforating, Wireline, Sl			351,218	13,000	351,21
7 High Pressure Pump Tru		-	110,130	-	110,13
8 Completion Unit, Swab,		-	130,865	-	130,86
0 Mud Circulation System	_	93,991			93,99
1 Mud Logging 2 Logging / Formation Eva	-luation -	15,660 6,495	7,450		15,66
23 Mud & Chemicals	-	323,254	391,463	10,000	724,7
24 Water	-	38,825	591,078	225,000	854,90
25 Stimulation	-	-	727,236		727,2
26 Stimulation Flowback &		150 514	108,640	150,000	258,64
28 Mud/Wastewater Dispo 30 Rig Supervision/Engin		172,514 108,273	54,630 119,194	21,667	227,14 249,13
32 Drlg & Completion Ove		9,312	117,174	-	9,3
35 Labor	-	137,006	62,080	101,667	300,73
54 Proppant		-	1,121,387	-	1,121,38
95 Insurance 97 Contingency	-	13,096	21,817	3,833	13,09 25,65
99 Plugging & Abandonme	ent _		21,017	3,833	23,0.
	TOTAL INTANGIBLES >	3,141,476	4,794,736	697,167	8,633,3
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE		COSTS	COSTS	COSTS	COSTS
50 Surface Casing 51 Intermediate Casing	\$_	109,201 307,574			\$ 109,20 307,57
52 Drilling Liner	-	507,574			- 307,57
3 Production Casing	-	613,783	-	-	613,78
64 Production Liner		-	-	-	-
55 Tubing	_	-	-	140,000	140,00
66 Wellhead 67 Packers, Liner Hangers	-	57,908 13,161		40,000 20,000	97,90 33,16
58 Tanks	-	15,101		45,833	45,83
69 Production Vessels	-	-	-	126,667	126,66
70 Flow Lines		-	-	66,667	66,66
71 Rod string					-
72 Artificial Lift Equipmen 73 Compressor	-	<del></del>		90,000 5,833	90,00
74 Installation Costs	-			-	-
75 Surface Pumps	-	-	-	61,667	61,66
76 Downhole Pumps		-	-		-
77 Measurement & Meter I 78 Gas Conditioning/Deb				116,667	116,66
79 Interconnecting Facility				20,000	20,00
80 Gathering / Bulk Lines	- 1 - 6	-	-	-	
31 Valves, Dumps, Control		-	-	108,333	108,33
32 Tank / Facility Containn	nent	-	-	43,333	43,33
33 Flare Stack 34 Electrical / Grounding	-	-	-	16,667 50,000	16,60 50,00
35 Communications / SCAI	DA -	-	-	36,667	36,66
36 Instrumentation / Safety		-		853	85
	TOTAL TANGIBLES >	1,101,627	0	989,187	2,090,8
	TOTAL COSTS >	4,243,103	4,794,736	1,686,354	10,724,1
DARED BY Bormion Bo	sources Operating, LLC:				
	1 0				
Drilling Engine Completions Engine					
Production Engine					
- roadcion riigine	DC				
nian Resources Operati	ng, LLC APPROVAL:				
Co-CEO		Co-C		VP - Oper	
	WH		JW		CRM
VP - Land & Leg		VP - Geoscier			
	BG		SO		
N OPERATING PARTN	IER APPROVAL:				
Company Nan	ne:		Working Interest (%):	T	ax ID:
Signed l	ov:		Date:		
Signed i	·		Date.		

Permian Resources Operating, LLC 300 N. Marienfeld St., Ste. 1000 Midland, TX 79701
Phone (432) 695-4222 • Fax (432) 695-4063

#### ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

17.2023 une 4-9 Federal Com 121 ection 4, T20S-R34E ea County, New Mexico BSG rill a horizontal SBSG westall cost  STS  \$	ell and complete with	.44 stages. AFE includes	AFE NO.: FIELD: MOD/TVD: LATERAL LENGTH: DRILLING DAYS: COMPLETION DAYS: drilling, completions, flc	1 Teas; Bone Spring 20,605' / 10,320' 10,000'
ection 4, T20S-R34E  a County, New Mexico  SSG  rill a horizontal SBSG we stall cost	ell and complete with	.44 stages. AFE includes	LATERAL LENGTH: DRILLING DAYS: COMPLETION DAYS:	20,605' / 10,320' 10,000'
ea County, New Mexico BSG rill a horizontal SBSG we stall cost	DRILLING	44 stages. AFE includes	LATERAL LENGTH: DRILLING DAYS: COMPLETION DAYS:	10,000'
SSG rill a horizontal SBSG we stall cost	DRILLING	44 stages. AFE includes	DRILLING DAYS:  COMPLETION DAYS:	
rill a horizontal SBSG we stall cost	DRILLING	44 stages. AFE includes	COMPLETION DAYS:	19.6
rill a horizontal SBSG we stall cost	DRILLING	44 stages. AFE includes		18.6
stall cost	DRILLING	44 stages. AFE includes	drilling, completions, fic	
STS			0 1	wback and Initial A
		COMPLETION	PRODUCTION	TOTAL
\$	COSTS	COSTS	COSTS	COSTS
=	54,351	-	37,500	\$ 91,8
	265,083	16,625	2,500	284,20
_	43,826	40,284	25,000	109,1
_	114,402	198,221	105,000	417,62
_	189,026	55,031		244,05
_	44,244 395,255	50,131		94,3° 395,2°
_	693,647			693,6
-				92,1
-		667,183		841,03
-	223,875	-	-	223,8
-	-	-	15,000	15,00
ie –	-	361,754	-	361,75
_	-	113,434	-	113,43
	-	134,791	-	134,79
_	96,811	-	-	96,8
_	16,130	-	-	16,1
n _			10,000	14,3
_				746,1
_			250,000	898,8 749,0
_			150,000	261.8
_			130,000	233,9
_			21,667	255,9
				9,5
-	141,116	63,942	101,667	306,7
-	-	1,155,029	-	1,155,0
_	13,489	-	-	13,48
	-	22,472	3,833	26,30
_	-	-	-	-
OTAL INTANGIBLES >	3,235,720	4,938,578	722,167	8,896,4
	DRILLING	COMPLETION	PRODUCTION	TOTAL
i'S				COSTS
5_				\$ 112,4° 316,80
_	310,001			310,01
-	632,196			632,1
-	-			
-	-	-	140,000	140,00
-	59,645	-	40,000	99,64
-	13,556	-	20,000	33,5
_	-	-	-	-
	-	-	45,833	45,83
	-	-		126,6
_	-			66,6
_				90,0
_			5,833	5,8
_			21 227	61,6
_			01,007	01,0
ation _			116.667	116,6
			- 110/00/	- 110,0
g	-	-	20,000	20,0
_	-	-	-	-
_	-		108,333	108,3
	-	-	43,333	43,3
=				16,6
_ _	-	-	16,667	
- - -	-	-	16,667 50,000	50,0
- - - - -	-		16,667 50,000 36,667	50,00 36,60
TOTAL TANCIBLES		-	16,667 50,000 36,667 833	50,00 36,60 83
TOTAL TANGIBLES > TOTAL COSTS >	- - - - 1,134,676 4,370,396	- - - 0 4,938,578	16,667 50,000 36,667	50,00
	OTAL INTANGIBLES >	92,179   173,883   223,875   1	92,179 173,853 667,183 223,875	92,179

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NON OPERATING PARTNER APPROVAL: Company Name: Signed by:

Approval: Yes

Permian Resources Operating, LLC 300 N. Marienfeld St., Stc. 1000 Midland, TX 79701
Phone (432) 695-4222 • Fax (432) 695-4063

#### ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

WELL NAME:	2.17.2023 Bane 4-9 Federal Com 122	H		AFE NO.: FIELD:	Teas; Bone Spring
		п		_	
LOCATION:	Section 4, T20S-R34E			MD/TVD:	20,290' / 10,005'
COUNTY/STATE:	Lea County, New Mexico			LATERAL LENGTH:	10,000'
Permian WI:	onco			DRILLING DAYS:	19.6
GEOLOGIC TARGET:	SBSG	<del></del>		COMPLETION DAYS:	18.6
REMARKS:	Drill a horizontal SBSG we install cost	ll and complete with	h 44 stages. AFE includes	drilling, completions, fl	owback and Initial A
INTANGIBLE	COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
Land/Legal/Regulatory	\$	54,351	-	37,500	\$ 91,85
Location, Surveys & Dama	ges	265,083	16,625	2,500	284,20
l Freight / Transportation 5 Rental - Surface Equipmer	_	43,826 114,402	40,284 198,221	25,000 105,000	109,11 417.62
Rental - Downhole Equipmen		189,026	55,031	103,000	244,05
Rental - Living Quarters	-	44,244	50,131	-	94,37
0 Directional Drilling, Surv	reys	395,255		-	395,25
1 Drilling 2 Drill Bits	_	693,647 92,179			693,64 92,17
3 Fuel & Power	_	173,853	667,183	-	841,03
4 Cementing & Float Equip	,	223,875	- 007,103		223,87
5 Completion Unit, Swab, 0		-	-	15,000	15,00
6 Perforating, Wireline, Sli		-	361,754	-	361,75
7 High Pressure Pump True		-	113,434	-	113,43
8 Completion Unit, Swab, 0 20 Mud Circulation System		96,811	134,791		134,79 96,81
21 Mud Logging	_	16,130			16,13
22 Logging/Formation Eval	uation	6,690	7,673		14,36
23 Mud & Chemicals	_	332,951	403,207	10,000	746,15
24 Water	_	39,990	608,810	250,000	898,80
5 Stimulation 6 Stimulation Flowback &	Dien	-	749,053 111,899	150,000	749,05 261,89
8 Mud/Wastewater Dispos		177,689	56,269	130,000	233,95
30 Rig Supervision / Engine		111,522	122,769	21,667	255,95
32 Drlg & Completion Over		9,591	-	-	9,59
5 Labor	_	141,116	63,942	101,667	306,72
54 Proppant 95 Insurance	_	13,489	1,155,029		1,155,02
97 Contingency	_	13,469	22,472	3,833	13,48 26,30
9 Plugging & Abandonmer	ıt —			-	
	TOTAL INTANGIBLES >	3,235,720	4,938,578	722,167	8,896,4
TANGIBLE (	COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
60 Surface Casing	\$_	112,477	-	-	\$ 112,47
51 Intermediate Casing	_	316,801	-	-	316,80
52 Drilling Liner 53 Production Casing	_	632,196			632,19
4 Production Liner	_	0.02,190			0.32,15
55 Tubing	_	-	-	140,000	140,00
66 Wellhead	-	59,645	-	40,000	99,64
7 Packers, Liner Hangers	_	13,556	-	20,000	33,55
8 Tanks	_			45.000	45.00
9 Production Vessels 70 Flow Lines	_		-	45,833 126,667	45,83 126,66
71 Rod string	_	_		66,667	66,66
2 Artificial Lift Equipment	-	-	-	90,000	90,00
'3 Compressor		-	-	5,833	5,83
4 Installation Costs	_	-	-	/3.//=	- (1//
75 Surface Pumps 76 Downhole Pumps	_	-		61,667	61,66
7 Measurement & Meter In	stallation			116,667	116,66
78 Gas Conditioning/Dehy	dration	-	-	-	-
<sup>79</sup> Interconnecting Facility F	'iping	-	-	20,000	20,00
80 Gathering / Bulk Lines	_	-	-	-	-
1 Valves, Dumps, Controlle 2 Tank / Facility Containme				108,333 43,333	108,33
3 Flare Stack	-			16,667	16,66
34 Electrical / Grounding	_	-	-	50,000	50,00
35 Communications / SCAD	Α	-	-	36,667	36,66
36 Instrumentation / Safety	Ξ	-	-	833	83
	TOTAL TANGIBLES >	1,134,676	0	989,167	2,123,8
	TOTAL COSTS >	4,370,396	4,938,578	1,711,334	11,020,30
PARED BY Permian Res	ources Operating, LLC:				
Drilling Enginee					
Completions Enginee Production Enginee					
Production Enginee	g, LLC APPROVAL:				
		Co-C	CEO	VP - Oper	itions
Production Enginee	O	Co-C	ŒO	VP - Oper	ations

NON OPERATING PARTNER APPROVAL: Company Name:

Signed by: Date: Approval: Yes

Permian Resources Operating, LLC 300 N. Marienfeld St., Ste. 1000 Midland, TX 79701
Phone (432) 695-4222 • Fax (432) 695-4063

	ESTIMATE O	F COSTS AND AUTHO	ORIZATION FOR EXPENDI	TURE	
DATE:	2.17.2023			AFE NO.:	1
WELL NAME:	Bane 4-9 Federal Com 171	Н		FIELD:	Teas; Bone Spring
LOCATION:	Section 4, T20S-R34E			MD/TVD:	20,700' / 10,415'
COUNTY/STATE:	Lea County, New Mexico			LATERAL LENGTH:	10,000'
Permian WI:				DRILLING DAYS:	19.6
GEOLOGIC TARGET:	TBSG			COMPLETION DAYS:	18.6
REMARKS:	Drill a horizontal TBSG w install cost	ell and complete with	n 44 stages. AFE includes	drilling, completions, fl	owback and Initial AL
TATELAN COMMERCE	20070	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
INTANGIBLE C 1 Land/Legal/Regulatory	.0515	55,739	-	37,500	\$ 93,239
2 Location, Surveys & Damag	es	271,852	17,050	2,500	291,402
4 Freight / Transportation 5 Rental - Surface Equipment		44,945 117,323	41,312 203,283	25,000 105,000	111,257 425,606
6 Rental - Downhole Equipme		193,853	56,437	-	250,289
7 Rental - Living Quarters		45,374	51,411		96,785
10 Directional Drilling, Surve 11 Drilling	ys -	405,348 711,359		-	405,348 711,359
12 Drill Bits	-	94,533	-	-	94,533
13 Fuel & Power		178,292	684,220		862,512
14 Cementing & Float Equip 15 Completion Unit, Swab, C	TU -	229,592	-	15,000	229,592 15,000
16 Perforating, Wireline, Slick		-	370,992	-	370,992
17 High Pressure Pump Truck		-	116,330	-	116,330
18 Completion Unit, Swab, C 20 Mud Circulation System	TU -	99,283	138,232	-	138,232 99,283
21 Mud Logging	-	16,542			16,542
22 Logging / Formation Evalua	ation	6,860	7,869 413,503	10,000	14,729
23 Mud & Chemicals 24 Water	-	341,453 41,011	413,503 624,356	10,000 300,000	764,956 965,367
25 Stimulation	-	-	768,180	-	768,180
26 Stimulation Flowback & D		-	114,757	150,000	264,757
28 Mud / Wastewater Disposa 30 Rig Supervision / Engineer		182,227 114,369	57,706 125,904	21,667	239,933 261,941
32 Drlg & Completion Overhe		9,836	-	-	9,836
35 Labor		144,719	65,575	101,667	311,961
54 Proppant 95 Insurance	-	13,834	1,184,522		1,184,522 13,834
97 Contingency	-	-	23,045	3,833	26,878
99 Plugging & Abandonment		-	-	-	-
	TOTAL INTANGIBLES >	3,318,344	5,064,685	772,167	9,155,196
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE CO	OSTS	COSTS	COSTS	COSTS	COSTS
60 Surface Casing 61 Intermediate Casing	• •	115,349 324,891			\$ 115,349 324,891
62 Drilling Liner		-	-		
63 Production Casing 64 Production Liner		648,340	-	-	648,340
65 Tubing	-	<del></del> -		140,000	140,000
66 Wellhead		61,169	-	40,000	101,169
67 Packers, Liner Hangers 68 Tanks		13,902	-	20,000	33,902
69 Production Vessels	-			45,833 126,667	45,833 126,667
70 Flow Lines	-	-	-	66,667	66,667
71 Rod string		-	-	-	-
72 Artificial Lift Equipment 73 Compressor	-	-		90,000 5,833	90,000 5,833
74 Installation Costs	-	-	-		-
75 Surface Pumps		-	-	61,667	61,667
76 Downhole Pumps 77 Measurement & Meter Inst	tallation	<del>-</del>		116,667	116,667
78 Gas Conditioning/ Dehyda		-	-	-	-
79 Interconnecting Facility Pip		-	-	20,000	20,000
80 Gathering / Bulk Lines 81 Valves, Dumps, Controller	s -			108,333	108,333
82 Tank / Facility Containmen				43,333	43,333
83 Flare Stack		-	-	16,667	16,667
84 Electrical / Grounding 85 Communications / SCADA		-		50,000 36,667	50,000 36,667
86 Instrumentation / Safety	-			833	833
	TOTAL TANGIBLES >	1,163,650	0	989,167	2,152,817
	TOTAL COSTS >	4,481,994	5,064,685	1,761,334	11,308,013
EPARED BY Permian Reso	urces Operating, LLC:				
Drilling Engineer:					
Completions Engineer:					
Production Engineer:	DC				
mian Resources Operating	, LLC APPROVAL:				
Co-CEO	****	Co-C	EO	VP - Opera	ritions
VP Land & Local	WH	VP. Conssion	JW		CRM
VP - Land & Legal	BG	VP - Geoscier	SO		
ON OPERATING PARTNE					
Company Name:			Working Interest (%):	Ta	ax ID:
Signed by:			Date:		
				ν.	
Title:			Approval:	Yes	No (mark one)

Permian Resources Operating, LLC 300 N. Marienfeld St., Stc. 1000 Midland, TX 79701
Phone (432) 695-4222 • Fax (432) 695-4063

#### ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

_	.17.2023 Jane 4-9 Federal Com 1311	Н		AFE NO.: FIELD:	1 Teas; Bone Spring
_		П		_	
_	ection 4, T20S-R34E			MD/TVD:	21,110' / 10,825'
_	ea County, New Mexico			LATERAL LENGTH:	10,000'
Permian WI:				DRILLING DAYS:	19.6
GEOLOGIC TARGET: T	BSG			COMPLETION DAYS:	18.6
	Orill a horizontal TBSG we nstall cost	ell and complete with	h 44 stages. AFE includes	drilling, completions, f	lowback and Initial A
		DRILLING	COMPLETION	PRODUCTION	TOTAL
INTANGIBLE CO	STS	COSTS	COSTS	COSTS	COSTS
Land/Legal/Regulatory Location, Surveys & Damages	5_	57,069 278,338	17,456	37,500 2,500	\$ 94,56 298,29
Freight / Transportation	_	46,017	42.298	25,000	113,31
Rental - Surface Equipment	-	120,122	208,133	105,000	433,25
Rental - Downhole Equipmen	t	198,477	57,783	-	256,26
Rental - Living Quarters	_	46,457	52,637	-	99,09
0 Directional Drilling, Surveys	_	415,018 728,329			415,01 728,32
1 Drilling 2 Drill Bits	_	96,788			96,78
3 Fuel & Power	_	182,546	700,542		883,08
4 Cementing & Float Equip	-	235,069	-	-	235,06
5 Completion Unit, Swab, CTU		-	-	15,000	15,00
6 Perforating, Wireline, Slickli	ne	-	379,842	-	379,84
7 High Pressure Pump Truck		-	119,106		119,10
8 Completion Unit, Swab, CTU O Mud Circulation System	_	101,651	141,530		141,53 101,65
1 Mud Logging	-	16,936			16,93
2 Logging / Formation Evaluati	on _	7,024	8,057		15,08
3 Mud & Chemicals	_	349,599	423,367	10,000	782,96
4 Water	_	41,989	639,251	300,000	981,24
5 Stimulation	_	-	786,506	150,000	786,50
6 Stimulation Flowback & Dis	· –	186,574	117,494 59,083	150,000	267,49 245,65
8 Mud / Wastewater Disposal 0 Rig Supervision / Engineerin	g	117,098	128,908	21,667	245,65
2 Drlg & Completion Overhead		10,071	-	-	10,07
5 Labor	_	148,172	67,140	101,667	316,97
4 Proppant	_	-	1,212,780	-	1,212,78
5 Insurance	_	14,164	-	-	14,16
7 Contingency	_	-	23,595	3,833	27,42
9 Plugging & Abandonment	TOTAL INTANGIBLES >	3,397,506	5,185,507	772.167	9,355,1
	TOTAL INTANGIBLES?	DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE COS	TS	COSTS	COSTS	COSTS	COSTS
0 Surface Casing	\$_	118,101	-	-	\$ 118,10
1 Intermediate Casing	_	332,642	-	-	332,64
2 Drilling Liner	_	663,806			- (/2.00
3 Production Casing 4 Production Liner	_	-		-	663,80
55 Tubing	_			140,000	140,00
66 Wellhead	_	62,628	-	40,000	102,62
7 Packers, Liner Hangers		14,234	-	20,000	34,23
8 Tanks	_	-	-	45,833	45,83
9 Production Vessels	_			126,667	126,66
70 Flow Lines 71 Rod string	_	-		66,667	66,66
2 Artificial Lift Equipment	_			90,000	90,00
3 Compressor	-	-	-	5,833	5,83
4 Installation Costs	_	-	-		
5 Surface Pumps	Ξ	-	-	61,667	61,66
6 Downhole Pumps	–	-	-		
7 Measurement & Meter Instal		-		116,667	116,66
'8 Gas Conditioning/Dehydrat '9 Interconnecting Facility Pipi				20,000	20,00
0 Gathering / Bulk Lines	_			20,000	20,00
1 Valves, Dumps, Controllers	_	-	-	108,333	108,33
2 Tank / Facility Containment	_	-	-	43,333	43,33
3 Flare Stack	_	-	-	16,667	16,66
4 Electrical / Grounding	_			50,000	50,00 36,66
	_				36,66
	TOTAL TANGIBLES >	1,191.410	- 0		2,180,5
			5.185.507		11,535,75
PARED BY Permian Resour Drilling Engineer: Completions Engineer: Production Engineer:	TOTAL TANGIBLES > TOTAL COSTS >  ces Operating, LLC:  PS ML DC	- - 1,191,410 4,588,916	- - - 0 5,185,507	36,667 833 989,167 1,761,334	2,18
	LC APPROVAL:		FO	VP - Oper	ations
nian Resources Operating, I		Car		vi - Opei	
	WH	Co-C	JW		CRM
ian Resources Operating, I	WH		JW		CRM
ian Resources Operating, I	WH BG	Co-C VP - Geoscier	JW		CRM
ian Resources Operating, I			JW		CRM

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Company Name: Signed by:

Date: Approval: Yes

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## Permian Resources Operating, LLC 300 N. Marienfeld St., Ste. 1000 Midland, TX 79701

	ESTIMATE OF	COSTS AND AUTHO	DRIZATION FOR EXPENDE	ITURE	
DATE:	2.17.2023	000101111011101110	MENTION FOR END END	AFE NO.:	1
WELL NAME:	Bane 4-9 Federal Com 1121	Н		FIELD:	Teas; Bone Spring
LOCATION:	Section 4, T20S-R34E			MD/TVD:	19,895' / 9,610'
COUNTY/STATE:	Lea County, New Mexico			LATERAL LENGTH:	10,000'
Permian WI:	ica county, ivew iviexico			DRILLING DAYS:	19.6
GEOLOGIC TARGET:	FBSG			COMPLETION DAYS:	18.6
GEOLOGIC TARGET.	Drill a horizontal FBSG we	ell and complete with		_	
REMARKS:	install cost				
		DRILLING	COMPLETION	PRODUCTION	TOTAL
INTANGIBLE		COSTS	COSTS	COSTS	COSTS
Land/Legal/Regulatory		52,768 257,363	1/ 1/1	37,500 2,500	\$ 90,268 276,003
Location, Surveys & Damas Freight/Transportation	ges	42,549	16,141 39,110	25,000	106,660
Rental - Surface Equipmen	t	111,070	192,448	105,000	408,518
Rental - Downhole Equipm		183,520	53,429		236,949
7 Rental - Living Quarters		42,956	48,671	-	91,627
10 Directional Drilling, Surv 11 Drilling	eys	383,743 673,443			383,743 673,443
2 Drill Bits	_	89,495			89,495
3 Fuel & Power	_	168,789	647,751	-	816,540
4 Cementing & Float Equip	_	217,354		-	217,354
5 Completion Unit, Swab, C		-	-	15,000	15,000
6 Perforating, Wireline, Slic			351,218		351,218
7 High Pressure Pump Truc 8 Completion Unit, Swab, C		-	110,130 130,865		110,130 130,865
0 Mud Circulation System	-	93,991	130,663		93,991
1 Mud Logging	_	15,660	-	-	15,660
22 Logging / Formation Evalu	uation	6,495	7,450	-	13,944
23 Mud & Chemicals	_	323,254	391,463	10,000	724,717
24 Water 25 Stimulation	_	38,825	591,078 727,236	225,000	854,903 727,236
25 Stimulation 26 Stimulation Flowback & I	Disp		108,640	150,000	258,640
28 Mud/Wastewater Dispos		172,514	54,630	130,000	227,144
30 Rig Supervision / Enginee		108,273	119,194	21,667	249,134
32 Drlg & Completion Overh		9,312	-	-	9,312
35 Labor	_	137,006	62,080	101,667	300,753
54 Proppant	_	12.00/	1,121,387		1,121,387
95 Insurance 97 Contingency	_	13,096	21,817	3,833	13,096 25,650
9 Plugging & Abandonmen	t -	-	-	-	-
	TOTAL INTANGIBLES >	3,141,476	4,794,736	697,167	8,633,379
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE C	OSTS	COSTS	COSTS	COSTS	COSTS
0 Surface Casing	\$	109,201		-	\$ 109,201
51 Intermediate Casing	_	307,574	-	-	307,574
52 Drilling Liner		-	-	-	
53 Production Casing		613,783	-	-	613,783
64 Production Liner 65 Tubing	_			140,000	140,000
66 Wellhead	_	57,908		40,000	97,908
67 Packers, Liner Hangers	_	13,161	-	20,000	33,161
58 Tanks		-	-	45,833	45,833
69 Production Vessels	_	-		126,667	126,667
70 Flow Lines 71 Rod string	_	<del>-</del>		66,667	66,667
72 Artificial Lift Equipment	_			90,000	90,000
73 Compressor	_	-	-	5,833	5,833
74 Installation Costs	_	-	-	-	-
75 Surface Pumps		-	-	61,667	61,667
76 Downhole Pumps 77 Measurement & Meter Ins				11/ //7	11/ (/7
78 Gas Conditioning / Dehyo				116,667	116,667
79 Interconnecting Facility P		-		20,000	20,000
30 Gathering / Bulk Lines	-	-	-	-	-
31 Valves, Dumps, Controlle		-	-	108,333	108,333
82 Tank / Facility Containme	nt			43,333	43,333
83 Flare Stack 84 Electrical / Grounding	_	-		16,667 50,000	16,667 50,000
84 Electrical/ Grounding 85 Communications/SCAD	Α		-	36,667	36,667
36 Instrumentation / Safety	_			853	853
	TOTAL TANGIBLES >	1,101,627	0	989,187	2,090,814
	TOTAL COSTS >	4,243,103	4,794,736	1,686,354	10,724,193
PARED BY Permian Reso					
Drilling Engineer					
Completions Engineer					
Production Engineer	: DC				
nian Resources Operating	TIC APPROVAL.				
•					
Co-CEC		Co-C	EO	VP - Oper	
	WH		JW		CRM
VP - Land & Lega	I no	VP - Geoscien	ces		
	BG		SO		
OPERATING PARTNE	ER APPROVAL:				
Company Name			Working Interest (%):	T	ax ID:
			** .		
Signed by	:		Date:		

Permian Resources Operating, LLC 300 N. Marienfeld St., Ste. 1000 Midland, TX 79701 Phone (432) 695-4222 • Fax (432) 695-4063

	ESTIMATE O	OF COSTS AND AUTHO	PRIZATION FOR EXPEND	ITURE	
DATE:	2.17.2023			AFE NO.:	1
WELL NAME:	Bane 4-9 Federal Com 12	ЗН		FIELD:	Teas; Bone Spring
LOCATION:	Section 4, T20S-R34E			MD/TVD:	20,610' / 10,325'
COUNTY/STATE:	Lea County, New Mexico	0		LATERAL LENGTH:	10,000'
Permian WI:				DRILLING DAYS:	19.6
GEOLOGIC TARGET:	SBSG			COMPLETION DAYS:	18.6
	Drill a horizontal SBSG v	well and complete with	44 stages. AFE includes	drilling, completions, fl	owback and Initial AL
REMARKS:	install cost				
INTANGIBLE C	oote	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
1 Land / Legal / Regulatory	.0313	54,351	-	37,500	\$ 91,851
2 Location, Surveys & Damag	es	265,083	16,625	2,500	284,208
4 Freight / Transportation		43,826 114,402	40,284 198,221	25,000 105,000	109,110 417,624
5 Rental - Surface Equipment 6 Rental - Downhole Equipme		189,026	55,031	105,000	244,057
7 Rental - Living Quarters		44,244	50,131		94,375
10 Directional Drilling, Surve	ys	395,255 693,647	-	-	395,255
11 Drilling 12 Drill Bits		92,179	-	-	693,647 92,179
13 Fuel & Power		173,853	667,183	-	841,036
14 Cementing & Float Equip	***	223,875	-	-	223,875
15 Completion Unit, Swab, C. 16 Perforating, Wireline, Slick			361,754	15,000	15,000 361,754
17 High Pressure Pump Truck			113,434		113,434
18 Completion Unit, Swab, C		-	134,791	-	134,791
20 Mud Circulation System		96,811	-	-	96,811
21 Mud Logging 22 Logging/Formation Evalua	ation	16,130 6,690	7,673	-	16,130 14,363
23 Mud & Chemicals		332,951	403,207	10,000	746,158
24 Water		39,990	608,810	250,000	898,800
25 Stimulation	ien		749,053 111,899	150,000	749,053 261,899
26 Stimulation Flowback & D 28 Mud/Wastewater Disposa		177,689	56,269	150,000	233,959
30 Rig Supervision / Engineer	ring	111,522	122,769	21,667	255,958
32 Drlg & Completion Overho	ead	9,591	63,942	101,667	9,591 306,725
35 Labor 54 Proppant		141,116	1,155,029	101,667	1,155,029
95 Insurance		13,489	-	-	13,489
97 Contingency		-	22,472	3,833	26,305
99 Plugging & Abandonment	TOTAL INTANGIBLES >	3,235,720	4,938,578	722,167	8,896,465
	TOTAL INTANGIBLES >				
TANGIBLE CO	osts	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
60 Surface Casing	s s	112,477	-	-	\$ 112,477
61 Intermediate Casing		316,801	-	-	316,801
62 Drilling Liner 63 Production Casing		632,196	-		632,196
64 Production Liner		-	-	-	-
65 Tubing		-	-	140,000	140,000
66 Wellhead 67 Packers, Liner Hangers		59,645 13,556		40,000 20,000	99,645 33,556
68 Tanks		-		- 20,000	- 33,330
69 Production Vessels		-	-	45,833	45,833
70 Flow Lines		-	-	126,667	126,667
71 Rod string 72 Artificial Lift Equipment				90,000	66,667 90,000
73 Compressor		-		5,833	5,833
74 Installation Costs		-			
75 Surface Pumps 76 Downhole Pumps			-	61,667	61,667
77 Measurement & Meter Inst	allation			116,667	116,667
78 Gas Conditioning/Dehyda	ration	-	-	-	-
79 Interconnecting Facility Pip	ping	-	-	20,000	20,000
80 Gathering / Bulk Lines 81 Valves, Dumps, Controller	s		-	108,333	108,333
82 Tank / Facility Containmen				43,333	43,333
83 Flare Stack		-	-	16,667	16,667
84 Electrical / Grounding 85 Communications / SCADA			-	50,000 36,667	50,000 36,667
86 Instrumentation / Safety		-		833	833
	TOTAL TANGIBLES >	1,134,676	0	989,167	2,123,843
	TOTAL COSTS >	4,370,396	4,938,578	1,711,334	11,020,308
EPARED BY Permian Reso	urces Operating, LLC:				
Drilling Engineer:	PS				
Completions Engineer:	ML				
Production Engineer:	DC				
	II.C ADDDOWAL				
mian Resources Operating	, LLC APPROVAL:				
Co-CEO		Co-C	EO	VP - Opera	
	WH		JW		CRM
VP - Land & Legal	no.	VP - Geoscien	ces		
	BG		SO		
N OPERATING PARTNE	R APPROVAL:				
Company Name:			Working Interest (%):	Ta	ax ID:
Signed by:			Date:		
			-		
Title:			Approval:		No (mark one)
sts on this AFE are estimates only and may not be cons	trued as ceilings on any specific item or the total of	ost of the project. Tubing installation appro	ved under the AFE may be delayed up to a year	after the well has been completed. In executing	this AFE, the Participant agrees to pay its

Permian Resources Operating, LLC 300 N. Marienfeld St., Ste. 1000 Midland, TX 79701
Phone (432) 695-4222 • Fax (432) 695-4063

		F COSTS AND AUTHO	DRIZATION FOR EXPEND		
	2.17.2023 Bane 4-9 Federal Com 12	4H		AFE NO.:	1 Teas: Bone Spring
	Bane 4-9 Federal Com 12- Section 4, T20S-R34E	*111		FIELD: MD/TVD:	Teas; Bone Spring 20,290' / 10,005'
	Lea County, New Mexico	1		LATERAL LENGTH:	10,000'
Permian WI:				DRILLING DAYS:	19.6
	SBSG		Ad stores APP 1 1 1	COMPLETION DAYS:	18.6
	Drill a horizontal SBSG w install cost	en and complete with	1 44 stages. AFE includes	uring, completions, fl	owdack and initial AL
INTANGIBLE C	OCTC	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
1 Land/Legal/Regulatory	\$	54,351	-	37,500	\$ 91,851
2 Location, Surveys & Damage 4 Freight / Transportation	es	265,083 43,826	16,625 40,284	2,500 25,000	284,208 109,110
5 Rental - Surface Equipment	•	114,402	198,221	105,000	417,624
6 Rental - Downhole Equipme	ent	189,026 44,244	55,031 50,131	-	244,057 94,375
7 Rental - Living Quarters 10 Directional Drilling, Survey	ys ·	395,255	50,131		395,255
11 Drilling 12 Drill Bits		693,647 92,179	-		693,647 92,179
13 Fuel & Power	•	173,853	667,183		841,036
14 Cementing & Float Equip	CKT.	223,875		15,000	223,875 15,000
15 Completion Unit, Swab, CT 16 Perforating, Wireline, Slick		<u> </u>	361,754	15,000	361,754
17 High Pressure Pump Truck		-	113,434	-	113,434
18 Completion Unit, Swab, CT 20 Mud Circulation System		96,811	134,791	-	134,791 96,811
21 Mud Logging		16,130		-	16,130
22 Logging / Formation Evalua 23 Mud & Chemicals	ition .	6,690 332,951	7,673 403,207	10,000	14,363 746,158
24 Water		39,990	608,810	250,000	898,800
25 Stimulation 26 Stimulation Flowback & Di	isp	-	749,053 111.899	150,000	749,053 261,899
28 Mud/Wastewater Disposal	1	177,689	56,269	-	233,959
30 Rig Supervision / Engineer 32 Drlg & Completion Overhe		111,522 9,591	122,769	21,667	255,958 9,591
35 Labor	•	141,116	63,942	101,667	306,725
54 Proppant		13,489	1,155,029		1,155,029
95 Insurance 97 Contingency		13,469	22,472	3,833	13,489 26,305
99 Plugging & Abandonment		-	-		-
	TOTAL INTANGIBLES >	3,235,720	4,938,578	722,167	8,896,465
TANGTHE	NOTEC .	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
TANGIBLE CO 60 Surface Casing	\$	112,477	-	-	\$ 112,477
61 Intermediate Casing		316,801	-	-	316,801
62 Drilling Liner 63 Production Casing		632,196	-		632,196
64 Production Liner		-	_	-	-
65 Tubing 66 Wellhead		59,645		140,000 40,000	140,000 99,645
67 Packers, Liner Hangers		13,556	-	20,000	33,556
68 Tanks 69 Production Vessels				45,833	45,833
70 Flow Lines			-	126,667	126,667
71 Rod string 72 Artificial Lift Equipment		-	-	90,000	66,667 90,000
73 Compressor			-	5,833	5,833
74 Installation Costs 75 Surface Pumps		-	-	(1//7	- (1//7
76 Downhole Pumps		<del>-</del>		61,667	61,667
77 Measurement & Meter Inst		-	-	116,667	116,667
78 Gas Conditioning / Dehydr 79 Interconnecting Facility Pip				20,000	20,000
80 Gathering / Bulk Lines		-	-	-	-
81 Valves, Dumps, Controllers 82 Tank/Facility Containmen		-	-	108,333 43,333	108,333 43,333
83 Flare Stack		-		16,667	16,667
84 Electrical / Grounding 85 Communications / SCADA		-	-	50,000 36,667	50,000 36,667
86 Instrumentation / Safety	•			833	833
	TOTAL TANGIBLES >	1,134,676	0	989,167	2,123,843
	TOTAL COSTS >	4,370,396	4,938,578	1,711,334	11,020,308
EPARED BY Permian Resor	urces Operating, LLC:				
Drilling Engineer:	PS				
Completions Engineer:	ML				
Production Engineer:	DC				
mian Resources Operating,	LLC APPROVAL:				
Co-CEO	WH	Co-C	EO IW	VP - Oper	CRM
VP - Land & Legal		VP - Geoscien	***		CKW
	BG		SO		
N OPERATING PARTNER	R APPROVAL:				
			Working Interes (0/)		av IDs
Company Name:			Working Interest (%):	T	ax ID:
Signed by:			Date:		
Title:			Approval:	Yes	☐ No (mark one)
			F F /	<u> </u>	

Permian Resources Operating, LLC 300 N. Marienfeld St., Stc. 1000 Midland, TX 79701
Phone (432) 695-4222 • Fax (432) 695-4063

#### ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

WELL NAME: Ba	.17.2023 ane 4-9 Federal Com 172	H		AFE NO.: FIELD:	1 Teas; Bone Spring
_	ection 4, T20S-R34E	11		MD/TVD:	20,700' / 10,415'
	ea County, New Mexico			LATERAL LENGTH:	10,000'
Permian WI:	ta county, Ivew Iviexico			DRILLING DAYS:	19.6
_	BSG			COMPLETION DAYS:	18.6
		ell and complete with	n 44 stages. AFE includes	_	
	nstall cost	1			
INTANGIBLE COS	STS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
Land/Legal/Regulatory	s_	55,739		37,500	\$ 93,2
Location, Surveys & Damages Freight / Transportation	_	271,852 44,945	17,050 41,312	2,500 25,000	291,4 111,2
Rental - Surface Equipment	-	117,323	203,283	105,000	425,6
Rental - Downhole Equipment	<u> </u>	193,853	56,437	-	250,2
Rental - Living Quarters	_	45,374	51,411	-	96,7
Directional Drilling, Surveys Drilling	_	405,348 711,359			405,3 711,3
Drill Bits	-	94,533		-	94,5
Fuel & Power	-	178,292	684,220		862,5
Cementing & Float Equip		229,592	-	-	229,5
Completion Unit, Swab, CTU		-	-	15,000	15,0
Perforating, Wireline, Slicklir High Pressure Pump Truck	ne	-	370,992 116,330		370,9 116,3
Completion Unit, Swab, CTU	_		138,232		138,2
Mud Circulation System	_	99,283	-	-	99,2
Mud Logging	_	16,542	-		16,5
Logging / Formation Evaluation Mud & Chemicals	on	6,860 341,453	7,869 413,503	10,000	14,7
Water	_	41,011	624,356	300,000	764,9 965,3
Stimulation	-	-	768,180	-	768,1
Stimulation Flowback & Disp	,	-	114,757	150,000	264,7
Mud/Wastewater Disposal	_	182,227	57,706	-	239,9
) Rig Supervision / Engineering ? Drlg & Completion Overhead		9,836	125,904	21,667	261,9
2 Drig & Completion Overnead 5 Labor	-	144,719	65,575	101,667	311,9
Proppant	-	-	1,184,522	-	1,184,5
Insurance	_	13,834	-	-	13,8
7 Contingency	_	-	23,045	3,833	26,8
Plugging & Abandonment T	TOTAL INTANGIBLES >	3,318,344	5,064,685	772,167	9,155,
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE COST		COSTS	COSTS	COSTS	COSTS
Surface Casing I Intermediate Casing	s_	115,349 324,891			\$ 115,3 324,8
Drilling Liner	-	-			- 021/0
Production Casing	-	648,340	-	-	648,3
Production Liner	_	-	-	140,000	140.0
5 Tubing 6 Wellhead	_	61,169		140,000 40,000	140,0 101,1
7 Packers, Liner Hangers	-	13,902		20,000	33,9
8 Tanks	_	-	-	45,833	45,8
9 Production Vessels	_	-	-	126,667	126,6
Flow Lines	_			66,667	66,6
1 Rod string 2 Artificial Lift Equipment	_		<del></del>	90,000	90,0
3 Compressor	-	-		5,833	5,8
Installation Costs	_	-	-		-
Surface Pumps	_	-	-	61,667	61,6
Downhole Pumps Measurement & Meter Install	lation _	-		116,667	116,6
Gas Conditioning/Dehydrati				116,667	116,6
Interconnecting Facility Pipin		-	-	20,000	20,0
Gathering/Bulk Lines	-	-	-	-	-
Valves, Dumps, Controllers	_	-	-	108,333	108,3
2 Tank / Facility Containment 3 Flare Stack	-	-		43,333 16,667	43,3 16,6
Electrical / Grounding	_			50,000	50,0
Communications / SCADA	_	-	-	36,667	36,6
Instrumentation / Safety	_	-	-	833	- 8
	TOTAL TANGIBLES >	1,163,650	0	989,167	2,152,8
	TOTAL COSTS >	4,481,994	5,064,685	1,761,334	11,308,
ARED BY Permian Resource					
	PS				
Drilling Engineer:	3.67				
Completions Engineer:	ML				
	DC DC				
Completions Engineer: Production Engineer:	DC				
Completions Engineer: Production Engineer:	LC APPROVAL:	Co-C	EO	VP - Oper	
Completions Engineer: Production Engineer: ian Resources Operating, L  Co-CEO	DC		JW	VP - Oper	ationsCRM
Completions Engineer: Production Engineer: ian Resources Operating, L	LC APPROVAL:	Co-C VP - Geoscien	JW	VP - Oper	
Completions Engineer: Production Engineer: ian Resources Operating, L	LC APPROVAL:		JW	VP - Oper	

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Company Name:

Signed by:

Working Interest (%):

Date: Approval: Yes

Permian Resources Operating, LLC 300 N. Marienfeld St., Stc. 1000 Midland, TX 79701
Phone (432) 695-4222 • Fax (432) 695-4063

#### ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

WELL NAME: LOCATION: COUNTY/STATE:	Bane 4-9 Federal Com 132 Section 4, T20S-R34E	-11		FIELD:	Teas; Bone Spring
	Section 4 T20S_R34F			_	
COUNTY/STATE:	Section 4, 1205-104L			MD/TVD:	21,110' / 10,825'
	Lea County, New Mexico			LATERAL LENGTH:	10,000'
Permian WI:				DRILLING DAYS:	19.6
GEOLOGIC TARGET:	TBSG			COMPLETION DAYS:	18.6
	Drill a horizontal TBSG w	ell and complete with 4	4 stages. AFE includes	_	
REMARKS:	install cost				
		DRILLING	COMPLETION	PRODUCTION	TOTAL
INTANGIBLE	COSTS	COSTS	COSTS	COSTS	COSTS
1 Land / Legal / Regulatory	\$	57,069	-	37,500	\$ 94,5
2 Location, Surveys & Dama	ages	278,338	17,456	2,500	298,2
4 Freight / Transportation		46,017	42,298	25,000	113,3
5 Rental - Surface Equipme		120,122	208,133	105,000	433,2
6 Rental - Downhole Equip	ment _	198,477	57,783		256,2
7 Rental - Living Quarters 10 Directional Drilling, Sur	-	46,457 415,018	52,637		99,0 415,0
11 Drilling	- veys	728,329			728,3
12 Drill Bits	-	96,788			96,7
13 Fuel & Power	-	182,546	700,542		883,0
14 Cementing & Float Equip	p	235,069			235,0
15 Completion Unit, Swab,		-	-	15,000	15,0
16 Perforating, Wireline, Sli		-	379,842	-	379,8
17 High Pressure Pump Tru		-	119,106	-	119,1
18 Completion Unit, Swab,		-	141,530	-	141,5
20 Mud Circulation System	_	101,651	-	-	101,6
21 Mud Logging		16,936	- 0.055	-	16,9
22 Logging / Formation Eval	iuation	7,024	8,057	10,000	15,0
23 Mud & Chemicals	_	349,599 41,989	423,367	10,000	782,9
24 Water 25 Stimulation	-		639,251 786,506	300,000	981,2 786,5
26 Stimulation Flowback &	Disn	-	117,494	150,000	267,4
28 Mud / Wastewater Dispo		186,574	59,083	150,000	245,6
30 Rig Supervision / Engine		117,098	128,908	21,667	267,6
32 Drlg & Completion Over		10,071	- 120,700	-	10,0
35 Labor	-	148,172	67,140	101,667	316,9
54 Proppant	-	-	1,212,780		1,212,7
95 Insurance	-	14,164	-	-	14,1
97 Contingency	-	-	23,595	3,833	27,4
99 Plugging & Abandonme		-			
	TOTAL INTANGIBLES >	3,397,506	5,185,507	772,167	9,355,1
TANGIBLE	COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
60 Surface Casing	\$	118,101	-	-	\$ 118,1
61 Intermediate Casing	-	332,642	-	-	332,6
62 Drilling Liner	-	-	-	-	
63 Production Casing		663,806	-	-	663,8
64 Production Liner	_	-		-	-
65 Tubing 66 Wellhead	-	62,628		140,000 40,000	140,0 102,6
67 Packers, Liner Hangers	-	14,234		20,000	34,2
68 Tanks	-	14,2,4		45,833	45,8
69 Production Vessels	-			126,667	126,6
70 Flow Lines	-	-		66,667	66,6
71 Rod string	-	-			
72 Artificial Lift Equipment	t -	-	-	90,000	90,0
73 Compressor	-	-	-	5,833	5,8
74 Installation Costs	-	-	-		-
75 Surface Pumps	_	-		61,667	61,6
76 Downhole Pumps		-	-		
77 Measurement & Meter Ir		-	-	116,667	116,6
78 Gas Conditioning / Dehy		-		-	
79 Interconnecting Facility I	Piping	-		20,000	20,0
80 Gathering / Bulk Lines	lows -			100 222	108,3
81 Valves, Dumps, Controll 82 Tank / Facility Containm				108,333	43,3
83 Flare Stack	-	<del></del>		16,667	16,6
84 Electrical / Grounding	-	<del></del>		50,000	50,0
85 Communications / SCAL	DA -			36,667	36,6
86 Instrumentation / Safety	-			833	- 8
,	TOTAL TANGIBLES >	1,191,410	0	989,167	2,180,5
	TOTAL COSTS >	4,588,916	5,185,507	1,761,334	11,535,7
EPARED BY Permian Res Drilling Enginee Completions Enginee Production Enginee	er: PS er: ML				
nian Resources Operatir					
				**** -	
Co-CE	WH	Co-CEC	' IW	VP - Opera	crm
		VP - Geosciences	3		CIVIVI
VP - Land & Leg	çan				
VP - Land & Leg	BG		SO		

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Company Name:

Date: Approval: Yes Received by OCD: 7/14/2023 12:17:21 PM

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## Permian Resources Operating, LLC 300 N. Marienfeld St., Ste. 1000 Midland, TX 79701

DOCATIONS   Section 4, 120-R548    COUNTY, FATE   Les County, New Mexics   DRILLING DAYS   CONTESTION DAYS   CONTESTI				222 • Fax (432) 695-4063		
WELL NAME	DATE		F COSTS AND AU	THORIZATION FOR EXPENI		1
DOCATIONS   Section 4, 120-R548    COUNTY, FATE   Les County, New Mexics   DRILLING DAYS   CONTESTION DAYS   CONTESTI			Н			1 Teas; Bone Spring
LATERAL LINGTH   Perminan W			11			19,895' / 9,610'
Permian W:					_	10,000'
Defile horizontal FBSC well and complete with 44 stages. AFE includes drilling, completions, flowback install cost			-		_	19.6
NITANGIBLE COSTS	GEOLOGIC TARGET:	FBSG			COMPLETION DAYS:	18.6
NTANGIBLE COSTS	REMARKS:		ell and complete v	with 44 stages. AFE include	s drilling, completions, fl	owback and Initial AL
Section   Sect			DRILLING	COMPLETION	PRODUCTION	TOTAL
2   2   2   2   2   2   2   2   2   2		COSTS		COSTS		COSTS
4 Freight / Transportation		ges \$_		16 141		\$ 90,268 276,003
Sential - Downhole Equipment   185,520		_				106,660
Transport   Tran						408,518
10 Directional Drilling, Surveys		nent _				236,949 91,627
11 Drilling		eys -				383,743
15 Fuel & Flower   168,799		_			-	673,443
14 Cementing & Float Equip   217,554   .		-				89,495 816,540
10 Perforating, Wireline, Sicklickine		-				217,354
17 High Pressure Pump Track	15 Completion Unit, Swab, 0	CTU -				15,000
18 Completion Unit, Swab, CTU						351,218 110,130
21 Mud Logding						130,865
22 Logging / Formation Evaluation	20 Mud Circulation System	_				93,991
23 Mude Chemicals   332,3254   391,465   10,000   24 Water   38,825   591,075   225,000   25 Stimulation Flowback & Disp     108,640   150,000   28 Mud/Wastewater Disposal   172,514   54,830     108,640   150,000   28 Mud/Wastewater Disposal   172,514   54,830     108,640   150,000   28 Mud/Wastewater Disposal   172,514   54,830       172,514   193,000   20		uation				15,660 13,944
24 Water   38.825   591,078   225,000   25 Stimulation   772,726		_	323,254	391,463	10,000	724,717
28 Stimulation Flowback & Disp	24 Water	_	38,825	591,078		854,903
28 Mud   Wastewater Disposal   172.514   54,650		Disn				727,236 258,640
108,273   119,194   21,667   308,273   119,194   21,667   308,273   21,67   308,273   21,67   308,273   31,210   308,273   31,210   308,273   31,210   308,273   31,210   308,273   31,210,238   308,273   31,210,238   308,273   31,210,238   32,21						227,144
137,065   62,080   101,667   101,6	30 Rig Supervision / Engine	ering	108,273		21,667	249,134
1,121,387		nead				9,312
99 Insurance   13,096		-				300,753 1,121,387
TOTAL INTANGIBLES   3,141,476		-				13,096
TOTAL INTANGIBLES   3,141,476		. =		21,817	3,833	25,650
TANGIBLE COSTS	99 Flugging & Abandonmen			4,794,736	697,167	8,633,379
TANGIBLE COSTS			DRILLING		PRODUCTION	TOTAL
Management   Man		OSTS	COSTS			COSTS
62 Drilling Liner 63 Production Casing 64 Production Liner 65 Tubing 65 Tubing 75 Fackers, Liner Hangers 65 Tubing 76 Fackers, Liner Hangers 61 Tanks 70 Flow Lines 70 Flow Lines 70 Flow Lines 71 Rod string 72 Artificial Lift Equipment 73 Compressor 74 Installation Costs 75 Surface Pumps 75 Corporate & Cocces 76 Roas Conditioning / Debydration 79 Interconnecting Facility Piping 70 Gas Conditioning / Debydration 79 Interconnecting Facility Piping 70 Gas Conditioning / Debydration 70 Houses 71 Activity Piping 72 Cocces 73 Surface Pumps 74 Cocces 75 Surface Pumps 75 Surface Pumps 76 Cocces 76 Cocces 77 Measurement & Meter Installation 78 Cas Conditioning / Debydration 79 Interconnecting Facility Piping 70 Cocces 71 Cocces 72 Completions Scanda 73 Compressor 74 Cocces 75 Surface Pumps 75 Completions Cocces 76 Cocces 77 Measurement & Meter Installation 78 Cocces 79 Interconnecting Facility Piping 70 Cocces 70 Cocces 71 Cocces 71 Cocces 72 Cocces 73 Compressor 74 Cocces 75 Completions Engineer: 75 Completions Engineer: 75 Completions Engineer: 75 Completions Engineer: 75 Cocces 76 Cocces 77 Measurement Cocces 77 Measurement Cocces 77 Measurement Cocces 77 Measurement Cocces 78 Cocces 79 Cocces 70 Cocces 71 Cocces		\$_				\$ 109,201
63 Production Casing 64 Production Liner		-	307,574			307,574
140,000   66 Wellhead   57,908   - 140,000   67 Packers, Liner Hangers   13,161   - 20,000   67 Packers, Liner Hangers   13,161   - 20,000   68 Tanks   - 45,833		-	613,783			613,783
Street   S	64 Production Liner	_				-
13,161   - 20,000		_				140,000 97,908
68 Tanks   -   -   45,833   -   -   125,667   -   126,667   -   -   126,667   -   -   -   -   -   -   -   -   -		-				33,161
70 Flow Lines	68 Tanks	_	-	-	45,833	45,833
71 Rod string		_		-		126,667
72 Artificial Lift Equipment 73 Compressor 74 Installation Costs 74 Installation Costs 75 Surface Pumps 75 Downhole Pumps 7		-				66,667
73 Compressor		-				90,000
75 Surface Pumps 76 Downhole Pumps 77 Measurement & Meter Installation 77 Measurement & Meter Installation 77 Measurement & Meter Installation 78 Gas Conditioning / Dehydration 79 Interconnecting Facility Piping 80 Gathering / Bulk Lines 81 Valves, Dumps, Controllers 81 Valves, Dumps, Controllers 91 Jungs, Controllers 92 Tank / Facility Containment 93 Sea Tank / Facility Containment 94 Jungs, Controllers 95 Jungs, Controllers 96 Instrumentation / Sea Tank / Facility Containment 96 Sea Tank / Facility Containment 97 Jungs, Controllers 98 Genstrumentation / Sea Tank / Facility Containment 99 Jungs / Facility Containment 90 Jungs / Facility Containmen				-	5,833	5,833
76 Downhole Pumps 77 Measurement & Meter Installation 78 Gas Conditioning / Dehydration 79 Interconnecting Facility Piping 9		_				61.667
77 Measurement & Meter Installation 78 Gas Conditioning / Dehydration 79 Interconnecting Facility Piping 90 Gathering / Bulk Lines 91		-				01,007
79 Interconnecting Facility Piping 80 Gathering / Bulk Lines		stallation	-	-	116,667	116,667
Section   Sect						-
81 Valves, Dumps, Controllers 82 Tank/ Facility Containment 93 Tank/ Facility Containment 94 Electrical/ Grounding 95 Cambundations/ SCADA 96 Electrical/ Grounding 96 Cambundations/ SCADA 97 CADA 98 Electrical/ Grounding 97 CADA 98 Communications/ SCADA 98 Communications/ SCADA 98 Communications/ Safety 10 CADA 10 CA		iping _				20,000
82 Tank/ Facility Containment  83 Tank / Facility Containment  84 Electrical / Grounding  85 Campunications / SCADA  86 Instrumentation / Safety  TOTAL TANGIBLES > 1,101,627  TOTAL COSTS > 4,243,103  TOTAL COSTS > 4,243,103  TOTAL TANGIBLES > 1,101,627  TOTAL COSTS > 4,243,103  TOTAL COSTS > 4,2		rrs				108,333
84 Electrical/ Grounding 85 Communications / SCADA 85 Communications / SCADA 86 Instrumentation / Safety TOTAL TANGIBLES > 1,101,627	82 Tank / Facility Containme			-	43,333	43,333
85 Communications / SCADA 86 Instrumentation / Safety		=		-		16,667 50,000
S6 Instrumentation / Safety		A -				36,667
TOTAL COSTS > 4,243,103 4,794,736 1,686,354  EPARED BY Permian Resources Operating, LLC:  Drilling Engineer: PS Completions Engineer: ML Production Engineer: DC  Trainan Resources Operating, LLC APPROVAL:  Co-CEO VP - Operations  WH JW			-		853	853
EPARED BY Permian Resources Operating, LLC:  Drilling Engineer: PS Completions Engineer: ML Production Engineer: DC  Trainan Resources Operating, LLC APPROVAL:  Co-CEO VP - Operations						2,090,814
Drilling Engineer: PS Completions Engineer: ML Production Engineer: DC  Trainan Resources Operating, LLC APPROVAL:  Co-CEOWH		TOTAL COSTS >	4,243,103	4,794,736	1,686,354	10,724,193
Drilling Engineer: PS Completions Engineer: ML Production Engineer: DC  Trainan Resources Operating, LLC APPROVAL:  Co-CEOWH						
Completions Engineer: ML Production Engineer: DC  Trainan Resources Operating, LLC APPROVAL:  Co-CEOWH	EFAKED BY Permian Res	ources Operating, LLC:				
Production Engineer: DC  TIMIAN Resources Operating, LLC APPROVAL:  Co-CEO CO-CEO VP - Operations  WH JW	Drilling Enginee	r: PS				
Co-CEO Co-CEO VP - Operations WH JW						
Co-CEO VP - Operations JW	Production Engineer	T: DC				
Co-CEO VP - Operations JW	mian Bassara O "	a LLC ADDDONAL.				
WH JW	-					
	Co-CEC		C	Co-CEO	VP - Opera	
VP - Land & Legal VP - Geosciences	VD Y J 0 Y		VD C	JW		CRM
VP - Land & Legal VP - Geosciences SO	VP - Land & Lega	BG BG	VP - Geos			
		-				
ON OPERATING PARTNER APPROVAL:	ON OPERATING PARTNI	ER APPROVAL:				
Company Name: Working Interest (%): Tax ID:				Working Interest (%)	Tr.	av ID:
Tax ID:	Company Name			WOLKING INTEREST (%):	1	an al-
Signed by: Date:	Signed by	r		Date:		
Title: Approval: ☐ Yes ☐ N	Title	25		Approval:	Yes	No (mark one)

Permian Resources Operating, LLC 300 N. Marienfeld St., Stc. 1000 Midland, TX 79701
Phone (432) 695-4222 • Fax (432) 695-4063

#### ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

FIELD:	Teas; Bone Sprin; 20,615' / 10,330' 19,60 18.6 flowback and Initial  TOTAL COSTS  \$ 91 284 109 417 244 94 395 693 92 841 223 151 361 113 134 96 16 14 746 889 749 261 261
LATERAL LENGTH: DRILLING DAYS: COMPLETION DAYS: ludes drilling, completions,  PRODUCTION COSTS  37,500 5 2,500 1 105,000 1	10,000' 19.6 18.6 18.6 flowback and Initial  TOTAL COSTS \$ 91 284 109 417 244 94 395 6633 92 841 223 15 361 113 134 96 166 14 746 888 749 261
LATERAL LENGTH: DRILLING DAYS: COMPLETION DAYS: ludes drilling, completions,  PRODUCTION COSTS  37,500 5 2,500 1 105,000 1	10,000' 19.6 18.6 18.6 flowback and Initial  TOTAL COSTS \$ 91 284 109 417 244 94 395 6633 92 841 223 15 361 113 134 96 166 14 746 888 749 261
DRILLING DAYS: COMPLETION DAYS: dudes drilling, completions,  PRODUCTION COSTS  37,500 5 2,500 4 25,000 1 105,000 1	19.6 18.6 18.6 flowback and Initial  TOTAL COSTS \$ 91 284 109 417 244 395 693 92 841 131 134 96 166 14 746 888 749 261
COMPLETION DAYS: ludes drilling, completions, completions, completions, constant and constant an	18.6 flowback and Initial  TOTAL COSTS  \$ 91 284 109 417 244 4395 693 92 841 2233 15 361 113 134 96 66 14 744 888 8749 261
PRODUCTION COSTS  37,500 5	TOTAL COSTS  \$ 91 284 109 417 244 94 395 693 15 16 113 134 96 16 14 746 898 749 261
PRODUCTION COSTS  37,500 5	TOTAL COSTS \$ 91 284 109 417 244 94 395 693 92 841 223 15 361 113 134 96 166 14 746 888 749 261
PRODUCTION COSTS  37,500 5	TOTAL COSTS \$ 91 284 109 417 244 94 395 693 92 841 223 15 361 113 134 96 166 14 746 888 749 261
COSTS  37,500  5	COSTS  \$ 91 284 109 417 2244 94 395 693 392 841 223 15 361 113 134 96 166 14 746 888 749 261
COSTS  37,500  5	COSTS  \$ 91 284 109 417 2244 94 395 693 392 841 223 15 361 113 134 96 166 14 746 888 749 261
COSTS  37,500  37,500  4	COSTS  \$ 91 284 109 417 2244 94 395 693 392 841 223 15 361 113 134 96 166 14 746 888 749 261
37,500 5 2,500 4 25,000 1 1 105,000 1	\$ 91 284 109 417 244 395 693 92 841 113 134 96 16 14 746 888 749 261
5	284 109 417 244 395 693 92 841 113 114 96 16 14 746 898 749 261
4 25,000 1 105,000 1 1	109 417 244 94 395 693 92 841 223 15 361 113 134 96 16 14 746 888 749 261
1 105,000 1	41/7 244 395 693 92 841 113 134 96 16 14 746 888 749 261
1	244 34 395 693 92 841 223 15 361 113 134 96 16 47 7449 261
1	94 395 693 92 841 223 15 361 113 96 16 14 746 888 749 261
	395 693 92 841 223 15 361 113 134 96 16 14 746 898 749 261
15,000  4	693 92 841 223 15 361 113 134 96 16 47 744 888 261
15,000  4	92 841 223 15 361 113 134 96 16 14 746 88 8749 261 233
3 - 15,000 4	841 223 15 361 113 134 96 16 14 746 888 749 261
15,000 4 4	223 15 361 113 96 16 14 746 888 749 261 233
15,000 4	15 361 113 134 96 16 14 746 898 749 261
4	361 113 134 96 16 14 746 898 749 261
4	113 134 966 16 14 746 888 749 261
1	134 96 16 144 746 898 749 261
3 7 10,000 5 250,000 3 9 150,000 9 21,667 9 21,667 9	96 16 14 746 898 749 261 233
3	16 14 746 898 749 261 233
3	14 746 898 749 261 233
7 10,000 25,000 25,000 25,000 3	746 898 749 261 233
0 250,000 3 3 150,000 9 150,000 9 21,667 2 101,667 9 3,833	898 749 261 233
3 - 15,000 9 - 15,000 9 - 21,667 - 2 101,667 9	749 261 233
3 - 15,000 9 - 15,000 9 - 21,667 - 2 101,667 9	749 261 233
9 150,000 9 21,667 2 101,667 9	261 233
9 21,667 2 101,667 9	233
21,667 - 22 101,667 - - - 22 3,833	255
2 101,667 9 - 2 3,833	/22
2 101,667 9 - - 2 3,833	9
2 3,833	306
3,833	1,155
3,833	13
-	26
_	
78 722,167	
	8,890
PRODUCTION	TOTAL
COSTS	COSTS
	\$ 112
	316
	632
<del> </del>	
140,000	140
40,000	99
20,000	33
20,000	
45,833	45
126,667	126
66,667	66
	90
5,833	5
	61
116,667	116
20,000	20
-	
108,333	108
43,333	43
16,667	16
50,000	50
	36
833	2,12
_	
0 989,167	11,020
	20,000 108,333 43,333 16,667 50,000 36,667 833 989,167

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Company Name:

Date: Approval: Yes

Permian Resources Operating, LLC 300 N. Marienfeld St., Stc. 1000 Midland, TX 79701
Phone (432) 695-4222 • Fax (432) 695-4063

LOCATION: Section COUNTY/STATE: Lea C Permian WI: GEOLOGIC TARGET: SBSG	a horizontal SBSG we	I		_	1
LOCATION:	on 4, T20S-R34E County, New Mexico G a horizontal SBSG we			FIELD:	Teas; Bone Spring
COUNTY/STATE: Lea C Permian WI: GEOLOGIC TARGET: SBSG Drill instal  INTANGIBLE COSTS  1 Land/Legal/Regulatory 2 Location, Surveys & Damages	County, New Mexico  G  a horizontal SBSG we			MD/TVD:	20,290' / 10,005'
Permian WI: GEOLOGIC TARGET: SBSG Drill i REMARKS: instal  INTANGIBLE COSTS I Land/Legal/Regulatory 2 Location, Surveys & Damages	a horizontal SBSG we			LATERAL LENGTH:	10,000'
GEOLOGIC TARGET: SBSG Drill i  REMARKS: instal  INTANGIBLE COSTS I Land/Legal/Regulatory 2 Location, Surveys & Damages	a horizontal SBSG we			DRILLING DAYS:	19.6
Drill instal  INTANGIBLE COSTS 1 Land/Legal/Regulatory 2 Location, Surveys & Damages	a horizontal SBSG we		,	COMPLETION DAYS:	18.6
REMARKS: instal  INTANGIBLE COSTS 1 Land/Legal/Regulatory 2 Location, Surveys & Damages		Il and sometime 22		_	
INTANGIBLE COSTS 1 Land/Legal/Regulatory 2 Location, Surveys & Damages	ii cost	ii and complete with	44 stages. AFE includes of	arilling, completions, fi	owback and initial P
1 Land/Legal/Regulatory 2 Location, Surveys & Damages					
1 Land/Legal/Regulatory 2 Location, Surveys & Damages		DRILLING	COMPLETION	PRODUCTION	TOTAL
2 Location, Surveys & Damages		COSTS	COSTS	COSTS	COSTS
	\$	54,351		37,500	\$ 91,8
4 Freight / Transportation	_	265,083	16,625	2,500	284,2
	_	43,826	40,284	25,000	109,1
5 Rental - Surface Equipment 6 Rental - Downhole Equipment	_	114,402 189,026	198,221 55,031	105,000	417,6 244,0
7 Rental - Living Quarters	_	44,244	50,131		94,3
10 Directional Drilling, Surveys	_	395,255		-	395,2
11 Drilling	_	693,647	-	-	693,6
12 Drill Bits	_	92,179	-	-	92,1
13 Fuel & Power	_	173,853	667,183	-	841,0
14 Cementing & Float Equip	_	223,875	-	-	223,8
15 Completion Unit, Swab, CTU	_	-	-	15,000	15,0
16 Perforating, Wireline, Slickline	_	-	361,754	-	361,7
17 High Pressure Pump Truck	_		113,434		113,4
18 Completion Unit, Swab, CTU 20 Mud Circulation System	_	96,811	134,791	-	134,7
20 Mud Circulation System 21 Mud Logging	_	16,130			16,1
22 Logging / Formation Evaluation	_	6,690	7,673		14,3
23 Mud & Chemicals	_	332,951	403,207	10,000	746,1
24 Water	_	39,990	608,810	250,000	898,8
25 Stimulation	_	-	749,053	-	749,0
26 Stimulation Flowback & Disp	_	-	111,899	150,000	261,8
28 Mud / Wastewater Disposal	_	177,689	56,269		233,9
30 Rig Supervision / Engineering	_	111,522	122,769	21,667	255,9
32 Drlg & Completion Overhead		9,591	-	-	9,5
35 Labor	_	141,116	63,942	101,667	306,7
54 Proppant	_	12 490	1,155,029		1,155,0
95 Insurance 97 Contingency	_	13,489	22,472	3,833	13,4 26,3
99 Plugging & Abandonment	_		22/172	- 3,033	20,5
	AL INTANGIBLES >	3,235,720	4,938,578	722,167	8,896,4
1012	AL INTAINGIBLES -			-	
m		DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
TANGIBLE COSTS 60 Surface Casing	S	112,477	-		\$ 112.4°
61 Intermediate Casing	~_	316,801			316,8
62 Drilling Liner	_				
63 Production Casing	_	632,196	-	-	632,1
64 Production Liner	_	-	-	-	
65 Tubing	_	-	-	140,000	140,0
66 Wellhead	_	59,645		40,000	99,6
67 Packers, Liner Hangers	_	13,556	-	20,000	33,5
68 Tanks	_	-	-	-	-
69 Production Vessels	_			45,833	45,8
70 Flow Lines	_	-		126,667	126,6
71 D - J -t-:				90,000	90,0
	_	-	-		20,0
72 Artificial Lift Equipment	=				5.8
72 Artificial Lift Equipment 73 Compressor	=			5,833	5,8
72 Artificial Lift Equipment 73 Compressor 74 Installation Costs	=	-	-		-
72 Artificial Lift Equipment 73 Compressor 74 Installation Costs 75 Surface Pumps	=======================================			61,667	61,6
71 Rod string 72 Artificial Lift Equipment 73 Compressor 74 Installation Costs 75 Surface Pumps 76 Downhole Pumps 77 Measurement & Meter Installation		-	-		
72 Artificial Lift Equipment 73 Compressor 74 Installation Costs 75 Surface Pumps 76 Downhole Pumps 77 Measurement & Meter Installation 78 Gas Conditioning / Dehydration		- - -	- - -	61,667 116,667	61,6
72 Artificial Lift Equipment 73 Compressor 74 Installation Costs 75 Surface Pumps 76 Downhole Pumps 77 Measurement & Meter Installation 78 Gas Conditioning/ Dehydration 79 Interconnecting Facility Piping			- - - - -	61,667 116,667	61,6
72 Artificial Lift Equipment 73 Compressor 74 Installation Costs 75 Surface Pumps 76 Downhole Pumps 77 Measurement & Meter Installation 78 Gas Conditioning/ Dehydration 79 Interconnecting Facility Piping 80 Gathering/ Bulk Lines		- - - - - - - -	- - - - - -	61,667 116,667 - 20,000	61,6 - 116,6 - 20,0
72 Artificial Lift Equipment 73 Compressor 74 Installation Costs 75 Surface Pumps 76 Downhole Pumps 77 Measurement & Meter Installation 78 Gas Conditioning / Dehydration 79 Interconnecting Facility Piping 80 adhering / Bulk Lines 81 Valves , Dumps, Controllers				61,667 116,667 20,000 108,333	116,6 20,0 108,3
72 Artificial Lift Equipment 73 Compressor 74 Installation Costs 75 Surface Pumps 76 Downhole Pumps 77 Measurement & Meter Installation 78 Gas Conditioning/Dehydration 79 Interconnecting Facility Piping 80 Gathering/Bulk Lines 81 Valves, Dumps, Controllers 82 Tank/Facility Containment	n		- - - - - - - - -	61,667 116,667 - 20,000 - 108,333 43,333	61,6 - 116,6 - 20,0 188,3 43,3
72 Artificial Lift Equipment 73 Compressor 74 Installation Costs 75 Surface Pumps 76 Downhole Pumps 77 Measurement & Meter Installation 78 Gas Conditioning/Dehydration 79 Interconnecting Facility Piping 80 Gathering/Bulk Lines 81 Valves, Dumps, Controllers 82 Tank/Facility Containment 83 Flare Stack	m			61,667 116,667 20,000 108,333 43,333 16,667	61,6 116,6 20,0 108,3 43,3 16,6
72 Artificial Lift Equipment 73 Compressor 74 Installation Costs 75 Surface Pumps 76 Downhole Pumps 77 Measurement & Meter Installation 79 Interconnecting Facility Piping 80 Gathering / Bulk Lines 81 Valves, Dumps, Controllers 82 Tank / Facility Containment 83 Flare Stack 84 Electrical / Grounding	n		- - - - - - - - -	61,667 116,667 	61,6 116,6 20,0 108,3 43,3 16,6 50,0
72 Artificial Lift Equipment 73 Compressor 74 Installation Costs 75 Surface Pumps 76 Downhole Pumps 77 Measurement & Meter Installation 78 Gas Conditioning/ Dehydration 79 Interconnecting Facility Piping 80 Gathering/ Bulk Lines 81 Valves, Dumps, Controllers 82 Tank/ Facility Containment 83 Flare Stack 84 Electrical / Grounding 85 Communications / SCADA	n		- - - - - - - - -	61,667 116,667 	116,6 - 20,0 - 108,3 43,3 16,6 50,0 36,6
72 Artificial Lift Equipment 73 Compressor 74 Installation Costs 75 Surface Pumps 76 Downhole Pumps 77 Measurement & Meter Installation 79 Interconnecting Facility Piping 80 Gas Conditioning / Dehydration 79 Interconnecting Facility Piping 80 Adhering / Bulk Lines 81 Valves, Dumps, Controllers 82 Tank/ Facility Containment 83 Flare Stack 84 Electrical / Grounding 85 Communications / SCADA 86 Instrumentation / Safety	on		- - - - - - - - -	61,667 116,667 	61,6 116,6 20,0 108,3 43,3 16,6 50,0

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Company Name: Signed by:

Date: Approval: Yes

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Permian Resources Operating, LLC 300 N. Marienfeld St., Stc. 1000 Midland, TX 79701
Phone (432) 695-4222 • Fax (432) 695-4063

#### ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

DATE:	0.18.0000		RIZATION FOR EXPENDI		
TATELY NIABEE	2.17.2023			AFE NO.:	1 T P Ci
WELL NAME:	Bane 4-9 Federal Com 173	п		FIELD:	Teas; Bone Spring
LOCATION:	Section 4, T20S-R34E			MD/TVD:	20,700' / 10,415'
COUNTY/STATE:	Lea County, New Mexico			LATERAL LENGTH:	10,000'
Permian WI:	TROC			DRILLING DAYS:	19.6
GEOLOGIC TARGET:	TBSG			COMPLETION DAYS:	18.6
REMARKS:	Drill a horizontal TBSG w install cost	ell and complete with	44 stages. AFE includes	drilling, completions, fl	owback and Initial A
	notan cost				
INTANGIBLE	COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
1 Land / Legal / Regulatory	s	55,739	-	37,500	\$ 93,23
2 Location, Surveys & Dam	ages	271,852	17,050	2,500	291,40
4 Freight / Transportation	_	44,945	41,312	25,000	111,25
Rental - Surface Equipme		117,323	203,283	105,000	425,60
6 Rental - Downhole Equip 7 Rental - Living Quarters	ment _	193,853 45,374	56,437 51,411	-	250,28 96,78
10 Directional Drilling, Sur	vevs _	405,348	31,411		405,34
11 Drilling	-	711,359			711,35
12 Drill Bits	-	94,533	-	-	94,53
3 Fuel & Power	_	178,292	684,220	-	862,51
4 Cementing & Float Equi		229,592		-	229,59
15 Completion Unit, Swab,		-	-	15,000	15,00
16 Perforating, Wireline, Sl		-	370,992	-	370,99
17 High Pressure Pump Tru			116,330	-	116,33
18 Completion Unit, Swab, 20 Mud Circulation System		99,283	138,232		138,23 99,28
21 Mud Logging	-	16,542			16,54
22 Logging / Formation Eva	luation	6,860	7,869		14,72
23 Mud & Chemicals	_	341,453	413,503	10,000	764,95
24 Water	-	41,011	624,356	300,000	965,36
25 Stimulation	-	-	768,180	-	768,18
26 Stimulation Flowback &			114,757	150,000	264,75
28 Mud / Wastewater Dispo		182,227	57,706	-	239,93
30 Rig Supervision / Engine		114,369	125,904	21,667	261,94
32 Drlg & Completion Over 35 Labor	rnead	9,836 144,719	65,575	101.667	9,83 311,96
54 Proppant	-	144,/17	1,184,522	101,007	1,184,52
95 Insurance	-	13,834	1,104,322		13,83
7 Contingency	-	-	23,045	3,833	26,87
99 Plugging & Abandonme	nt -	-	-	-	
	TOTAL INTANGIBLES >	3,318,344	5,064,685	772,167	9,155,1
TANGUNE	COCTO	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
TANGIBLE 60 Surface Casing	COSTS \$	115,349	-	-	\$ 115,34
61 Intermediate Casing	_	324,891	-	-	324,89
2 Drilling Liner		-	-	-	-
63 Production Casing	_	648,340			648,34
64 Production Liner	_			140,000	- 110.00
55 Tubing 56 Wellhead	_	61,169		140,000 40,000	140,00
7 Packers, Liner Hangers	-	13,902		20,000	33,90
i8 Tanks	-	-		45,833	45,83
9 Production Vessels	-	-	-	126,667	126,66
70 Flow Lines	-	-		66,667	66,66
'1 Rod string	_	-	-	-	-
2 Artificial Lift Equipment	t	-	-	90,000	90,00
3 Compressor		-			
				5,833	
	_	-	-		-
75 Surface Pumps	=	-	-	5,833 61,667	61,66
75 Surface Pumps 76 Downhole Pumps	- - 	-		61,667	61,66
5 Surface Pumps 6 Downhole Pumps 7 Measurement & Meter II		-	-		61,66
5 Surface Pumps 6 Downhole Pumps 7 Measurement & Meter In 8 Gas Conditioning/Dehy	dration	- - -	-	61,667	61,66
5 Surface Pumps 6 Downhole Pumps 7 Measurement & Meter II 8 Gas Conditioning/ Dehy 9 Interconnecting Facility	dration	- - - -	-	61,667 116,667	61,66
5 Surface Pumps 6 Downhole Pumps 7 Measurement & Meter II 8 Gas Conditioning/ Dehy 9 Interconnecting Facility 0 Gathering/ Bulk Lines 1 Valves, Dumps, Controll	rdration Piping ers	- - - - -	-	61,667 116,667 20,000 108,333	
5 Surface Pumps 6 Downhole Pumps 7 Measurement & Meter It 8 Gas Conditioning/Dehy 9 Interconnecting Facility 0 Gathering/Bulk Lines 1 Valves, Dumps, Controll 2 Tank/Facility Containm	rdration Piping ers	- - - -	-	61,667 116,667 - 20,000 - 108,333 43,333	- 61,66 - 116,66 20,00 108,33 - 43,33
75 Surface Pumps 76 Downhole Pumps 76 Downhole Pumps 77 Measurement & Meter Ir 78 Gas Conditioning/ Dehy 79 Interconnecting Facility 10 Gathering/ Bulk Lines 81 Valves, Dumps, Controll 12 Tank/ Facility Containm 13 Flare Stack	rdration Piping ers	- - - -	-	61,667 116,667 20,000 108,333	- 61,66 - 116,66 20,00 108,33 - 43,33
5 Surface Pumps 6 Downhole Pumps 7 Measurement & Meter Ir 8 Gas Conditioning/Dehy 9 Interconnecting Facility: 0 Gathering/Bulk Lines 11 Valves, Dumps, Controll 2 Tank/Facility Containm 3 Flare Stack 4 Electrical / Grounding	vdration Piping ers ent		-	61,667 116,667 	116,64 - 21,66 - 20,00 - 108,33 43,33 16,66 50,00
5 Surface Pumps 6 Downhole Pumps 7 Measurement & Meter Ir 8 Gas Conditioning/Dehy 9 Interconnecting Facility 0 Gathering/Bulk Lines 11 Valves, Dumps, Controll 2 Tank/Facility Containin 3 Flare Stack 4 Electrical/Grounding 5 Communications/SCAI	vdration Piping ers ent		-	61,667 116,667 20,000 - 108,333 43,333 16,667 50,000 36,667	116,66 
5 Surface Pumps 6 Downhole Pumps 7 Measurement & Meter Ir 8 Gas Conditioning/Dehy 9 Interconnecting Facility 0 Gathering/Bulk Lines 11 Valves, Dumps, Controll 2 Tank/Facility Containin 3 Flare Stack 4 Electrical/Grounding 5 Communications/SCAI	vdration Piping ers ent			61,667 	116,66 116,66 20,00 108,33 43,33 16,66 50,00 36,66
75 Surface Pumps 76 Measurement & Meter Ir 78 Gas Conditioning/Deh 79 Interconnecting Facility 70 Gathering/Bulk Lines 11 Valves, Dumps, Controll 22 Tank / Facility Contain 33 Flare Stack 44 Electrical / Grounding 55 Communications / SCAL	vdration Piping ers ent  DA TOTAL TANGIBLES	1,163,650		61,667 	61,66 
5 Surface Pumps 6 Downhole Pumps 7 Measurement & Meter Ir 8 Gas Conditioning/Dehy 9 Interconnecting Facility 0 Gathering/Bulk Lines 11 Valves, Dumps, Controll 2 Tank/Facility Containin 3 Flare Stack 4 Electrical/Grounding 5 Communications/SCAI	vdration Piping ers ent			61,667 	- 61,66 - 20,00 - 20,00 - 188,32 - 43,33 - 16,66 - 50,00 - 36,66 - 83 - 2,152,8
5 Surface Pumps 6 Downhole Pumps 7 Measurement & Meter Ir 8 Gas Conditioning/Deh 9 Interconnecting Facility 0 Gathering/Bulk Lines 11 Valves, Dumps, Controll 2 Tank/Facility Containm 3 Flare Stack 4 Electrical/Grounding 5 Communications/SCAI 6 Instrumentation/Safety	vdration Piping ers ent  DA TOTAL TANGIBLES	1,163,650		61,667 	- 61,66 - 20,00 - 20,00 - 188,32 - 43,33 - 16,66 - 50,00 - 36,66 - 83 - 2,152,8
75 Surface Pumps 76 Downhole Pumps 77 Measurement & Meter Ir 88 Gas Conditioning / Deh 79 Interconnecting Facility 80 Gathering / Bulk Lines 81 Valves, Dumps, Controll 82 Tank / Facility Containm 33 Flare Stack 44 Electrical / Grounding 85 Communications / SCAI 86 Instrumentation / Safety	Addition Piping ers ers ent  DA  TOTAL TANGIBLES > TOTAL COSTS > sources Operating, LLC:	1,163,650		61,667 	- 61,66 - 20,00 - 20,00 - 188,32 - 43,33 - 16,66 - 50,00 - 36,66 - 83 - 2,152,8
75 Surface Pumps 76 Downhole Pumps 77 Measurement & Meter Ir 78 Gas Conditioning/Dehy 79 Interconnecting Facility 80 Gathering/Bulk Lines 81 Valves, Dumps, Controll 82 Tank/Facility Containin 83 Flare Stack 44 Electrical/Grounding 85 Communications/SCAL 86 Instrumentation/Safety  PARED BY Permian Re-	ordration Piping ers ers  TOTAL TANGIBLES >  TOTAL COSTS >  Sources Operating, LLC: er: PS	1,163,650		61,667 	- 61,66 - 116,66 - 20,00 - 108,33 - 43,33 - 16,66 - 50,00 - 36,66 - 83 - 2,152,8
75 Surface Pumps 76 Downhole Pumps 77 Measurement & Meter Ir 88 Gas Conditioning / Deh 79 Interconnecting Facility 80 Gathering / Bulk Lines 81 Valves, Dumps, Controll 82 Tank / Facility Containm 33 Flare Stack 44 Electrical / Grounding 85 Communications / SCAI 86 Instrumentation / Safety	ordration Piping ers ers  TOTAL TANGIBLES >  TOTAL COSTS >  Sources Operating, LLC: er: PS er: ML	1,163,650		61,667 	- 61,66 - 20,00 - 20,00 - 188,32 - 43,33 - 16,66 - 50,00 - 36,66 - 83 - 2,152,8
75 Surface Pumps 76 Downhole Pumps 77 Measurement & Meter Ir 88 Gas Conditioning/Dehy 97 Interconnecting Facility 80 Gathering/Bulk Lines 81 Valves, Dumps, Controll 82 Tank / Facility Containm 83 Flare Stack 44 Electrical / Grounding 85 Communications / SCAI 86 Instrumentation / Safety  PARED BY Permian Re-  Drilling Enginee Completions Enginee Production Enginee	Available of the control of the cont	1,163,650		61,667 	- 61,66 - 20,00 - 20,00 - 188,32 - 43,33 - 16,66 - 50,00 - 36,66 - 83 - 2,152,8
75 Surface Pumps 76 Downhole Pumps 77 Measurement & Meter Ir 88 Gas Conditioning/Dehy 97 Interconnecting Facility 80 Gathering/Bulk Lines 81 Valves, Dumps, Controll 82 Tank / Facility Containm 83 Flare Stack 44 Electrical / Grounding 85 Communications / SCAI 86 Instrumentation / Safety  PARED BY Permian Re-  Drilling Enginee Completions Enginee Production Enginee	Available of the control of the cont	1,163,650 4,481,994	- - - - - - - - - - - 0 5,064,685	61,667 	- 61,66 - 20,00 - 20,00 - 188,32 - 43,33 - 16,66 - 50,00 - 36,66 - 83 - 2,152,8
75 Surface Pumps 76 Downhole Pumps 77 Measurement & Meter Ir 78 Gas Conditioning/Dehy 79 Interconnecting Facility 90 Gathering/Bulk Lines 81 Valves, Dumps, Controll 82 Tank/Facility Containm 33 Flare Stack 44 Electrical/Grounding 85 Communications/SCAI 86 Instrumentation/Safety  PARED BY Permian Re- Drilling Enginee Completions Enginee Production Enginee	ordration Piping ers ers  TOTAL TANGIBLES >  TOTAL COSTS >  Sources Operating, LLC: er: PS er: ML er: DC  ng, LLC APPROVAL:	1,163,650		61,667 	- 61,66 - 116,66 - 20,000 - 108,33 - 43,33 - 16,66 - 50,000 - 30,60 - 33 - 2,152,8 - 11,308,0
Drilling Enginee Completions Enginee Production Enginee	ordration Piping ers ers  TOTAL TANGIBLES >  TOTAL COSTS >  Sources Operating, LLC: er: PS er: ML er: DC  Mg, LLC APPROVAL:  WH	1,163,650 4,481,994		61,667	11,308,0

NON OPERATING PARTNER APPROVAL: Company Name:

Signed by: Date: Approval: Yes

# ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

DATE:	2.17.2023			AFE NO.:	1	
WELL NAME:	Bane 4-9 Federal Com 133H			FIELD:		
LOCATION:	Section 4, T20S-R34E			MD/TVD:	21,110' / 10,825'	
COUNTY/STATE:	Lea County, New Mexico			LATERAL LENGTH:	10,000'	
Permian WI:				DRILLING DAYS:	19.6	
GEOLOGIC TARGET:	TBSG			COMPLETION DAYS:	18.6	
	Drill a horizontal TBSG w	rell and complete with	44 stages. AFE includes	_		
REMARKS:	install cost					
***************************************	coome.	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS	
INTANGIBLE Land/Legal/Regulatory	COSTS	57,069	CO515		\$ 94,56	
Location, Surveys & Dama		278,338	17,456	37,500 2,500	298,29	
Freight/Transportation	_	46,017	42,298	25,000	113,31	
Rental - Surface Equipmen	t	120,122	208,133	105,000	433,25	
Rental - Downhole Equipn	ient	198,477	57,783	-	256,26	
Rental - Living Quarters		46,457	52,637	-	99,09	
0 Directional Drilling, Surv 1 Drilling	eys _	415,018 728,329			415,0° 728,3°	
2 Drill Bits	-	96,788			96,78	
3 Fuel & Power	-	182,546	700,542		883,08	
4 Cementing & Float Equip	-	235,069		-	235,0	
5 Completion Unit, Swab, C		-	-	15,000	15,0	
6 Perforating, Wireline, Slic		-	379,842	-	379,8-	
7 High Pressure Pump Truc			119,106		119,10	
3 Completion Unit, Swab, C 3 Mud Circulation System	-10	101,651	141,530		141,53 101,63	
Mud Logging	-	16,936			16,93	
2 Logging / Formation Eval	ation	7,024	8,057	-	15,00	
3 Mud & Chemicals	-	349,599	423,367	10,000	782,9	
4 Water	-	41,989	639,251	300,000	981,24	
5 Stimulation		-	786,506	-	786,50	
6 Stimulation Flowback & I		186,574	117,494 59,083	150,000	267,4° 245,6	
8 Mud/Wastewater Dispos O Rig Supervision/Engine		117,098	128,908	21,667	267,6	
2 Drlg & Completion Overl		10,071	120,900	21,007	10,0	
5 Labor	-	148,172	67,140	101,667	316,9	
4 Proppant	-	-	1,212,780	-	1,212,78	
5 Insurance	-	14,164	-	-	14,10	
7 Contingency		-	23,595	3,833	27,42	
9 Plugging & Abandonmen	-	-	-		-	
	TOTAL INTANGIBLES >	3,397,506	5,185,507	772,167	9,355,1	
	o o mo	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS	
TANGIBLE C O Surface Casing	0515	118,101	-	-	\$ 118,10	
1 Intermediate Casing	· -	332,642			332,6	
2 Drilling Liner	-	-	-		-	
3 Production Casing	-	663,806	-	-	663,8	
4 Production Liner		-	-	-		
5 Tubing	_	- (2.620		140,000	140,00	
6 Wellhead 7 Packers, Liner Hangers	-	62,628 14,234		40,000 20,000	102,63	
8 Tanks	-	14,234		45,833	45,8	
9 Production Vessels	-			126,667	126,60	
Flow Lines	-	-	-	66,667	66,60	
Rod string	-	-	-	-	-	
2 Artificial Lift Equipment		-	-	90,000	90,0	
3 Compressor		-	-	5,833	5,83	
I Installation Costs	_	-	-	(1.77	-	
5 Surface Pumps	-	-		61,667	61,6	
6 Downhole Pumps 7 Measurement & Meter In:	stallation	-	-	116,667	116,6	
8 Gas Conditioning/Dehy				- 10,007	- 110,0	
9 Interconnecting Facility P		-	-	20,000	20,0	
Gathering / Bulk Lines	-	-		-	-	
Valvos Dumns Controllo	rs	-		108,333	108,3	
		-		43,333	43,3	
2 Tank / Facility Containme			-	16,667 50,000	16,6	
2 Tank / Facility Containme 3 Flare Stack					50,0	
2 Tank/Facility Containme 3 Flare Stack 4 Electrical/Grounding	nt -		-	26.667		
2 Tank/Facility Containme 3 Flare Stack 4 Electrical/Grounding 5 Communications/SCAD.	nt -		-	36,667		
1 Valves, Dumps, Controlle 2 Tank/Facility Containme 3 Flare Stack 4 Electrical/Grounding 5 Communications/SCAD. 6 Instrumentation/Safety	nt -	1,191,410	- - - 0	26.667	2,180,5	
2 Tank / Facility Containme 3 Flare Stack 4 Electrical / Grounding 5 Communications / SCAD.	A -	1,191,410		36,667 833	2,180,	
Tank/Facility Containme Flare Stack Electrical/Grounding Communications/SCAD	A TOTAL TANGIBLES >		0	36,667 833 989,167	2,180,	
Pank/Facility Containme Flare Stack Electrical/Grounding Communications/SCAD. Instrumentation/Safety	TOTAL TANGIBLES >		0	36,667 833 989,167	2,180,5	
Tank/Facility Containments Flare Stack Electrical/Grounding Communications/SCAD. Instrumentation/Safety  ARED BY Permian Research	TOTAL TANGIBLES > TOTAL COSTS > ources Operating, LLC:		0	36,667 833 989,167	2,180,	
t Tank / Facility Containme Flare Stack Electrical / Grounding Communications / SCAD. Instrumentation / Safety ARED BY Permian Rese	TOTAL TANGIBLES > TOTAL COSTS >  burces Operating, LLC:		0	36,667 833 989,167	2,180,	
Tank / Facility Containments of Plare Stack Electrical / Grounding Communications / SCAD. Instrumentation / Safety  ARED BY Permian Research	TOTAL TANGIBLES > TOTAL COSTS >  burces Operating, LLC:		0	36,667 833 989,167	2,180,	
Tank / Facility Containme Flare Stack Electrical / Grounding Communications / SCAD. Instrumentation / Safety	TOTAL TANGIBLES > TOTAL COSTS > Durces Operating, LLC: :: PS :: ML		0	36,667 833 989,167	2,180,	
Tank/Facility Containments Flare Stack Electrical/Grounding Communications/SCAD. Instrumentation/Safety  ARED BY Permian Reserve Completions Engineer Production Engineer	TOTAL TANGIBLES > TOTAL COSTS > Durces Operating, LLC: : PS : ML : DC		0	36,667 833 989,167	2,180,	
Tank / Facility Containmes Flare Stack Electrical / Grounding Communications / SCAD. Instrumentation / Safety  ARED BY Permian Ress  Drilling Engineer Completions Engineer Production Engineer	TOTAL TANGIBLES > TOTAL COSTS > Durces Operating, LLC:  S ML DC  LLC APPROVAL:	4,588,916	- - 0 5,185,507	36,667 833 989,167 1,761,334	8 8 2,180,5 11,535,7	
2 Tank / Facility Containmes Flare Stack 4 Electrical / Grounding 5 Communications / SCAD. 5 Instrumentation / Safety  PARED BY Permian Ress  Drilling Engineer Completions Engineer	TOTAL TANGIBLES > TOTAL COSTS > DUrces Operating, LLC: S S ML DC LLC APPROVAL:		- 0 5,185,507	36,667 833 989,167	8, 2,180,5 11,535,;; 11,535,;; ttions	
Tank / Facility Containmes # Blaze Stack # Electrical / Grounding # Communications / SCAD. # Instrumentation / Safety  PARED BY Permian Rese  Drilling Engineer  Completions Engineer  Production Engineer  In Resources Operating  Co-CEC	TOTAL TANGIBLES > TOTAL COSTS >  DUTCES Operating, LLC: :: PS :: ML :: DC  Z. LIC APPROVAL:	4,588,916 Co-Cl	- 0 5,185,507	36,667 833 989,167 1,761,334	8: 2,180,5 11,535,7	
Tank / Facility Containmes Flare Stack Electrical / Grounding Communications / SCAD. Instrumentation / Safety  ARED BY Permian Ress  Drilling Engineer Completions Engineer Production Engineer	TOTAL TANGIBLES > TOTAL COSTS > DURCES Operating, LLC: :	4,588,916	- 0 5,185,507	36,667 833 989,167 1,761,334	8, 2,180,5 11,535,;; 11,535,;; ttions	
Tank / Facility Containmes # Blaze Stack # Electrical / Grounding # Communications / SCAD. # Instrumentation / Safety  PARED BY Permian Rese  Drilling Engineer  Completions Engineer  Production Engineer  In Resources Operating  Co-CEC	TOTAL TANGIBLES > TOTAL COSTS >  DUTCES Operating, LLC: :: PS :: ML :: DC  Z. LIC APPROVAL:	4,588,916 Co-Cl	- 0 5,185,507	36,667 833 989,167 1,761,334	8: 2,180,5 11,535,7 11,555,7 11,555,7 11,555,7 11,555,7 11,555,7 11,555,7 1	

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NON OPERATING PARTNER APPROVAL: Company Name: Signed by:

Date: Approval: Yes Received by OCD: 7/14/2023 12:17:21 PM

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico
Exhibit No. C-10
Submitted by: Read & Stevens, Inc.,
Hearing Date: July 20, 2023
Case No. 23511

Permian Resources Operating, LLC 300 N. Marienfeld St., Ste. 1000 Midland, TX 79701 Phone (432) 695-4222 • Fax (432) 695-4063

DATE:	2.17.2023			AFE NO.:	1
VELL NAME:	Bane 4-9 Federal Com 114	Н		FIELD:	Teas; Bone Spring
OCATION:	Section 4, T20S-R34E			MD/TVD:	19,875' / 9,590'
COUNTY/STATE:	Lea County, New Mexico			LATERAL LENGTH:	10,000'
Permian WI:				DRILLING DAYS:	19.6
GEOLOGIC TARGET:	FBSG			COMPLETION DAYS:	18.6
	Drill a horizontal FBSG we	ell and complete witl	n 44 stages. AFE includes		wback and Initial A
REMARKS:	install cost				
		DRILLING	COMPLETION	PRODUCTION	TOTAL
INTANGIBLE	COSTS	COSTS	COSTS	COSTS	COSTS
l Land / Legal / Regulatory	\$_	52,768	-	37,500	\$ 90,26
2 Location, Surveys & Dama	ges	257,363	16,141	2,500	276,00
1 Freight / Transportation 5 Rental - Surface Equipmen	. –	42,549 111,070	39,110 192,448	25,000 105,000	106,66 408,51
6 Rental - Downhole Equipm		183,520	53,429	100,000	236,94
7 Rental - Living Quarters	-	42,956	48,671	-	91,62
10 Directional Drilling, Surv	eys	383,743	-	-	383,74
11 Drilling 12 Drill Bits	_	673,443			673,44
13 Fuel & Power	_	89,495 168,789	647,751		89,49 816,54
14 Cementing & Float Equip	-	217,354	-		217,35
15 Completion Unit, Swab, C	TU	-	-	15,000	15,00
16 Perforating, Wireline, Slic		-	351,218	-	351,21
17 High Pressure Pump Truc		-	110,130		110,13
18 Completion Unit, Swab, C 20 Mud Circulation System	_	93,991	130,865		130,86
21 Mud Logging	-	15,660	-	-	15,66
22 Logging / Formation Evalu	ation	6,495	7,450	-	13,94
23 Mud & Chemicals	=	323,254	391,463	10,000	724,71
24 Water 25 Stimulation	_	38,825	591,078 727,236	225,000	854,90 727,23
26 Stimulation Flowback & I	Disp	<del></del> -	108,640	150,000	258,64
28 Mud / Wastewater Dispos		172,514	54,630	-	227,14
30 Rig Supervision / Enginee	ring	108,273	119,194	21,667	249,13
32 Drlg & Completion Overh	ead	9,312	-	-	9,31
35 Labor	_	137,006	62,080 1,121,387	101,667	300,75 1,121,38
54 Proppant 95 Insurance	_	13,096	1,121,367		1,121,38
97 Contingency	-	-	21,817	3,833	25,65
99 Plugging & Abandonmen	t -	-	-		-
	TOTAL INTANGIBLES >	3,141,476	4,794,736	697,167	8,633,3
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE C	OSTS \$	COSTS	COSTS	COSTS	COSTS \$ 109.20
50 Surface Casing 51 Intermediate Casing	5_	109,201 307,574			\$ 109,20 307,57
62 Drilling Liner	-	307,374			307,37
63 Production Casing	-	613,783	-	-	613,78
64 Production Liner		-	-	-	-
65 Tubing	_	-		140,000	140,000
66 Wellhead 67 Packers, Liner Hangers	_	57,908 13,161		40,000 20,000	97,900 33,16
68 Tanks	-	-		45,833	45,833
69 Production Vessels	_	-		126,667	126,66
70 Flow Lines		-	-	66,667	66,66
71 Rod string	_				
72 Artificial Lift Equipment 73 Compressor	_	<del>-</del>		90,000 5,833	90,000
74 Installation Costs	-			-	
75 Surface Pumps	_	-		61,667	61,66
76 Downhole Pumps		-	-	-	-
77 Measurement & Meter Ins		-	-	116,667	116,66
78 Gas Conditioning / Dehyo		-		20,000	20,00
79 Interconnecting Facility P 80 Gathering/Bulk Lines		<del></del> -		20,000	20,00
81 Valves, Dumps, Controlle	rs	-	-	108,333	108,33
82 Tank / Facility Containme			-	43,333	43,33
83 Flare Stack		-	-	16,667	16,66
84 Electrical / Grounding	. –			50,000	50,00
85 Communications / SCAD 86 Instrumentation / Safety	· _	<u> </u>		36,667 853	36,66 85
Juniamentation / Safety	TOTAL TANGIBLES >	1,101,627	0	989,187	2,090,81
	TOTAL COSTS >	4,243,103	4,794,736	1,686,354	10,724,19
					-
PARED BY Permian Reso	ources Operating, LLC:				
Drilling Engineer					
Completions Engineer					
Production Engineer	: DC				
nian Resources Operating	LLC APPROVAL:				
Co-CEC		Co-C		VP - Operati	
	WH		JW		CRM
VP - Land & Lega	1	VP - Geoscier	ices		
	BG		SO		
N OPERATING PARTNE	ER APPROVAL:				
Company Name			Working Interest (%):	Tax	ID.

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Approval: Yes

# ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

al Com 127H -R34E  w Mexico  DRILLING COSTS  \$ 54,351  265,083  43,826  114,402  1189,026  44,244  395,225  693,647  92,179  173,853  223,875		PRODUCTION COSTS 37,500 2,500 25,000 105,000	Teas; Bone Spring 20,615' / 10,330' 10,000' 19.6 18.6  TOTAL COSTS \$ 91,88 284,20 199,11 417,66 244,06 94,37 395,28
DRILLING COSTS  \$ 54,351 265,083 43,826 114,402 189,026 44,244 395,235 693,647 92,179 173,853 223,875	COMPLETION COSTS - 16,625 40,284 198,221 55,031 667,183	LATERAL LENGTH: DRILLING DAYS: COMPLETION DAYS: drilling, completions, flo  PRODUCTION COSTS  37,500 2,5000 25,000 105,000	10,000° 19.6 18.6 owback and Initial A TOTAL COSTS \$ 91,88 284,26 109,11 417,62 244,08
DRILLING COSTS  \$ 54,351  265,083  43,826  114,402  189,026  44,244  395,225  693,647  92,179  173,853  223,875	COMPLETION COSTS - 16,625 40,284 198,221 55,031 667,183	DRILLING DAYS:  COMPLETION DAYS:  drilling, completions, flo  PRODUCTION COSTS  37,500 2,500 25,000 105,000	19.6 18.6 owback and Initial A TOTAL COSTS \$ 91,82 284,22 109,11 417,62 244,05
DRILLING COSTS \$ 54,351 265,083 43,826 114,402 1189,026 44,244 395,255 695,647 92,179 173,853 223,875 96,811	COMPLETION COSTS - 16,625 40,284 198,221 55,031 667,183	COMPLETION DAYS: drilling, completions, flo  PRODUCTION COSTS  37,500 2,500 25,000 105,000	18.6 owback and Initial A TOTAL COSTS \$ 91,88 284,22 109,11 417,62 244,06 94,37
DRILLING COSTS \$ 54,351 265,083 43,826 114,402 1189,026 44,244 395,255 695,647 92,179 173,853 223,875 96,811	COMPLETION COSTS - 16,625 40,284 198,221 55,031 667,183	PRODUCTION COSTS  37,500 2,500 25,000 105,000	TOTAL COSTS \$ 91.88 284,20 109,11 417,62 244,08
DRILLING COSTS \$ 54,351 265,083 43,826 114,402 1189,026 44,244 395,255 695,647 92,179 173,853 223,875 96,811	COMPLETION COSTS  16,625 40,284 198,221 55,031 50,131	PRODUCTION COSTS 37,500 2,500 25,000 105,000	TOTAL COSTS \$ 91,88 284,20 109,11 417,62 244,00 94,37
COSTS  \$ 54,351 265,083 43,826 114,402 1189,026 44,244 395,255 695,647 92,179 173,853 223,875	COSTS  16,625 40,284 198,221 55,031 50,131	COSTS  37,500  2,500  25,000  105,000	COSTS \$ 91,85 284,20 109,11 417,62 244,05 94,37
\$ 54,351 265,083 43,826 114,402 189,026 44,244 395,255 693,647 92,179 173,853 223,875	16,625 40,284 198,221 55,031 50,131	37,500 2,500 25,000 105,000 	\$ 91,88 284,20 109,11 417,62 244,05 94,37
265,083 43,826 114,402 189,026 44,244 395,255 693,647 92,179 173,853 223,875	40,284 198,221 55,031 50,131 - - - 667,183	2,500 25,000 105,000	284,20 109,11 417,62 244,05 94,37
114,402 189,026 44,244 395,255 693,647 92,179 173,853 225,875	198,221 55,031 50,131 - - - 667,183	105,000	417,62 244,05 94,37
189,026 44,244 395,255 693,647 92,179 173,853 223,875	55,031 50,131 - - - 667,183		244,05 94,35
44.244 395.255 693.647 92.179 173.853 223.875	50,131		94,33
395, 255 693,647 92,179 173,853 223,875	667,183	-	
693,647 92,179 173,853 223,875 - - - 96,811	667,183	-	
92,179 173,853 223,875 - - - - 96,811	667,183	-	693,6
223,875	-		92,1
96,811		-	841,0
96,811			223,83
96,811		15,000	15,0
96,811	361,754 113,434		361,73 113,4
	134,791		134,7
	134,751		96,8
16,130	-	-	16,1
6,690	7,673	-	14,3
332,951	403,207	10,000	746,1
39,990	608,810	250,000	898,8
	749,053 111,899	4E0 000	749,0
177,689	56,269	150,000	261,8 233,9
111,522		21,667	255,9
9,591	-	-	9,5
141,116	63,942	101,667	306,7
-	1,155,029	-	1,155,0
	-	-	13,4
			26,3
DRILLING	COMPLETION	PRODUCTION	8,896,4 TOTAL
COSTS	COSTS	COSTS	COSTS
\$ 112,477	-	-	\$ 112,4
316,801	-	-	316,8
(22.10/			(22.1)
			632,1
			140,0
			99,6
13,556	-	20,000	33,5
-	-	-	-
-	-	45,833	45,8
-	-		126,6
			66,6
			90,0 5,8
<del></del>		3,033	
	-	61,667	61,6
-	-		-
-	-	116,667	116,6
-	-	-	-
-		20,000	20,0
		100 222	108,3
			43,3
			16,6
-	-	50,000	50,0
-	-	36,667	36,6
-		833	8
GIBLES > 1,134,676	0	989,167	2,123,8
COSTS > 4,370,396	4,938,578	1,711,334	11,020,
	111,522 9,591 141,116	111,522   122,769   9,591   633,942   1,155,029   13,489   -   22,472   -   2,472   1,155,029   13,489   -   22,472   -   2,472   1,155,029   13,489   -   22,472   -   2,472   1,155,029   1,13,489   -   2,472   1,155,029	111,522   122,769   21,667   9,591

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NON OPERATING PARTNER APPROVAL: Company Name: Signed by:

Date: Approval: Yes

# ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

DATE:	2.17.2023			AFE NO.:	1
WELL NAME:	Bane 4-9 Federal Com 128	H		FIELD:	Teas; Bone Spring
LOCATION:	Section 4, T20S-R34E			MD/TVD:	20,290' / 10,005'
COUNTY/STATE:	Lea County, New Mexico			LATERAL LENGTH:	10,000'
Permian WI:				DRILLING DAYS:	19.6
GEOLOGIC TARGET:	SBSG			COMPLETION DAYS:	18.6
GEOLOGIC TARGET.	Drill a horizontal SBSG w	ell and complete witl	h 44 stages. AFF includes	_	
REMARKS:	install cost	en una complete with			OW DUCK UNIO THEREIT TH
INTANGIBLE	COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
I Land / Legal / Regulatory	\$	54,351	-	37,500	\$ 91,85
2 Location, Surveys & Damas	ges	265,083	16,625	2,500	284,20
Freight/Transportation		43,826	40,284	25,000	109,11
Rental - Surface Equipmen		114,402	198,221	105,000	417,62 244,05
6 Rental - Downhole Equipm 7 Rental - Living Quarters	ient _	189,026 44,244	55,031 50,131		94,37
10 Directional Drilling, Surv	evs -	395,255	30,131		395,25
11 Drilling	~ ·	693,647			693,64
12 Drill Bits	-	92,179	-	-	92,17
13 Fuel & Power		173,853	667,183	-	841,03
14 Cementing & Float Equip		223,875	-	-	223,87
15 Completion Unit, Swab, C			0/1754	15,000	15,00
16 Perforating, Wireline, Slic			361,754 113,434		361,75 113.43
17 High Pressure Pump Truc 18 Completion Unit, Swab, C			134,791		134,79
20 Mud Circulation System	_	96,811	104,771		96,81
21 Mud Logging	-	16,130	-	-	16,13
22 Logging / Formation Evalu	ation	6,690	7,673	-	14,36
23 Mud & Chemicals	-	332,951	403,207	10,000	746,15
24 Water		39,990	608,810	250,000	898,80
25 Stimulation		-	749,053		749,05
26 Stimulation Flowback & I		177 690	111,899	150,000	261,89
28 Mud / Wastewater Dispos. 30 Rig Supervision / Enginee		177,689 111,522	56,269 122,769	21,667	233,95 255,95
32 Drlg & Completion Overh		9,591	122,707	21,007	9,59
35 Labor	_	141,116	63,942	101,667	306,72
54 Proppant	-	-	1,155,029	-	1,155,02
95 Insurance	_	13,489		-	13,48
97 Contingency		-	22,472	3,833	26,30
99 Plugging & Abandonmen	_				
	TOTAL INTANGIBLES >	3,235,720	4,938,578	722,167	8,896,40
TANGIBLE C	OSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
60 Surface Casing	\$	112,477	-	-	\$ 112,47
61 Intermediate Casing	_	316,801	-	-	316,80
62 Drilling Liner	_	-	-	-	
63 Production Casing	_	632,196			632,19
64 Production Liner	_			140,000	140,00
65 Tubing 66 Wellhead	-	59,645		40,000	99,64
67 Packers, Liner Hangers	-	13,556		20,000	33,55
68 Tanks	-				-
69 Production Vessels	-	-		45,833	45,83
70 Flow Lines	_	-	-	126,667	126,66
71 Rod string	_	-	-	66,667	66,66
72 Artificial Lift Equipment		-	-	90,000	90,00
73 Compressor	_	-		5,833	5,83
74 Installation Costs 75 Surface Pumps	_	-		61 667	- 61 66
75 Surrace Pumps 76 Downhole Pumps	-			61,667	61,66
76 Downnoie Fumps 77 Measurement & Meter Ins	stallation	<del></del> -		116,667	116,66
78 Gas Conditioning/Dehyd				-	
79 Interconnecting Facility P		-	-	20,000	20,00
80 Gathering / Bulk Lines	-	-	-	-	-
81 Valves, Dumps, Controlle		-		108,333	108,33
82 Tank / Facility Containme	nt	-	-	43,333	43,33
83 Flare Stack	_	-		16,667	16,66
84 Electrical / Grounding 85 Communications / SCAD	_			50,000 36,667	36,66
86 Instrumentation / Safety	-	<del>-</del>		833	83
	TOTAL TANGIBLES >	1,134,676		989,167	2,123,84
	TOTAL COSTS >	4,370,396	4,938,578	1,711,334	11,020,30
PARED BY Permian Reso Drilling Engineer Completions Engineer Production Engineer	: PS : ML				
nian Resources Operating	z, LLC APPROVAL:				
Co-CEC	)	Co-C	TEO TEO	VP - Oper	ations
	WH	20-0	JW	· · · Oper	CRM
VP - Land & Lega	BG	VP - Geoscier	SO		
N OPERATING PARTNE	FR APPROVAL.				
			Working Interest (%):	T	ax ID:
Company Name			VVOLKING INTETEST ( 70 ):	1	ua III.

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Approval: Yes

# ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

DATE:	2.17.2023			AFE NO.:	1
WELL NAME:	Bane 4-9 Federal Com 174	4H		FIELD:	Teas; Bone Spring
LOCATION:	Section 4, T20S-R34E			MD/TVD:	20,700' / 10,415'
COUNTY/STATE:	Lea County, New Mexico			LATERAL LENGTH:	10,000'
Permian WI:	Lea county, I ten menteo			DRILLING DAYS:	19.6
GEOLOGIC TARGET:	TBSG			COMPLETION DAYS:	18.6
SEOLOGIC TARGET.		11 1 1 21	44 · ATT: 1 1	_	
DER CA DIVO	Drill a horizontal TBSG w install cost	rell and complete with	1 44 stages. AFE includes	drilling, completions, fi	owback and Initial A
REMARKS:	Install cost				
		DRILLING	COMPLETION	PRODUCTION	TOTAL
INTANGIBLE	COSTS	COSTS	COSTS	COSTS	COSTS
Land/Legal/Regulatory	\$	55,739	-	37,500	\$ 93,23
Location, Surveys & Dama		271,852	17,050	2,500	291,40
Freight / Transportation	-	44,945	41,312	25,000	111,25
5 Rental - Surface Equipme		117,323	203,283	105,000	425,60
Rental - Downhole Equip	ment _	193,853	56,437	-	250,28
Rental - Living Quarters		45,374 40F 248	51,411		96,78
0 Directional Drilling, Sur 1 Drilling	veys _	405,348 711,359			405,34 711,35
2 Drill Bits	-	94,533			94,53
13 Fuel & Power	-	178,292	684,220	-	862,51
14 Cementing & Float Equip	ρ -	229,592			229,59
5 Completion Unit, Swab,		-	-	15,000	15,00
16 Perforating, Wireline, Sli		-	370,992	-	370,99
17 High Pressure Pump Tru		-	116,330	-	116,33
8 Completion Unit, Swab,		-	138,232	-	138,23
20 Mud Circulation System	-	99,283			99,28
21 Mud Logging 22 Logging / Formation Eva	luation _	16,542 6,860	7,869		16,54 14,72
22 Logging/Formation Eva. 23 Mud & Chemicals		341,453	413,503	10,000	764,95
24 Water	-	41,011	624,356	300,000	965,36
25 Stimulation	-	-	768,180	-	768,18
26 Stimulation Flowback &		-	114,757	150,000	264,75
8 Mud / Wastewater Dispo		182,227	57,706	-	239,93
30 Rig Supervision / Engine		114,369	125,904	21,667	261,94
2 Drlg & Completion Over	head	9,836	-	-	9,83
5 Labor	-	144,719	65,575	101,667	311,96
4 Proppant 5 Insurance	-	13,834	1,184,522		1,184,52
7 Contingency	-	13,634	23,045	3,833	26,87
9 Plugging & Abandonme	nt -	_	-	- 5,000	20,07
00 0	TOTAL INTANGIBLES >	3,318,344	5,064,685	772,167	9,155,1
TANGINE	COCTO	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
TANGIBLE 0 0 Surface Casing	20515	115,349	-	-	\$ 115,34
1 Intermediate Casing	<u>-</u>	324,891			324,89
52 Drilling Liner	-				
63 Production Casing	-	648,340	-		648,34
64 Production Liner	-	-	-	-	-
55 Tubing		-	-	140,000	140,00
66 Wellhead		61,169	-	40,000	101,16
7 Packers, Liner Hangers	-	13,902		20,000	33,90
8 Tanks 9 Production Vessels	-			45,833 126,667	45,83 126,66
70 Flow Lines	-			66,667	66,66
'1 Rod string	-	_			-
2 Artificial Lift Equipment		-		90,000	90,00
73 Compressor	-	-	-	5,833	5,83
4 Installation Costs	-	-			-
75 Surface Pumps		-	-	61,667	61,66
6 Downhole Pumps		-	-		-
7 Measurement & Meter Ir		-		116,667	116,66
8 Gas Conditioning / Dehy		-		20.000	
9 Interconnecting Facility 1 0 Gathering / Bulk Lines	iping _			20,000	20,00
1 Valves, Dumps, Controll	ers	<del></del> _		108,333	108,33
2 Tank / Facility Containm				43,333	43,33
3 Flare Stack	-	-	-	16,667	16,66
34 Electrical / Grounding	-	-		50,000	50,00
35 Communications / SCAL	)A	-		36,667	36,66
6 Instrumentation / Safety		-	-	833	83
	TOTAL TANGIBLES >	1,163,650	0	989,167	2,152,8
	TOTAL COSTS >	4,481,994	5,064,685	1,761,334	11,308,0
	sources Operating, LLC:				
PARED BY Permian Reservations  Drilling Engines  Completions Engines  Production Engines	er: ML				
Drilling Enginee Completions Enginee Production Enginee	er: ML er: DC  ng, LLC APPROVAL:				
Drilling Enginee Completions Enginee Production Enginee	er: ML er: DC  ng, LLC APPROVAL:	Co-Cl		VP - Opera	
Drilling Enginee Completions Enginee Production Enginee	er: ML er: DC  ag, LLC APPROVAL:  WH	Co-Cl	EO	VP - Opera	ationsCRM

Signed by: Approval: Yes

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NON OPERATING PARTNER APPROVAL: Company Name:

# ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

LOCATION: Secti COUNT/STATE: Lea · Permian WI: GEOLOGIC TARGET: TBSG Drill REMARKS: insta  INTANGIBLE COST: 1 Land/Legal/Regulatory 2 Location, Surveys & Damages 4 Freight/Transportation 5 Rental - Surface Equipment 6 Rental - Downhole Equipment 7 Rental - Living Quarters 10 Directional Drilling, Surveys	a horizontal TBSG we	ell and complete with	144 stages. AFE includes	FIELD: MD/TVD: LATERAL LENGTH: DRILLING DAYS:	Teas; Bone Spring 21,110' / 10,825' 10,000'
COUNTY/STATE: Lea Permian WI: GEOLOGIC TARGET: TIBSG Drill REMARKS: Drill INTANGIBLE COST: I Land/ Legal/ Regulatory 2 Location, Surveys & Damages 4 Freight/ Transportation 8 Rental - Surface Equipment 6 Rental - Living Quarters 10 Directional Drilling, Surveys	County, New Mexico  G  I a horizontal TBSG we all cost			LATERAL LENGTH: DRILLING DAYS:	
Permian WI: GEOLOGIC TARGET: TESG Drill REMARKS: INTANGIBLE COSTS Land / Legal / Regulatory L Location, Surveys & Damages 1 Freight / Transportation Rental - Surface Equipment Rental - Downhole Equipment Rental - Diversion Drilling, Surveys 0 Directional Drilling, Surveys	G   a horizontal TBSG we all cost			DRILLING DAYS:	10.000'
REMARKS: Drill REMARKS: INTANGIBLE COSTS I Land / Legal / Regulatory 2 Location, Surveys & Damages I Freight / Transportation 8 Rental - Surface Equipment 9 Rental - Downhole Equipment 9 Rental - Living Quarters 10 Directional Drilling, Surveys	a horizontal TBSG we			_	10,000
INTANGIBLE COST  Land/Legal/Regulatory Location, Surveys & Damages Freight/Transportation Rental - Under Equipment Rental - Downhole Equipment Rental - Living Quarters 0 Directional Drilling, Surveys	a horizontal TBSG we				19.6
INTANGIBLE COSTS Land/Legal/Regulatory Location, Surveys & Damages Freight/Transportation Rental - Surface Equipment Rental - Living Quarters O Directional Drilling, Surveys	all cost		1 44 stages. AFE includes	COMPLETION DAYS:	18.6
INTANGIBLE COSTS I Land / Legal / Regulatory L Location, Surveys & Damages I Freight / Transportation Rental - Surface Equipment Rental - Downhole Equipment Rental - Living Quarters 0 Directional Drilling, Surveys				drilling, completions, fl	owback and Initial A
I Land/Legal/Regulatory 2 Location, Surveys & Damages 4 Freight/Transportation 5 Rental - Surface Equipment 6 Rental - Downhole Equipment 7 Rental - Living Quarters 10 Directional Drilling, Surveys	s *_				
2 Location, Surveys & Damages 4 Freight / Transportation 5 Rental - Surface Equipment 6 Rental - Downhole Equipment 7 Rental - Living Quarters 10 Directional Drilling, Surveys	5_	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
Freight / Transportation Frental - Surface Equipment Frental - Downhole Equipment Rental - Living Quarters O Directional Drilling, Surveys		57,069 278,338	17,456	37,500 2,500	\$ 94,56 298,29
Rental - Surface Equipment Rental - Downhole Equipment Rental - Living Quarters 0 Directional Drilling, Surveys	_	46,017	42.298	25,000	113,31
Rental - Downhole Equipment Rental - Living Quarters O Directional Drilling, Surveys	_	120,122	208,133	105,000	433,25
0 Directional Drilling, Surveys	_	198,477	57,783		256,26
		46,457	52,637	-	99,09
	_	415,018		-	415,01
1 Drilling	_	728,329			728,32
2 Drill Bits 3 Fuel & Power	_	96,788 182,546	700,542	-	96,78 883,08
4 Cementing & Float Equip	_	235,069	700,342		235,06
5 Completion Unit, Swab, CTU	-	2,0,00		15,000	15,00
6 Perforating, Wireline, Slickline	_	-	379,842	-	379,84
7 High Pressure Pump Truck	_	-	119,106		119,10
8 Completion Unit, Swab, CTU	_	-	141,530	-	141,53
0 Mud Circulation System	_	101,651	-	-	101,65
11 Mud Logging	_	16,936	0.057	-	16,93
22 Logging / Formation Evaluation	_	7,024	8,057	10,000	15,08 782,96
3 Mud & Chemicals 4 Water	_	349,599 41,989	423,367 639,251	10,000 300,000	782,96 981,24
25 Stimulation	_	41,969	786,506	300,000	786.50
26 Stimulation Flowback & Disp	_		117,494	150,000	267,49
28 Mud / Wastewater Disposal	_	186,574	59,083	-	245,65
0 Rig Supervision / Engineering	_	117,098	128,908	21,667	267,67
32 Drlg & Completion Overhead	_	10,071	-	-	10,07
5 Labor	_	148,172	67,140	101,667	316,97
4 Proppant	_	-	1,212,780	-	1,212,78
5 Insurance 7 Contingency	_	14,164	23,595	3,833	14,16
9 Plugging & Abandonment	_		25,595		
	TAL INTANGIBLES >	3,397,506	5,185,507	772,167	9,355,1
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE COSTS		COSTS	COSTS	COSTS	COSTS
60 Surface Casing	s_	118,101			\$ 118,10
51 Intermediate Casing 52 Drilling Liner	_	332,642			332,64
3 Production Casing	_	663,806			663,80
4 Production Liner	_	-	-		
5 Tubing	_	-	-	140,000	140,00
66 Wellhead	_	62,628	-	40,000	102,62
67 Packers, Liner Hangers		14,234	-	20,000	34,23
68 Tanks	_	-		45,833	45,83
59 Production Vessels 70 Flow Lines	_	-		126,667	126,66
1 Rod string	_		-	66,667	66,66
2 Artificial Lift Equipment	_			90,000	90,00
73 Compressor	-			5,833	5,83
4 Installation Costs	_	-			-
75 Surface Pumps	_	-	-	61,667	61,66
6 Downhole Pumps	_	-	-		-
7 Measurement & Meter Installation		-	-	116,667	116,66
78 Gas Conditioning / Dehydration	_	-	-	-	-
9 Interconnecting Facility Piping	_	-		20,000	20,00
		-	_	108,333	100.00
30 Gathering / Bulk Lines	_				108,33
30 Gathering / Bulk Lines 31 Valves, Dumps, Controllers	=	-			43.33
0 Gathering / Bulk Lines 11 Valves, Dumps, Controllers 12 Tank / Facility Containment	_ _ _		-	43,333	
80 Gathering / Bulk Lines 81 Valves, Dumps, Controllers 82 Tank / Facility Containment 83 Flare Stack	- - -	- - -		43,333 16,667	16,66
30 Gathering / Bulk Lines 81 Valves, Dumps, Controllers 82 Tank / Facility Containment 83 Flare Stack 84 Electrical / Grounding 85 Communications / SCADA	= = = =			43,333	16,66 50,00
80 Gathering / Bulk Lines 81 Valves, Dumps, Controllers 82 Tank / Facility Containment 83 Flare Stack 84 Electrical / Grounding	=======================================		- - - - -	43,333 16,667 50,000	16,66 50,00 36,66
All Gathering / Bulk Lines I Valves, Dumps, Controllers I Tank / Facility Containment I Flare Stack I Electrical / Grounding I Communications / SCADA I Instrumentation / Safety	OTAL TANGIBLES >	- - - - - 1,191,410	- - - - - - 0	43,333 16,667 50,000 36,667	43,33 16,66 50,00 36,66 83 2,180,5

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Company Name: Signed by:

Date: Approval: Yes

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# Permian Resources Operating, LLC 300 N. Marienfeld St., Ste. 1000 Midland, TX 79701

		Phone (432) 695-4222			
DATE		F COSTS AND AUTHO	ORIZATION FOR EXPENDI		1
DATE: WELL NAME:	2.17.2023 Bane 4-9 Federal Com 201	Н		AFE NO.: FIELD:	1 Tonto; Wolfcamp
LOCATION:	Section 4, T20S-R34E	п		MD/TVD:	21,210' / 10,925'
COUNTY/STATE:	Lea County, New Mexico			LATERAL LENGTH:	10,000'
Permian WI:				DRILLING DAYS:	19.6
GEOLOGIC TARGET:	WCXY		(	COMPLETION DAYS:	19
REMARKS:	Drill a horizontal WCXY v AL install cost	vell and complete wi	th 44 stages. AFE includes	drilling, completions,	flowback and Initial
		DRILLING	COMPLETION	PRODUCTION	TOTAL
INTANGIBLE Of 1 Land/Legal/Regulatory	COSTS	COSTS 59,066	COSTS	COSTS 37,500	COSTS \$ 96,566
2 Location, Surveys & Damag	ges -	288,079	18,067	2,500	308,647
4 Freight/Transportation	_	47,628	43,778	25,000	116,406
5 Rental - Surface Equipment 6 Rental - Downhole Equipm		124,327 205,424	215,417 59,805	105,000	444,744 265,229
7 Rental - Living Quarters	-	48,083	54,480	-	102,562
10 Directional Drilling, Surve	eys	429,543 753,820	-	-	429,543
11 Drilling 12 Drill Bits	-	100,176		-	753,820 100,176
13 Fuel & Power	_	188,935	725,061	-	913,996
14 Cementing & Float Equip 15 Completion Unit, Swab, C	TTI -	243,296	-	15,000	243,296 15,000
16 Perforating, Wireline, Slick			393,136	- 13,000	393,136
17 High Pressure Pump Truck		-	123,274	-	123,274
18 Completion Unit, Swab, C 20 Mud Circulation System	TU	105,209	146,484	-	146,484 105,209
21 Mud Logging	-	17,529			17,529
22 Logging / Formation Evalu	ation	7,270	8,339	-	15,609
23 Mud & Chemicals 24 Water	-	361,835 43,459	438,185 661,625	10,000 300,000	810,020 1,005,083
25 Stimulation	-	13/137	814,033		814,033
26 Stimulation Flowback & D		-	121,606	150,000	271,606
28 Mud/Wastewater Disposa 30 Rig Supervision/Enginee		193,104 121,196	61,151 133,420	21,667	254,254 276,283
32 Drlg & Completion Overh		10,423	133/420		10,423
35 Labor	_	153,358	69,489	101,667	324,514
54 Proppant 95 Insurance	-	14,660	1,255,227		1,255,227 14,660
97 Contingency	-	-	24,421	3,833	28,254
99 Plugging & Abandonment	_	-	-		-
	TOTAL INTANGIBLES >	3,516,419	5,367,000	772,167	9,655,585
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE CO	OSTS	COSTS 122,234	COSTS	COSTS	COSTS \$ 122,234
60 Surface Casing 61 Intermediate Casing	*_	344,284			344,284
62 Drilling Liner	-	-	-	-	-
63 Production Casing	_	687,039	-	-	687,039
64 Production Liner 65 Tubing	_	-		140,000	140,000
66 Wellhead	-	64,820	-	40,000	104,820
67 Packers, Liner Hangers	_	14,732	-	20,000	34,732
68 Tanks 69 Production Vessels	-	-	-	45,833 126,667	45,833 126,667
70 Flow Lines	-	-	-	66,667	66,667
71 Rod string	_	-	-	-	-
72 Artificial Lift Equipment 73 Compressor	-	-		90,000 5,833	90,000 5,833
74 Installation Costs	-	-	-	-	-
75 Surface Pumps	_	-	-	61,667	61,667
76 Downhole Pumps 77 Measurement & Meter Ins	tallation _			116,667	116.667
78 Gas Conditioning/ Dehyd		-	-	-	-
79 Interconnecting Facility Pi		-	-	20,000	20,000
80 Gathering / Bulk Lines 81 Valves, Dumps, Controller	-	-		108,333	108,333
82 Tank / Facility Containmen		<del></del>		43,333	43,333
83 Flare Stack	_	-	-	16,667	16,667
84 Electrical / Grounding 85 Communications / SCADA	_	-		50,000 36,667	50,000 36,667
86 Instrumentation / Safety	-	-		833	833
	TOTAL TANGIBLES >	1,233,109	0	989,167	2,222,276
	TOTAL COSTS >	4,749,528	5,367,000	1,761,334	11,877,862
EPARED BY Permian Reso	urces Operating, LLC:				
Drilling Engineer:	PS				
Completions Engineer					
Production Engineer:					
mian Resources Operating	, LLC APPROVAL:				
Co-CEC		Co-C	EO	VP - Opera	ntions
	WH	20 0	JW	Spen	CRM
VP - Land & Legal		VP - Geoscier			
	BG		SO		
ON OPERATING PARTNE	R APPROVAL:				
Company Name			Working Interest (%):	Te	ax ID:
				16	
Signed by:			Date:		
Title			Approval:	Yes	☐ No (mark one)
Title			. ipprovai.		(mark one)

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Permian Resources Operating, LLC 300 N. Marienfeld St., Ste. 1000 Midland, TX 79701 Phone (432) 695-4222 • Fax (432) 695-4063

	popus same on	Phone (432) 695-4222 •		TTI IDE	
DATE:	2.17.2023	COS15 AND AUTHO	DRIZATION FOR EXPEND	AFE NO.:	1
ELL NAME:	Bane 4-9 Federal Com 202	H		FIELD:	Tonto; Wolfcamp
OCATION:	Section 4, T20S-R34E			MD/TVD:	21,210' / 10,925'
OUNTY/STATE:	Lea County, New Mexico			LATERAL LENGTH:	10,000'
ermian WI:				DRILLING DAYS:	19.6
GEOLOGIC TARGET:	WCXY			COMPLETION DAYS:	19
THA DVC	Drill a horizontal WCXY v	vell and complete wit	th 44 stages. AFE include	s drilling, completions,	flowback and Initial
REMARKS:	AL install cost				momus
INTANGIBLE O	COSTS	DRILLING COSTS 59,066	COMPLETION COSTS	PRODUCTION COSTS 37,500	TOTAL COSTS \$ 96,560
Land/Legal/Regulatory Location, Surveys & Damag	es ====================================	288,079	18,067	2,500	308,647
Freight/Transportation	-	47,628	43,778	25,000	116,400
Rental - Surface Equipment		124,327	215,417	105,000	444,74
Rental - Downhole Equipm	ent _	205,424	59,805		265,229 102,560
Rental - Living Quarters Directional Drilling, Surve	vs _	48,083 429,543	54,480		429,54
1 Drilling	-	753,820	-		753,82
2 Drill Bits		100,176	-	-	100,17
3 Fuel & Power	_	188,935	725,061	-	913,99
4 Cementing & Float Equip 5 Completion Unit, Swab, C	т –	243,296		15,000	243,29 15,00
6 Perforating, Wireline, Slick			393,136	- 15,000	393,13
7 High Pressure Pump Truck		-	123,274	-	123,27
8 Completion Unit, Swab, C	ΓU	-	146,484	-	146,48
Mud Circulation System		105,209		-	105,20
1 Mud Logging 2 Logging / Formation Evalu	ation _	17,529 7,270	8,339		17,52 15,60
3 Mud & Chemicals	-	361,835	438,185	10,000	810,02
4 Water	_	43,459	661,625	300,000	1,005,08
5 Stimulation	. =	-	814,033	-	814,03
6 Stimulation Flowback & D 8 Mud/Wastewater Disposa		193,104	121,606	150,000	271,600 254,25
o Rig Supervision / Engineer		121,196	133,420	21,667	276,28
2 Drlg & Completion Overh		10,423	-		10,42
5 Labor	_	153,358	69,489	101,667	324,51
4 Proppant	_		1,255,227	-	1,255,22
5 Insurance 7 Contingency	_	14,660	24,421	3,833	14,66 28,25
9 Plugging & Abandonment	-			-	20,23
	TOTAL INTANGIBLES >	3,516,419	5,367,000	772,167	9,655,58
		DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
TANGIBLE CO 0 Surface Casing	J313	122,234	-		\$ 122,234
1 Intermediate Casing	*-	344,284			344,284
2 Drilling Liner	-	-	-	-	-
3 Production Casing	_	687,039	-	-	687,03
4 Production Liner 5 Tubing	_	-		140,000	140,00
6 Wellhead	-	64,820		40,000	104,82
7 Packers, Liner Hangers	_	14,732		20,000	34,73
8 Tanks		-	-	45,833	45,833
9 Production Vessels	_			126,667	126,663
70 Flow Lines 71 Rod string	_			66,667	66,667
2 Artificial Lift Equipment	_			90,000	90,000
'3 Compressor		-	-	5,833	5,833
4 Installation Costs	_	-	-	-	-
5 Surface Pumps 6 Downhole Pumps	_	-		61,667	61,667
7 Measurement & Meter Ins	allation			116,667	116,66
8 Gas Conditioning/Dehyd	ration	-	-		-
9 Interconnecting Facility Pi		-	-	20,000	20,00
0 Gathering / Bulk Lines	_ =	-	-	100 222	400.00
1 Valves, Dumps, Controller 2 Tank / Facility Containmer				108,333 43,333	108,333
2 Flare Stack	-	<del></del>	<del></del>	16,667	16,66
4 Electrical / Grounding	-	-	-	50,000	50,00
5 Communications / SCADA	·	-		36,667	36,66
6 Instrumentation / Safety	TOTAL TANCENCE	4 000 400	-	833	2 222 25
	TOTAL TANGIBLES >  TOTAL COSTS >	1,233,109 4,749,528	5,367,000	989,167 1,761,334	2,222,27 11,877,86
PARED BY Permian Reso		4,/49,320	3,307,000	1,701,534	11,077,00
Drilling Engineer:	PS				
Completions Engineer:	ML				
Production Engineer:	DC				
ian Resources Operating	, LLC APPROVAL:				
Co-CEO		Co-Cl	EO	VP - Opera	
	WH		JW		CRM
VP - Land & Legal	BG	VP - Geoscieno	SO		
OPERATING PARTNE	R APPROVAL:				
Company Name:			Working Interest (%):	T	ıx ID:
			0 (/0/		
Signed by:			Date:		
Tid			Americali	l Vac	No (mark one)
		of the project. Tubino installation occurs			
Title:	trued as ceilings on any specific item or the total cost	of the project. Tubing installation appro	Approval:		

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Permian Resources Operating, LLC 300 N. Marienfeld St., Ste. 1000 Midland, TX 79701 Phone (432) 695-4222 • Fax (432) 695-4063

	ESTIMATE O		THORIZATION FOR EXPI	ENDITURE	
DATE:	2.17.2023			AFE NO.:	1
WELL NAME:	Bane 4-9 Federal Com 203	ВН		FIELD:	Tonto; Wolfcamp
LOCATION:	Section 4, T20S-R34E			MD/TVD:	21,210' / 10,925'
COUNTY/STATE:	Lea County, New Mexico			LATERAL LENGTH:	10,000'
Permian WI:				DRILLING DAYS:	19.6
GEOLOGIC TARGET:	WCXY	., ,		COMPLETION DAYS:	19
REMARKS:	Drill a horizontal WCXY  AL install cost	well and complet	e with 44 stages. AFE incl	ludes drilling, completions	, flowback and Initial
KEWAKKS.	AL IIIstali Cost				
INTANGIBLE		DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
1 Land / Legal / Regulatory	s	59,066	10.0/7	37,500	\$ 96,566
2 Location, Surveys & Dama 4 Freight / Transportation	iges -	288,079 47,628	18,067 43,778		308,647 116,406
5 Rental - Surface Equipmen		124,327	215,417		444,744
6 Rental - Downhole Equips	ment	205,424	59,805	-	265,229
7 Rental - Living Quarters 10 Directional Drilling, Surv	vevs	48,083 429,543	54,480		102,562 429,543
11 Drilling	•	753,820	-	-	753,820
12 Drill Bits		100,176	-	-	100,176
13 Fuel & Power 14 Cementing & Float Equip		188,935 243,296	725,061		913,996 243,296
15 Completion Unit, Swab,		243,290	· -	15,000	15,000
16 Perforating, Wireline, Sli	ckline	-	393,136	-	393,136
17 High Pressure Pump True	ck	-	123,274	-	123,274
18 Completion Unit, Swab, Completion Unit, Swab, Completion Unit, Swab, Completion System		105,209	146,484	<del></del>	146,484 105,209
20 Mud Circulation System 21 Mud Logging	-	17,529	· -	·	17,529
22 Logging / Formation Eval	luation	7,270	8,339		15,609
23 Mud & Chemicals		361,835	438,185	10,000	810,020
24 Water 25 Stimulation		43,459	661,625 814,033	300,000	1,005,083 814,033
26 Stimulation Flowback &	Disp		121,606	150,000	271,606
28 Mud/Wastewater Dispos	sal	193,104	61,151	-	254,254
30 Rig Supervision / Engine		121,196	133,420	21,667	276,283
32 Drlg & Completion Over 35 Labor	nead -	10,423 153,358	69.489	101,667	10,423 324,514
54 Proppant		100,000	1,255,227	101,007	1,255,227
95 Insurance	-	14,660		-	14,660
97 Contingency		-	24,421	3,833	28,254
99 Plugging & Abandonmer					
	TOTAL INTANGIBLES >	3,516,419	5,367,000	772,167	9,655,585
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE O		COSTS	COSTS	COSTS	COSTS
60 Surface Casing 61 Intermediate Casing	\$ <sub>-</sub>	122,234 344,284		· <u>-</u>	\$ 122,234 344,284
62 Drilling Liner		-	-	· -	
63 Production Casing		687,039	-	-	687,039
64 Production Liner		-	-	110,000	140,000
65 Tubing 66 Wellhead	-	64,820		140,000 40,000	140,000 104,820
67 Packers, Liner Hangers	-	14,732	-	20,000	34,732
68 Tanks		-	-	45,833	45,833
69 Production Vessels		-	-	126,667	126,667
70 Flow Lines 71 Rod string	-		· -	66,667	66,667
72 Artificial Lift Equipment				90,000	90,000
73 Compressor	•	-	-	5,833	5,833
74 Installation Costs		-	-	-	-
75 Surface Pumps 76 Downhole Pumps	-		· <del></del>	61,667	61,667
77 Measurement & Meter In	stallation			116,667	116,667
78 Gas Conditioning/Dehy	dration	-	-	· -	-
79 Interconnecting Facility I	Piping	-	-	20,000	20,000
80 Gathering / Bulk Lines 81 Valves, Dumps, Controlle	ers -	-		108,333	108,333
82 Tank / Facility Containme		-		43,333	43,333
83 Flare Stack	•	-	-	16,667	16,667
84 Electrical / Grounding		-	-	50,000	50,000
85 Communications / SCAD 86 Instrumentation / Safety	'A	-		36,667 833	36,667 833
moramentation, odlety	TOTAL TANGIBLES >	1,233,109			2,222,276
-	TOTAL COSTS >	4,749,528	5,367,000		11,877,862
REPARED BY Permian Res	sources Operating. LLC:		<u> </u>		
Drilling Enginee					
Completions Enginee					
Production Enginee	er: DC				
maion Doc	ag IIC APPROVA				
rmian Resources Operatin	ig, LLC APPKOVAL:				
Co-CE			Co-CEO	VP - Ope	rations
	WH		JW	•	CRM
VP - Land & Leg	al	VP - Geo		_	
	BG		SO	•	
ON OPERATING PARTN	ER APPROVAL:				
Company Nam	e:		Working Interest (%):		Tax ID:
			•		
Signed by	y:		Date:		
Titl	e:		Approval:	Yes	☐ No (mark one)
110					

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# Permian Resources Operating, LLC 300 N. Marienfeld St., Ste. 1000 Midland, TX 79701

		COSTS AND AUTHO	DRIZATION FOR EXPEND		
_	2.17.2023			AFE NO.:	1
	Bane 4-9 Federal Com 2041	1		FIELD:	Tonto; Wolfcamp
_	Section 4, T20S-R34E			MD/TVD:	21,210' / 10,925'
_	Lea County, New Mexico			LATERAL LENGTH:	10,000'
Permian WI:	uroza/			DRILLING DAYS:	19.6
_	WCXY			COMPLETION DAYS:	19
	Drill a horizontal WCXY w AL install cost	rell and complete wit	h 44 stages. AFE include	s drilling, completions,	flowback and Initial
		DRILLING	COMPLETION	PRODUCTION	TOTAL
INTANGIBLE CO	OSTS	COSTS	COSTS	COSTS	COSTS
Land/Legal/Regulatory	\$	59,066		37,500	\$ 96,566
Location, Surveys & Damages Freight/Transportation	· —	288,079 47,628	18,067 43,778	2,500 25,000	308,647 116,406
Rental - Surface Equipment	_	124,327	215,417	105,000	444,744
Rental - Downhole Equipmer	nt	205,424	59,805		265,229
Rental - Living Quarters	_	48,083	54,480	-	102,562
0 Directional Drilling, Survey 1 Drilling	s	429,543 753,820			429,543 753,820
2 Drill Bits	_	100,176			100,176
3 Fuel & Power	_	188,935	725,061	-	913,996
4 Cementing & Float Equip	=	243,296	-	-	243,296
5 Completion Unit, Swab, CTI 6 Perforating, Wireline, Slickl			393,136	15,000	15,000 393,136
7 High Pressure Pump Truck			123,274		123,274
8 Completion Unit, Swab, CT	U -	-	146,484	-	146,484
0 Mud Circulation System		105,209	-	-	105,209
1 Mud Logging 2 Logging / Formation Evaluat	tion	17,529 7,270	8,339	-	17,529 15,609
22 Logging / Formation Evaluat 23 Mud & Chemicals	_	361,835	438,185	10,000	810,020
24 Water	_	43,459	661,625	300,000	1,005,083
25 Stimulation	=	-	814,033	-	814,033
26 Stimulation Flowback & Dis 28 Mud/Wastewater Disposal		193,104	121,606 61,151	150,000	271,606 254,254
30 Rig Supervision / Engineerii		121,196	133,420	21,667	276,283
32 Drlg & Completion Overhea		10,423	-		10,423
35 Labor		153,358	69,489	101,667	324,514
54 Proppant 95 Insurance	_	14.660	1,255,227		1,255,227
97 Contingency	_	14,000	24,421	3,833	28,254
9 Plugging & Abandonment	_	-	<del></del>	-	-
	TOTAL INTANGIBLES >	3,516,419	5,367,000	772,167	9,655,585
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE COS 50 Surface Casing	STS	COSTS 122,234	COSTS	COSTS	COSTS \$ 122,234
51 Intermediate Casing	<u> </u>	344,284			344,284
52 Drilling Liner	_	-	-	-	-
53 Production Casing	_	687,039		-	687,039
4 Production Liner 5 Tubing	_			140,000	140,000
66 Wellhead	_	64,820		40,000	104,820
7 Packers, Liner Hangers	_	14,732	-	20,000	34,732
58 Tanks	_	-	-	45,833	45,833
59 Production Vessels 70 Flow Lines	_	<u> </u>		126,667 66,667	126,667 66,667
71 Rod string	_				- 00,007
72 Artificial Lift Equipment		-	-	90,000	90,000
73 Compressor	_	-		5,833	5,833
74 Installation Costs 75 Surface Pumps	_	<del>-</del>		61,667	61,667
76 Downhole Pumps	_			-	
77 Measurement & Meter Insta		-	-	116,667	116,667
78 Gas Conditioning / Dehydra			<del></del>	20,000	20,000
79 Interconnecting Facility Pipi 80 Gathering / Bulk Lines	ng			20,000	20,000
31 Valves, Dumps, Controllers	_	-	-	108,333	108,333
32 Tank / Facility Containment	_	-	-	43,333	43,333
83 Flare Stack	=	-		16,667	16,667
84 Electrical / Grounding 85 Communications / SCADA	_	<del>-</del>		50,000 36,667	50,000 36,667
36 Instrumentation / Safety	_	<del>-</del>		833	833
	TOTAL TANGIBLES >	1,233,109	0	989,167	2,222,276
	TOTAL COSTS >	4,749,528	5,367,000	1,761,334	11,877,862
PARED BY Permian Resou	rces Operating LLC				
Drilling Engineer:	PS PS				
Completions Engineer:	ML.				
Production Engineer:	DC				
ian Resources Operating,	LLC APPROVAL:				
Co-CEO		Co-CI		VP - Oper	
_	WH		JW		CRM
VP - Land & Legal		VP - Geosciene			
vi - Land & Degai	BG		SO		
vi - Land & Legai_					
VI - Land & Legal_					
_					
_	APPROVAL:				
_	APPROVAL:		Working Interest (%):	T:	ax ID:
N OPERATING PARTNER  Company Name:	APPROVAL:			T	ax ID:
I OPERATING PARTNER	APPROVAL:		Working Interest (%):  Date:	T:	ax ID:

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300 N. MARIENFELD STREET, SUITE 1000 MIDLAND, TX 79701

**OFFICE** 432.695.4222 **FAX** 432.695.4063

March 17, 2023 Via Certified Mail

Ard Oil Ltd.
P.O. Box 101027
Fort Worth, Texas 76185

RE: Joker 5-8 Federal Com – Well Proposals

Sections 5 & 8, T20S-R34E Lea County, New Mexico

To Whom It May Concern:

Permian Resources Operating, LLC, as operator for Read & Stevens, Inc. ("Permian"), hereby proposes the drilling and completion of the following twenty-four (24) wells, the Joker 5-8 Federal Com wells at approximate locations within Township 20 South, Range 34 East:

### FIRST BONE SPRING FORMATION:

# 1. Joker 5-8 Federal Com 111H - (West Pad)

SHL: 380' FNL & 2,179' FWL (or at a legal location in Lot 3) of Section 5

FTP: 100' FNL & 330' FWL of Section 5 LTP: 100' FSL & 330' FWL of Section 8 BHL: 10' FSL & 330' FWL of Section 8

Standard Spacing Unit: Lot 4, SWNW, W2SW of Section 5, W2W2 of Section 8, T20S-R34E

TVD: 9,576' TMD: 19,861'

# 2. Joker 5-8 Federal Com 112H – (West Pad)

SHL: 380' FNL & 2,212' FWL (or at a legal location in Lot 3) of Section 5

FTP: 100' FNL & 1,650' FWL of Section 5 LTP: 100' FSL & 1,650' FWL of Section 8 BHL: 10' FSL & 1,650' FWL of Section 8

Standard Spacing Unit: Lot 3, SENW, E2SW of Section 5, E2W2 of Section 8, T20S-R34E

TVD: 9,596' TMD: 19,881'

### 3. Joker 5-8 Federal Com 113H – (East Pad)

SHL: 380' FNL & 2,005' FEL (or at a legal location in Lot 2) of Section 5

FTP: 100' FNL & 2,310' FEL of Section 5 LTP: 100' FSL & 2,310' FEL of Section 8 BHL: 10' FSL & 2,310' FEL of Section 8

Standard Spacing Unit: Lot 2, SWNE, W2SE of Section 5, W2E2 of Section 8, T20S-R34E

TVD: 9,616' TMD: 19,901'

# 4. Joker 5-8 Federal Com 114H - (East Pad)

SHL: 380' FNL & 1,840' FEL (or at a legal location in Lot 2) of Section 5

FTP: 100' FNL & 990' FEL of Section 5 LTP: 100' FSL & 990' FEL of Section 8 BHL: 10' FSL & 990' FEL of Section 8

Standard Spacing Unit: Lot 1, SENE, E2SE of Section 5, E2E2 of Section 8, T20S-R34E

TVD: 9,616' TMD: 19,901'

# **SECOND BONE SPRING FORMATION:**

# 5. Joker 5-8 Federal Com 121H - (West Pad)

SHL: 380' FNL & 2,245' FWL (or at a legal location in Lot 3) of Section 5

FTP: 100' FNL & 330' FWL of Section 5 LTP: 100' FSL & 330' FWL of Section 8 BHL: 10' FSL & 330' FWL of Section 8

Standard Spacing Unit: Lot 4, SWNW, W2SW of Section 5, W2W2 of Section 8, T20S-R34E

TVD: 10,316' TMD: 20,601'

### 6. Joker 5-8 Federal Com 122H - (West Pad)

SHL: 380' FNL & 2,278' FWL (or at a legal location in Lot 3) of Section 5

FTP: 100' FNL & 990' FWL of Section 5 LTP: 100' FSL & 990' FWL of Section 8 BHL: 10' FSL & 990' FWL of Section 8

Standard Spacing Unit: Lot 4, SWNW, W2SW of Section 5, W2W2 of Section 8, T20S-R34E

TVD: 9,981' TMD: 20,266'

### 7. Joker 5-8 Federal Com 123H - (West Pad)

SHL: 380' FNL & 2,311' FWL (or at a legal location in Lot 3) of Section 5

FTP: 100' FNL & 1,650' FWL of Section 5 LTP: 100' FSL & 1,650' FWL of Section 8 BHL: 10' FSL & 1,650' FWL of Section 8

Standard Spacing Unit: Lot 3, SENW, E2SW of Section 5, E2W2 of Section 8, T20S-R34E

TVD: 10,296' TMD: 20,581'

# 8. Joker 5-8 Federal Com 124H - (West Pad)

SHL: 380' FNL & 2,344' FWL (or at a legal location in Lot 3) of Section 5

FTP: 100' FNL & 2,310' FWL of Section 5 LTP: 100' FSL & 2,310' FWL of Section 8 BHL: 10' FSL & 2,310' FWL of Section 8

Standard Spacing Unit: Lot 3, SENW, E2SW of Section 5, E2W2 of Section 8, T20S-R34E

TVD: 9,971' TMD: 20,256'

# 9. Joker 5-8 Federal Com 125H - (East Pad)

SHL: 380' FNL & 1,972' FEL (or at a legal location in Lot 2) of Section 5

FTP: 100' FNL & 2,310' FEL of Section 5 LTP: 100' FSL & 2,310' FEL of Section 8 BHL: 10' FSL & 2,310' FEL of Section 8

Standard Spacing Unit: Lot 2, SWNE, W2SE of Section 5, W2E2 of Section 8, T20S-R34E

TVD: 10,286' TMD: 20.571'

### 10. Joker 5-8 Federal Com 126H - (East Pad)

SHL: 380' FNL & 1,939' FEL (or at a legal location in Lot 2) of Section 5

FTP: 100' FNL & 1,650' FEL of Section 5 LTP: 100' FSL & 1,650' FEL of Section 8 BHL: 10' FSL & 1,650' FEL of Section 8

Standard Spacing Unit: Lot 2, SWNE, W2SE of Section 5, W2E2 of Section 8, T20S-R34E

TVD: 9,961' TMD: 20,256'

# 11. Joker 5-8 Federal Com 127H - (East Pad)

SHL: 380' FNL & 1,906' FEL (or at a legal location in Lot 2) of Section 5

FTP: 100' FNL & 990' FEL of Section 5 LTP: 100' FSL & 990' FEL of Section 8 BHL: 10' FSL & 990' FEL of Section 8

Standard Spacing Unit: Lot 1, SENE, E2SE of Section 5, E2E2 of Section 8, T20S-R34E

TVD: 10,286' TMD: 20,571'

### 12. Joker 5-8 Federal Com 128H - (East Pad)

SHL: 380' FNL & 1,873' FEL (or at a legal location in Lot 2) of Section 5

FTP: 100' FNL & 330' FEL of Section 5 LTP: 100' FSL & 330' FEL of Section 8 BHL: 10' FSL & 330' FEL of Section 8

Standard Spacing Unit: Lot 1, SENE, E2SE of Section 5, E2E2 of Section 8, T20S-R34E

TVD: 9,961' TMD: 20,256'

# THIRD BONE SPRING CARB (HARKEY) FORMATION:

# 13. Joker 5-8 Federal Com 171H - (West Pad)

SHL: 250' FNL & 2,179' FWL (or at a legal location in Lot 3) of Section 5

FTP: 100' FNL & 990' FWL of Section 5 LTP: 100' FSL & 990' FWL of Section 8 BHL: 10' FSL & 990' FWL of Section 8

Standard Spacing Unit: Lot 4, SWNW, W2SW of Section 5, W2W2 of Section 8, T20S-R34E

TVD: 10,451' TMD: 20,736'

### 14. Joker 5-8 Federal Com 172H - (West Pad)

SHL: 250' FNL & 2,344' FWL (or at a legal location in Lot 3) of Section 5

FTP: 100' FNL & 2,310' FWL of Section 5 LTP: 100' FSL & 2,310' FWL of Section 8 BHL: 10' FSL & 2,310' FWL of Section 8

Standard Spacing Unit: Lot 3, SENW, E2SW of Section 5, E2W2 of Section 8, T20S-R34E

TVD: 10,446' TMD: 20,731'

# 15. Joker 5-8 Federal Com 173H - (East Pad)

SHL: 250' FNL & 2,005' FEL (or at a legal location in Lot 2) of Section 5

FTP: 100' FNL & 1,650' FEL of Section 5 LTP: 100' FSL & 1,650' FEL of Section 8 BHL: 10' FSL & 1,650' FEL of Section 8

Standard Spacing Unit: Lot 2, SWNE, W2SE of Section 5, W2E2 of Section 8, T20S-R34E

TVD: 10,436' TMD: 20,721'

### 16. Joker 5-8 Federal Com 174H - (East Pad)

SHL: 250' FNL & 1,840' FEL (or at a legal location in Lot 2) of Section 5

FTP: 100' FNL & 330' FEL of Section 5 LTP: 100' FSL & 330' FEL of Section 8 BHL: 10' FSL & 330' FEL of Section 8

Standard Spacing Unit: Lot 1, SENE, E2SE of Section 5, E2E2 of Section 8, T20S-R34E

TVD: 10,416' TMD: 20,701'

# THIRD BONE SPRING FORMATION:

### 17. Joker 5-8 Federal Com 131H - (West Pad)

SHL: 250' FNL & 2,212' FWL (or at a legal location in Lot 3) of Section 5

FTP: 100' FNL & 330' FWL of Section 5 LTP: 100' FSL & 330' FWL of Section 8 BHL: 10' FSL & 330' FWL of Section 8

Standard Spacing Unit: Lot 4, SWNW, W2SW of Section 5, W2W2 of Section 8, T20S-R34E

TVD: 10,831' TMD: 21,116'

# 18. Joker 5-8 Federal Com 132H – (West Pad)

SHL: 250' FNL & 2,278' FWL (or at a legal location in Lot 3) of Section 5

FTP: 100' FNL & 1,650' FWL of Section 5 LTP: 100' FSL & 1,650' FWL of Section 8 BHL: 10' FSL & 1,650' FWL of Section 8

Standard Spacing Unit: Lot 3, SENW, E2SW of Section 5, E2W2 of Section 8, T20S-R34E

TVD: 10,831' TMD: 21,116'

### 19. Joker 5-8 Federal Com 133H - (East Pad)

SHL: 250' FNL & 1,972' FEL (or at a legal location in Lot 2) of Section 5

FTP: 100' FNL & 2,310' FEL of Section 5 LTP: 100' FSL & 2,310' FEL of Section 8 BHL: 10' FSL & 2,310' FEL of Section 8

Standard Spacing Unit: Lot 2, SWNE, W2SE of Section 5, W2E2 of Section 8, T20S-R34E

TVD: 10,821' TMD: 21,106'

### 20. Joker 5-8 Federal Com 134H – (East Pad)

SHL: 250' FNL & 1,906' FEL (or at a legal location in Lot 2) of Section 5

FTP: 100' FNL & 990' FEL of Section 5 LTP: 100' FSL & 990' FEL of Section 8 BHL: 10' FSL & 990' FEL of Section 8

Standard Spacing Unit: Lot 1, SENE, E2SE of Section 5, E2E2 of Section 8, T20S-R34E

TVD: 10,821' TMD: 21,106'

### **WOLFCAMP XY FORMATION:**

### 21. Joker 5-8 Federal Com 201H - (West Pad)

SHL: 250' FNL & 2,245' FWL (or at a legal location in Lot 3) of Section 5

FTP: 100' FNL & 990' FWL of Section 5 LTP: 100' FSL & 990' FWL of Section 8 BHL: 10' FSL & 990' FWL of Section 8

Standard Spacing Unit: Lot 4, SWNW, W2SW of Section 5, W2W2 of Section 8, T20S-R34E

TVD: 10,926' TMD: 21,211'

### 22. Joker 5-8 Federal Com 202H - (West Pad)

SHL: 250' FNL & 2,311' FWL (or at a legal location in Lot 3) of Section 5

FTP: 100' FNL & 2,310' FWL of Section 5 LTP: 100' FSL & 2,310' FWL of Section 8 BHL: 10' FSL & 2,310' FWL of Section 8

Standard Spacing Unit: Lot 3, SENW, E2SW of Section 5, E2W2 of Section 8, T20S-R34E

TVD: 10,926' TMD: 21,211'

# 23. Joker 5-8 Federal Com 203H - (East Pad)

SHL: 250' FNL & 1,939' FEL (or at a legal location in Lot 2) of Section 5

FTP: 100' FNL & 1,650' FEL of Section 5 LTP: 100' FSL & 1,650' FEL of Section 8 BHL: 10' FSL & 1,650' FEL of Section 8

Standard Spacing Unit: Lot 2, SWNE, W2SE of Section 5, W2E2 of Section 8, T20S-R34E

TVD: 10,906' TMD: 21,191'

# 24. Joker 5-8 Federal Com 204H - (East Pad)

SHL: 250' FNL & 1,873' FEL (or at a legal location in Lot 2) of Section 5

FTP: 100' FNL & 330' FEL of Section 5 LTP: 100' FSL & 330' FEL of Section 8 BHL: 10' FSL & 330' FEL of Section 8

Standard Spacing Unit: Lot 1, SENE, E2SE of Section 5, E2E2 of Section 8, T20S-R34E

TVD: 10,896' TMD: 21,181'

The locations, TVDs, and targets are approximate and subject to change dependent on surface or subsurface issues encountered. These locations do fall within an approved potash drill island, so any surface changes remain subject to BLM approval. Permian is proposing to drill these wells under the modified terms of the 1989 AAPL Operating Agreement and a form of said Operating Agreement is enclosed. The Operating Agreement has the following general provisions:

- -100%/300%/300% non-consent provisions
- \$8,000/\$800 drilling and producing rates
- Permian Resources Operating, LLC named as Operator

Note that communitization agreements for each spacing unit shall be sent in a separate mailing.

Please indicate your election to participate in the drilling and completion of the proposed wells in the space provided below. Please sign and return one copy of this letter, a signed copy of the proposed AFE, and your geologic well requirements.

Please further note that the Sections 5 & 8 require a Potash Development Area to be approved by the Bureau of Land Management prior to any permits to be submitted. Permian has submitted for this development area and conducted federal onsites. This development area has been protested by Cimarex. Any development of these two sections will be subject to that protest being dismissed.

In the interest of time, should we not reach an agreement within thirty (30) days of the date of your receipt of this letter, Permian will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a spacing unit for the proposed well. If you do not wish to participate, Permian would be interested in acquiring your interest in the subject lands which is subject to further mutually agreeable negotiation.

Thank you for your time and consideration, if you have any questions at all, please don't hesitate to contact me at 432.400.1037 or by email at travis.macha@permianres.com. Due to the number of inquiries received, email may be the quickest way to receive a response.

<u>Operator Note:</u> Permian has recently drilled a pilot hole in the N/2 of Section 18 of T20S-R34E to the southwest of the Joker unit and is presently drilling a 3<sup>rd</sup> Bone Spring/Wolfcamp XY spacing test in Sections 18 & 19 (Batman Unit). Permian further plans a second 1<sup>st</sup> Bone Spring/2<sup>nd</sup> Bone Spring spacing test in Sections 17 & 20 of T20S-R34E directly south of the Joker unit later this year (Robin Unit). The learnings from the pilot hole and both spacing tests will be implemented by Permian in all zones here in order to ensure thoughtful and efficient development.

Respectfully,

Travis Macha

Senior Landman

Enclosures

# **Joker 5-8 Federal Com Elections:**

Well Elections						
(Please indicate your responses in the spaces below)						
Well(s)	Elect to Participate	Elect to NOT Participate				
Joker 5-8 Federal Com 111H						
Joker 5-8 Federal Com 112H						
Joker 5-8 Federal Com 113H						
Joker 5-8 Federal Com 114H						
Joker 5-8 Federal Com 121H						
Joker 5-8 Federal Com 122H						
Joker 5-8 Federal Com 123H						
Joker 5-8 Federal Com 124H						
Joker 5-8 Federal Com 125H						
Joker 5-8 Federal Com 126H						
Joker 5-8 Federal Com 127H						
Joker 5-8 Federal Com 128H						
Joker 5-8 Federal Com 171H						
Joker 5-8 Federal Com 172H						
Joker 5-8 Federal Com 173H						
Joker 5-8 Federal Com 174H						
Joker 5-8 Federal Com 131H						
Joker 5-8 Federal Com 132H						
Joker 5-8 Federal Com 133H						
Joker 5-8 Federal Com 134H						
Joker 5-8 Federal Com 201H						
Joker 5-8 Federal Com 202H						
Joker 5-8 Federal Com 203H						
Joker 5-8 Federal Com 204H						

Company Name (If Applicable):	
Ву:	
Printed Name:	
Date:	

Received by OCD: 7/14/2023 12:17:21 PM

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Permian Resources Operating, LLC 300 N. Marienfeld St., Ste. 1000 Midland, TX 79701
Phone (432) 695-4222 • Fax (432) 695-4063

DATE:	2.17.2023		ORIZATION FOR EXPENDE	AFE NO.:	1
VELL NAME:	Joker 5-8 Federal Com 11	1411		FIELD:	
OCATION:	Section 5, T20S-R34E	1111		MD/TVD:	Teas; Bone Spring 19,861' / 9,576'
				LATERAL LENGTH:	10,000'
OUNTY/STATE:	Lea County, New Mexico	<u>,                                      </u>		DRILLING DAYS:	19.6
ermian WI: GEOLOGIC TARGET:	FBSG			COMPLETION DAYS:	19.6
SEOLOGIC TARGET:		well and complete with	1 44 stages. AFE includes	_	
EMARKS:	install cost	ven and complete with	144 stages. In E includes	arming, completions, n	ow back and initial 712
INTANGIBLE	COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
Land / Legal / Regulatory	5	52,768	-	37,500	\$ 90,268
Location, Surveys & Damas Freight/Transportation	ges	257,363 42,549	16,141 39,110	2,500	276,003
Rental - Surface Equipmen	t	111,070	192,448	105,000	408,518
Rental - Downhole Equipm		183,520	53,429	-	236,949
Rental - Living Quarters		42,956	48,671	-	91,627
0 Directional Drilling, Surv 1 Drilling	eys	383,743 673,443	-	-	383,743 673,443
2 Drill Bits		89,495			89,495
3 Fuel & Power		168,789	647,751	-	816,540
4 Cementing & Float Equip	**** 1	217,354	-	15.000	217,354
5 Completion Unit, Swab, C 6 Perforating, Wireline, Slic		-	351,218	15,000	15,000 351,218
7 High Pressure Pump Truc		-	110,130		110,130
8 Completion Unit, Swab, C			130,865	-	130,865
Mud Circulation System		93,991			93,991
1 Mud Logging 2 Logging / Formation Evalt	uation	15,660 6,495	7,450	-	15,660 13,944
3 Mud & Chemicals	-	323,254	391,463	10,000	724,717
4 Water		38,825	591,078	225,000	854,903
5 Stimulation 6 Stimulation Flowback & I	Dien		727,236 108,640	150,000	727,236
6 Stimulation Flowback & I 8 Mud/Wastewater Dispos		172,514	108,640 54,630	150,000	258,640 227,144
0 Rig Supervision / Enginee		108,273	119,194	21,667	249,134
2 Drlg & Completion Overh	iead	9,312	-	-	9,312
5 Labor		137,006	62,080 1,121,387	101,667	300,753 1,121,387
64 Proppant 95 Insurance		13,096	1,121,307		1,121,387
7 Contingency		-	21,817	3,833	25,650
9 Plugging & Abandonmen			-	-	-
	TOTAL INTANGIBLES >	3,141,476	4,794,736	697,167	8,633,37
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE C	OSTS	COSTS	COSTS	COSTS	COSTS
U Surface Casing	\$	109,201 307,574			\$ 109,201 307,574
1 Intermediate Casing 2 Drilling Liner		307,374			307,374
3 Production Casing		613,783			613,783
4 Production Liner					-
5 Tubing 6 Wellhead		57,908	-	140,000	140,000 97,908
7 Packers, Liner Hangers		13,161	<del></del>	20,000	33,161
8 Tanks			-	45,833	45,833
9 Production Vessels		-	-	126,667	126,667
70 Flow Lines 71 Rod string				66,667	66,667
2 Artificial Lift Equipment				90,000	90,000
3 Compressor		-	-	5,833	5,833
4 Installation Costs		-	-	-	-
5 Surface Pumps 6 Downhole Pumps		-	-	61,667	61,667
7 Measurement & Meter Ins	stallation			116,667	116,667
8 Gas Conditioning / Dehyd		-	-	-	-
9 Interconnecting Facility Pi	iping	-	-	20,000	20,000
0 Gathering / Bulk Lines 1 Valves, Dumps, Controlle	we.			108,333	108,333
2 Tank / Facility Containme				43,333	43,333
3 Flare Stack		-	-	16,667	16,667
4 Electrical / Grounding		-	-	50,000	50,000
5 Communications / SCADA 6 Instrumentation / Safety	A			36,667 853	36,667
o mstrumentation, sarety	TOTAL TANGIBLES >	1,101,627	- 0	989.187	2,090,814
	TOTAL COSTS >		4,794,736	1,686,354	10,724,19
PARED BY Permian Reso	:: PS				
Completions Engineer					
D., 1	: DC				
Production Engineer					
	g, LLC APPROVAL:		EO	VP - Oper	
	)	Co-C			CRM
ian Resources Operating	) WH		JW		CAUT
an Resources Operating	) WH	Co-C VP - Geoscien	***		Cattra
ian Resources Operating Co-CEC  VP - Land & Lega	O WH		***		
ian Resources Operating Co-CEC VP - Land & Lega OPERATING PARTNE	WH BG BG ER APPROVAL:		SO SO	т	ax ID:
CO-CEC  VP - Land & Lega  OPERATING PARTNE  Company Name	WH BG BG ER APPROVAL:		SO SO Working Interest (%):		
ian Resources Operating Co-CEC VP - Land & Lega OPERATING PARTNE	WH BG BG ER APPROVAL:		SO SO	т	

		JF COSTS AND AUTHO	ORIZATION FOR EXPENDI		
DATE:	2.17.2023		<del></del>	AFE NO.:	1
WELL NAME:	Joker 5-8 Federal Com 12	1H		FIELD:	Teas; Bone Spring
OCATION:	Section 5, T20S-R34E			MD/TVD:	20,601' / 10,316'
OUNTY/STATE:	Lea County, New Mexico	)		LATERAL LENGTH:	10,000'
ermian WI: GEOLOGIC TARGET:	SBSG			DRILLING DAYS:	19.6
EULUGIC IARGEI.		call and complete with	n 44 stages. AFE includes o		
REMARKS:	install cost	ell and complete with	144 Stages. Art: metuces c	irilling, completions, no	WDack and mudai AL
INTANGIBLE	COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
Land / Legal / Regulatory Location, Surveys & Dam	ages p	54,351 265,083	16,625	37,500 2,500	\$ 91,851 284,208
Freight / Transportation		43,826	40,284	25,000	109,110
Rental - Surface Equipme		114,402 189,026	198,221	105,000	417,624
Rental - Downhole Equip Rental - Living Quarters	ment .	189,026	55,031 50,131		244,057 94,375
0 Directional Drilling, Sur	veys	395,255	-	-	395,255
1 Drilling 2 Drill Bits		693,647 92,179			693,647 92,179
3 Fuel & Power		173,853	667,183	-	841,036
4 Cementing & Float Equip		223,875	-		223,875
5 Completion Unit, Swab, 6 Perforating, Wireline, Sli			361,/54	15,000	15,000 361,754
7 High Pressure Pump Tru			113,434		113,434
8 Completion Unit, Swab,			134,791		134,791
20 Mud Circulation System 21 Mud Logging		96,811 16,130			96,811 16,130
22 Logging/Formation Eva	luation	6,690	7,673		14,363
23 Mud & Chemicals	•	332,951	403,207	10,000	746,158
24 Water 25 Stimulation	,	39,990	608,810 749,053	250,000	898,800 749,053
26 Stimulation Flowback &	Disp		111,899	150,000	261,899
28 Mud/Wastewater Dispo		177,689	56,269		233,959
30 Rig Supervision / Engine 32 Drlg & Completion Over		9,591	122,769	21,667	255,958 9,591
35 Labor	ileau .	141,116	63,942	101,667	306,725
54 Proppant			1,155,029	-	1,155,029
95 Insurance		13,489	22,472	3,833	13,489
97 Contingency 99 Plugging & Abandonme	nt .	<del></del>		- 3,633	20,303
	TOTAL INTANGIBLES >	3,235,720	4,938,578	722,167	8,896,465
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE	COSTS	COSTS	COSTS	COSTS	COSTS
60 Surface Casing	\$	112,477	-		\$ 112,477
61 Intermediate Casing 62 Drilling Liner		316,801		-	316,801
63 Production Casing		632,196			632,196
64 Production Liner			-		-
65 Tubing 66 Wellhead		59,645	-	140,000 40,000	140,000 99,645
67 Packers, Liner Hangers		13,556		20,000	33,556
68 Tanks		-	-	-	-
69 Production Vessels 70 Flow Lines		-	-	45,833 126,667	45,833 126,667
71 Rod string				66,667	66,667
72 Artificial Lift Equipment	•	-	-	90,000	90,000
73 Compressor 74 Installation Costs		-	-	5,833	5,833
74 Installation Costs 75 Surface Pumps				61,667	61,667
76 Downhole Pumps		-	-		
77 Measurement & Meter Ir		-	-	116,667	116,667
78 Gas Conditioning/Dehy 79 Interconnecting Facility		-	-		
	pining	-		20,000	20.000
80 Gathering / Bulk Lines	Piping		-	20,000	20,000
80 Gathering / Bulk Lines 81 Valves, Dumps, Controll	ers	-	- - -	108,333	108,333
80 Gathering / Bulk Lines 81 Valves, Dumps, Controll 82 Tank / Facility Containm	ers			108,333 43,333	- 108,333 43,333
80 Gathering / Bulk Lines 81 Valves, Dumps, Controll 82 Tank / Facility Containm 83 Flare Stack	ers	- - - - - - -	- - - - -	108,333	108,333
80 Gathering / Bulk Lines 81 Valves, Dumps, Controll 82 Tank / Facility Containm 83 Flare Stack 84 Electrical / Grounding 85 Communications / SCAL	ers ent	- - - - - -		108,333 43,333 16,667 50,000 36,667	108,333 43,333 16,667 50,000 36,667
80 Gathering / Bulk Lines 81 Valves, Dumps, Controll 82 Tank / Facility Containm 83 Flare Stack 84 Electrical / Grounding 85 Communications / SCAE	ers eent DA			108,333 43,333 16,667 50,000 36,667 833	108,333 43,333 16,667 50,000 36,667 833
80 Gathering / Bulk Lines 51 Valves, Dumps, Controll 52 Tank / Facility Containm 33 Flare Stack 44 Electrical / Grounding 55 Communications / SCAL	ers  DA  TOTAL TANGIBLES >	1,134,676		108,333 43,333 16,667 50,000 36,667 833 989,167	108,333 43,333 16,667 50,000 36,667 833 2,123,843
80 Gathering / Bulk Lines 51 Valves, Dumps, Controll 52 Tank / Facility Containm 33 Flare Stack 44 Electrical / Grounding 55 Communications / SCAL	ers eent DA	1,134,676 4,370,396	0 4,938,578	108,333 43,333 16,667 50,000 36,667 833	108,333 43,333 16,667 50,000 36,667 833
30 Gathering, Bulk Lines 31 Valves, Dumps, Controll 32 Tank / Facility Containm 33 Flare Stack 44 Electrical / Grounding 55 Communications / SCAL 66 Instrumentation / Safety	TOTAL TANGIBLES >			108,333 43,333 16,667 50,000 36,667 833 989,167	108,333 43,333 16,667 50,000 36,667 833 2,123,843
80 Gathering, Bulk Lines \$1 Valves, Dumps, Controll \$2 Tank / Facility Containm \$3 Flare Stack \$4 Electrical / Grounding \$5 Communications / SCAL \$6 Instrumentation / Safety	TOTAL TANGIBLES > TOTAL COSTS > sources Operating, LLC:			108,333 43,333 16,667 50,000 36,667 833 989,167	108,333 43,333 16,667 50,000 36,667 833 2,123,843
30 Gathering, Bulk Lines 31 Valves, Dumps, Controll 32 Tank / Facility Containm 33 Flare Stack 44 Electrical / Grounding 55 Communications / SCAL 66 Instrumentation / Safety  PARED BY Permian Res  Drilling Engines	TOTAL TANGIBLES > TOTAL COSTS > sources Operating, LLC: pr. PS			108,333 43,333 16,667 50,000 36,667 833 989,167	108,333 43,333 16,667 50,000 36,667 833 2,123,843
80 Gathering/ Bulk Lines 18 Valves, Dumps, Controll 12 Tank / Facility Containm 13 Flare Stack 44 Electrical / Grounding 15 Communications / SCAL 16 Instrumentation / Safety	TOTAL TANGIBLES > TOTAL COSTS >  Sources Operating, LLC: er: PS er: ML			108,333 43,333 16,667 50,000 36,667 833 989,167	108,333 43,333 16,667 50,000 36,667 833 2,123,843
10 Gathering/ Bulk Lines 11 Valves, Dumps, Controll 12 Tank / Facility Containm 13 Flare Stack 14 Electrical / Grounding 15 Communications / SCAE 16 Instrumentation / Safety  PARED BY Permian Res  Drilling Enginee Completions Enginee Production Enginee	TOTAL TANGIBLES > TOTAL COSTS > Sources Operating, LLC: er: PS er: ML er: DC			108,333 43,333 16,667 50,000 36,667 833 989,167	108,333 43,333 16,667 50,000 36,667 833 2,123,843
80 Gathering/ Bulk Lines 18 Valves, Dumps, Controll 12 Tank / Facility Containm 13 Flare Stack 44 Electrical / Grounding 15 Communications / SCAL 16 Instrumentation / Safety  PARED BY Permian Res  Drilling Enginee Completions Enginee Production Enginee	TOTAL TANGIBLES > TOTAL COSTS > Sources Operating, LLC:  PS PS PT: ML PT: DC  DC, LLC APPROVAL:	4,370,396	4,938,578	108,333 43,333 16,667 50,000 36,667 833 989,167 1,711,334	108,533 43,333 16,667 50,000 36,667 833 2,123,843 11,020,308
10 Gathering/ Bulk Lines 11 Valves, Dumps, Controll 12 Tank / Facility Containm 13 Flare Stack 14 Electrical / Grounding 15 Communications / SCAE 16 Instrumentation / Safety  PARED BY Permian Res  Drilling Enginee Completions Enginee Production Enginee	TOTAL TANGIBLES > TOTAL COSTS > SOURCES Operating, LLC: er: PS er: ML er: DC ag, LLC APPROVAL:		4,938,578	108,333 43,333 16,667 50,000 36,667 833 989,167	108,333 43,333 16,667 30,000 36,667 833 2,2123,843 11,020,308
80 Gathering/ Bulk Lines 81 Valves, Dumps, Controll 12 Tank / Facility Containm 13 Flare Stack 44 Electrical / Grounding 15 Communications / SCAL 16 Instrumentation / Safety  PARED BY Permian Res  Drilling Enginee  Completions Enginee  Production Enginee  atian Resources Operatin	TOTAL TANGIBLES > TOTAL COSTS >  SOURCES OPERATING, LLC: er: PS er: ML er: DC  ag, LLC APPROVAL:	4,370,396	4,938,578  4,938,578  EO	108,333 43,333 16,667 50,000 36,667 833 989,167 1,711,334	108,333 43,333 16,667 50,000 36,667 8.33 2,123,843 11,020,308
30 Gathering/ Bulk Lines 31 Valves, Dumps, Controll 32 Tank / Facility Containm 33 Flare Stack 44 Electrical / Grounding 55 Communications / SCAL 56 Instrumentation / Safety  PARED BY Permian Res  Drilling Enginee  Completions Enginee  Production Enginee  nian Resources Operating	TOTAL TANGIBLES > TOTAL COSTS >  SOURCES OPERATING, LLC: er: PS er: ML er: DC  ag, LLC APPROVAL:	4,370,396	4,938,578  4,938,578  EO	108,333 43,333 16,667 50,000 36,667 833 989,167 1,711,334	108,333 43,333 16,667 30,000 36,667 833 2,2123,843 11,020,308
30 Gathering, Bulk Lines 31 Valves, Dumps, Controll 32 Tank / Facility Containm 33 Flare Stack 44 Electrical / Grounding 55 Communications / SCAL 56 Instrumentation / Safety  PARED BY Permian Res  Drilling Enginee  Completions Enginee  Production Enginee  nian Resources Operatin	TOTAL TANGIBLES > TOTAL COSTS >  SOURCES OPERATING, LLC: er: PS er: ML er: DC  ag, LLC APPROVAL:	4,370,396	4,938,578  4,938,578  EO	108,333 43,333 16,667 50,000 36,667 833 989,167 1,711,334	108,333 43,333 10,667 50,000 36,667 833 2,123,843 11,020,308
80 Gathering/ Bulk Lines 81 Valves, Dumps, Controll 92 Tank / Facility Containm 93 Flare Stack 44 Electrical / Grounding 95 Communications/ SCAE 96 Instrumentation / Safety PARED BY Permian Res  Drilling Enginee Completions Enginee Production Enginee Production Enginee Anian Resources Operation  CO-CE  VP - Land & Leg	TOTAL TANGIBLES > TOTAL COSTS > Sources Operating, LLC: er: PS er: ML er: DC mg, LLC APPROVAL:	4,370,396	4,938,578  4,938,578  EO	108,333 43,333 16,667 50,000 36,667 833 989,167 1,711,334	108,333 43,333 10,667 50,000 36,667 833 2,123,843 11,020,308
80 Gathering/ Bulk Lines 81 Valves, Dumps, Controll 82 Tank / Facility Containm 83 Flare Stack 44 Electrical / Grounding 85 Communications/ SCAL 86 Instrumentation / Safety  PARED BY Permian Res  Drilling Engines Completions Engines Production Engines And Resources Operatin  Co-CE  VP - Land & Leg	TOTAL TANGIBLES > TOTAL COSTS > SOURCES Operating, LLC: er: PS er: ML er: DC ag, LLC APPROVAL:  O WH gal BG  ER APPROVAL:	4,370,396	4,938,578  EEO	108,333 43,333 16,667 50,000 36,667 833 989,167 1,711,334	108,333 43,333 16,667 50,000 30,067 833 2,123,843 11,020,308
80 Gathering/ Bulk Lines 81 Valves, Dumps, Controll 92 Tank / Facility Containm 93 Flare Stack 44 Electrical / Grounding 95 Communications/ SCAE 96 Instrumentation / Safety PARED BY Permian Res  Drilling Enginee Completions Enginee Production Enginee Production Enginee Anian Resources Operation  CO-CE  VP - Land & Leg	TOTAL TANGIBLES > TOTAL COSTS > SOURCES Operating, LLC: er: PS er: ML er: DC ag, LLC APPROVAL:  O WH gal BG  ER APPROVAL:	4,370,396	4,938,578  4,938,578  EO	108,333 43,333 16,667 50,000 36,667 833 989,167 1,711,334	108,333 43,333 16,667 50,000 36,667 833 2,123,843 11,020,308
80 Gathering, Bulk Lines \$1 Valves, Dumps, Controll \$2 Tank / Facility Containm \$3 Flare Stack \$4 Electrical / Grounding \$5 Communications / SCAL \$6 Instrumentation / Safety  PARED BY Permian Res  Drilling Enginee Completions Enginee Production Enginee Anian Resources Operatin  Co-CE  VP - Land & Leg	TOTAL TANGIBLES > TOTAL COSTS > SOURCES Operating, LLC: er: PS er: ML er: DC ng, LLC APPROVAL: gal BG  ER APPROVAL: ne:	4,370,396	4,938,578  EEO	108,333 43,333 16,667 50,000 36,667 833 989,167 1,711,334	108,333 43,333 16,667 50,000 36,667 833 2,123,843 11,020,308

No (mark one)

DATE: WELL NAME:		OF COSTS AND AUTHO	ORIZATION FOR EXPEND		
	2.17.2023			AFE NO.:	1
	Joker 5-8 Federal Com 12	22H		FIELD:	Teas; Bone Spring
OCATION:	Section 5, T20S-R34E			MD/TVD:	20,266' / 9,981'
OUNTY/STATE:	Lea County, New Mexico	0		LATERAL LENGTH:	10,000'
ermian WI:				DRILLING DAYS:	19.6
EOLOGIC TARGET:	SBSG			COMPLETION DAYS:	18.6
EMARKS:	Drill a horizontal SBSG v install cost	well and complete with	1 44 stages. AFE includes	drilling, completions, fl	owback and Initial AL
EWAKO.	nistan cost	DRILLING	COMPLETION	PRODUCTION	TOTAL
INTANGIBLE C	COSTS	COSTS 54,351	COSTS	COSTS 37,500	COSTS 91,851
Location, Surveys & Damag	ges	265,083	16,625	2,500	284,208
Freight / Transportation	,	43,826	40,284	25,000	109,110
Rental - Surface Equipment		114,402	198,221	105,000	417,624
Rental - Downhole Equipm	ent	189,026	55,031	-	244,057
Rental - Living Quarters		44,244	50,131	-	94,375
Directional Drilling, Surve Drilling	:ys	395,255			395,255 693,647
Drill Bits		693,647			92,179
Fuel & Power		173,853	667,183		841,036
Cementing & Float Equip		223,875	-	-	223,875
Completion Unit, Swab, C	TU		-	15,000	15,000
Perforating, Wireline, Slick		-	361,/54	-	361,754
High Pressure Pump Truck		-	113,434	-	113,434
Completion Unit, Swab, C	10	07.011	134,791		134,791 96,811
Mud Circulation System Mud Logging		96,811 16,130			96,811
: Mud Logging ! Logging/Formation Evalu	ation	6,690	7,673		14,363
3 Mud & Chemicals		332,951	403,207	10,000	746,158
Water		39,990	608,810	250,000	898,800
Stimulation		-	749,053		749,053
Stimulation Flowback & D		-	111,899	150,000	261,899
Mud/Wastewater Disposa		177,689	56,269	-	233,959
Rig Supervision / Engineer		9,591	122,769	21,667	255,958 9,591
Drlg & Completion Overho Labor	eau	141,116	63,942	101,66/	306.775
Proppant		- 141,110	1,155,029	101,007	1,155,029
Insurance		13,489	-,,		13,489
Contingency			22,472	3,833	26,305
Plugging & Abandonment	:	-	-	-	-
	TOTAL INTANGIBLES >	3,235,720	4,938,578	722,167	8,896,465
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE CO	OSTS	COSTS	COSTS	COSTS	COSTS
Surface Casing	S S	112,477	-	-	\$ 112,477
I Intermediate Casing		316,801	-		316,801
2 Drilling Liner			-		-
Production Casing		632,196	-	-	632,196
4 Production Liner		-	-	-	-
5 Tubing		-	-	140,000	140,000
Wellhead		59,645	-	40,000	99,645
7 Packers, Liner Hangers		13,556	-	20,000	33,556
3 Tanks 9 Production Vessels				45,833	45,833
Flow Lines				126,667	126,667
l Rod string				66,667	66,667
2 Artificial Lift Equipment			-	90,000	90,000
3 Compressor				5,833	5,833
I Installation Costs		-	-		-
Surface Pumps		-	-	61,667	61,667
	. 11	-		****	116,667
	tallation				
Measurement & Meter Ins				116,667	110,007
7 Measurement & Meter Ins 3 Gas Conditioning/ Dehyd	ration	-	-	-	-
7 Measurement & Meter Ins 8 Gas Conditioning / Dehyd 9 Interconnecting Facility Pi	ration	-	-	20,000	-
7 Measurement & Meter Ins 8 Gas Conditioning / Dehyd 9 Interconnecting Facility Pi 10 Gathering / Bulk Lines	ration ping		- - - -	-	20,000
7 Measurement & Meter Insi 3 Gas Conditioning/Dehyd 9 Interconnecting Facility Pi 1 Gathering/Bulk Lines 1 Valves, Dumps, Controller	tration ping rs	- - - - -		20,000	20,000
Measurement & Meter Insi Gas Conditioning/Dehyd Interconnecting Facility Pi Gathering/Bulk Lines Valves, Dumps, Controller Tank/Facility Containment Flare Stack	tration ping rs	- - - - - - -		20,000 - 108,333 43,333 16,667	20,000 - 108,333 43,333 16,667
7 Measurement & Meter Insi Gas Conditioning/ Dehyd J Interconnecting Facility Pi Gathering/ Bulk Lines I Valves, Dumps, Controller 2 Tank/Facility Containmen Flare Stack I Electrical/ Grounding	ration ping rs nt	- - - - - - -		20,000 	20,000 
5 Downhole Pumps 7 Measurement & Meter Inst 8 Gas Conditioning / Dehyd 9 Interconnecting Facility Pi 0 Gathering / Bulk Lines I Valves, Dumps, Controller 2 Tank / Facility Containmen 8 Flare Stack 4 Electrical / Grounding 5 Communications / SCADA 6 Intertumpating / Safaty	ration ping rs nt	- - - - - - -		20,000 108,333 43,333 16,667 50,000 36,667	20,000 - 108,333 43,333 16,667 50,000 36,667
7 Measurement & Meter Insi 5 Gas Conditioning/ Dehyd 9 Interconnecting Facility Pi 10 Gathering/ Bulk Lines 1 Valves, Dumps, Controller Tank/ Facility Containmen 5 Flare Stack 1 Electrical/ Grounding 5 Communications/ SCADA	tration ping rs nt	1194.074		20,000 108,333 43,333 16,667 50,000 36,667 833	20,000 108,333 43,333 16,667 50,000 36,667 833
Measurement & Meter Inst Gas Conditioning/ Dehyd Interconnecting Facility Pi Gathering/ Bulk Lines Valves, Dumps, Controller Tank/Facility Containment Flare Stack Electrical/ Grounding Communications/ SCADA	iration pping rs nt  TOTAL TANGIBLES >	1,134,676		20,000 	20,000 108,333 43,333 16,667 50,000 36,667 833 2,123,84:
7 Measurement & Meter Insi 5 Gas Conditioning/ Dehyd 9 Interconnecting Facility Pi 10 Gathering/ Bulk Lines 1 Valves, Dumps, Controller Tank/ Facility Containmen 5 Flare Stack 1 Electrical/ Grounding 5 Communications/ SCADA	tration ping rs nt	1,134,676	- - - - - - - - 0 4,938,578	20,000 108,333 43,333 16,667 50,000 36,667 833	20,000 108,333 43,333 16,667 50,000 36,667 833 2,123,843
Measurement & Meter Ins 5 Gas Conditioning/ Dehyd Interconnecting Facility FI Gathering / Bulk Lines Valves, Dumps, Controller Pank / Facility Containmer Flare Stack Electrical / Grounding 5 Communications / SCADA Instrumentation / Safety	ration pping rs nt  TOTAL TANGIBLES >			20,000 	20,000 108,333 43,333 16,667 50,000 36,667 833 2,123,84:
V Measurement & Meter Ins 8 Gas Conditioning / Dehyd 9 Interconnecting Facility PT 0 Gathering / Bulk Lines 1 Valves, Dumps, Controller 2 Tank / Facility Containment 3 Flare Stack 4 Electrical / Grounding 5 Communications / SCADA 6 Instrumentation / Safety MARED BY Permian Reso	ration ping rs nt  TOTAL TANGIBLES > TOTAL COSTS > purces Operating, LLC:			20,000 	20,000 108,333 43,333 16,667 50,000 36,667 833 2,123,84:
Measurement & Meter Ins § Gas Conditioning / Dehyd Interconnecting Facility Pf Gathering / Bulk Lines I Valves, Dumps, Controller Pank / Facility Containmen Flare Stack Electrical / Grounding Communications / SCADA Instrumentation / Safety  ARED BY Permian Reso  Drilling Engineer:	ration pping rs s nt TOTAL TANGIBLES > TOTAL COSTS > Durces Operating, LLC:			20,000 	20,000 108,333 43,333 16,667 50,000 36,667 833 2,123,843
7 Measurement & Meter Ins 8 Gas Conditioning / Dehyd 9 Interconnecting Facility Pi 0 Gathering / Bulk Lines 1 Valves, Dumps, Controller 1 Tank / Facility Containment 1 Flare Stack 1 Electrical / Grounding 5 Communications / SCADA 5 Instrumentation / Safety  ARED BY Permian Reso  Drilling Engineer: Completions Engineer:	ration ping ss at the state of			20,000 	20,000 - 108,333 43,333 16,667 50,000 36,667
Measurement & Meter Ins Je Gas Conditioning / Dehyd Interconnecting Facility Pf Gathering / Bulk Lines Valves, Dumps, Controller Pank / Facility Containmen Flare Stack Lieletrical / Grounding Communications / SCADA Instrumentation / Safety  ARED BY Permian Reso	ration ping ss at the state of			20,000 	20,000 108,333 43,333 16,667 50,000 36,667 833 2,123,843
Measurement & Meter Ins Je Gas Conditioning / Dehyd Interconnecting Facility PT Gathering / Bulk Lines Valves, Dumps, Controller Tank / Facility Containmen Flare Stack Electrical / Grounding Communications / SCADA Instrumentation / Safety  ARED BY Permian Reso Drilling Engineer: Completions Engineer: Production Engineer:	TOTAL TANGIBLES > TOTAL COSTS >  Durces Operating, LLC:  PS ML DC			20,000 108,333 43,333 16,667 50,000 36,667 833 989,167 1,711,334	20,000 108,333 43,333 16,667 50,000 36,667 833 2,123,44 11,020,306
Measurement & Meter Ins Je Gas Conditioning / Dehyd Interconnecting Facility PT Gathering / Bulk Lines Valves, Dumps, Controller Tank / Facility Containmen Flare Stack Electrical / Grounding Communications / SCADA Instrumentation / Safety  ARED BY Permian Reso Drilling Engineer: Completions Engineer: Production Engineer:	TOTAL TANGIBLES > TOTAL COSTS > DUTCES Operating, LLC: S		4,938,578	20,000 	20,000 108,535 43,333 16,667 50,000 36,667 8333 2,123,84 11,020,300
Measurement & Meter Insi d Gas Conditioning / Dehyd Interconnecting Facility Fi Gathering / Bulk Lines Valves, Dumps, Controller Tank, Facility Containment Flare Stack Electrical / Grounding Communications / SCADA Instrumentation / Safety  ARED BY Permian Reso  Drilling Engineer: Completions Engineer: Production Engineer: In Resources Operating	TOTAL TANGIBLES > TOTAL COSTS >  TOTAL COSTS >  DUTCES OPERATING, LLC:  PS ML DC WH	4,370,396	4,938,578  EO	20,000 108,333 43,333 16,667 50,000 36,667 833 989,167 1,711,334	20,000 108,535 43,333 16,667 50,000 36,667 835 2,123,941 11,020,301
Measurement & Meter Ins § Gase Conditioning / Dehyd Interconnecting Facility PT Gathering / Bulk Lines I Valves, Dumps, Controller Tank / Facility Containmen Elare Stack Electrical / Grounding Communications / SCADA Instrumentation / Safety  ARED BY Permian Reso  Drilling Engineer: Completions Engineer: Production Engineer:	TOTAL TANGIBLES > TOTAL COSTS >  TOTAL COSTS >  DUTCES OPERATING, LLC:  PS ML DC WH	4,370,396	4,938,578  EO	20,000 108,333 43,333 16,667 50,000 36,667 833 989,167 1,711,334	20,000 108,535 43,333 16,667 50,000 36,667 8333 2,123,84 11,020,300
Measurement & Meter Ins 8 Gas Conditioning / Dehyd 1 Interconnecting Facility PT 0 Gathering / Bulk Lines 1 Valves, Dumps, Controller Tank / Facility Containment of the Paragraph of the Paragra	TOTAL TANGIBLES > TOTAL COSTS >  TOTAL COSTS >  DUTCES OPERATING, LLC:  PS ML DC WH	4,370,396	4,938,578  EO	20,000 108,333 43,333 16,667 50,000 36,667 833 989,167 1,711,334	20,000 108,535 43,333 16,667 50,000 36,667 8333 2,123,84 11,020,300
Measurement & Meter Ins  d Gas Conditioning / Dehyd  Interconnecting Facility F1  Gathering / Bulk Lines  Lyalves, Dumps, Controller  Tank / Facility Containment  Elare Stack  Electrical / Grounding  Communications / SCADA  Instrumentation / Safety  ARED BY Permian Reso  Drilling Engineer.  Completions Engineer.  Production Engineer.  The Completion Engineer.  The Completion Completion Completion Engineer.  The Completion Engineer	TOTAL TANGIBLES > TOTAL COSTS >  TOTAL COSTS >  DUTCES OPERATING, LLC:  PS ML DC WH	4,370,396	4,938,578  EO	20,000 108,333 43,333 16,667 50,000 36,667 833 989,167 1,711,334	20,000
Measurement & Meter Insi Gas Conditioning / Dehyd Interconnecting Facility Fi Gathering / Bulk Lines Valves, Dumps, Controller Tank / Facility Containment Flare Stack Electrical / Grounding Communications / SCADA Instrumentation / Safety  ARED BY Permian Reso  Drilling Engineer: Completions Engineer: Production Engineer: an Resources Operating	TOTAL TANGIBLES > TOTAL COSTS >  DUTCES Operating, LLC: : PS : ML : DC LLC APPROVAL:  WH  BG	4,370,396	4,938,578  EO	20,000 108,333 43,333 16,667 50,000 36,667 833 989,167 1,711,334	20,000
Measurement & Meter Ins Gas Conditioning / Dehyd Interconnecting Facility PT Gathering / Bulk Lines Valves, Dumps, Controller Tank / Facility Containmen Flare Stack Electrical / Grounding Communications / SCADA Instrumentation / Safety  ARED BY Permian Reso  Drilling Engineer: Completions Engineer: Production Engineer: an Resources Operating  Co-CEO  VP - Land & Legal	TOTAL TANGIBLES > TOTAL TANGIBLES > TOTAL COSTS > DURCES Operating, LLC: PS HL DC WH BG R APPROVAL:	4,370,396	4,938,578  EO	20,000 20,000 108,333 43,333 16,667 50,000 36,667 833 989,167 1,711,334	20,000
Measurement & Meter Ins Gas Conditioning / Dehyd Interconnecting Facility Pf Gathering / Bulk Lines Valves, Dumps, Controller Tank / Facility Containmen Flare Stack Electrical / Grounding Communications / SCADA Instrumentation / Safety  ARED BY Permian Reso  Drilling Engineer: Completions Engineer: Production Engineer: an Resources Operating  VP-Land & Legal  OPERATING PARTNE	TOTAL TANGIBLES > TOTAL TANGIBLES > TOTAL COSTS >  DURCES Operating, LLC: PS HIL DC WH HIBG R APPROVAL:	4,370,396	4,938,578  EO	20,000 20,000 108,333 43,333 16,667 50,000 36,667 833 989,167 1,711,334	20,000

WELL NAME	DATE: 2.	17.2023			AFE NO.:	1
COATION:   Settle	_		H			
COUNTY STATE   COUNTY NEW Pleases   Description   Total			11		_	
Comman WE   DRILLING DATE   196					_	
Transport   Tran		ea County, New Mexico				
Definition   Def	_				_	
MARKISS   Install col					_	
DRILING			ell and complete with	n 44 stages. AFE includes	drilling, completions, fl	owback and Initial Al
NYANGERICONS			DRILLING	COMPLETION	PRODUCTION	TOTAL
Location, Surveys & Damages		STS	COSTS		COSTS	COSTS
1.   1.   1.   1.   1.   1.   1.   1.		\$_		T7.060		
Reard   Septiment   117,227   203,287   205,087   2.55		-				111,25
April		-				425,60
Directional Dailling Surveys		-				250,28
1 Mulling	Rental - Living Quarters	-		51,411	-	96,78
2 Detail Bils				-		405,34
State   Provest		_				
4 Cementing & Float Equip  5 Completion (Link) washed. (U		-		684.220		
S. Completion Units, Swide, CTU		-				229,59
118,581   3		-	-	-	15,000	15,00
S. Completion Unit, Swab, CTU		ie –	-			370,99
Mad Creatation System			-			116,33
Mud Logging			-			
2 Logging / Formation kvaluation		_				
Shud & Chemicals		on –				
Water	22 Logging/ Formation Evaluation 23 Mud & Chemicals	-			10,000	764,95
5 Stimulation	24 Water	-				965,36
Shudy Maskewater Disposal   182,227   57,706	25 Stimulation	-		768,180	-	768,18
Ng Supervision/ Engineering		<del>-</del>			150,000	264,75
2 Delg & Completion Overhead	8 Mud/Wastewater Disposal	_				239,93
144.79				125,904	21,667	
## Aropapat		_			700 227	
Sastanace		_	144,/19			
7. Contingney   .   .   .   .   .   .   .   .   .		-	13.834	1,104,322		
### TOTAL INTANGIBLES	97 Contingency	-		23,045	3,833	26,87
DRILLING	9 Plugging & Abandonment	-	-	-	-	-
TANGIBLE COSTS	T	OTAL INTANGIBLES >	3,318,344	5,064,685	772,167	9,155,1
Surface Casing   Surf			DRILLING	COMPLETION	PRODUCTION	TOTAL
Intermediate Casing		ΓS		COSTS	COSTS	
2 Drilling Liner		\$_			-	\$ 115,34
3 Production Casing		_	324,891	-		324,89
4 Production Liner		_	£10 7311			
1400.00		-	040,340			048,34
Mellhead		-			140,000	140,00
8 Tanks	66 Wellhead	-	61,169	-		101,16
Production Vessels   .   .   .   .   .   .   .   .   .	67 Packers, Liner Hangers	-	13,902	-	20,000	33,90
10 How Lines	58 Tanks	-	-	-		45,83
1. Rod string			-			126,66
2. Artificial Lift Equipment		_			66,667	
3 Compressor		_			- 00.000	00.00
A Installation Costs		_				
Surface Pumps		-			0,000	
7. Measurement & Meter Installation	75 Surface Pumps	-			61,667	61,66
Seas Conditioning   Dehydration	6 Downhole Pumps	-	-	-		-
9 Interconnecting Facility Piping		ation	-		116,667	116,66
O Gathering / Bulk Lines			-			-
1 Valves, Dumps, Controllers   .   .   .   .   .   .   .   .   .		g	-	-	20,000	20,00
2 Tank / Facility Containment		_		-	-	
3 Flare Stack		_	-	-		
A Electrical / Grounding   Scommunications / SCADA   Scandard		_				16,66
Stommunications   SCADA	34 Electrical / Grounding	-	-			50,00
State	35 Communications / SCADA	-	-	-		36,66
TOTAL COSTS > 4,481,994 5,064,685 1,761,334 11,308,694  PARED BY Permian Resources Operating, LLC:  Drilling Engineer: PS Completions Engineer: ML Production Engineer: DC  tian Resources Operating, LLC APPROVAL:  Co-CEO	36 Instrumentation / Safety	-	-	-	833	83
PARED BY Permian Resources Operating, LLC:  Drilling Engineer: PS Completions Engineer: ML Production Engineer: DC  Drilling Engineer: ML Production Engineer: ML Production Engineer: DC  Drilling Engineer: ML Production Engineer: ML Production Engineer: DC  Drilling Engineer: ML Production Engineer: ML Production Engineer: ML Drilling Engineer: ML Production Engineer: ML Drilling Engineer: ML		TOTAL TANGIBLES >	1,163,650	0	989,167	2,152,8
Drilling Engineer: PS Completions Engineer: ML Production Engineer: DC  Lian Resources Operating, LLC APPROVAL:  CO-CEO CO-CEO VP - Operations WH VP - Land & Legal BG VP - Geosciences BG SO  LOPERATING PARTNER APPROVAL:  Company Name: Working Interest (%): Tax ID:		TOTAL COSTS >	4,481,994	5,064,685	1,761,334	11,308,0
Drilling Engineer: PS Completions Engineer: ML Production Engineer: DC  Lian Resources Operating, LLC APPROVAL:  CO-CEO CO-CEO VP - Operations WH VP - Land & Legal BG VP - Geosciences BG SO  LOPERATING PARTNER APPROVAL:  Company Name: Working Interest (%): Tax ID:						
Completions Engineer: ML Production Engineer: DC  tian Resources Operating, LLC APPROVAL:  Co-CEO						
Production Engineer: DC  tian Resources Operating, LLC APPROVAL:  Co-CEO						
Co-CEO VP - Operations  VP - Land & Legal BG VP - Geosciences  VOP - G		ML				
Co-CEO	Production Engineer:	DC				
Co-CEO	nian Resources Operating 1	LC APPROVAL:				
WH				TO.	·	
VP - Land & Legal VP - Geosciences SO  I OPERATING PARTNER APPROVAL:  Company Name: Working Interest (%): Tax ID:	Co-CEO_	TATEL	Co-C		VP - Opera	
I OPERATING PARTNER APPROVAL:  Company Name: Working Interest (%): Tax ID:	VD 7 107		VID C :	,		CRM
OPERATING PARTNER APPROVAL:  Company Name: Working Interest (%): Tax ID:	vr - Land & Legal	DC .	v P - Geoscien	ices		
Company Name:         Working Interest (%):		DG		SU		
Company Name:         Working Interest (%):						
	OPERATING PARTNER A	APPROVAL:				
Signed by: Date:	Company Name:			Working Interest (%):	Ta	nx ID:
Signed by: Date:	_			_		
	Signed by:			Date:		

DATE:	2.17.2023			AFE NO.:	1
VELL NAME:	Joker 5-8 Federal Com	1911		FIELD:	Teas; Bone Spring
OCATION:	Section 5, T20S-R34E	13111		MD/TVD:	21,116' / 10,831'
OUNTY/STATE:				LATERAL LENGTH:	10,000'
ermian WI:	Lea County, New Mexi	CO		DRILLING DAYS:	19.6
EOLOGIC TARGET:	TBSG			COMPLETION DAYS:	18.6
EULUGIC TARGET:			AA da aa AEE ta da da	_	
EMARKS:	install cost	weii and complete with	n 44 stages. AFE includes	drilling, completions, in	owback and mittal Al
INTANGIBL	E COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
Land/Legal/Regulatory		\$ 57,069	-	37,500	\$ 94,569
Location, Surveys & Dam	iages	2/8,338	17,456 42,298	2,500 25,000	298,294 113,315
Freight / Transportation Rental - Surface Equipme	ent	120,122	208,133	105,000	433,255
Rental - Downhole Equip		198,477	57,783	-	256,260
Rental - Living Quarters		46,457	52,637		99,094
Directional Drilling, Sur Drilling	rveys	415,018 728,329			415,018 728,329
Drill Bits		96,788			96,78
Fuel & Power		182,546	700,542		883,088
Cementing & Float Equi		235,069	-	-	235,069
Completion Unit, Swab, Perforating, Wireline, Sl			3/9,842	15,000	15,000 379,842
High Pressure Pump Tri			119,106	-	119,100
Completion Unit, Swab,	CTU		141,530		141,530
Mud Circulation System	1	101,651	-	-	101,651
Mud Logging Logging/Formation Eva	iluation	16,936 7,024	8,057		16,930 15,08
Mud & Chemicals		349,599	423,367	10,000	782,96
l Water		41,989	639,251	300,000	981,240
5 Stimulation		-	786,506	-	786,50
6 Stimulation Flowback & 8 Mud/Wastewater Disp		186,574	117,494 59,083	150,000	267,494 245,653
Rig Supervision / Engin		117,098	128,908	21,667	267,673
2 Drlg & Completion Ove		10,071	-		10,07
5 Labor		148,172	67,140	101,667	316,97
4 Proppant 5 Insurance		14,164	1,212,780	-	1,212,780
7 Contingency		14,104	23,595	3,833	27,42
Plugging & Abandonme	ent		-	-	
	TOTAL INTANGIBLES	> 3,397,506	5,185,507	772,167	9,355,18
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE	COSTS	COSTS	COSTS	COSTS	COSTS
Surface Casing		\$ 118,101	-	-	\$ 118,10
I Intermediate Casing		332,642	-	-	332,642
2 Drilling Liner 3 Production Casing		663,806			663,800
4 Production Liner		- 003,000			
5 Tubing			-	140,000	140,000
6 Wellhead		62,628	-	40,000	102,62
7 Packers, Liner Hangers 8 Tanks		14,234	-	20,000	34,234 45.833
9 Production Vessels				45,833 126,667	126,667
0 Flow Lines				66,667	66,66
1 Rod string		-	-	-	-
2 Artificial Lift Equipmen	t	-	-	90,000	90,000
3 Compressor 4 Installation Costs				5,833	5,833
5 Surface Pumps				61,667	61,66
6 Downhole Pumps			-		-
7 Measurement & Meter I		-	-	116,667	116,663
8 Gas Conditioning/Deh 9 Interconnecting Facility				20,000	20,000
Gathering / Bulk Lines	1 iping			20,000	20,000
l Valves, Dumps, Control	lers		-	108,333	108,33
2 Tank / Facility Contains	nent	-	-	43,333	43,333
3 Flare Stack				16,667	16,662
4 Electrical / Grounding 5 Communications / SCAI	DA			36,667	36,66
6 Instrumentation / Safety				833	833
	TOTAL TANGIBLES	> 1,191,410	0	989,167	2,180,57
	TOTAL COSTS	> 4,588,916	5,185,507	1,761,334	11,535,75
ARED BY Permian Re	sources Operating, LLC:				
Drilling Engine Completions Engine					
Production Engine					
1 Todacdon Engine	d. DC				
an Resources Operati	ng, LLC APPROVAL:				
Co-Cl		Co-C	EO	VP - Oper	
	WH		JW		CRM
VP - Land & Le		VP - Geoscier			
	BG		SO		
OPERATING PARTN	IER APPROVAL:				
Company Nan	ne:		Working Interest (%):	T	ax ID:
Cior-31	hvr.		Data		
Signed 1	-y.		Date:		
				¬	

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Permian Resources Operating, LLC 300 N. Marienfeld St., Ste. 1000 Midland, TX 79701 Phone (432) 695-4222 • Fax (432) 695-4063

DATE:	2.17.2023			AFE NO.:	1
WELL NAME:	Joker 5-8 Federal Com 11	2H		FIELD:	Teas; Bone Spring
LOCATION:	Section 5, T20S-R34E			MD/TVD:	19,881' / 9,596'
COUNTY/STATE:	Lea County, New Mexico	)		LATERAL LENGTH:	10,000'
Permian WI:				DRILLING DAYS:	19.6
GEOLOGIC TARGET:	FBSG			COMPLETION DAYS:	18.6
	Drill a horizontal FBSG v	vell and complete with	1 44 stages. AFE includes	_	
REMARKS:	install cost				
		DRILLING	COMPLETION	PRODUCTION	TOTAL
INTANGIBLI	COSTS	COSTS	COSTS	COSTS	COSTS
Land / Legal / Regulatory Location, Surveys & Dam	3000	52,768 257,363	16,141	37,500 2,500	\$ 90,260 276,000
4 Freight / Transportation	ages	42,549	39,110	25,000	106,66
5 Rental - Surface Equipme		111,070	192,448	105,000	408,51
Rental - Downhole Equip	ment	183,520	53,429	-	236,94
7 Rental - Living Quarters 10 Directional Drilling, Sur	vevs	42,956 383,743	48,671		91,62 383,74
11 Drilling	.,.	6/3,443	-	-	673,44
12 Drill Bits		89,495	-	-	89,49
13 Fuel & Power 14 Cementing & Float Equi	n	168,789 217,354	647,751		816,54 217,35
15 Completion Unit, Swab,		-	-	15,000	15,00
16 Perforating, Wireline, Sl		-	351,218	-	351,21
17 High Pressure Pump Tru		-	110,130	-	110,130
18 Completion Unit, Swab, 20 Mud Circulation System		93,991	130,865		130,865
21 Mud Logging		15,660			15,660
22 Logging / Formation Eva	luation	6,495	7,450	-	13,94
23 Mud & Chemicals		323,254 38.825	391,463	10,000 225,000	724,717 854,903
24 Water 25 Stimulation		38,825	591,078 727,236	225,000	854,90° 727,23°
26 Stimulation Flowback &	Disp		108,640	150,000	258,640
28 Mud / Wastewater Dispo	sal	172,514	54,630		227,144
30 Rig Supervision / Engine 32 Drlg & Completion Ove		108,273 9,312	119,194	21,667	249,134
32 Drig & Completion Ove. 35 Labor	meau	137,006	62,080	101,667	300,753
54 Proppant		-	1,121,387	-	1,121,382
95 Insurance		13,096	-	-	13,096
97 Contingency 99 Plugging & Abandonme	nt	-	21,817	3,833	25,650
7) Hugging & Abandonnie	TOTAL INTANGIBLES >	3,141,476	4,794,736	697.167	8,633,37
	TOTAL INTERCEDED.	DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE	COSTS	COSTS	COMPLETION	COSTS	COSTS
50 Surface Casing	5	109,201	-	-	\$ 109,20
61 Intermediate Casing		307,574	-	-	307,574
62 Drilling Liner 63 Production Casing		613,783			613,783
64 Production Liner		613,763			013,76.
65 Tubing		-	-	140,000	140,000
66 Wellhead		57,908	-	40,000	97,908
67 Packers, Liner Hangers 68 Tanks		13,161	-	20,000 45,833	33,16: 45,83:
69 Production Vessels				126,667	126,667
70 Flow Lines		-	-	66,667	66,667
71 Rod string		-	-		
72 Artificial Lift Equipmen 73 Compressor		-	-	90,000	90,000
74 Installation Costs				-	-
75 Surface Pumps		-		61,667	61,667
76 Downhole Pumps 77 Measurement & Meter In		-	-	116,667	116,667
77 Measurement & Meter II 78 Gas Conditioning/Deh		-		116,667	116,66.
79 Interconnecting Facility				20,000	20,000
80 Gathering / Bulk Lines		-	-	-	-
81 Valves, Dumps, Control		-	-	108,333	108,333
82 Tank / Facility Containn 83 Flare Stack	ient	-	-	43,333 16,667	43,333
84 Electrical / Grounding		-	-	50,000	50,000
85 Communications / SCAI	OA .	-	-	36,667	36,667
86 Instrumentation / Safety	mom			853	853
	TOTAL TANGIBLES >  TOTAL COSTS >	1,101,627 4,243,103	4,794,736	989,187 1,686,354	2,090,81 10,724,19
	TOTAL COSTS >	4,243,103	4,/74,/30	1,000,334	10,724,19
	_				
	sources Operating, LLC:				
Drilling Engine	er: PS				
Drilling Engine Completions Engine	er: PS er: ML				
Drilling Engine Completions Engine Production Engine	er: PS ML DC				
Drilling Engine Completions Engine Production Engine	er: PS er: ML er: DC				
Drilling Engine Completions Engine Production Engine	er: PS er: ML er: DC  ag, LLC APPROVAL:	Co-C	TEO NW	VP - Opera	
Drilling Engine Completions Engine Production Engine	er: PS er: ML er: DC ag, LLC APPROVAL:	Co-C VP - Geoscier	JW	VP - Opera	etionsCRM
Drilling Engine Completions Engine Production Engine anian Resources Operation	er: PS er: ML er: DC ag, LLC APPROVAL:		JW	VP - Opera	
Drilling Engine Completions Engine Production Engine nian Resources Operation Co-Cl VP - Land & Leg	er: PS er: ML er: DC  ng, LLC APPROVAL:  O WH  al BG		JW	VP - Oper.	
Drilling Engine Completions Engine Production Engine nian Resources Operation Co-Ci VP - Land & Leg	er: PS er: ML er: DC  ag, LLC APPROVAL:  O WH  gal BG  ER APPROVAL:		JW so		CRM
Drilling Engine Completions Engine Production Engine nian Resources Operation Co-Cl VP - Land & Leg	er: PS er: ML er: DC  ag, LLC APPROVAL:  O WH  gal BG  ER APPROVAL:		JW		
Drilling Engine Completions Engine Production Engine nian Resources Operation Co-Ci VP - Land & Leg	er: PS er: ML er: DC  ag, LLC APPROVAL:  O WH  aal  BG  ER APPROVAL:  ne:		JW so		CRM

DATE: WELL NAME: LOCATION: COUNTY/STATE: Permian WI: GEOLOGIC TARGET:  REMARKS:  INTANGIBL T Land / Legal / Regulatory 2 Location, Surveys & Dan 4 Freight / Transportation 5 Rental - Surface Equipm 6 Rental - Downhole Equif 7 Rental - Living Quarters 10 Directional Drilling, Su 11 Drilling 12 Drill Bits 13 Fuel & Power 14 Cementing & Float Equi 15 Completion Unit, Swab, 16 Perforating, Wireline, Si 17 High Pressure Pump Tr 18 Completion Unit, Swab, 20 Mud Circulation Systen 21 Mud Logging	install cost  E COSTS  ages tent ment  reveys	ico	COMPLETION COSTS	AFE NO: FIELD: MD/TVD: LATERAL LENGTH: DRILLING DAYS: COMPLETION DAYS: drilling, completions, flor PRODUCTION COSTS 37,500 2,500 25,000 105,000	1 Teas; Bone Spring 20,581' / 10,296' 10,000' 19.6 18.6 wback and Initial AL  TOTAL COSTS \$ 91,851 284,208
LOCATION: COUNT/STATE: Permian WI: GEOLOGIC TARGET: REMARKS:  INTANGIBL 1 Land/ Legal / Regulatory 2 Location, Surveys & Dan 4 Preight/ Transportation 5 Rental - Surface Equipm 6 Rental - Downhole Equif 7 Rental - Living Quarters 10 Directional Drilling, Sur 11 Drilling 12 Drill Bits 13 Fuel & Power 14 Cementing & Float Equi 15 Completion Unit, Swab, 16 Perforating, Wireline, Si 17 High Pressure Pump Tr 18 Completion Unit, Swab, 20 Mud Circulation System 21 Mud Logging	Section 5, T20S-R34E Lea County, New Mexi SBSG Drill a horizontal SBSG install cost  E COSTS ages ent mment rveys	DRILLING COSTS  5 34,351 265,183 43,826 114,402 189,026 44,244 395,255	COMPLETION COSTS	MD/TVD: LATERAL LENGTH: DRILLING DAYS: COMPLETION DAYS: drilling, completions, flor PRODUCTION COSTS  3/500 2,500 2,5000	20,581' / 10,296' 10,000' 19.6 18.6 wback and Initial AL COSTS \$ 91,851
COUNTY/STATE: Permian WI: GEOLOGIC TARGET: REMARKS:  INTANGIBL I Land/Legal/Regulatory 2 Location, Surveys & Dan 4 Freight/ Transportation 5 Rental - Downhole Equip 7 Rental - Living Quarters 10 Directional Drilling, Sur 11 Drilling 12 Drill Bits 13 Fuel & Power 14 Cementing & Float Equi 15 Completion Unit, Swab, 16 Perforating, Wireline, Si 17 High Preorating, Wireline, Si 12 High Care Pump Tr 18 Completion Unit, Swab, 20 Mud Circulation System 21 Mud Logging	Lea County, New Mex  SBSG Drill a horizontal SBSG install cost  E COSTS aages ent ment veeys	DRILLING COSTS  5 54,351 265,083 43,826 114,402 1189,026 44,244 395,255	COMPLETION COSTS	LATERAL LENGTH: DRILLING DAYS: COMPLETION DAYS: drilling, completions, flor PRODUCTION COSTS 37,500 2,5000 25,000	10,000' 19.6 18.6 wback and Initial AL  TOTAL COSTS \$ 91,851
Permian WI: GEOLOGIC TARGET: REMARKS:  INTANGIBL LILAND/Legal/Regulatory LLocation, Surveys & Dan Freight/ Transportation Rental - Downhole Equip Rental - Living Quarters O Directional Drilling, Sur LD Colling LO Directional Drilling, Sur LO Directional Drilling Sur LO Directional Drilling Sur LO Directional Unit, Swab, Formation Unit, Swab, Formation Unit, Swab, Completion Unit, Swab, C	SBSG Drill a horizontal SBSG install cost  E COSTS  aages ent ment vveys	DRILLING COSTS  5 54,351 265,083 43,826 114,402 1189,026 44,244 395,255	COMPLETION COSTS	PRODUCTION COSTS  37,500 25,000 25,000	19.6 18.6 wback and Initial AL  TOTAL COSTS  91,851
INTANGIBL  ILand / Legal / Regulatory Llocation, Surveys & Dam Freight / Transportation Rental - Surface Equipm Rental - Downhole Equip Rental - Diving Quarters Directional Drilling, Sur 1 Drilling 2 Drill Bits 3 Fuel & Power 4 Cementing & Float Equi 5 Completion Unit, Swab, 6 Perforating, Wireline, Sl 7 High Pressure Fump Tr 18 Completion Unit, Swab, 6 Completion Unit, Swab, 10 Completion Unit, Swab, 10 Mud Circulation System 11 Mud Logging	Drill a horizontal SBSC install cost  E COSTS  ages  ent  ment  vveys	DRILLING COSTS  5 54,351 265,085 43,826 114,402 189,026 44,244 395,255	COMPLETION COSTS	COMPLETION DAYS:  drilling, completions, flor  PRODUCTION COSTS  37,500 2,500 25,000	18.6 wback and Initial AL  TOTAL COSTS \$ 91,851
INTANGIBL Land / Legal / Regulatory Location, Surveys & Dan Freight / Transportation Rental - Surface Equipm Rental - Living Quarters O Directional Drilling, Sur 1 Drilling 2 Drill Bits 3 Fuel & Power 4 Cementing & Float Equi 5 Completion Unit, Swab, 6 Perforating, Wireline, Sl 7 High Pressure Pump Tr 8 Completion Unit, Swab, O Mud Circulation System 1 Mud Circulation System 1 Mud Circulation System 1 Mud Logging	Drill a horizontal SBSC install cost  E COSTS  ages  ent  ment  vveys	DRILLING COSTS  5 54,351 265,085 43,826 114,402 189,026 44,244 395,255	COMPLETION COSTS	PRODUCTION COSTS  37,500 2,500 25,000	TOTAL COSTS \$ 91,851
INTANGIBL Landy Legal / Regulatory Llocation, Surveys & Dan Freight / Transportation Rental - Sourface Equipme Rental - Lownhole Equip Rental - Living Quarters ID Directional Drilling, Sui Li Drilling Li Drill Bits Ja Fuel & Power L4 Cementing & Float Equi J5 Completion Unit, Swab, L6 Perforating, Wireline, Si T High Pressure Pump Tr L8 Completion Unit, Swab, 20 Mud Circulation System L8 Completion Unit, Swab, 20 Mud Circulation System L Mud Logging	install cost  E COSTS  ages tent ment  reveys	DRILLING COSTS  5 54,351 265,085 43,826 114,402 189,026 44,244 395,255	COMPLETION COSTS 16,625 40,284 198,221 55,031	PRODUCTION COSTS 37,500 2,500 25,000	TOTAL COSTS
I Land/ Legal/ Kegulatory 2 Location, Surveys & Dam 4 Freight/ Transportation 5 Kental - Sourface Equipme 6 Kental - Downhole Equip 7 Kental - Living Quarters 10 Directional Drilling, Sun 11 Drilling 12 Drill Bits 13 Fuel & Power 14 Cementing & Float Equi 15 Completion Unit, Swab, 16 Perforating, Wireline, Si 17 High Pressure Pump Ir 18 Completion Unit, Swab, 20 Mud Circulation System 20 Mud Circulation System 21 Mud Logging	ages ent ment veeys	COSTS  5	16,625 40,284 198,221 55,031	37,500 2,500 25,000	COSTS 91,851
2 Location, Surveys & Dan't Freight/Transportation 5 Rental - Surface Equipm 6 Rental - Downhole Equip 7 Rental - Living Quarters 10 Directional Drilling, Sur 11 Drilling 12 Drill Bits 13 Fuel & Power 14 Cementing & Float Equi 15 Completion Unit, Swab, 16 Perforating, Wireline, 17 High Pressure Pump Tri 18 Completion Unit, Swab, 20 Aud Circulation System 21 Mud Circulation System 21 Mud Logging	ages ent ment eveys	265,083 43,826 114,402 189,026 44,244 395,255	40,284 198,221 55,031	2,500 25,000	
4 Freight/ Transportation 5 Rental - Surface Equipmo 6 Rental - Downhole Equip 7 Rental - Living Quarters 10 Directional Drilling, Sun 11 Drilling 12 Drill Bits 13 Fuel & Power 14 Cementing & Float Equi 15 Completion Unit, Swab, 16 Perforating, Wireline, Sl 17 High Pressure Pump Tr 18 Completion Unit, Swab, 20 Mud Circulation System 20 Mud Circulation System 21 Mud Logging	ent ment rveys	43,826 114,402 189,026 44,244 395,255	40,284 198,221 55,031	25,000	
Rental - Downhole Equif 'Rental - Living Quarters 'D Directional Drilling, Sui 1 Drilling 2 Drill Bits 3 Fuel & Power 4 Cementing & Float Equi 5 Completion Unit, Swab, 6 Perforating, Wireline, Sl 7 High Pressure Pump Tr 18 Completion Unit, Swab, 20 Wad Circulation System 10 Mud Circulation System 10 Mud Logging	ment veys P	189,026 44,244 395,255	55,031	105,000	109,110
Rental - Living Quarters 0 Directional Drilling, Su 1 Drilling 2 Drill Bits 3 Fuel & Power 4 Cementing & Float Equi 5 Completion Unit, Swab, 6 Perforating, Wireline, Si 7 High Pressure Pump Tr 8 Completion Unit, Swab, 0 Mud Circulation Systen 1 Mud Logging	rveys	44,244 395,255		100,000	417,624
10 Directional Drilling, Sui 1 Drilling 2 Drill Bits 3 Fuel & Power 44 Cementing & Float Equi 15 Completion Unit, Swab, 6 Perforating, Wireline, Sl 77 High Pressure Pump Tr 18 Completion Unit, Swab, 90 Mud Circulation System 10 Mud Logging	p	395,255	50,131	-	244,057 94,375
12 Drill Bits 13 Fuel & Power 14 Cementing & Float Equi 15 Completion Unit, Swab, 16 Perforating, Wireline, Sl 17 High Pressure Pump Tr 18 10 Mud Circulation Systen 20 Mud Circulation Systen 21 Mud Logging		693,647			395,255
3 Fuel & Power 44 Cementing & Float Equi 55 Completion Unit, Swab, 66 Perforating, Wireline, Sl 77 High Pressure Pump Tr 88 Completion Unit, Swab, 00 Mud Circulation Systen 11 Mud Logging		92,179			693,647 92,179
14 Cementing & Float Equi 15 Completion Unit, Swab, 16 Perforating, Wireline, Sl 17 High Pressure Pump Tr 18 Completion Unit, Swab, 20 Mud Circulation System 21 Mud Logging		173,853	667,183	<del></del>	841,036
16 Perforating, Wireline, SI 17 High Pressure Pump Tri 18 Completion Unit, Swab, 20 Mud Circulation System 11 Mud Logging		223,875	-	-	223,875
17 High Pressure Pump Tri 18 Completion Unit, Swab, 20 Mud Circulation System 21 Mud Logging		-	361,754	15,000	15,000 361,754
8 Completion Unit, Swab, 20 Mud Circulation System 21 Mud Logging			361,/54	<del></del>	361,/34
21 Mud Logging	CTU	-	134,791		134,791
	1	96,811 16,130			96,811
22 Logging / Formation Eva	luation	6,690	7,673	-	16,130 14,363
23 Mud & Chemicals		332,951	403,207	10,000	746,158
24 Water		39,990	608,810	250,000	898,800
25 Stimulation 26 Stimulation Flowback &	Dien		749,053 111,899	150,000	749,053 261,899
28 Mud/Wastewater Disp	osal	177,689	56,269	-	233,959
30 Rig Supervision / Engin		111,522	122,769	21,667	255,958
32 Drlg & Completion Ove 35 Labor	rhead	9,591 141,116	63,942	101,667	9,591
54 Proppant			1,155,029	-	1,155,029
95 Insurance		13,489		-	13,489
97 Contingency 99 Plugging & Abandonme	int		22,472	3,833	26,305
7) I lugging & Abandonin	TOTAL INTANGIBLES	> 3,235,720	4,938,578	722,167	8,896,465
	***************************************	DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE	COSTS	COSTS	COSTS	COSTS	COSTS
60 Surface Casing	C0313	\$ 112,477	-	-	\$ 112,477
61 Intermediate Casing		316,801	-	-	316,801
62 Drilling Liner 63 Production Casing		632,196			632,196
64 Production Casing		032,170		<del></del>	- 002,170
65 Tubing		-		140,000	140,000
66 Wellhead		59,645	-	40,000	99,645
67 Packers, Liner Hangers 68 Tanks		13,556		20,000	33,556
69 Production Vessels				45,833	45,833
70 Flow Lines		-		126,667	126,667
71 Rod string 72 Artificial Lift Equipmen		-	-	66,667 90,000	66,667 90,000
72 Artificial Lift Equipmen 73 Compressor	t		-	5,833	5,833
74 Installation Costs					-
75 Surface Pumps			-	61,667	61,667
76 Downhole Pumps 77 Measurement & Meter I	nstallation			116,667	116,667
78 Gas Conditioning/Deh		-	-		-
79 Interconnecting Facility	Piping	-	-	20,000	20,000
80 Gathering / Bulk Lines 81 Valves, Dumps, Control	lers			108,333	108,333
82 Tank / Facility Contains			-	43,333	43,333
83 Flare Stack		-	-	16,667	16,667
84 Electrical / Grounding 85 Communications / SCAI	OA.			50,000 36,667	50,000 36,667
86 Instrumentation / Safety				833	833
	TOTAL TANGIBLES		0	989,167	2,123,843
	TOTAL COSTS	> 4,370,396	4,938,578	1,711,334	11,020,308
	courses Operating IIC				
DARED BY D D.	sources Operating, LLC:				
PARED BY Permian Re					
PARED BY Permian Re	er: PS				
Drilling Engine	er: ML				
Drilling Engine Completions Engine Production Engine	er: ML er: DC				
Drilling Engine Completions Engine Production Engine nian Resources Operation	er: ML er: DC ng, LLC APPROVAL:				
Drilling Engine Completions Engine Production Engine	er: ML er: DC  ng, LLC APPROVAL:	Co-C		VP - Operat	
Drilling Engine Completions Engine Production Engine ian Resources Operati	er: ML er: DC  ng, LLC APPROVAL:  GO  WH		JW	VP - Operat	crem CRM
Drilling Engine Completions Engine Production Engine	er: ML er: DC  ng, LLC APPROVAL:  GO  WH	Co-C VP - Geoscien	JW	VP - Operat	
Drilling Engine Completions Engine Production Engine anian Resources Operati	er: ML er: DC  ng, LLC APPROVAL:  GO  WH		JW	VP - Operat	
Drilling Engine Completions Engine Production Engine nian Resources Operati Co-Cl VP - Land & Le	er: ML er: DC  ng, LLC APPROVAL:  EO  WH  gal  BG		JW	VP - Operat	
Drilling Engine Completions Engine Production Engine nian Resources Operati Co-Cl VP - Land & Le	er: ML er: DC  ng, LLC APPROVAL:  EO  WH  gal  BG		JW	VP - Operat	
Drilling Engine Completions Engine Production Engine nian Resources Operati Co-Cl VP - Land & Le	er: ML er: DC  ng, LLC APPROVAL:  GO WH gal BG  BG  HER APPROVAL:		JW		
Drilling Engine Completions Engine Production Engine nian Resources Operati Co-Cl VP - Land & Le	er: ML er: DC  ng, LLC APPROVAL:  30		JW SO		CRM

No (mark one)

		F COSTS AND AUTHO	ORIZATION FOR EXPENDI		
DATE:	2.17.2023			AFE NO.:	1
WELL NAME:	Joker 5-8 Federal Com 12	1H		FIELD:	Teas; Bone Spring
LOCATION:	Section 5, T20S-R34E			MD/TVD:	20,256' / 9,971'
COUNTY/STATE:	Lea County, New Mexico			LATERAL LENGTH:	10,000'
Permian WI:				DRILLING DAYS:	19.6
GEOLOGIC TARGET:	SBSG			COMPLETION DAYS:	18.6
REMARKS:	Drill a horizontal SBSG w install cost	ell and complete with	144 stages. AFE includes	drilling, completions, flo	wback and Initial AL
		DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
INTANGIBLI Land/Legal/Regulatory	E COSTS		COS15		\$ 91,851
Location, Surveys & Dam	ages	54,351 265,083	16,625	2,500	284,208
Freight / Transportation	-	43,826	40,284	25,000	109,110
Rental - Surface Equipme		114,402	198,221	105,000	417,624
Rental - Downhole Equip Rental - Living Quarters	ment	189,026 44,244	55,031 50,131		244,057 94,375
0 Directional Drilling, Sur	veys	395,255	- 50,151		395,255
1 Drilling	· -	693,647	-	-	693,647
2 Drill Bits		92,179	-	-	92,179
3 Fuel & Power 4 Cementing & Float Equi	, -	173,853 223,875	667,183		841,036 223,875
5 Completion Unit, Swab,		-		15,000	15,000
6 Perforating, Wireline, Sl		-	361,754		361,754
7 High Pressure Pump Tru		-	113,434	-	113,434
8 Completion Unit, Swab,		06.011	134,791		134,791
0 Mud Circulation System 1 Mud Logging	•	96,811 16,130			96,811 16,130
2 Logging / Formation Eva	luation	6,690	7,673		14,363
3 Mud & Chemicals	-	332,951	403,207	10,000	746,158
4 Water 5 Stimulation	-	39,990	608,810 749,053	250,000	898,800 749,053
5 Stimulation 6 Stimulation Flowback &	Disp		749,053	150,000	749,053
8 Mud/Wastewater Dispo		177,689	56,269	-	233,959
0 Rig Supervision / Engine	eering -	111,522	122,769	21,667	255,958
2 Drlg & Completion Ove	rhead	9,591	-	-	9,591
5 Labor 4 Proppant	-	141,116	63,942 1,155,029	101,667	306,725 1,155,029
5 Insurance	-	13,489	1,100,027		13,489
7 Contingency	-	-	22,472	3,833	26,305
9 Plugging & Abandonme		-	-	-	-
	TOTAL INTANGIBLES >	3,235,720	4,938,578	722,167	8,896,465
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE	COSTS	COSTS	COSTS	COSTS	COSTS
0 Surface Casing	\$_	112,477		-	\$ 112,477
1 Intermediate Casing		316,801	-	-	316,801
2 Drilling Liner 3 Production Casing	-	632,196			632,196
4 Production Liner	-	- 032,130			032,170
5 Tubing	-	-	-	140,000	140,000
6 Wellhead		59,645	-	40,000	99,645
7 Packers, Liner Hangers 8 Tanks	-	13,556		20,000	33,556
9 Production Vessels	-			45,833	45,833
70 Flow Lines	-	-		126,667	126,667
1 Rod string	-	-	-	66,667	66,667
2 Artificial Lift Equipmen	t	-	-	90,000	90,000
3 Compressor 4 Installation Costs	-			5,833	5,833
5 Surface Pumps	-			61,667	61,667
6 Downhole Pumps	-	-	-		
7 Measurement & Meter I		-	-	116,667	116,667
8 Gas Conditioning / Deh				20,000	20,000
9 Interconnecting Facility 0 Gathering / Bulk Lines	riping -	<del></del> -		20,000	20,000
1 Valves, Dumps, Control	lers	_		108,333	108,333
2 Tank / Facility Containm	nent	-	-	43,333	43,333
3 Flare Stack		-	-	16,667	16,667
4 Electrical / Grounding 5 Communications / SCAI	24			36,667	36,667
6 Instrumentation / Safety				833	833
	TOTAL TANGIBLES >	1,134,676	0	989,167	2,123,843
	TOTAL COSTS >	4,370,396	4,938,578	1,711,334	11,020,308
'ARED BY Permian Re	sources Operating, LLC:				
Drilling Engine	er: PS				
Completions Engine	er: ML				
Production Engine	er: DC				
i P	- II C ADDD OVAL				
ian Resources Operatii					
Co-CF	EO WH	Co-C	EO IW	VP - Opera	tions
**** * * * * * * * * * * * * * * * * * *			,		CRM
VP - Land & Leg	gal	VP - Geoscien			
	BG		SO		
OPERATING PARTN	ER APPROVAL:				
Company Nan			Working Interest (%):	т.	x ID:
Company Nan	ne:		, , orking interest (10).	1a	
Signed b	py:		Date:		
			, -	1	<del></del>
Tit	Te:		Approval:	Yes	No (mark one)

DATE:	2.17.2023			AFE NO.:	1
VELL NAME:	Joker 5-8 Federal Com 1	17211		FIELD:	Teas; Bone Spring
OCATION:	Section 5, T20S-R34E	1/211		MD/TVD:	20,731' / 10,446'
OUNTY/STATE:				LATERAL LENGTH:	10,000'
ermian WI:	Lea County, New Mexi	co		DRILLING DAYS:	19.6
EOLOGIC TARGET:	TBSG			_	18.6
EULUGIC TARGET:			n 44 stages. AFE includes	COMPLETION DAYS:	
EMARKS:	install cost	weir and complete with	1 44 stages. Are includes	drining, completions, in	OWDACK AND INITIAL AL
INTANGIBL	E COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
Land / Legal / Regulatory		\$ 55,739	-	37,500	\$ 93,239
Location, Surveys & Dam	ages	271,852	17,050	2,500	291,402
Freight / Transportation Rental - Surface Equipme	unt	44,945 117,323	41,312 203,283	25,000	111,257 425,606
Rental - Downhole Equip		193,853	56,437	-	250,289
Rental - Living Quarters		45,374	51,411	-	96,785
Directional Drilling, Sur Drilling	veys	405,348 711,359	-	-	405,348 711,359
Drill Bits		94,533			94,533
Fuel & Power		178,292	684,220		862,512
Cementing & Float Equi		229,592	-	-	229,592
Completion Unit, Swab, Perforating, Wireline, Sl			3/0,992	15,000	15,000 370,992
High Pressure Pump Tri		<del></del>	116,330		116,330
Completion Unit, Swab,		-	138,232		138,232
Mud Circulation System		99,283	-	-	99,283
Mud Logging Logging/Formation Eva	Juation	16,542 6,860	7,869		16,542 14,729
Mud & Chemicals	annaUII	341,453	413,503	10,000	764,956
Water		41,011	624,356	300,000	965,367
5 Stimulation		-	768,180	-	768,180
5 Stimulation Flowback & 3 Mud/Wastewater Disp		182,227	114,757 57,706	150,000	264,757 239,933
Rig Supervision/Engin		114,369	125,904	21,667	259,953
2 Drlg & Completion Ove		9,836	-	-	9,836
5 Labor		144,/19	65,575	101,667	311,961
Proppant			1,184,522	-	1,184,522
5 Insurance 7 Contingency		13,834	23,045	3,833	13,834 26,878
Plugging & Abandonme	ent		-	-	- 20,070
	TOTAL INTANGIBLES	> 3,318,344	5,064,685	772,167	9,155,19
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE	COSTS	COSTS	COSTS	COSTS	COSTS
Surface Casing		\$ 115,349	-	-	\$ 115,349
I Intermediate Casing		324,891	-	-	324,891
2 Drilling Liner			-	-	-
Production Casing Production Liner		648,340			648,340
5 Tubing		-		140,000	140,000
Wellhead		61,169	-	40,000	101,169
7 Packers, Liner Hangers 3 Tanks		13,902	-	20,000	33,902 45.833
Production Vessels				45,833 126,667	126,667
Flow Lines		-		66,667	66,667
I Rod string		-	-	-	-
2 Artificial Lift Equipmen 3 Compressor	t			90,000	90,000
Installation Costs				3,833	5,653
Surface Pumps		-		61,667	61,667
Downhole Pumps		-	-	-	-
7 Measurement & Meter I		-	-	116,667	116,667
3 Gas Conditioning/Deh 9 Interconnecting Facility				20,000	20,000
Gathering / Bulk Lines	i iping	<del></del>		20,000	20,000
l Valves, Dumps, Control	lers	-		108,333	108,333
2 Tank / Facility Contains	nent	-	-	43,333	43,333
Flare Stack				16,667 50,000	16,667
Electrical / Grounding Communications / SCAl	OA.			36,667	36,667
6 Instrumentation / Safety			-	833	833
	TOTAL TANGIBLES	> 1,163,650	0	989,167	2,152,81
	TOTAL COSTS	> 4,481,994	5,064,685	1,761,334	11,308,01
ARED BY Permian Re	sources Operating, LLC:				
Drilling Engine Completions Engine					
Production Engine					
1 roduction Engine	er. DC				
an Resources Operati	ng, LLC APPROVAL:				
Co-Cl		Co-C	TEO	VP - Oper	
	WH		JW		CRM
VP - Land & Le		VP - Geoscier			
	BG		SO		
OPERATING PARTN	ER APPROVAL:				
Company Nan	ne:		Working Interest (%):	T	ax ID:
Signed 1	DV.		Date:	_	
signed i	· J ·		Date:		
				_	

	ESTIMATE	OF COSTS AND AUTHO	ORIZATION FOR EXPENDI	ITURE	
DATE:	2.17.2023			AFE NO.:	1
WELL NAME:	Joker 5-8 Federal Com 1	132H		FIELD:	Teas; Bone Spring
LOCATION:	Section 5, T20S-R34E			MD/TVD:	21,116' / 10,831'
COUNTY/STATE:	Lea County, New Mexic	со		LATERAL LENGTH:	10,000'
Permian WI:				DRILLING DAYS:	19.6
GEOLOGIC TARGET:	TBSG			COMPLETION DAYS:	18.6
	Drill a horizontal TBSG	well and complete with	n 44 stages. AFE includes	drilling, completions, flo	owback and Initial AL
REMARKS:	install cost	*			
INTANGIBL	E COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
T Land / Legal / Regulatory		\$ 57,069	-	37,500	\$ 94,569
2 Location, Surveys & Dam	ages	2/8,338	17,456	2,500	298,294
4 Freight / Transportation 5 Rental - Surface Equipme	t	46,017 120,122	42,298 208,133	25,000 105,000	113,315 433,255
5 Rental - Surface Equipme 6 Rental - Downhole Equip		120,122	208,133	105,000	433,255 256,260
7 Rental - Living Quarters	menc	46,457	52,637		99,094
10 Directional Drilling, Sur	veys	415,018		-	415,018
11 Drilling		728,329			728,329
12 Drill Bits 13 Fuel & Power		96,788 182,546	700,542		96,788 883,088
14 Cementing & Float Equi	ıb.	235,069	700,342		235,069
15 Completion Unit, Swab,		-	-	15,000	15,000
16 Perforating, Wireline, SI	ickline	-	379,842	-	379,842
17 High Pressure Pump Tru			119,106		119,106
18 Completion Unit, Swab, 20 Mud Circulation System		101,651	141,530	-	141,530 101,651
21 Mud Logging	1	16,936			16,936
22 Logging / Formation Eva	luation	7,024	8,057	-	15,081
23 Mud & Chemicals		349,599	423,367	10,000	782,966
24 Water		41,989	639,251	300,000	981,240
25 Stimulation	TOT .	-	786,506 117,494	150,000	786,506 267,494
26 Stimulation Flowback & 28 Mud/Wastewater Dispo		186,574	59,083	130,000	267,494
30 Rig Supervision / Engin		117,098	128,908	21,667	267,673
32 Drlg & Completion Ove		10,071	<del></del>		10,071
35 Labor		148,172	67,140	101,667	316,978
54 Proppant		-	1,212,780	-	1,212,780
95 Insurance 97 Contingency		14,164	23,595	3,833	14,164 27,428
97 Contingency 99 Plugging & Abandonme	ent		23,373	3,033	21,920
	TOTAL INTANGIBLES:	> 3,397,506	5,185,507	772,167	9,355,180
	**********	DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE	COSTS	COSTS	COMPLETION	COSTS	COSTS
60 Surface Casing		\$ 118,101	-	-	\$ 118,101
61 Intermediate Casing		332,642		-	332,642
62 Drilling Liner		-	-	-	-
63 Production Casing		663,806	-	-	663,806
64 Production Liner		-	-	140,000	140,000
65 Tubing 66 Wellhead		62,628		140,000 40,000	140,000 102,628
67 Packers, Liner Hangers		14,234		20,000	34,234
68 Tanks				45,833	45,833
69 Production Vessels		-	-	126,667	126,667
70 Flow Lines		-	-	66,667	66,667
71 Rod string 72 Artificial Lift Equipmen	4			90,000	90,000
73 Compressor	·			5,833	5,833
74 Installation Costs				<del></del>	-
75 Surface Pumps		-	-	61,667	61,667
76 Downhole Pumps		-	-		-
77 Measurement & Meter I				116,667	116,667
78 Gas Conditioning/ Deb 79 Interconnecting Facility				20,000	20,000
80 Gathering / Bulk Lines	19				
81 Valves, Dumps, Control	lers	-	-	108,333	108,333
82 Tank / Facility Contains	nent	-	-	43,333	43,333
83 Flare Stack 84 Electrical / Grounding				16,667 50,000	16,667 50,000
85 Communications / SCAI	DA			36,667	36,667
86 Instrumentation / Safety				833	833
, ,	TOTAL TANGIBLES	> 1,191,410	0	989,167	2,180,577
	TOTAL COSTS :		5,185,507	1,761,334	11,535,757
PARED BY Permian Re	sources Operating, LLC:				
Drilling Engine	er: PS				
Completions Engine					
Production Engine					
1 Todaction Englis					
nian Resources Operatio	ng, LLC APPROVAL:				
Co-CI	EO	Co-C	EO	VP - Opera	itions
	WH		JW	*	CRM
VP - Land & Leg	gal	VP - Geoscien	ces		
	BG		SO		
N OPERATING PARTN	ER APPROVAL:				
., 01 5101111110 1111111					
			Working Interest (%):	Ta	x ID:
Company Nan			Working Interest (%):	Та	ax ID:
	ne:		Working Interest (%): Date:	Ta	ıx ID:

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Permian Resources Operating, LLC 300 N. Marienfeld St., Ste. 1000 Midland, TX 79701 Phone (432) 695-4222 • Fax (432) 695-4063

DATE:	2.17.2023			AFE NO.:	1
VELL NAME:	Joker 5-8 Federal Com 113	BH		FIELD:	Teas; Bone Spring
OCATION:	Section 5, T20S-R34E			MD/TVD:	19,901' / 9,616'
OUNTY/STATE:	Lea County, New Mexico			LATERAL LENGTH:	10,000'
ermian WI:				DRILLING DAYS:	19.6
GEOLOGIC TARGET:	FBSG			COMPLETION DAYS:	18.6
	Drill a horizontal FBSG w	ell and complete with	44 stages. AFE includes	drilling, completions, flo	wback and Initial AL
REMARKS:	install cost				
INTANGIBLE	COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
Land / Legal / Regulatory Location, Surveys & Dam	ages	52,768	16,141	37,500 2,500	\$ 90,268 276,003
Freight / Transportation	-	42,549	39,110	25,000	106,660
Rental - Surface Equipme		111,070	192,448	105,000	408,518 236,949
Rental - Downhole Equip Rental - Living Quarters	ment _	183,520 42,956	53,429 48,671		91,627
0 Directional Drilling, Sur	veys	383,743	-	-	383,743
l Drilling 2 Drill Bits	-	673,443 89,495			673,443 89,495
3 Fuel & Power	-	168,789	647,751		816,540
4 Cementing & Float Equip		217,354	-	-	217,354
5 Completion Unit, Swab, 6 Perforating, Wireline, Sli			351,218	15,000	15,000 351,218
7 High Pressure Pump Tru			110,130		110,130
8 Completion Unit, Swab,		-	130,865		130,865
0 Mud Circulation System 1 Mud Logging	_	93,991 15,660	-		93,991 15,660
2 Logging / Formation Eva	luation	6,495	7,450		13,944
3 Mud & Chemicals	<del>-</del>	323,254	391,463	10,000	724,717
4 Water 5 Stimulation		38,825	591,078 727,236	225,000	854,903 727,236
6 Stimulation Flowback &	Disp		108,640	150,000	258,640
8 Mud / Wastewater Dispo		172,514	54,630	-	227,144
0 Rig Supervision / Engine 2 Drlg & Completion Over		108,273 9,312	119,194	21,667	249,134 9,312
5 Labor	-	137,006	62,080	101,667	300,753
4 Proppant	_	-	1,121,387		1,121,387
5 Insurance 7 Contingency	-	13,096	21,817	3,833	13,096 25,650
9 Plugging & Abandonme	nt -	-		-	-
	TOTAL INTANGIBLES >	3,141,476	4,794,736	697,167	8,633,379
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE	COSTS	COSTS	COSTS	COSTS	COSTS
0 Surface Casing	\$_	109,201			\$ 109,201
1 Intermediate Casing 2 Drilling Liner	-	307,574	-		307,574
3 Production Casing	-	613,783	-	-	613,783
4 Production Liner		-	-	140,000	140,000
5 Tubing 6 Wellhead	-	57,908		140,000 40,000	140,000 97,908
7 Packers, Liner Hangers	-	13,161	-	20,000	33,161
8 Tanks		-	-	45,833	45,833
9 Production Vessels 0 Flow Lines	-			126,667 66,667	126,667 66,667
1 Rod string	-	-	-	-	-
2 Artificial Lift Equipment	_	-	-	90,000	90,000
3 Compressor 4 Installation Costs	-			5,833	5,833
5 Surface Pumps	-	-	-	61,667	61,667
6 Downhole Pumps		-	-		-
7 Measurement & Meter It 8 Gas Conditioning/Dehy				116,667	116,667
9 Interconnecting Facility			-	20,000	20,000
0 Gathering / Bulk Lines	_	-	-	-	-
1 Valves, Dumps, Controll 2 Tank / Facility Containm				108,333	108,333
3 Flare Stack	-			16,667	16,667
4 Electrical / Grounding	-	-	-	50,000	50,000
5 Communications / SCAL 6 Instrumentation / Safety	)A	-	-	36,667 853	36,667 853
6 Instrumentation/ Sarety	TOTAL TANGIBLES >	1,101,627	- 0	989,187	2,090,814
	TOTAL COSTS >	4,243,103	4,794,736	1,686,354	10,724,193
		, ,, .,	, , , , , ,	,,	
PARED BY Permian Res	sources Operating, LLC:				
THE DITTERMENT NO.	ources operating, zze.				
Drilling Engine					
Completions Enginee					
Production Enginee	er: DC				
ian Rasauraas Onaratir	og II C APPROVAL				
ian Resources Operatir	ig, LLC AFFROVAL:				
Co-CE	0	Co-C	EO	VP - Opera	tions
	WH		JW		CRM
VP - Land & Leg	al	VP - Geoscien	ces		
	BG		SO		
onen					
OPERATING PARTN	EK APPROVAL:				
Company Nam	ie:		Working Interest (%):	Ta	x ID:
Signed b	v:		Date:		
Signed b	·		Date.		<del></del>
Tit	le:		Approval:	Yes	No (mark one)

	ESTIMATE (	OF COSTS AND AUTHO	ORIZATION FOR EXPENDI	ITURE	
DATE:	2.17.2023			AFE NO.:	1
WELL NAME:	Joker 5-8 Federal Com 12	25H		FIELD:	Teas; Bone Spring
LOCATION:	Section 5, T20S-R34E			MD/TVD:	20,571' / 10,286'
COUNTY/STATE:	Lea County, New Mexico	)		LATERAL LENGTH:	10,000'
Permian WI:		<u> </u>		DRILLING DAYS:	19.6
GEOLOGIC TARGET:	SBSG			COMPLETION DAYS:	18.6
REMARKS:	Drill a horizontal SBSG v install cost	vell and complete with	n 44 stages. AFE includes	drilling, completions, flo	wback and Initial AL
REWARKS.	nistan cost	DRILLING	COMPLETION	PRODUCTION	TOTAL
INTANGIBLE	COSTS	COSTS	COSTS	COSTS	COSTS
T Land / Legal / Regulatory 2 Location, Surveys & Dama	nges	54,351 265,083	16,625	37,500 2,500	284,208
4 Freight / Transportation		43,826	40,284	25,000	109,110
5 Rental - Surface Equipmer		114,402	198,221	105,000	417,624
6 Rental - Downhole Equips 7 Rental - Living Quarters	ment	189,026 44,244	55,031 50,131	-	244,057 94,375
10 Directional Drilling, Surv	veys	395,255	-	-	395,255
11 Drilling		693,647	-	-	693,647
12 Drill Bits 13 Fuel & Power		92,179 173,853	667,183		92,179 841,036
14 Cementing & Float Equip	,	223,875	-	-	223,875
15 Completion Unit, Swab, 0	CTU	-	-	15,000	15,000
16 Perforating, Wireline, Sli 17 High Pressure Pump True			361,754 113,434		361,754 113,434
18 Completion Unit, Swab, 0			134,791		134,791
20 Mud Circulation System		96,811	-	-	96,811
21 Mud Logging		16,130	7.77	-	16,130
22 Logging / Formation Eval 23 Mud & Chemicals	tuatiOII	6,690 332,951	7,673 403,207	10,000	14,363 746,158
24 Water		39,990	608,810	250,000	898,800
25 Stimulation		-	749,053	-	749,053
26 Stimulation Flowback &		177.490	111,899 56,269	150,000	261,899
28 Mud/Wastewater Dispos 30 Rig Supervision/Engine		177,689 111,522	122,769	21,667	233,959
32 Drlg & Completion Over		9,591			9,591
35 Labor		141,116	63,942	101,667	306,725
54 Proppant 95 Insurance		13,489	1,155,029	-	1,155,029
97 Contingency		13/107	22,472	3,833	26,305
99 Plugging & Abandonmer	nt	-			
	TOTAL INTANGIBLES >	3,235,720	4,938,578	722,167	8,896,465
TANGIBLE	COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
60 Surface Casing	\$	112,477	-	-	\$ 112,477
61 Intermediate Casing		316,801	-	-	316,801
62 Drilling Liner 63 Production Casing		632,196			632,196
64 Production Liner		032,190	<del></del>		032,190
65 Tubing		-	-	140,000	140,000
66 Wellhead		59,645	-	40,000	99,645
67 Packers, Liner Hangers 68 Tanks		13,556		20,000	33,556
69 Production Vessels				45,833	45,833
70 Flow Lines		-	-	126,667	126,667
71 Rod string 72 Artificial Lift Equipment				66,667 90,000	66,667 90,000
73 Compressor				5,833	5,833
74 Installation Costs		-	-		-
75 Surface Pumps			-	61,667	61,66/
76 Downhole Pumps 77 Measurement & Meter In	stallation			116,667	116,667
78 Gas Conditioning/Dehy		-	-		
79 Interconnecting Facility I	Piping	-	-	20,000	20,000
80 Gathering / Bulk Lines 81 Valves, Dumps, Controlle	ers			108,333	108,333
82 Tank / Facility Containme				43,333	43,333
83 Flare Stack		-	-	16,667	16,667
84 Electrical / Grounding	14		-	50,000	50,000
85 Communications / SCAD 86 Instrumentation / Safety	773	<del>-</del>		36,667 833	36,667 833
	TOTAL TANGIBLES >	1,134,676	0	989,167	2,123,843
	TOTAL COSTS >	4,370,396	4,938,578	1,711,334	11,020,308
EPARED BY Permian Res	ources Operating, LLC:				
Drilling Enginee	er: PS				
Completions Enginee					
Production Enginee	er: DC				
mian Resources Operatin	g, LLC APPROVAL:				
0.00			27.0		
Co-CE	WH	Co-C	.EO IW	VP - Opera	CRM
VP - Land & Lega		VP - Geoscier	***		
	BG		SO		
ON OPERATING PARTNI	ER APPROVAL:				
Company Name	e:		Working Interest (%):	Ta	x ID:
					•
Signed by	y:		Date:		
Title	e:		Approval:	Yes	No (mark one)
	onstrued as ceilings on any specific item or the total c				

		OF COSTS AND ACTIO	ORIZATION FOR EXPEND		
DATE:	2.17.2023			AFE NO.:	1
VELL NAME:	Joker 5-8 Federal Com 1	26H		FIELD:	Teas; Bone Spring
OCATION:	Section 5, T20S-R34E			MD/TVD:	20,256' / 9,961'
OUNTY/STATE:	Lea County, New Mexic	0		LATERAL LENGTH:	10,000'
ermian WI:				DRILLING DAYS:	19.6
EOLOGIC TARGET:	SBSG			COMPLETION DAYS:	18.6
The house		well and complete with	n 44 stages. AFE includes		lowback and Initial AL
REMARKS:	install cost	DRILLING	COMPLETION	PRODUCTION	TOTAL
INTANGIBLE	COSTS	COSTS	CONTENTON	COSTS	COSTS
Land / Legal / Regulatory Location, Surveys & Dama	ages	265,083	16,625	37,500 2,500	\$ 91,851
Freight/Transportation	-5	43,826	40,284	25,000	109,110
Rental - Surface Equipme	nt	114,402	198,221	105,000	417,624
Rental - Downhole Equip		189,026	55,031		244,057
Rental - Living Quarters		44,244	50,131	-	94,375
Directional Drilling, Sur	veys	395,255	-	-	395,255
Drilling		693,647	-	-	693,647
2 Drill Bits		92,179			92,179
Fuel & Power		173,853 223,875	667,183		841,036 223,875
Cementing & Float Equip Completion Unit, Swab,		223,673		15,000	15,000
Perforating, Wireline, Sli			361,754	15,000	361,754
High Pressure Pump Tru			113,434		113,434
Completion Unit, Swab,			134,791		134,791
Mud Circulation System		96,811			96,811
Mud Logging		16,130	-		16,130
2 Logging / Formation Eval	luation	6,690	7,673		14,363
3 Mud & Chemicals		332,951	403,207	10,000	746,158
l Water		39,990	608,810	250,000	898,800
Stimulation			749,053	-	749,053
Stimulation Flowback &		-	111,899	150,000	261,899
8 Mud/Wastewater Dispo		177,689	56,269 122,769	-	233,959
Rig Supervision / Engine		111,522		21,667	
2 Drlg & Completion Over 5 Labor	nead	9,591 141,116	63,942	101,667	9,591
1 Proppant		141,110	1,155,029	101,007	1,155,029
5 Insurance		13,489	1,133,029		1,133,029
7 Contingency		13/107	22,472	3,833	26,305
Plugging & Abandonme	nt		-		20,000
88 8	TOTAL INTANGIBLES >	3,235,720	4,938,578	722,167	8,896,465
	TOTTLE HITTHIODELO				
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE	COSTS	COSTS	COSTS	COSTS	COSTS
Surface Casing	5	,	-	-	\$ 112,477
1 Intermediate Casing		316,801	-	-	316,801
2 Drilling Liner		-	-	-	
3 Production Casing		632,196	-		632,196
4 Production Liner					
5 Tubing				140,000	140,000
6 Wellhead 7 Packers, Liner Hangers		59,645 13,556		40,000 20,000	99,645 33,556
8 Tanks		15,550		20,000	33,330
9 Production Vessels				45,833	45,833
0 Flow Lines				126,667	126,667
1 Rod string				66,667	66,667
2 Artificial Lift Equipment				90,000	90,000
3 Compressor		-	-	5,833	5,833
4 Installation Costs			-		-
Surface Pumps		-		61,667	61,667
6 Downhole Pumps			-		-
7 Measurement & Meter In		-	-	116,667	116,667
8 Gas Conditioning/Dehy		-	-	-	-
9 Interconnecting Facility I	Piping			20,000	20,000
0 Gathering / Bulk Lines					108,333
I Valves, Dumps, Controll				108,333	43,333
2 Tank / Facility Containm 3 Flare Stack	ent	<del></del>		16,667	16,667
4 Electrical / Grounding				50,000	50,000
5 Communications / SCAD	)A			36,667	36,667
6 Instrumentation / Safety				833	833
	TOTAL TANGIBLES >	1,134,676	0	989,167	2,123,843
	TOTAL COSTS >		4,938,578	1,711,334	11,020,308
		, , , , , ,			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
ARED BY Permian Res	ources Operating, LLC:				
Drilling Enginee	er: PS				
Completions Enginee					
Production Enginee					
1 Toduction Enginee	н. БС				
ian Resources Operatin	g, LLC APPROVAL:				
Co-CE	0	Co-C	ŒO	VP - Oper	rations
	WH		JW	*	CRM
VP - Land & Leg	al	VP - Geoscier	nces		
	BG	and the second second second second	SO		
OPED ATIMIC DARRENT	ED ADDDOWAL.				
OPERATING PARTN			Minding V. 1990		C ID:
Company Nam	e.		Working Interest (%):		Tax ID:
Signed b	y:		Date:		
Titl			Approval:	_	No (mark one)

No (mark one)

WELL NAME: LOCATION: COUNTY/STATE: Permian WI: GEOLOGIC TARGET:	DSTS s nt u ine U tion	)	COMPLETION COSTS  17,050 41,312 203,283 56,437 51,411 684,220 - 370,992	AFE NO: FIELD: MDJTVD: LATERAL LENGTH: DRILLING DAYS: COMPLETION DAYS: drilling, completions, fl  PRODUCTION COSTS	TOTAL COSTS \$ 93,239 291,402 111,257 425,606 250,289 96,783
LOCATION: COUNT/STATE: Permian WI: GEOLOGIC TARGET: REMARKS:  INTANGIBLE C TLand/ Legal/ Regulatory 2 Location, Surveys & Damage 4 Freight/ Transportation 5 Rental - Surface Equipment 6 Rental - Downhole Equipme 7 Rental - Living Quarters 10 Directional Drilling, Survey 11 Drill Bits 13 Fuel & Power 14 Cementing & Float Equip 15 Completion Unit, Swab, CT 16 Perforating, Wireline, Slick 17 High Pressure Pump Truck 18 Completion Unit, Swab, CT 19 Mud Circulation System 21 Mud & Logging 22 Logging/ Formation Evalua 23 Mud & Chemicals 24 Water 25 Stimulation 26 Stimulation 26 Stimulation 26 Stimulation 27 Stimulation 28 Mud Wastewater Disposal 30 Rig Supervision / Engineeri 32 Drig & Completion Overhe 53 Labor 54 Proppant 59 Contingency	Section 5, T20S-R34E Lea County, New Mexico TBSG Drill a horizontal TBSG v install cost  DSTS  s  U tine U tion  sp ng	DRILLING COSTS  55,759  271852  44,945  117,323  193,833  45,374  405,548  711,359  94,533  178,292  29,392	COMPLETION COSTS  17,050 41,312 203,283 56,437 51,411 684,220 - 370,992	MD/TVD: LATERAL LENGTH: DRILLING DAYS: COMPLETION DAYS: drilling, completions, fl  PRODUCTION COSTS	20,721' / 10,436' 10,000' 19.6 18.6 owback and Initial AL  TOTAL COSTS \$ 93,239' 291,402' 111,257' 425,606' 250,289' 96,783'
COUNTY/STATE: Permian WI: GEOLOGIC TARGET:  INTANGIBLE C I Land/ Legal / Regulatory 2 Location, Surveys & Damage 4 Freight / Transportation 5 Rental - Surface Equipment 6 Rental - Downhole Equipme 7 Rental - Living Quarters 10 Diriectional Drilling, Survey 11 Drilling 12 Drill Bits 13 Fuel & Power 11 Drilling 15 Completion Unit, Swab, CI 16 Perforating, Wireline, Slick 17 High Pressure Pump Truck 18 Completion Unit, Swab, CI 19 Mud Circulation System 21 Mud Logging 22 Logging / Formation Evalua 23 Mud & Chemicals 24 Water 25 Stimulation 26 Stimulation Flowback & Di 28 Mud (Wastewater Disposal 30 Rig Supervisor Penginere 32 Drig & Completion Overhe 54 Proppant 59 Insurance 59 Insurance 59 Contingency	Lea County, New Mexico TBSG Drill a horizontal TBSG v install cost  DSTS  s  nt  u ine  U ttion  sp  ng	DRILLING COSTS  55,739  27,1852  44,945  117,525  193,883  45,374  405,348  71,339  94,533  178,292  229,592	COMPLETION COSTS  17,050 41,312 203,283 56,437 51,411 684,220 - 370,992	LATERAL LENGTH: DRILLING DAYS: COMPLETION DAYS: drilling, completions, fl  PRODUCTION COSTS	10,000' 19.6 18.6 owback and Initial AL  TOTAL COSTS \$ 93,239 291,402 111,257 425,606 220,289 96,783
Permian WI: GEOLOGIC TARGET: REMARKS:  INTANGIBLE C I Land / Legal / Regulatory 2 Location, Surveys & Damage 4 Freight / Transportation 5 Rental - Downhole Equipment 6 Rental - Living Quarters 10 Directional Drilling, Survey 11 Drilling 12 Drill Bils 13 Fuel & Power 14 Cementing & Float Equip 15 Completion Unit, Swab, CT 10 Corporation, Wireline, Slick 17 High Pressure Pump Truck 18 Completion Unit, Swab, CT 20 Mud Circulation System 21 Mud Logging 22 Logging / Formation Evalua 23 Mud & Chemicals 24 Water 25 Stimulation Flowback & Di 28 Mud (Wastewater Disposal 30 Rig Supervision / Engineer 12 Drilg & Completion Overhe 15 Labor 14 Proppant 15 Insurance 17 Contingency	TBSG Drill a horizontal TBSG v install cost  DSTS  s  u tine U tion  sp  ng	DRILLING COSTS  55,739  27,1852  44,945  117,525  193,883  45,374  405,348  71,339  94,533  178,292  229,592	COMPLETION COSTS  17,050 41,312 203,283 56,437 51,411 684,220 - 370,992	DRILLING DAYS: COMPLETION DAYS: drilling, completions, fl  PRODUCTION COSTS  3/300 25,000 105,000	19.6 18.6 owback and Initial AL  TOTAL COSTS  93,259 291,402 111,257 425,006 250,289 96,785 405,548
INTANGIBLE C I Land J Legal J Regulatory 2 Location, Surveys & Damage 4 Freight / Transportation 8 Rental - Surface Equipmen 8 Rental - Downhole Equipme 10 Directional Drilling, Survey 11 Drilling 12 Drill Bits 13 Fuel & Power 14 Cementing & Float Equip 15 Completion Unit, Swab, CI 16 Perforating, Wireline, Slick 16 Cempletion Unit, Swab, CI 16 Perforating, Wireline, Slick 18 Completion Unit, Swab, CI 20 Mud Circulation System 21 Mud Logging 22 Logging / Formation Evalua 23 Mud & Chemicals 24 Water 25 Stimulation 26 Stimulation 26 Stimulation 26 Stimulation 26 Stimulation 27 Sign Sign Sign Sign Sign Sign Sign Sign	Drill a horizontal TBSG vinstall cost  DSTS  s  nt  U  tine  U  tion	DRILLING COSTS  55,739 271,852 44,945 117,323 193,853 45,374 405,348 711,359 94,253 178,292 229,592	COMPLETION COSTS  17,050 41,312 203,283 56,437 51,411 684,220 - 370,992	PRODUCTION COSTS	TOTAL COSTS \$ 93,239 -291,402 -111,257 -425,606 -250,289 -96,783 -405,548
INTANGIBLE C  ILLAND/ Legal / Regulatory  Location, Surveys & Damage  Freight / Transportation  Rental - Surface Equipment  Rental - Downhole Equipmer  Rental - Living Quarters  Directional Drilling, Survey  In Drilling  Lordil Bits  Freight - Living Quarters  Completion Unit, Swab, CT  Completion Unit, Swab, CT  Completion Unit, Swab, CT  Completion Unit, Swab, CT  Mud Circulation System  Mud Logging  Logging / Formation Evalua  Sa Mud & Chemicals  Water  St Stimulation  C Stimulation Powerhe  Logging & Completion Overhe  Logging & Completion Overh	DSTS s nt u ine U tion	DRILLING COSTS  55,739 271,852 44,945 117,323 193,853 45,374 405,348 711,359 94,253 178,292 229,592	COMPLETION COSTS  17,050 41,312 203,283 56,437 51,411	PRODUCTION COSTS 37,500 2,500 25,000 105,000	TOTAL COSTS \$ 93,239 291,402 111,257 425,606 250,289 96,783
INTANGIBLE C  I Land / Legal / Regulatory  2 Location, Surveys & Damage  4 Freight / Transportation  8 Rental - Surface Equipment  8 Rental - Jownhole Equipment  7 Rental - Living Quarters  10 Directional Drilling, Survey  11 Drilling  12 Drill Bits  13 Fuel & Power  14 Cementing & Float Equip  15 Completion Unit, Swab, CT  16 Perforating, Wireline, Slick  18 Completion Unit, Swab, CT  20 Mud Circulation System  21 Mud Logging  22 Logging / Formation Evalua  23 Mud & Chemicals  24 Water  25 Stimulation  26 Stimulation Flowback & Di  28 Mud / Wastewater Disposal  30 Rig Supervision / Engineer  32 Drig & Completion Overhe  34 Labor  34 Proppant  55 Insurance  74 Contingency	DSTS  s  nt  s  U  tine  U  ttion	COSTS  55,739  271,852  44,945  117,323  193,853  45,374  405,348  711,359  94,533  178,292  229,592	COSTS  17,050 41,312 203,283 55,437 51,411 684,220 - 370,992	COSTS  37,500  2,500  25,000  105,000	\$ 95,239  291,402  111,257  425,606  250,289  96,785  405,348
I Land J. Legal J. Kegulatory 2 Location, Surveys & Damage 4 Freight / Transportation 5 Rental - Surface Equipment 6 Rental - Jownhole Equipment 6 Rental - Living Quarters 10 Directional Drilling, Survey 11 Drilling 11 Drilling 12 Drilling 13 Fuel & Power 14 Cementing & Float Equip 15 Completion Unit, Swab, CT 16 Perforating, Wireline, Slick 16 Completion Unit, Swab, CT 20 Mud Circulation System 21 Mud Logging 22 Logging / Formation Evalua 23 Mud & Chemicals 24 Water 25 Stimulation 26 Stimulation 26 Stimulation 26 Stimulation 27 Simulation 28 Mud (Wastewater Disposal 30 Rig Supervisor) Engineer 31 Drig & Completion Overhe 35 Labor 54 Proppant 55 Insurance 77 Contingency	s s  nt  U  tine  U  ttion	COSTS  55,739  271,852  44,945  117,323  193,853  45,374  405,348  711,359  94,533  178,292  229,592	COSTS  17,050 41,312 203,283 55,437 51,411 684,220 - 370,992	COSTS  37,500  2,500  25,000  105,000	\$ 95,239  291,402  111,257  425,606  250,289  96,785  405,348
2 Location, Surveys & Damags 4 Freight/Transportation 5 Rental - Surface Equipment 6 Rental - Jownhole Equipment 7 Rental - Living Quarters 10 Directional Drilling, Survey 11 Drilling 12 Drill Bits 13 Fuel & Power 14 Cementing & Float Equip 15 Completion Unit, Swab, CT 16 Perforating, Wireline, Slick 17 High Pressure Pump Truck 18 Completion Unit, Swab, CT 20 Mud Circulation System 21 Mud Logging 22 Logging/Formation Evalua 23 Mud & Chemicals 24 Water 25 Stimulation 26 Stimulation 26 Stimulation 26 Stimulation 26 Stimulation 27 Sing May Surveysion 28 Mud Wastewater Disposal 30 Rig Supervision / Engineer 31 Drig & Completion Overhe 35 Labor 34 Proppant 59 Toontingnecy	nt  U  tine  U  tion	271,852 44,945 117,323 193,833 45,374 405,548 711,539 94,533 178,292 229,592 	41,312 203,283 56,437 51,411 - - 684,220 - 370,992	2,500 25,000 105,000	291,402 111,257 425,606 250,289 96,785 405,348
I Freight/ Transportation  S Rental - Surface Equipment  R Rental - Living Quarters  I Drilling, Survey  I Completion Unit, Swab, CT  Out High Pressure Pump Truck  I High Pressure  I High Pressur	nt  U  tine  U  tion	44,945 117,523 193,853 45,374 405,348 711,359 94,533 178,292 229,592 - - - - - - - - - - - - -	41,312 203,283 56,437 51,411 - - 684,220 - 370,992	25,000 105,000	111,257 425,606 250,289 96,785 405,348
s Rental - Surface Equipment Rental - Downhole Equipme Rental - Diventional Drilling, Survey Directional Drilling, Survey Drilling Lording Survey Committee	U ine U tion sp	193,883 45,374 405,548 711,359 94,533 178,292 29,592 	56,437 51,411 - - - 684,220	-	250,289 96,785 405,348
Rental - Living Quarters  O Directional Drilling, Survey  1 Drilling  2 Drill Bits  3 Fuel & Power  4 Cementing & Float Equip  5 Completion Unit, Swab, CT  6 Perforating, Wireline, Slick  7 High Pressure Pump Truck  8 Completion Unit, Swab, CT  0 Mud Circulation System  1 Mud Logging  2 Logging / Formation Evalua  3 Mud & Chemicals  4 Water  5 Stimulation  6 Stimulation Flowback & Di  8 Mud / Wastewater Disposal  0 Rig Supervision / Engineer  2 Drig & Completion Overhe  5 Labor  4 Proppant  5 Insurance  7 Continiency	U ine U tion sp	45,374 415,548 711,559 94,533 178,292 229,592 	51,411 	-	96,785 405,348
0 Directional Drilling, Survey 1 Drilling 2 Drill Bits 3 Fuel & Power 4 Cementing & Float Equip 5 Completion Unit, Swab, CT 6 Perforating, Wireline, Slick 7 High Pressure Pump Truck 8 Completion Unit, Swab, CT 0 Mud Circulation System 1 Mud Logging 2 Logging/ Formation Evalua 3 Mud & Chemicals 4 Water 5 Stimulation Flowback & Di 8 Mud / Wastewater Disposal 0 Kig Supervision / Engineer 2 Drig & Completion Overhe 5 Labor 4 Proppant 5 Islabor 5 Continigency	U ine U tion sp	405,48 711,559 94,533 178,292 229,592 - - - - - - 99,283 16,542 6,860 341,433 41,011	684,220		405,348
2 Drill Bits 3 Fuel & Power 4 Cementing & Float Equip 5 Completion Unit, Swab, CT 6 Perforating, Wireline, Slick 7 High Pressure Pump Truck 8 Completion Unit, Swab, CT 0 Mud Circulation System 1 Mud Logging 1 Mud Logging 2 Logging/ Formation Evalua 3 Mud & Chemicals 4 Water 5 Stimulation Flowback & Di 8 Stimulation Flowback & Di 8 Mud / Wastewater Disposal 0 Rig Supervision / Engineer 2 Drig & Completion Overhe 5 Labor 4 Proppant 5 Insurance 7 Contingency	ine U tion sp	94,533 178,292 229,592 - - - - 99,283 16,542 6,860 341,433 41,011	370,992	-	
3 Fuel & Power 4 Cementing & Float Equip 5 Completion Unit, Swab, CI 6 Perforating, Wireline, Slick 7 High Pressure Pump Truck 8 Completion Unit, Swab, CI 0 Mud Circulation System 1 Mud Logging 2 Logging/ Formation Evalua 3 Mud & Chemicals 4 Water 5 Stimulation Flowback & Di 8 Mud J Wastewater Disposal 0 Rig Supervision / Engineer 2 Drig & Completion Overhe 5 Labor 4 Proppant 5 Insurance 7 Contingency	ine U tion sp	178,292 229,592 	370,992		711,359 94,533
4 Cementing & Float Equip 5 Completion Unit, Swab, CT 6 Perforating, Wireline, Slick 7 High Pressure Pump Truck 8 Completion Unit, Swab, CT 0 Mud Circulation System 1 Mud Logging 1 Mud Logging 2 Logging/ Formation Evalua 3 Mud & Chemicals 4 Water 5 Stimulation flowback & Di 8 Mud / Wastewater Disposal 0 Rig Supervision / Engineeri 2 Drig & Completion Overhe 5 Labor 4 Proppant 5 Insurance 7 Contingency	ine U tion sp	229,592 	370,992		862,512
6 Perforating, Wireline, Slick 7 High Pressure Pump Truck 8 Completion Unit, Swab, CT 0 Mud Circulation System 1 Mud Logging 2 Logging/ Formation Evalua 3 Mud & Chemicals 4 Water 5 Stimulation 6 Stimulation Flowback & Di 8 Mud / Wastewater Disposal 0 Mig Supervision / Engineer 2 Drig & Completion Overhe 5 Labor 4 Proppant 5 Insurance 7 Continiency	ine U tion sp	99,283 16,542 6,860 341,453 41,011		-	229,592
7 High Pressure Pump Truck 8 Completion Unit, Swab, CT 0 Mud Circulation System 1 Mud Logging 2 Logging/ Formation Evalua 3 Mud & Chemicals 4 Water 5 Stimulation Flowback & Di 8 Stimulation Flowback & Di 8 Mud / Wastewater Disposal 0 Rig Supervision / Engineer 2 Drig & Completion Overhe 5 Labor 4 Proppant 5 Insurance 7 Contingency	U tion sp ng	99,283 16,542 6,860 341,453 41,011		15,000	15,000
8 Completion Unit, Swab, CI O Mud Circulation System 1 Mud Logging 2 Logging / Formation Evalua 3 Mud & Chemicals 4 Water 5 Stimulation 6 Stimulation Flowback & Di 8 Mud / Wastewater Disposal 0 Rig Supervision / Engineer 2 Drig & Completion Overhe 5 Labor 4 Proppant 5 Insurance 7 Contingency	tion sp ng	99,283 16,542 6,860 341,453 41,011	116,330		370,992 116,330
1 Mud Logging 2 Logging/Formation Evalua 3 Mud & Chemicals 4 Water 5 Stimulation 6 Stimulation Flowback & Di 8 Mud / Wastewater Disposal 0 Kig Supervision / Engineer 2 Drlg & Completion Overhe 5 Labor 4 Proppant 5 Tontingency 7 Contingency	sp	16,542 6,860 341,453 41,011	138,232	-	138,232
2 Logging/Formation Evalua 3 Mud & Chemicals 4 Water 5 Stimulation 6 Stimulation Flowback & Di 8 Mud/ Wastewater Disposal 0 Rig Supervision / Engineeri 2 Drlg & Completion Overhe 5 Labor 4 Proppant 5 Insurance 7 Contingency	sp	6,860 341,453 41,011	-	-	99,283
3 Mud & Chemicals 4 Water 5 Stimulation 6 Stimulation Flowback & Di 8 Mud / Wastewater Disposal 0 Rig Supervision / Engineeri 2 Drig & Completion Overhe 5 Labor 4 Proppant 5 Insurance 7 Contingency	sp	341,453 41,011	7,869		16,542 14,729
5 Stimulation 6 Stimulation Flowback & Di 8 Mud / Wastewater Disposal 0 Rig Supervision / Engineeri 2 Drig & Completion Overhe 1 Labor 4 Proppant 5 Insurance 7 Contingency	ng		413,503	10,000	764,956
6 Stimulation Flowback & Di 8 Mud / Wastewater Disposal 0 Rig Supervision / Engineeri 2 Drig & Completion Overhe 5 Labor 4 Proppant 5 Insurance 7 Contingency	ng	-	624,356	300,000	965,367
8 Mud/Wastewater Disposal 0 Rig Supervision/Engineeri 2 Drig & Completion Overhe 5 Labor 4 Proppant 5 Insurance 17 Contingency	ng		768,180 114,757	150,000	768,180 264,757
2 Drlg & Completion Överhe 5 Labor 4 Proppant 5 Insurance 7 Contingency		182,227	57,706	-	239,933
5 Labor 4 Proppant 5 Insurance 7 Contingency	ad	114,369	125,904	21,667	261,941
4 Proppant 5 Insurance 7 Contingency		9,836 144,719	65,575	101,667	9,836 311,961
7 Contingency			1,184,522	-	1,184,522
		13,834	-	-	13,834
71 Tagging & Abandonment			23,045	3,833	26,878
	TOTAL INTANGIBLES >	3,318,344	5,064,685	772,167	9,155,196
	TOTAL HATTINGIBLES	DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE CO	STS	COSTS	COSTS	COSTS	COSTS
0 Surface Casing	\$	115,349	-	-	\$ 115,349
1 Intermediate Casing		324,891	-		324,891
2 Drilling Liner		648,340	-	-	648,340
3 Production Casing 4 Production Liner		040,340			040,340
5 Tubing		-	-	140,000	140,000
6 Wellhead		61,169	-	40,000	101,169
7 Packers, Liner Hangers 8 Tanks		13,902		20,000 45,833	33,902 45,833
9 Production Vessels				126,667	126,667
0 Flow Lines		-	-	66,667	66,667
1 Rod string		-	-	90,000	90,000
2 Artificial Lift Equipment 3 Compressor				5,833	5,833
4 Installation Costs					-
5 Surface Pumps		-	-	61,667	61,667
6 Downhole Pumps 7 Measurement & Meter Insta	llation			116,667	116,667
8 Gas Conditioning/ Dehydr				110,007	110,007
9 Interconnecting Facility Pip		-	-	20,000	20,000
0 Gathering / Bulk Lines		-	-	-	-
1 Valves, Dumps, Controllers 2 Tank / Facility Containmen		<del></del> _		108,333	108,333
3 Flare Stack		-	-	16,667	16,667
4 Electrical / Grounding		-	-	50,000	50,000
5 Communications / SCADA 6 Instrumentation / Safety				36,667 833	36,667 833
o instrumentation/ Safety	TOTAL TANGIBLES >	1,163,650	- 0	989.167	2,152,817
	TOTAL COSTS >	4,481,994	5,064,685	1,761,334	11,308,013
'ARED BY Permian Resou	rces Operating, LLC:				
Deilling Engineer	PS				
Drilling Engineer: Completions Engineer:	ML				
Production Engineer:	DC				
ian Resources Operating,	LLC APPROVAL:				
		Co-C		VP - Opera	ations
Co-CEO			JW		CRM
Co-CEO	WH	VP - Geoscien			
			SO		
Co-CEO	WH				
Co-CEO					
Co-CEO	BG				
Co-CEO  VP - Land & Legal  OPERATING PARTNER	BG		Working Interest (%)	T.	ax ID;
Co-CEO VP - Land & Legal	BG		Working Interest (%):		ax ID:

No (mark one)

MELL NAME	DATE: 2.1	ESTIMATE O: 17.2023			AFE NO.:	1
COLOTION:   Section   TOPS-REALE   MORPYON   TOURN   TOURN   TOURN   New Mexico			iH		_	
COUNTY STATE   COUN					_	
Comman NF					_	
Delta horizontal ITRSG well and complete with 44 stages. AFE includes drilling, completions, Rowback and Initial Ariestal Costs   Delta No.   Costs		· · · · · · · · · · · · · · · · · · ·			_	
MARKES   Install Col	GEOLOGIC TARGET: TE	BSG			COMPLETION DAYS:	18.6
NATANGRIEL COSTS	Dı	rill a horizontal TBSG w	ell and complete with	44 stages. AFE includes	drilling, completions, fl	owback and Initial A
NTANCRIBLE COSTS   COSTS   COSTS   COSTS						
Table   Tabl	INTANGIBLE COS	TS				
Integrated   1, 1	Land/Legal/Regulatory	5	57,069	-	37,500	\$ 94,56
Rotal - Service Equipment  Rotal - Downhole Liguipment  Rotal - Living Quarters  Rotal - Rotal - Living Quarters  Rotal - Rotal - Rotal - Living Quarters  Rotal - R		_			,	
Restal - Downhole Equipment   196,077   37,787   7   250.    Restal - Living Quarters   44,877   37,878   7   250.    Restal - Living Quarters   44,877   37,878   7   37,77   37,77    Duilling   77,05,797   7   37,77   37,77   37,77    Duilling   79,787   77,75,77   7   37,77   37,77    For the Committee of the		-				
Month   March   Marc		-				
Drilling	Rental - Living Quarters	-	46,457		-	99,0
2 Detail Biles   50,788		_		-		
State   Prove		-		<del></del>		
\$ Completion Unit, Swab, CTU		-		700,542	-	
Separation   Sep		_	235,069	-	-	
119,105		_		370 877	15,000	
8 Completion Unit, Swab, CTU		_	<del></del> -			
Aud Logging	8 Completion Unit, Swab, CTU	-	-		-	141,5
2 Logging / Formation kvaluation		_				101,63
State   Supplementary   Supp		m _				
# Water	3 Mud & Chemicals	-				782,9
## Stimulation Flowback & Disp ## 17,784 ## 15,000 ## 18	24 Water	-		639,251		981,2
Shudy Mastewater Disposal   1863/4   59JBS			-			786,50
10   15   15   15   15   15   15   15		-				
2 Dig & Completion Overhead   100,077	30 Rig Supervision / Engineering	-				
A Propage	32 Drlg & Completion Overhead	-				10,0
14,161		_				
7. Contingney		-				
TOTALINTANGIBLES   3,397,506	77 Contingency	-				
DRILLING		_	-			-
Surface Casing   Surf	T	OTAL INTANGIBLES >	3,397,506	5,185,507	772,167	9,355,1
Surface Casing   Surf			DRILLING			
Intermediate Casing		'S		COSTS	COSTS	
2 Drilling Liner		\$_				
3 Production Casing		-	332,042	<del></del>		332,0
140,180		-	663,806			663,8
10   10   10   10   10   10   10   10	4 Production Liner	_	-	-		-
		_	67.670			
## Stanks   -   -   -   -   -   -   -   -   -		-				
10   How Lines	58 Tanks	-	-	-	45,833	45,8
1. Rod string		_	-	-		126,60
2. Attificial Lift Equipment		_			66,66/	66,61
3. Compressor		-			90,000	90,0
15 Surface Pumps	73 Compressor	-	-	-	5,833	5,8
16 Downhole Pumps		_	-			
7 Measurement & Meter Installation   -   -   116,667   116,67		_			61,667	61,6
Seconditioning   Dehydration		ntion _			116.667	116.6
10 Gathering / Bulk Lines	8 Gas Conditioning/Dehydrati	on -	-	-		-
Nalves, Dumps, Controllers   -   18,333   18,33   18		g	-	-	20,000	20,0
12 Tank / Facility Containment   -		_			108.333	108.3
Stack	32 Tank / Facility Containment	-	<del>-</del>	-		
Stommunications   SCADA	33 Flare Stack	-	-			
State   Stat		_	-	-	,	
TOTAL TANGIBLES   1,191,410   0   989,167   2,180,5     TOTAL COSTS   4,588,916   5,185,507   1,761,334   11,535,2     PARED BY Permian Resources Operating, LLC:    Drilling Engineer: PS   Completions Engineer: ML   Production Engineer: DC     Itian Resources Operating, LLC APPROVAL:    Co-CEO		=				
TOTAL COSTS > 4,588,916 5,185,507 1,761,334 11,535,7  PARED BY Permian Resources Operating, LLC:  Drilling Engineer: PS Completions Engineer: ML Production Engineer: DC  NOP-Land & Legal WH VP - Geosciences BG SO  NOPERATING PARTNER APPROVAL:  Company Name: Working Interest (%): Tax ID:	o instrumentation, surety	TOTAL TANGIBLES >	1.191.410	- 0		
PARED BY Permian Resources Operating, LLC:  Drilling Engineer: PS Completions Engineer: ML Production Engineer: DC  Drilling Engineer: ML Production Engineer: ML Production Engineer: DC  DIAM Resources Operating, LLC APPROVAL:  CO-CEO				5,185,507		
Drilling Engineer: PS Completions Engineer: ML Production Engineer: DC  Main Resources Operating, LLC APPROVAL:  CO-CEO						
Completions Engineer: ML Production Engineer: DC  Name Resources Operating, LLC APPROVAL:  Co-CEO VP - Operations WH VP - Land & Legal BG VP - Geosciences SO  VOPERATING PARTNER APPROVAL:  Company Name: Working Interest (%): Tax ID:	PAKED BY Permian Resourc	es Operating, LLC:				
Production Engineer: DC  tian Resources Operating, LLC APPROVAL:  CO-CEO						
Co-CEO VP - Operations  VP - Land & Legal BG VP - Geosciences  VOPERATING PARTNER APPROVAL:  Company Name: Working Interest (%): Tax ID:						
Co-CEO	Production Engineer:	DC				
VP - Land & Legal VP - Geosciences  BG SO  I OPERATING PARTNER APPROVAL:  Company Name: Working Interest (%): Tax ID:	ian Resources Operating, LI	LC APPROVAL:				
VP - Land & Legal VP - Geosciences  BG SO  I OPERATING PARTNER APPROVAL:  Company Name: Working Interest (%): Tax ID:	Co-CEO		Co-C	EO	VP - Opera	ntions
I OPERATING PARTNER APPROVAL:  Company Name: Working Interest (%): Tax ID:	_	WH		JW	•	
N OPERATING PARTNER APPROVAL:  Company Name: Working Interest (%): Tax ID:	VP - Land & Legal		VP - Geoscien			
Company Name:         Working Interest (%):		BG		SO		
Company Name:         Working Interest (%):		nnn 0.1				
	OPERATING PARTNER A	PPROVAL:				
Signed by: Date:	Company Name:			Working Interest (%):	Ta	ax ID:

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Permian Resources Operating, LLC 300 N. Marienfeld St., Ste. 1000 Midland, TX 79701 Phone (432) 695-4222 • Fax (432) 695-4063

DATE:	2.17.2023		ORIZATION FOR EXPEND	AFE NO.:	1
VELL NAME:	Joker 5-8 Federal Com 11	14H		FIELD:	Teas; Bone Spring
OCATION:	Section 5, T20S-R34E	1411		MD/TVD:	19,901' / 9,616'
OUNTY/STATE:	Lea County, New Mexico	0		LATERAL LENGTH:	10,000'
ermian WI:	zea county) iven mene			DRILLING DAYS:	19.6
EOLOGIC TARGET:	FBSG			COMPLETION DAYS:	18.6
Lologic Timoli.		well and complete with	1 44 stages. AFE includes	_	
EMARKS:	install cost				
INTANGIBLE	COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
Land/Legal/Regulatory	\$	52,768		37,500	\$ 90,268
Location, Surveys & Dama Freight / Transportation	iges	257,363 42,549	16,141 39,110	2,500 25,000	276,003 106,660
Rental - Surface Equipme		111,070	192,448	105,000	408,518
Rental - Downhole Equip	ment	183,520	53,429	-	236,949
Rental - Living Quarters Directional Drilling, Surv	rionio.	42,956 383,743	48,671	-	91,627 383,743
l Drilling	veys	6/3,443			6/3,443
2 Drill Bits		89,495	-		89,495
3 Fuel & Power		168,789	647,751		816,540
Cementing & Float Equip Completion Unit, Swab,		217,354	-	15,000	217,354 15,000
Perforating, Wireline, Sli		<del></del>	351,218	13,000	351,218
High Pressure Pump Tru			110,130		110,130
3 Completion Unit, Swab,		-	130,865		130,865
) Mud Circulation System		93,991	-	-	93,991
1 Mud Logging 2 Logging/Formation Eval	luation	15,660 6,495	7,450	-	15,660 13,944
3 Mud & Chemicals		323,254	391,463	10,000	724,717
4 Water		38,825	591,078	225,000	854,903
5 Stimulation		-	727,236	-	727,236
6 Stimulation Flowback &		172,514	108,640 54,630	150,000	258,640 227,144
8 Mud / Wastewater Dispo: 0 Rig Supervision / Engine		108,273	119,194	21,667	249,134
2 Drlg & Completion Over		9,312	-		9,312
5 Labor		137,006	62,080	101,667	300,753
4 Proppant			1,121,387	-	1,121,387
5 Insurance 7 Contingency		13,096	21,817	3,833	13,096 25,650
9 Plugging & Abandonmer	nt			-	
	TOTAL INTANGIBLES >	3,141,476	4,794,736	697,167	8,633,379
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE (		COSTS	COSTS	COSTS	COSTS
U Surface Casing I Intermediate Casing	\$	109,201 307,574			\$ 109,201 307,574
2 Drilling Liner		307,374			307,374
3 Production Casing		613,783	-		613,783
4 Production Liner		-	-	-	-
5 Tubing			-	140,000	140,000
5 Wellhead 7 Packers, Liner Hangers		57,908 13,161		20,000	97,908 33,161
8 Tanks		13,161		45,833	45,833
9 Production Vessels		-	-	126,667	126,667
0 Flow Lines		-	-	66,667	66,667
1 Rod string		-	-	-	
2 Artificial Lift Equipment 3 Compressor		<del></del>		90,000 5,833	90,000 5,833
4 Installation Costs				-	-
5 Surface Pumps			-	61,667	61,667
6 Downhole Pumps		-	-	-	-
7 Measurement & Meter In 8 Gas Conditioning/Dehy				116,667	116,667
9 Interconnecting Facility I		<del></del>		20,000	20,000
Gathering / Bulk Lines	1 0		-	-	-
l Valves, Dumps, Controll		-	-	108,333	108,333
2 Tank / Facility Containm 3 Flare Stack	ent		-	43,333 16,667	43,333 16,667
4 Electrical / Grounding				50,000	50,000
Communications / SCAD	)A		-	36,667	36,667
6 Instrumentation / Safety		-	-	853	853
	TOTAL TANGIBLES >	1,101,627	0	989,187	2,090,81
	TOTAL COSTS >	4,243,103	4,794,736	1,686,354	10,724,19
ARED RV Pormian Ros	ources Operating, LLC:				
Drilling Enginee					
Completions Enginee					
Production Enginee	er: DC				
ian Resources Operatin	g, LLC APPROVAL:				
Co-CE		Co-C	EO	VP - Opera	tions
	WH		JW		CRM
VP - Land & Leg	al	VP - Geoscien	ices		
	BG		SO		
OPERATING PARTN	ER APPROVAL:				
Company Nam	e:		Working Interest (%):	Ta	ıx ID:
Signed by			Date:		
Signed D	<i>y</i>		Date.		
			_		

		JF COSTS AND AUTHO	ORIZATION FOR EXPENDI		
	2.17.2023			AFE NO.:	1
	Joker 5-8 Federal Com 12	7H		FIELD:	Teas; Bone Spring
	Section 5, T20S-R34E			MD/TVD:	20,286' / 10,571'
	Lea County, New Mexico	)		LATERAL LENGTH:	10,000'
Permian WI: GEOLOGIC TARGET:	SBSG			DRILLING DAYS: COMPLETION DAYS:	19.6 18.6
		call and complete with		_	
	install cost	rell and complete with	n 44 stages. AFE includes o	Iriling, completions, 11	OWBACK AND INITIAL AL
INTANGIBLE C	OSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
l Land/Legal/Regulatory 2 Location, Surveys & Damage	es	54,351 265,083	16,625	37,500 2,500	\$ 91,851 284,208
Freight / Transportation		43,826	40,284	25,000	109,110
Rental - Surface Equipment Rental - Downhole Equipme		114,402 189,026	198,221 55,031	105,000	417,624 244,057
Rental - Downnole Equipme Rental - Living Quarters	- nt	44,244	50,131		94,375
0 Directional Drilling, Survey	ys .	395,255	-	-	395,255
1 Drilling 2 Drill Bits	-	693,647			693,647 92,179
3 Fuel & Power	-	173,853	667,183	-	841,036
4 Cementing & Float Equip		223,875	-	-	223,875
5 Completion Unit, Swab, CI 6 Perforating, Wireline, Slick			361,/54	15,000	15,000 361,754
7 High Pressure Pump Truck		-	113,434		113,434
8 Completion Unit, Swab, CT			134,791	-	134,791
20 Mud Circulation System 21 Mud Logging	-	96,811 16,130			96,811 16,130
21 Mud Logging 22 Logging/Formation Evalua	ation -	6,690	7,673		14,363
23 Mud & Chemicals		332,951	403,207	10,000	746,158
24 Water 25 Stimulation	-	39,990	608,810 749,053	250,000	898,800 749,053
25 Stimulation 26 Stimulation Flowback & Di	isp	<del></del>	111,899	150.000	261,899
28 Mud/Wastewater Disposal	· ·	177,689	56,269	-	233,959
30 Rig Supervision / Engineer		9,591	122,769	21,667	255,958 9,591
32 Drlg & Completion Overhe 35 Labor	au -	141,116	63,942	101,667	306,725
54 Proppant	-	-	1,155,029	-	1,155,029
95 Insurance		13,489		3,833	13,489
97 Contingency 99 Plugging & Abandonment	-		22,472	3,833	26,305
	TOTAL INTANGIBLES >	3,235,720	4,938,578	722,167	8,896,465
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE CO	ISTS	COSTS	COSTS	COSTS	COSTS
60 Surface Casing	\$	112,477	-	-	\$ 112,477
61 Intermediate Casing		316,801	-		316,801
52 Drilling Liner 53 Production Casing		632,196			632,196
64 Production Liner	-	-			
65 Tubing		-	-	140,000	140,000
66 Wellhead 67 Packers, Liner Hangers		59,645 13,556		40,000 20,000	99,645 33,556
68 Tanks	-	-		20,000	- 35,550
69 Production Vessels		-		45,833	45,833
70 Flow Lines 71 Rod string				126,667	126,667
72 Artificial Lift Equipment	-	<del></del>		90,000	90,000
73 Compressor	•	-	-	5,833	5,833
74 Installation Costs 75 Surface Pumps				61,667	61,667
76 Downhole Pumps	-	<del></del>		01,007	
77 Measurement & Meter Insta		-	-	116,667	116,667
78 Gas Conditioning/ Dehydr 79 Interconnecting Facility Pip				20,000	20,000
80 Gathering / Bulk Lines	ing .	<del></del>	<del></del>	20,000	20,000
81 Valves, Dumps, Controllers		-	-	108,333	108,333
82 Tank / Facility Containmen	t	-	-	43,333	43,333
83 Flare Stack 84 Electrical / Grounding	-		<del></del>	16,667 50,000	16,667 50,000
				36,667	36,667
85 Communications / SCADA	•			0.0,000	833
85 Communications / SCADA	-			833	
35 Communications / SCADA	TOTAL TANGIBLES >	1,134,676	0	989,167	2,123,843
	TOTAL TANGIBLES > TOTAL COSTS >	1,134,676 4,370,396	0 4,938,578	833	
85 Communications / SCADA	TOTAL COSTS >			989,167	2,123,843
55 Communications / SCADA 56 Instrumentation / Safety PARED BY Permian Resou	TOTAL COSTS >			989,167	2,123,843
85 Communications / SCADA 86 Instrumentation / Safety	TOTAL COSTS >			989,167	2,123,843
5 Communications / SCADA 6 Instrumentation / Safety PARED BY Permian Resor Drilling Engineer:	TOTAL COSTS > urces Operating, LLC: PS			989,167	2,123,843
15 Communications / SCADA 16 Instrumentation / Safety  PARED BY Permian Resot  Drilling Engineer: Completions Engineer: Production Engineer:	TOTAL COSTS>  urces Operating, LLC:  PS ML DC			989,167	2,123,843
15 Communications / SCADA 16 Instrumentation / Safety  PARED BY Permian Resou  Drilling Engineer: Completions Engineer: Production Engineer:	TOTAL COSTS>  urces Operating, LLC:  PS ML DC	4,370,396	4,938,578	833 989,167 1,711,334	2,123,843 11,020,308
15 Communications / SCADA 16 Instrumentation / Safety  PARED BY Permian Resot  Drilling Engineer: Completions Engineer: Production Engineer:	TOTAL COSTS>  urces Operating, LLC:  PS ML DC  LLC APPROVAL:		4,938,578	989,167	2,123,843 11,020,308
55 Communications / SCADA 56 Instrumentation / Safety  PARED BY Permian Resor  Drilling Engineer: Completions Engineer: Production Engineer: atian Resources Operating,  Co-CEO	TOTAL COSTS>  urces Operating, LLC:  PS ML DC	4,370,396	4,938,578  4,938,578  EO	833 989,167 1,711,334	2,123,843 11,020,308
St Communications / SCADA Stonard By Permian Resou Drilling Engineer: Completions Engineer: Production Engineer: In an Resources Operating,	TOTAL COSTS>  urces Operating, LLC:  PS ML DC  LLC APPROVAL:	4,370,396	4,938,578  4,938,578  EO	833 989,167 1,711,334	2,123,843 11,020,308
St Communications / St CADA 86 Instrumentation / Safety  PARED BY Permian Resort  Drilling Engineer: Completions Engineer: Production Engineer: nian Resources Operating,  Co-CEO	TOTAL COSTS>  urces Operating, LLC:  PS MI. DC  LLC APPROVAL:	4,370,396	4,938,578  4,938,578  EO	833 989,167 1,711,334	2,123,843 11,020,308
95 Communications / SCADA 96 Instrumentation / Safety PARED BY Permian Resou Drilling Engineer: Completions Engineer: Production Engineer: nian Resources Operating, Co-CEO VP - Land & Legal	TOTAL COSTS>  urces Operating, LLC:  PS ML DC  LLC APPROVAL:  WH BG	4,370,396	4,938,578  4,938,578  EO	833 989,167 1,711,334	2,123,843 11,020,308
PARED BY Permian Resor  Parent By Permian Resor  Drilling Engineer: Completions Engineer: Production Engineer: VP-Land & Legal  N OPERATING PARTNER	TOTAL COSTS>  urces Operating, LLC:  PS ML DC  LLC APPROVAL:  WH BG	4,370,396	4,938,578  EEO	833 989,167 1,711,334	2,123,843 11,020,308
PARED BY Permian Resort  Prilling Engineer: Completions Engineer: Production Engineer: Production Engineer: Outper Engineer: VP - Land & Legal	TOTAL COSTS>  urces Operating, LLC:  PS ML DC  LLC APPROVAL:  WH BG	4,370,396	4,938,578  4,938,578  EO	833 989,167 1,711,334	2,123,843 11,020,308
PARED BY Permian Resor  Parent By Permian Resor  Drilling Engineer: Completions Engineer: Production Engineer: VP-Land & Legal  N OPERATING PARTNER	TOTAL COSTS>  urces Operating, LLC:  PS ML DC  LLC APPROVAL:  WH BG	4,370,396	4,938,578  EEO	833 989,167 1,711,334	2,123,843 11,020,308

No (mark one)

DATE:	2.17.2023		ORIZATION FOR EXPEND		1
		12011		AFE NO.: FIELD:	
/ELL NAME:	Joker 5-8 Federal Com	12811			Teas; Bone Spring
OCATION:	Section 5, T20S-R34E			MD/TVD:	20,256' / 9,961'
OUNTY/STATE:	Lea County, New Mexi	co		LATERAL LENGTH:	10,000'
ermian WI:	cncc			DRILLING DAYS:	19.6
EOLOGIC TARGET:	SBSG	<del></del>		COMPLETION DAYS:	18.6
EMARKS:	Drill a horizontal SBSG install cost	well and complete with	1 44 stages. AFE includes	drilling, completions, flo	owback and Initial AL
INTANGIBL	E COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
Land / Legal / Regulatory	E COS15	\$ 54,351	-	37,500	\$ 91,851
Location, Surveys & Dam	ages	265,083	16,625	2,500	284,208
Freight / Transportation		43,826	40,284	25,000	109,110
Rental - Surface Equipme Rental - Downhole Equip		114,402 189,026	198,221 55,031	105,000	417,624 244,057
Rental - Living Quarters	ment	44,244	50,131		94,375
Directional Drilling, Su	veys	395,255		-	395,255
Drilling		693,647	-	-	693,647
l Drill Bits Fuel & Power		92,179	667,183		92,179 841,036
Cementing & Float Equi	р	223,875	007,103		223,875
Completion Unit, Swab,			-	15,000	15,000
Perforating, Wireline, Sl		-	361,754	-	361,754
High Pressure Pump Tri			113,434	-	113,434
Completion Unit, Swab, Mud Circulation System		96,811	154,791		96,811
Mud Logging	•	16,130		-	16,130
2 Logging/Formation Eva	luation	6,690	7,673	-	14,363
3 Mud & Chemicals 4 Water		332,951	403,207	10,000	746,158
Stimulation		39,990	608,810 749,053	250,000	898,800 749,053
Stimulation Flowback &	Disp		111.899	150,000	261,899
Mud/Wastewater Dispo		177,689	56,269	-	233,959
Rig Supervision / Engin		111,522	122,769	21,667	255,958
2 Drlg & Completion Ove 5 Labor	rhead	9,591 141,116	63,942	101,667	9,591 306,725
Proppant		141,110	1,155,029	101,007	1,155,029
5 Insurance		13,489	-	-	13,489
7 Contingency		-	22,472	3,833	26,305
Plugging & Abandonme		-	-	-	
	TOTAL INTANGIBLES	> 3,235,720	4,938,578	722,167	8,896,46
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE	COSTS	COSTS	COSTS	COSTS	COSTS
Surface Casing		\$ 112,477		-	\$ 112,477
I Intermediate Casing		316,801			316,801
2 Drilling Liner 3 Production Casing		632,196			632,196
Production Liner				-	-
5 Tubing			-	140,000	140,000
Wellhead		59,645	-	40,000	99,645
7 Packers, Liner Hangers 3 Tanks		13,556		20,000	33,556
Production Vessels				45,833	45,833
) Flow Lines			-	126,667	126,667
1 Rod string		-	-	66,667	66,667
2 Artificial Lift Equipmen	t	-	-	90,000	90,000
Compressor Installation Costs				5,833	5,833
Surface Pumps				61,667	61,667
Downhole Pumps			-		-
7 Measurement & Meter I			-	116,667	116,667
8 Gas Conditioning/Deh 9 Interconnecting Facility				20,000	20,000
Gathering / Bulk Lines	Tiping	<del></del>	<del></del> _	20,000	20,000
l Valves, Dumps, Control	lers		-	108,333	108,333
2 Tank / Facility Contains	nent	-	-	43,333	43,333
Flare Stack		-	-	16,667	16,667
Electrical / Grounding Communications / SCAl	24			50,000 36,667	36,667
6 Instrumentation / Safety				833	833
, ,	TOTAL TANGIBLES	> 1,134,676	0	989,167	2,123,84
	TOTAL COSTS		4,938,578	1,711,334	11,020,30
A DED DV Dormion Do	courses Onesating IIC				
ARED DI FEIMIAN KE	sources Operating, LLC:				
Drilling Engine	er: PS				
Completions Engine	er: ML				
Production Engine	er: DC				
an Resources Operati	ng, LLC APPROVAL:				
Co-Cl	30.	Co-C	FO	VP - Opera	ations
20-21	WH	20-0	JW	vi - Opera	CRM
VP - Land & Le		VP - Geoscier	,		
	BG		SO		
OPERATING PARTN	ER APPROVAL:				
Company Nan	ne:		Working Interest (%):	Ta	ax ID:
Signed 1	ov:		Date:		
	*				
	_		_	- · · ·	

No (mark one)

		F COSTS AND AUTHO	ORIZATION FOR EXPENDI	TURE	
DATE:	2.17.2023			AFE NO.:	1
WELL NAME:	Joker 5-8 Federal Com 17-	4H		FIELD:	Teas; Bone Spring
LOCATION: COUNTY/STATE:	Section 5, T20S-R34E Lea County, New Mexico			MD/TVD: LATERAL LENGTH:	20,701' / 10,416' 10,000'
Permian WI:	Lea County, INEW IVIENCE	·		DRILLING DAYS:	19.6
GEOLOGIC TARGET:	TBSG		(	COMPLETION DAYS:	18.6
	Drill a horizontal TBSG w	vell and complete with	h 44 stages. AFE includes o	_	
REMARKS:	install cost	PREVIO	CC MATTERON	PRODUCTION	TOTAL
INTANGIBLE	COSTS	DRILLING COSTS	COMPLETION	PRODUCTION COSTS 37,500	TOTAL COSTS
Location, Surveys & Damas	iges	2/1,852	17,050	2,500	291,402
Freight / Transportation	-	44,945	41,312	25,000	111,257
Rental - Surface Equipmen Rental - Downhole Equipm		117,323 193,853	203,283 56,437	105,000	425,606 250,289
Rental - Living Quarters	-	45,374	51,411		96,785
Directional Drilling, Surv	/eys	405,348	-	-	405,348
l Drilling 2 Drill Bits	-	711,359 94,533			711,359 94,533
3 Fuel & Power	-	178,292	684,220	-	862,512
4 Cementing & Float Equip		229,592	-	-	229,592
5 Completion Unit, Swab, C 6 Perforating, Wireline, Slic		<del></del>	370,992	15,000	15,000 370,992
7 High Pressure Pump Truc	ck		116,330	-	116,330
8 Completion Unit, Swab, C	CTU		138,232	-	138,232
0 Mud Circulation System 1 Mud Logging		99,283 16,542			99,283 16,542
2 Logging/Formation Evalu	uation	6,860	7,869	-	14,729
3 Mud & Chemicals	- -	341,453	413,503	10,000	764,956
24 Water 25 Stimulation	-	41,011	624,356 768,180	300,000	965,367 768,180
25 Stimulation 26 Stimulation Flowback & I	Disp	-	114,757	150,000	264,757
28 Mud / Wastewater Dispos	sal	182,227	57,706	-	239,933
30 Rig Supervision/Enginee 32 Drlg & Completion Overh		114,369 9,836	125,904	21,667	261,941 9,836
32 Drig & Completion Overn 35 Labor	nead	144,719	65,575	101,667	311,961
54 Proppant	- -	<del></del> -	1,184,522	-	1,184,522
95 Insurance	-	13,834	72 (45	3,833	13,834
97 Contingency 99 Plugging & Abandonmen	ıt -	<del>-</del>	23,045	3,833	26,878
	TOTAL INTANGIBLES >	3,318,344	5,064,685	772,167	9,155,196
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE C		COSTS	COSTS	COSTS	COSTS
60 Surface Casing 61 Intermediate Casing	\$_	115,349 324,891			\$ 115,349 324,891
62 Drilling Liner	-	-		-	-
63 Production Casing	-	648,340	-		648,340
64 Production Liner 65 Tubing	-	<del>-</del>		140,000	140,000
66 Wellhead	-	61,169	-	40,000	101,169
67 Packers, Liner Hangers 68 Tanks		13,902	-	20,000	33,902 45,833
68 Tanks 69 Production Vessels	-			45,833 126,667	45,833
70 Flow Lines	-			66,667	66,667
71 Rod string	-	-	-	-	-
72 Artificial Lift Equipment 73 Compressor	-	<del>-</del>		90,000 5,833	90,000
74 Installation Costs	-				-
75 Surface Pumps	-	-	-	61,667	61,667
76 Downhole Pumps 77 Measurement & Meter Ins	stallation .			116,667	116,667
77 Measurement & Meter Ins 78 Gas Conditioning/ Dehyo					-
79 Interconnecting Facility P	iping	-	-	20,000	20,000
80 Gathering / Bulk Lines 81 Valves, Dumps, Controlle	ers .			108,333	108,333
82 Tank / Facility Containme				43,333	43,333
83 Flare Stack	-	-	-	16,667	16,667
84 Electrical / Grounding 85 Communications / SCAD				50,000 36,667	50,000 36,667
86 Instrumentation / Safety	-			833	833
	TOTAL TANGIBLES >	1,163,650	0	989,167	2,152,817
	TOTAL COSTS >	4,481,994	5,064,685	1,761,334	11,308,013
PARED BY Permian Reso	ources Operating IIC				
Drilling Engineer					
Completions Engineer					
Production Engineer	r: DC				
nian Resources Operating	g, LLC APPROVAL:				
Co-CEC		Co-C	o-CEO VP - Operations		
	WH		JW		CRM
VP - Land & Lega	al	VP - Geoscien	nces		
	BG		SO		
N OPERATING PARTNE	ER APPROVAL:				
Company Name	e:		Working Interest (%):	Ta	x ID:
Signed by	v.		Date:		
					_
Title			A	Yes	No (mark one)

No (mark one)

Permian Resources Operating, LLC 300 N. Marienfeld St., Ste. 1000 Midland, TX 79701 Phone (432) 695-4222 • Fax (432) 695-4063

DATE:	2.17.2023			AFE NO.:	1
VELL NAME:	Joker 5-8 Federal Com	19411		FIELD:	Teas; Bone Spring
OCATION:	Section 5, T20S-R34E	13411		MD/TVD:	21,106' / 10,821'
OUNTY/STATE:				LATERAL LENGTH:	10,000'
ermian WI:	Lea County, New Mexi	CO		DRILLING DAYS:	19.6
EOLOGIC TARGET:	TBSG			COMPLETION DAYS:	18.6
EULUGIC TARGET:			44 -t AEE to J. J	_	
EMARKS:	install cost	weii and complete with	n 44 stages. AFE includes	drilling, completions, n	owback and fillial AL
INTANGIBL	E COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
Land / Legal / Regulatory		\$ 57,069	-	37,500	\$ 94,569
Location, Surveys & Dam	ages	2/8,338	17,456 42,298	2,500 25,000	298,294 113,315
Freight / Transportation Rental - Surface Equipme	ent	120,122	208,133	105,000	433,255
Rental - Downhole Equip		198,477	57,783		256,260
Rental - Living Quarters		46,457	52,637	-	99,094
Directional Drilling, Sur Drilling	rveys	415,018 728,329			415,018 728,329
Drill Bits		96,788			96,788
Fuel & Power		182,546	700,542		883,088
Cementing & Float Equi		235,069	-	- A = 7000	235,069
Completion Unit, Swab, Perforating, Wireline, Sl			3/9,842	15,000	15,000 379,842
High Pressure Pump Tri			119,106	-	119,100
Completion Unit, Swab,	CTU		141,530		141,530
Mud Circulation System	ı	101,651	-	-	101,651
Mud Logging Logging/Formation Eva	duation	16,936 7,024	8,057		16,936
Mud & Chemicals		349,599	423,367	10,000	782,966
Water		41,989	639,251	300,000	981,240
Stimulation		-	786,506	-	786,506
5 Stimulation Flowback & 3 Mud/Wastewater Disp		186,574	117,494 59,083	150,000	267,494 245,657
Rig Supervision / Engin		117,098	128,908	21,667	267,67
2 Drlg & Completion Ove		10,071	-		10,07
5 Labor		148,172	67,140	101,667	316,97
4 Proppant 5 Insurance		14,164	1,212,780	-	1,212,780
7 Contingency		14,104	23,595	3,833	27,428
Plugging & Abandonme	ent		-		
	TOTAL INTANGIBLES	> 3,397,506	5,185,507	772,167	9,355,18
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE	COSTS	COSTS	COSTS	COSTS	COSTS
Surface Casing		\$ 118,101	-	-	\$ 118,10
l Intermediate Casing		332,642	-	-	332,642
2 Drilling Liner 3 Production Casing		663,806			663,800
4 Production Liner		- 003,000			
5 Tubing			-	140,000	140,000
6 Wellhead		62,628	-	40,000	102,62
7 Packers, Liner Hangers 8 Tanks		14,234	-	20,000	34,234 45.833
9 Production Vessels				45,833 126,667	126,667
0 Flow Lines				66,667	66,66
I Rod string		-	-	-	-
2 Artificial Lift Equipmen 3 Compressor	t	-		90,000	90,000
I Installation Costs				3,833	3,633
Surface Pumps				61,667	61,667
Downhole Pumps			-		-
7 Measurement & Meter I		-	-	116,667	116,663
3 Gas Conditioning/Deh 9 Interconnecting Facility				20,000	20,000
Gathering / Bulk Lines	тіршд			20,000	20,000
l Valves, Dumps, Control	lers			108,333	108,333
2 Tank / Facility Contains	nent	-	-	43,333	43,333
Flare Stack				16,667 50,000	16,662
l Electrical / Grounding 5 Communications / SCAI	OA.	<del></del>		36,667	36,66
6 Instrumentation / Safety			-	833	83.
	TOTAL TANGIBLES	> 1,191,410	0	989,167	2,180,57
	TOTAL COSTS	> 4,588,916	5,185,507	1,761,334	11,535,75
ARED BY Permian Re	sources Operating, LLC:				
Drilling Engine Completions Engine					
Production Engine					
1 Toddetion Engine	a. De				
an Resources Operati	ng, LLC APPROVAL:				
Co-Cl		Co-C	TEO	VP - Oper	
	WH		JW		CRM
VP - Land & Le		VP - Geoscier			
	BG		SO		
OPERATING PARTN	ER APPROVAL:				
Company Nan	ne:		Working Interest (%):	T	ax ID:
Signed 1	ov:		Date:	_	
o.b.icu i	· · ·		2544		

No (mark one)

Title:

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#### Permian Resources Operating, LLC

300 N. Marienfeld St., Ste. 1000 Midland, TX 79701 Phone (432) 695-4222 • Fax (432) 695-4063

	ESTIMATE	OF COSTS AND AUTIK	ORIZATION FOR EXPEND	ITURE	
DATE:	2.17.2023			AFE NO.:	1
WELL NAME:	Joker 5-8 Federal Com 2	01H		FIELD:	Tonto; Wolfcamp
LOCATION:	Section 5, T20S-R34E			MD/TVD:	21,211' / 10,926'
COUNTY/STATE:	Lea County, New Mexic	0		LATERAL LENGTH:	10,000'
Permian WI: GEOLOGIC TARGET:	WCXY			DRILLING DAYS: COMPLETION DAYS:	19.6
GEOLOGIC TARGET.		well and complete wit	th 44 stages. AFE includes		
REMARKS:	AL install cost				
INTANGIBLE O	COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
1 Land / Legal / Regulatory	5	59,066		37,500	\$ 96,566
2 Location, Surveys & Damag 4 Freight / Transportation	es	288,079 47,628	18,067 43,778	2,500 25,000	308,647 116,406
5 Rental - Surface Equipment		124,327	215,417	105,000	444,744
6 Rental - Downhole Equipme	ent	205,424	59,805	-	265,229
7 Rental - Living Quarters 10 Directional Drilling, Surve	vs	48,083 429,543	54,480	-	102,562 429,543
11 Drilling	,,	753,820			753,820
12 Drill Bits		100,176	-	-	100,176
13 Fuel & Power 14 Cementing & Float Equip		188,935 243,296	725,061	-	913,996 243,296
15 Completion Unit, Swab, C	ΓU	-	-	15,000	15,000
16 Perforating, Wireline, Slick			393,136		393,136
17 High Pressure Pump Truck 18 Completion Unit, Swab, C		-	123,274 146,484	-	123,274 146,484
20 Mud Circulation System	10	105,209	140,404		105,209
21 Mud Logging		17,529	-		17,529
22 Logging / Formation Evalu	ation	7,270	8,339 438,185	70.000	15,609
23 Mud & Chemicals 24 Water		361,835 43,459	438,185	10,000 300,000	810,020 1,005,083
25 Stimulation		-	814,033	-	814,033
26 Stimulation Flowback & D		-	121,606	150,000	2/1,606
28 Mud / Wastewater Disposa 30 Rig Supervision / Engineer		193,104 121,196	61,151	21,667	254,254 276,283
32 Drlg & Completion Overh		10,423	155/120		10,423
35 Labor		153,358	69,489	101,667	324,514
54 Proppant 95 Insurance		14,660	1,255,227	-	1,255,227 14,660
97 Contingency		14,000	24,421	3,833	28,254
99 Plugging & Abandonment		-			
	TOTAL INTANGIBLES >	3,516,419	5,367,000	772,167	9,655,585
TANGIBLE CO	OSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
60 Surface Casing		122,234			\$ 122,234
61 Intermediate Casing 62 Drilling Liner		344,284		-	344,284
63 Production Casing		687,039			687,039
64 Production Liner		-	-	-	
65 Tubing 66 Wellhead		64,820		140,000 40,000	140,000 104,820
67 Packers, Liner Hangers		14,732		20,000	34,732
68 Tanks			-	45,833	45,833
69 Production Vessels 70 Flow Lines				126,667	126,667 66,667
71 Rod string				-	-
72 Artificial Lift Equipment		-	-	90,000	90,000
73 Compressor 74 Installation Costs				5,833	5,833
75 Surface Pumps				61,667	61,667
76 Downhole Pumps		-	-	-	
77 Measurement & Meter Inst		-	-	116,667	116,667
78 Gas Conditioning / Dehyd: 79 Interconnecting Facility Pi		<del></del>		20,000	20,000
80 Gathering / Bulk Lines		-		-	-
81 Valves, Dumps, Controller		-	-	108,333	108,333
82 Tank / Facility Containmer 83 Flare Stack	ıt .			43,333 16,667	43,333 16,667
84 Electrical / Grounding				50,000	50,000
85 Communications / SCADA		-	-	36,667	36,667
86 Instrumentation / Safety	TOTAL TANCIBLES.	4 222 400	-	833	833
	TOTAL TANGIBLES >		5,367,000	989,167 1,761,334	2,222,276 11,877,862
		277 277320	5,507,600	2// 02/001	11/077/002
EPARED BY Permian Reso					
Drilling Engineer:					
Completions Engineer:	ML				
	DC				
Production Engineer:					
mian Resources Operating					
		Co-C		VP - Opera	
rmian Resources Operating	WH	Co-C VP - Geoscien	JW	VP - Opera	CRM
mian Resources Operating	WH		JW	VP - Opera	
rmian Resources Operating  Co-CEO  VP - Land & Legal	WH BG		JW	VP - Opera	
mian Resources Operating  Co-CEO  VP - Land & Legal  DN OPERATING PARTNE	WH BG R APPROVAL:		ces SO		CRM
rmian Resources Operating  Co-CEO  VP - Land & Legal	WH BG R APPROVAL:		JW		
mian Resources Operating  Co-CEO  VP - Land & Legal  DN OPERATING PARTNE	WH BG R APPROVAL:		ces SO		CRM
Co-CEO  VP - Land & Legal  ON OPERATING PARTNEI  Company Name:	BG R APPROVAL:		ces SO  Working Interest (%):	Ta	CRM

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#### Permian Resources Operating, LLC

300 N. Marienfeld St., Ste. 1000 Midland, TX 79701 Phone (432) 695-4222 • Fax (432) 695-4063

DATE.		T COSTO AND ACTIN	DRIZATION FOR EXPENDI		1
DATE: WELL NAME:	2.17.2023 Joker 5-8 Federal Com 202	2H		AFE NO.: FIELD:	Tonto; Wolfcamp
LOCATION:	Section 5, T20S-R34E			MD/TVD:	21,211' / 10,926'
COUNTY/STATE:	Lea County, New Mexico			LATERAL LENGTH:	10,000'
Permian WI:				DRILLING DAYS:	19.6
GEOLOGIC TARGET:	WCXY			COMPLETION DAYS:	19
REMARKS:	Drill a horizontal WCXY AL install cost	well and complete wi	th 44 stages. AFE includes	s drilling, completions, f	lowback and Initial
REMARKS:	AL IIIstali Cost				
INTANGIBLE	COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
1 Land / Legal / Regulatory 2 Location, Surveys & Dam	5	59,066 288,079	18,067	37,500 2,500	\$ 96,566 308,647
4 Freight / Transportation	ages -	47,628	43,778	25,000	116,406
5 Rental - Surface Equipme		124,327	215,417	105,000	444,744
6 Rental - Downhole Equip 7 Rental - Living Quarters	ment -	205,424 48,083	59,805 54,480		265,229 102,562
10 Directional Drilling, Sur	veys	429,543	-	-	429,543
11 Drilling 12 Drill Bits		753,820 100,176	-	-	753,820 100,176
13 Fuel & Power	-	188,935	725,061		913,996
14 Cementing & Float Equi		243,296		-	243,296
15 Completion Unit, Swab, 16 Perforating, Wireline, Sl		-	393,136	15,000	15,000 393,136
17 High Pressure Pump Tru		<del></del> _	123,274		123,274
18 Completion Unit, Swab,	CTU	-	146,484	-	146,484
20 Mud Circulation System 21 Mud Logging		105,209 17,529			105,209
22 Logging / Formation Eva	luation	7,270	8,339		15,609
23 Mud & Chemicals	-	361,835	438,185	10,000	810,020
24 Water 25 Stimulation	-	43,459	661,625 814,033	300,000	1,005,083 814,033
26 Stimulation Flowback &	Disp		121,606	150,000	2/1,606
28 Mud/Wastewater Dispo		193,104	61,151	-	254,254
30 Rig Supervision / Engine 32 Drlg & Completion Over		121,196	133,420	21,667	2/6,283
35 Labor	-	153,358	69,489	101,667	324,514
54 Proppant	-	-	1,255,227		1,255,227
95 Insurance 97 Contingency	-	14,660	24,421	3,833	14,660 28,254
99 Plugging & Abandonme	nt -	-		-	
	TOTAL INTANGIBLES >	3,516,419	5,367,000	772,167	9,655,585
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE 60 Surface Casing	COSTS	COSTS 122,234	COSTS	COSTS	COSTS \$ 122,234
61 Intermediate Casing	*-	344,284			344,284
62 Drilling Liner		-	-	-	-
63 Production Casing 64 Production Liner	-	687,039			687,039
65 Tubing	-			140,000	140,000
66 Wellhead		64,820	-	40,000	104,820
67 Packers, Liner Hangers 68 Tanks	-	14,732		20,000 45,833	34,732 45,833
69 Production Vessels	-			126,667	126,667
70 Flow Lines	-	-	-	66,667	66,667
71 Rod string 72 Artificial Lift Equipment				90,000	90,000
73 Compressor	-	-	-	5,833	5,833
74 Installation Costs	-	-	-	-	-
75 Surface Pumps 76 Downhole Pumps	-	-		61,667	61,667
77 Measurement & Meter II		-	-	116,667	116,667
78 Gas Conditioning / Dehy 79 Interconnecting Facility		-	-	20,000	20,000
80 Gathering / Bulk Lines	riping			20,000	20,000
81 Valves, Dumps, Controll		-		108,333	108,333
82 Tank / Facility Containm 83 Flare Stack	ent			43,333	43,333
84 Electrical / Grounding	-			50,000	50,000
85 Communications / SCAL	DA -		-	36,667	36,667
86 Instrumentation / Safety	TOTAL TANGIBLES >	1 222 100	- 0	833	2,222,276
	TOTAL TANGIBLES >	1,233,109 4,749,528	5,367,000	989,167 1,761,334	2,222,276
	TOTAL COSTS?	4,147,320	3,307,000	1,701,334	11,077,002
EPARED BY Permian Res	sources Operating, LLC:				
Drilling Engine	er: PS				
Completions Engineer					
Production Engine	er: DC				
nian Resources Operatir	ng, LLC APPROVAL:				
Co-CE	20	Co-C	FO	VD O	ations
CO-CE	WH	C0-C	IW	VP - Opera	CRM
VP - Land & Leg	ral	VP - Geoscier	,		
	BG		SO		
N OPERATING PARTN	ER APPROVAL:				
			Working Interest (%):	Ta	ax ID:
Company Nan	ne:				
Company Nam Signed b Tit	y:		Date:		No (mark one)

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# Permian Resources Operating, LLC 300 N. Marienfeld St., Ste. 1000 Midland, TX 79701

		OF COSTS AND AUTHO	ORIZATION FOR EXPEND	ITURE	
DATE:	2.17.2023			AFE NO.:	1
WELL NAME:	Joker 5-8 Federal Com 2	03H		FIELD:	Tonto; Wolfcamp
LOCATION:	Section 5, T20S-R34E			MD/TVD:	21,191' / 10,906'
COUNTY/STATE:	Lea County, New Mexic	0		LATERAL LENGTH:	10,000'
Permian WI:				DRILLING DAYS:	19.6
GEOLOGIC TARGET:	WCXY			COMPLETION DAYS:	19
		well and complete wi	th 44 stages. AFE include	s drilling, completions,	flowback and Initial
REMARKS:	AL install cost				
INTANGIBLE	COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
Land / Legal / Regulatory Location, Surveys & Dama	mes 5	59,066	18,067	37,500 2,500	\$ 96,566 308,647
Freight/Transportation	500	47,628	43,778	25,000	116,406
Rental - Surface Equipmen		124,327	215,417	105,000	444,/44
Rental - Downhole Equipn	ient	205,424	59,805	-	265,229
Rental - Living Quarters		48,083	54,480	-	102,562
0 Directional Drilling, Surv 1 Drilling	eys	429,543 753,820			429,543 753,820
2 Drill Bits		100,176			100,176
13 Fuel & Power		188,935	725,061	-	913,996
4 Cementing & Float Equip		243,296	-	-	243,296
5 Completion Unit, Swab, C		-	-	15,000	15,000
6 Perforating, Wireline, Slic 7 High Pressure Pump Truc			393,136 123,274		393,136 123,274
8 Completion Unit, Swab, C			146,484		146,484
20 Mud Circulation System		105,209	- 110/101		105,209
21 Mud Logging		17,529			17,529
22 Logging / Formation Eval	ıation	7,270	8,339	-	15,609
23 Mud & Chemicals		361,835	438,185	10,000	810,020
24 Water 25 Stimulation		43,459	661,625 814,033	300,000	1,005,083 814,033
25 Stimulation 26 Stimulation Flowback & l	Disp		121,606	150,000	271,606
28 Mud/Wastewater Dispos		193,104	61,151	- 130,000	254,254
30 Rig Supervision / Engine	ering	121,196	133,420	21,667	276,283
32 Drlg & Completion Overl	iead	10,423	-	-	10,423
35 Labor		153,358	69,489	101,667	324,514
54 Proppant 95 Insurance		14,660	1,255,227		1,255,227 14,660
95 Insurance 97 Contingency		14,000	24,421	3,833	28,254
99 Plugging & Abandonmen	t		27,721	3,000	20,234
00 0	TOTAL INTANGIBLES >	3,516,419	5,367,000	772,167	9,655,585
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE C	осте	COSTS	CONFLETION	COSTS	COSTS
00 Surface Casing	0313	122,234	-		\$ 122,234
51 Intermediate Casing	·	344,284			344,284
62 Drilling Liner		-	-	-	-
63 Production Casing		687,039	-	-	687,039
64 Production Liner		-	-	-	-
65 Tubing 66 Wellhead		64,820		140,000 40,000	140,000 104,820
67 Packers, Liner Hangers		14,732		20,000	34,732
68 Tanks				45,833	45,833
69 Production Vessels				126,667	126,667
70 Flow Lines		-	-	66,667	66,667
71 Rod string				90,000	90,000
72 Artificial Lift Equipment 73 Compressor				5,833	5,833
74 Installation Costs				-	-
75 Surface Pumps		-	-	61,667	61,667
76 Downhole Pumps		-	-	-	-
77 Measurement & Meter In		-	-	116,667	116,667
78 Gas Conditioning/Dehyo 79 Interconnecting Facility P				20,000	20,000
30 Gathering / Bulk Lines	iping			20,000	20,000
81 Valves, Dumps, Controlle	rs			108,333	108,333
82 Tank / Facility Containme				43,333	43,333
83 Flare Stack			-	16,667	16,667
84 Electrical / Grounding			-	50,000	50,000
85 Communications / SCAD. 86 Instrumentation / Safety	A			36,667 833	36,667 833
50 mstrumentation/ Sarety	TOTAL TANGIBLES >	1,233,109	- 0	989,167	2,222,276
	TOTAL TANGIBLES >		5,367,000	989,167 1,761,334	2,222,276
	TOTAL COSTS	4,749,528	5,307,000	1,/01,334	11,8//,802
PARED BY Permian Res	ources Operating, LLC:				
Drilling Engineer	r: PS				
Completions Engineer					
Production Engineer					
nian Resources Operating	z, LLC APPROVAL:				
Co-CEC	)	Co-C	CEO	VP - Oper	ations
	WH		JW		CRM
VP - Land & Lega	1	VP - Geoscier	nces		
	BG		SO		
I OPERATING PARTNE	R APPROVAL:				
			Manhine Int. 1993		ID.
N OPERATING PARTNE			Working Interest (%):	T	ax ID:
. ,	E		Working Interest (%):	T	ax ID:
	E			T	ax ID:

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# Permian Resources Operating, LLC 300 N. Marienfeld St., Ste. 1000 Midland, TX 79701 Phone (432) 695-4222 • Fax (432) 695-4063

ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE
---

DATE	2.17.2022			A EE NIC	1
DATE:	2.17.2023	AT.I		AFE NO.:	
WELL NAME:	Joker 5-8 Federal Com 204	<del>1</del> []		FIELD:	Tonto; Wolfcamp
LOCATION:	Section 5, T20S-R34E			MD/TVD:	21,181' / 10,896'
COUNTY/STATE:	Lea County, New Mexico			LATERAL LENGTH:	10,000'
Permian WI:				DRILLING DAYS:	19.6
GEOLOGIC TARGET:	WCXY			COMPLETION DAYS:	19
	Drill a horizontal WCXY	well and complete with	h 44 stages AFF includ	_	
REMARKS:	AL install cost	weir and complete with	ii 44 stages. 111 E friciuo	ics drining, completions, i	iowback and initial
		DRILLING	COMPLETION	PRODUCTION	TOTAL
INTANGIBLE C	COSTS	COSTS	COSTS	COSTS	COSTS
I Land / Legal / Regulatory	\$_	59,066		37,500	\$ 96,560
2 Location, Surveys & Damag	es	288,079	18,067	2,500	308,64.
4 Freight / Transportation	_	47,628	43,778	25,000	116,400
5 Rental - Surface Equipment		124,327	215,417	105,000	444,74
6 Rental - Downhole Equipme	ent _	205,424	59,805		265,229
7 Rental - Living Quarters	_	48,083	54,480	-	102,56
10 Directional Drilling, Surve	ys _	429,543		-	429,54
11 Drilling	_	753,820	-	-	753,820
12 Drill Bits 13 Fuel & Power	_	100,176 188,935	725,061		100,176 913,996
	_	243,296	723,001		243,290
14 Cementing & Float Equip	-	243,296		15,000	
15 Completion Unit, Swab, C			393,136	15,000	15,000 393,136
16 Perforating, Wireline, Slick 17 High Pressure Pump Truck			123,274		123,274
18 Completion Unit, Swab, C			146,484		146,484
20 Mud Circulation System	_	105,209	140,404		105,209
	-				
21 Mud Logging 22 Logging / Formation Evalu	ation	17,529			17,529
22 Logging / Formation Evalu	ation	7,270	8,339	10.000	15,609
23 Mud & Chemicals 24 Water	_	361,835	438,185	10,000 300,000	810,020
ar rruter	_	43,459	661,625	300,000	1,005,083
25 Stimulation	ion -	-	814,033	450,000	814,033
26 Stimulation Flowback & D		100 104	121,606	150,000	271,606
28 Mud / Wastewater Disposa		193,104 121,196	61,151 133,420	21,667	254,254 276,283
30 Rig Supervision / Engineer			133,420	21,667	
32 Drlg & Completion Overho	ead _	10,423	- CO 400	101 //7	10,423
35 Labor	_	153,358	69,489	101,667	324,514
54 Proppant	_	-	1,255,227		1,255,227
95 Insurance	_	14,660	24,421	3,833	14,660 28,254
97 Contingency	_		24,421	3,833	26,234
99 Plugging & Abandonment					
	TOTAL INTANGIBLES >	3,516,419	5,367,000	772,167	9,655,58
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE CO	OSTS	COSTS	COSTS	COSTS	COSTS
60 Surface Casing	\$	122,234	-	-	<b>\$</b> 122,234
61 Intermediate Casing	_	344,284	-	-	344,284
62 Drilling Liner	_	-	-	-	-
63 Production Casing	-	687,039	-	-	687,039
64 Production Liner	_	-	-	-	-
65 Tubing	_	-	-	140,000	140,000
66 Wellhead		64,820	-	40,000	104,820
67 Packers, Liner Hangers		14,732	-	20,000	34,732
68 Tanks	_	-		45,833	45,833
69 Production Vessels	_	-		126,667	126,667
70 Flow Lines		-	-	66,667	66,667
71 Rod string	_	-	-	-	-
72 Artificial Lift Equipment	_	-	-	90,000	90,000
73 Compressor	_	-	-	5,833	5,833
74 Installation Costs	_	-	-	-	-
75 Surface Pumps	_	-	-	61,667	61,667
76 Downhole Pumps	-	-	-		-
77 Measurement & Meter Inst		-	-	116,667	116,667
78 Gas Conditioning / Dehyd		-			
79 Interconnecting Facility Pi	ping	-		20,000	20,000
80 Gathering/Bulk Lines	-	-			
81 Valves, Dumps, Controller		-	-	108,333	108,333
82 Tank / Facility Containmer	nt -	-		43,333	43,333
83 Flare Stack	-	-		16,667	16,667
84 Electrical / Grounding	-	-		50,000	50,000
85 Communications / SCADA	-	-		36,667	36,667
86 Instrumentation / Safety	-			833	833
	TOTAL TANGIBLES >	1,233,109	0	989,167	2,222,27
	TOTAL COSTS >	4,749,528	5,367,000	1,761,334	11,877,86
PARED BY Permian Reso	urans Operation IIC:				
ANED DI PERMIAN KESO	urces Operating, LLC:				
Drilling Engineer:	PS				
Completions Engineer:	ML				
Production Engineer:	DC				
oten Pero C :	II.C ADDDOM:				
nian Resources Operating	, LLC APPROVAL:				
0 000				um c	
Co-CEO		Co-CI	JW JW	VP - Opera	ntions
	WH		JW		CRM
VP - Land & Legal		VP - Geoscieno	ces		
	BG		SO		
I OPERATING PARTNE	R APPROVAL:				
N OPERATING PARTNE	R APPROVAL:		Working Interest (%):	Ta	av ID:

Approval: Yes

No (mark one)



300 N. MARIENFELD STREET, SUITE 1000 MIDLAND, TX 79701

**OFFICE** 432.695.4222 **FAX** 432.695.4063

September 9, 2025

Via Certified USPS Mailer

Company Address City, State Zip

Re: Revised AFE Proposal to Drill

Bane 4-9 Federal Com wells (24 Wells) Sections 4 and 9, Township 20 South, Range 34 East Lea County, New Mexico

Dear Owner:

Please find attached the updated AFES for the above project which had been previously proposed in early 2023. We have also included the original AFEs for your reference. Due to the duration of time from the original proposal to the upcoming hearing date Permian Resources is providing a courtesy update to the AFEs to allow interest owners to stay apprised of current AFE costs. This is a courtesy update only and no action is required at this time.

If you have any questions or concerns regarding this proposal, please contact Mark Hajdik at mark.hajdik@permianres.com.

Sincerely,

May 69. La

PERMIAN RESOURCES OPERATING, LLC

Mark Hajdik | Senior Staff Landman

# UPDATED AFEs 2025

#### **Cost Estimate**

Printed Date: Sept 8, 2025

AFE Number: 500488 Description: BANE 4-9 FEDERAL COM 111H

AFE Name: BANE 4-9 FEDERAL COM 111H AFE TYPE: Driil & Complete - 1st BSPG

Well Operator: PERMIAN RESOURCES

Operator AFE #:

Account	Description	Gross Est. (\$)
Facilities		
8035.1300	FAC - SURFACE DAMAGE	\$357.00
8035.1310	FAC - PERMANENT EASEMENT/ROW	\$1,429.00
8035.1400	FAC - ROAD LOCATIONS PITS	\$17,143.00
8035.1500	FAC - MATERIALS & SUPPLIES	\$2,857.00
8035.1600	FAC - TRANSPORTATION TRUCKING	\$357.00
8035.1700	FAC - RENTAL EQUIPMENT	\$7,143.00
8035.1800	FAC - FUEL / POWER	\$1,786.00
8035.1900	FAC - WATER DISPOSAL / SWD	\$286.00
8035.2000	FAC - WASTE DISPOSAL	\$286.00
8035.2100	FAC - INSPECTION & TESTING	\$179.00
8035.2200	FAC - CONTRACT LABOR / ROUSTAB	\$35,714.00
8035.2400	FAC - SUPERVISION	\$3,429.00
8035.2500	FAC - CONSULTING SERVICES	\$357.00
8035.2900	FAC - TANK BATTERY	\$30,084.00
8035.3000	FAC - HEATER TREATER/SEPARATOR	\$91,143.00
8035.3100	FAC - VRU RENTAL	\$1,429.00
8035.3200	FAC - VALVES FITTINGS & PIPE	\$65,000.00
8035.3300	FAC - CIRCULATING TRNSFER PUMP	\$5,821.00
8035.3400	FAC - METERS	\$19,929.00
8035.3600	FAC - ELECTRICAL	\$42,857.00
8035.3700	FAC - AUTOMATION MATERIAL	\$14,286.00
8035.3800	FAC - FLARE/COMBUSTER	\$8,714.00
8035.4000	FAC - SAFETY / ENVIRONMENTAL	\$1,071.00
8035.4400	FAC - COMPANY LABOR	\$357.00
8035.4500	FAC - CONTINGENCY	\$10,560.00
		Sub-total \$362,574.00
Pipeline		
8036.1310	PLN - PEMANENT EASEMENT	\$15,152.00
8036.2200	PLN - CONTRACT LABOR	\$55,140.00
8036.2800	PLN - FLOWLINE MATERIAL	\$55,140.00
8036.3200	PLN - VALVES FITTINGS & PIPE	\$10,000.00
8036.3610	PLN - POWER DISTRIBUTION MATERIAL	\$1,786.00
8036.3620	PLN - POWER DISTRIBUTION LABOR	\$1,786.00
		Sub-total \$139,004.00
Completion Intangible		
8025.1100	ICC - ROAD, LOCATIONS, PITS	\$10,500.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE	\$40,000.00
8025.1500	ICC - FUEL / POWER	\$333,208.00
8025.1600	ICC - COILED TUBING	\$247,983.00

## **Cost Estimate**

Printed Date: Jun 11, 2025

			, , , , , , , , , , , , , , , , , , , ,
Account	<u>Description</u>		Gross Est. (\$)
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK		\$19,478.00
8025.2000	ICC - TRUCKING		\$14,375.00
8025.2200	ICC - ELECTRIC LOGGING / PERFORATING		\$238,665.00
8025.2300	ICC - COMPLETION FLUIDS		\$10,000.00
8025.2500	ICC - WELL STIMULATION/FRACTUR		\$1,792,999.00
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT		\$15,000.00
8025.3000	ICC - WATER HANDLING		\$219,048.00
8025.3050	ICC - SOURCE WATER		\$314,060.00
8025.3100	ICC - WELLHEAD/FRACTREE REPAIR		\$40,000.00
8025.3400	ICC - RENTAL EQUIPMENT		\$178,790.00
8025.3500	ICC - WELLSITE SUPERVISION		\$46,575.00
8025.3600	ICC - SUPERVISION/ENGINEERING		\$5,000.00
8025.3700	ICC - SAFETY / ENVIRONMENTAL		\$15,000.00
8025.3800	ICC - OVERHEAD		\$10,000.00
		Sub-total	\$3,550,681.00
Completion Tangible			
8030.2000	TCC - WELLHEAD EQUIPMENT		\$47,250.00
		Sub-total	\$47,250.00
<b>Drilling Intangible</b>			
8015.1000	IDC - PERMITS,LICENSES,ETC		\$15,000.00
8015.1100	IDC - STAKING & SURVEYING		\$15,000.00
8015.1200	IDC - LEGAL, TITLE SERVICES		\$13,000.00
8015.1300	IDC - SURFACE DAMAGE / ROW		\$35,000.00
8015.1310	IDC - PERMANENT EASEMENT		\$12,000.00
8015.1400	IDC - ROAD, LOCATIONS, PITS		\$95,625.00
8015.1500	IDC - RIG MOB / TRUCKING		\$116,875.00
8015.1600	IDC - RIG MOB / STANDBY RATE		\$36,800.00
8015.1700	IDC - DAYWORK CONTRACT		\$527,850.00
8015.1900	IDC - DIRECTNL DRILL & SURVEY		\$222,328.13
8015.2000	IDC - CONDUCTOR HOLE & SERVICE		\$42,500.00
8015.2150	IDC - DRILL BIT		\$98,000.00
8015.2200	IDC - BITS, TOOLS, STABILIZERS		\$55,500.00
8015.2300	IDC - FUEL / POWER		\$108,474.61
8015.2350	IDC - FUEL/MUD		\$66,515.63
8015.2400	IDC - RIG WATER		\$16,875.00
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING		\$178,831.23
8015.2700	IDC - INSPECTION, TESTING & REPAIR		\$37,000.00
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP		\$269,000.00
8015.3100	IDC - CASING CREW & TOOLS		\$70,000.00
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT		\$27,000.00
8015.3400	IDC - MATERIALS & SUPPLIES		\$5,000.00
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP		\$20,250.00
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM		\$53,071.88
8015.3700	IDC - DISPOSAL		\$108,200.00
8015.3800	IDC - WELLHEAD PREPARE/REPAIR		\$12,500.00
8015.4100	IDC - RENTAL EQUIPMENT		\$74,250.00

Printed Date: Jun 11, 2025

## PERMIAN

#### **Cost Estimate**

Gross Est. (\$) **Account Description** 8015.4200 IDC - MANCAMP \$35,100.00 8015.4300 **IDC - WELLSITE SUPERVISION** \$78,300.00 IDC - SAFETY / ENVIRONMENTAL 8015.4600 \$14,850.00 8015.5000 **IDC - WELL CONTROL INSURANCE** \$7,425.00 8015.5200 **IDC - CONTINGENCY** \$111,065.47 Sub-total \$2,579,186.95 **Drilling Tangible** \$81,436.38 8020.1100 TDC - CASING - SURFACE 8020.1200 TDC - CASING - INTERMEDIATE - 1 \$174,547.50 8020.1400 TDC - CASING - PRODUCTION \$554,010.83 8020.1500 TDC - WELLHEAD EQUIPMENT \$53,125.00 8020.1700 TDC - PACKER/DOWNHOLE TOOLS \$53.125.00 Sub-total \$916,244.71 Flowback Intangible IFC - ROADS LOCATIONS / PITS 8040.1100 \$2,000,00 8040.1899 IFC - FRAC WATER RECOVERY \$402,350.00 8040.2000 IFC - TRUCKING/VACUUM/TRANSP \$8.000.00 8040.2900 IFC - WELL TESTING / FLOWBACK \$98,000.00 8040.3400 **IFC - RENTAL EQUIPMENT** \$10,000.00 **IFC - TANK RENTALS** 8040.3420 \$10,000.00 8040.3430 IFC - SURFACE PUMP RENTAL \$10,000.00 8040.3500 **IFC - WELLSITE SUPERVISION** \$8,000.00 8040.4000 **IFC - CHEMICALS** \$14,000.00 Sub-total \$562,350.00 **Artificial Lift Intangible** IAL - ROAD, LOCATIONS, PITS \$2,000.00 8060.1100 8060.1200 IAL - WORKOVER RIG \$20,000.00 8060.1210 IAL - SPOOLING SERVICES \$10,000.00 8060.1900 IAL - INSPECTION & TESTING \$3,000.00 8060.2000 IAL - TRUCKING/VACUUM/TRANSP \$5,000.00 8060.2010 IAL - KILL TRUCK \$5,000.00 8060.2300 IAL - COMPLETION FLUIDS \$5,000.00 IAL - CONTRACT LABOR/ROUSTABOUT 8060.2600 \$15,000.00 8060.3400 IAL - RENTAL EQUIPMENT \$15,000.00 8060.3410 IAL - LAYDOWN MACHINE \$5,000.00 IAL - REVERSE UNIT RENTAL 8060.3420 \$5,000.00 IAL - WELLSITE SUPERVISION 8060.3500 \$10,000.00 Sub-total \$100,000.00 **Artificial Lift Tangible** TAL - TUBING 8065.1100 \$55,000.00 TAL - DOWNHOLE ARTIFICIAL LIFT EQPT 8065.1300 \$15,000.00 TAL - ESP EQUIPMENT/INSTALL 8065.1310 \$120,000.00 TAL - WELLHEAD EQUIPMENT 8065.2000 \$50,000.00 TAL - WELL SITE POWER EQUIPMENT/INSTALL 8065.2100 \$75,000.00 TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL \$20,000.00 8065.2200 8065.2500 TAL - VALVES/CONNECTIONS/FTGS \$15,000.00

## **Cost Estimate**

Account	<u>Description</u>		Gross Est. (\$)
8065.3100	TAL - MEASUREMENT EQUIPMENT		\$5,000.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA		\$5,000.00
		Sub-total	\$360,000.00
		Grand Total	\$8,617,290.66

Accepted and Approved By:  Company Name (If Applicable):	
By:	
Printed Name:	
Title:	
Date:	

#### **Cost Estimate**

Printed Date: Sept 8, 2025

AFE Number: 500489 Description: BANE 4-9 FEDERAL COM 112H

AFE Name: BANE 4-9 FEDERAL COM 112H AFE TYPE: Driil & Complete - 1st BSPG

Well Operator: PERMIAN RESOURCES

Operator AFE #:

Account	<u>Description</u>		Gross Est. (\$)
Facilities			
8035.1300	FAC - SURFACE DAMAGE		\$357.00
8035.1310	FAC - PERMANENT EASEMENT/ROW		\$1,429.00
8035.1400	FAC - ROAD LOCATIONS PITS		\$17,143.00
8035.1500	FAC - MATERIALS & SUPPLIES		\$2,857.00
8035.1600	FAC - TRANSPORTATION TRUCKING		\$357.00
8035.1700	FAC - RENTAL EQUIPMENT		\$7,143.00
8035.1800	FAC - FUEL / POWER		\$1,786.00
8035.1900	FAC - WATER DISPOSAL / SWD		\$286.00
8035.2000	FAC - WASTE DISPOSAL		\$286.00
8035.2100	FAC - INSPECTION & TESTING		\$179.00
8035.2200	FAC - CONTRACT LABOR / ROUSTAB		\$35,714.00
8035.2400	FAC - SUPERVISION		\$3,429.00
8035.2500	FAC - CONSULTING SERVICES		\$357.00
8035.2900	FAC - TANK BATTERY		\$30,084.00
8035.3000	FAC - HEATER TREATER/SEPARATOR		\$91,143.00
8035.3100	FAC - VRU RENTAL		\$1,429.00
8035.3200	FAC - VALVES FITTINGS & PIPE		\$65,000.00
8035.3300	FAC - CIRCULATING TRNSFER PUMP		\$5,821.00
8035.3400	FAC - METERS		\$19,929.00
8035.3600	FAC - ELECTRICAL		\$42,857.00
8035.3700	FAC - AUTOMATION MATERIAL		\$14,286.00
8035.3800	FAC - FLARE/COMBUSTER		\$8,714.00
8035.4000	FAC - SAFETY / ENVIRONMENTAL		\$1,071.00
8035.4400	FAC - COMPANY LABOR		\$357.00
8035.4500	FAC - CONTINGENCY		\$10,560.00
		Sub-total	\$362,574.00
Pipeline			
8036.1310	PLN - PEMANENT EASEMENT		\$15,152.00
8036.2200	PLN - CONTRACT LABOR		\$55,140.00
8036.2800	PLN - FLOWLINE MATERIAL		\$55,140.00
8036.3200	PLN - VALVES FITTINGS & PIPE		\$10,000.00
8036.3610	PLN - POWER DISTRIBUTION MATERIAL		\$1,786.00
8036.3620	PLN - POWER DISTRIBUTION LABOR		\$1,786.00
		Sub-total	\$139,004.00
Completion Intangible			
8025.1100	ICC - ROAD, LOCATIONS, PITS		\$10,500.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE		\$40,000.00
8025.1500	ICC - FUEL / POWER		\$333,208.00
8025.1600	ICC - COILED TUBING		\$247,983.00

## **Cost Estimate**

Printed Date: Jun 11, 2025

<u>Account</u>	Description		Gross Est. (\$)
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK		\$19,478.00
8025.2000	ICC - TRUCKING		\$14,375.00
8025.2200	ICC - ELECTRIC LOGGING / PERFORATING		\$238,665.00
8025.2300	ICC - COMPLETION FLUIDS		\$10,000.00
8025.2500	ICC - WELL STIMULATION/FRACTUR		\$1,792,999.00
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT		\$15,000.00
8025.3000	ICC - WATER HANDLING		\$219,048.00
8025.3050	ICC - SOURCE WATER		\$314,060.00
8025.3100	ICC - WELLHEAD/FRACTREE REPAIR		\$40,000.00
8025.3400	ICC - RENTAL EQUIPMENT		\$178,790.00
8025.3500	ICC - WELLSITE SUPERVISION		\$46,575.00
8025.3600	ICC - SUPERVISION/ENGINEERING		\$5,000.00
8025.3700	ICC - SAFETY / ENVIRONMENTAL		\$15,000.00
8025.3800	ICC - OVERHEAD		\$10,000.00
		Sub-total	\$3,550,681.00
Completion Tangible			
8030.2000	TCC - WELLHEAD EQUIPMENT		\$47,250.00
		Sub-total	\$47,250.00
Drilling Intangible			
8015.1000	IDC - PERMITS,LICENSES,ETC		\$15,000.00
8015.1100	IDC - STAKING & SURVEYING		\$15,000.00
8015.1200	IDC - LEGAL, TITLE SERVICES		\$13,000.00
8015.1300	IDC - SURFACE DAMAGE / ROW		\$35,000.00
8015.1310	IDC - PERMANENT EASEMENT		\$12,000.00
8015.1400	IDC - ROAD, LOCATIONS, PITS		\$95,625.00
8015.1500	IDC - RIG MOB / TRUCKING		\$116,875.00
8015.1600	IDC - RIG MOB / STANDBY RATE		\$36,800.00
8015.1700	IDC - DAYWORK CONTRACT		\$527,850.00
8015.1900	IDC - DIRECTNL DRILL & SURVEY		\$222,328.13
8015.2000	IDC - CONDUCTOR HOLE & SERVICE		\$42,500.00
8015.2150	IDC - DRILL BIT		\$98,000.00
8015.2200	IDC - BITS, TOOLS, STABILIZERS		\$55,500.00
8015.2300	IDC - FUEL / POWER		\$108,474.61
8015.2350	IDC - FUEL/MUD		\$66,515.63
8015.2400	IDC - RIG WATER		\$16,875.00
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING		\$178,831.23
8015.2700	IDC - INSPECTION, TESTING & REPAIR		\$37,000.00
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP		\$269,000.00
8015.3100	IDC - CASING CREW & TOOLS		\$70,000.00
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT		\$27,000.00
8015.3400	IDC - MATERIALS & SUPPLIES		\$5,000.00
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP		\$20,250.00
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM		\$53,071.88
8015.3700	IDC - DISPOSAL		\$108,200.00
8015.3800	IDC - WELLHEAD PREPARE/REPAIR		\$12,500.00
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Printed Date: Jun 11, 2025

## PERMIAN

#### **Cost Estimate**

Gross Est. (\$) **Account Description** 8015.4200 IDC - MANCAMP \$35,100.00 8015.4300 **IDC - WELLSITE SUPERVISION** \$78,300.00 IDC - SAFETY / ENVIRONMENTAL 8015.4600 \$14,850.00 8015.5000 **IDC - WELL CONTROL INSURANCE** \$7,425.00 8015.5200 **IDC - CONTINGENCY** \$111,065.47 Sub-total \$2,579,186.95 **Drilling Tangible** 8020.1100 TDC - CASING - SURFACE \$81,436.38 8020.1200 TDC - CASING - INTERMEDIATE - 1 \$174,547.50 8020.1400 TDC - CASING - PRODUCTION \$554,010.83 8020.1500 TDC - WELLHEAD EQUIPMENT \$53,125.00 TDC - PACKER/DOWNHOLE TOOLS 8020.1700 \$53.125.00 Sub-total \$916,244.71 Flowback Intangible IFC - ROADS LOCATIONS / PITS 8040.1100 \$2,000,00 8040.1899 IFC - FRAC WATER RECOVERY \$402,350.00 8040.2000 IFC - TRUCKING/VACUUM/TRANSP \$8.000.00 8040.2900 IFC - WELL TESTING / FLOWBACK \$98,000.00 8040.3400 **IFC - RENTAL EQUIPMENT** \$10,000.00 **IFC - TANK RENTALS** 8040.3420 \$10,000.00 IFC - SURFACE PUMP RENTAL \$10,000.00 8040.3430 8040.3500 **IFC - WELLSITE SUPERVISION** \$8,000.00 8040.4000 **IFC - CHEMICALS** \$14,000.00 Sub-total \$562,350.00 **Artificial Lift Intangible** IAL - ROAD, LOCATIONS, PITS \$2,000.00 8060.1100 8060.1200 IAL - WORKOVER RIG \$20,000.00 8060.1210 IAL - SPOOLING SERVICES \$10,000.00 8060.1900 IAL - INSPECTION & TESTING \$3,000.00 8060.2000 IAL - TRUCKING/VACUUM/TRANSP \$5,000.00 8060.2010 IAL - KILL TRUCK \$5,000.00 8060.2300 IAL - COMPLETION FLUIDS \$5,000.00 IAL - CONTRACT LABOR/ROUSTABOUT 8060.2600 \$15,000.00 IAL - RENTAL EQUIPMENT \$15,000.00 8060.3400 8060.3410 IAL - LAYDOWN MACHINE \$5,000.00 IAL - REVERSE UNIT RENTAL 8060.3420 \$5,000.00 IAL - WELLSITE SUPERVISION 8060.3500 \$10,000.00 Sub-total \$100,000.00 **Artificial Lift Tangible** TAL - TUBING 8065.1100 \$55,000.00 TAL - DOWNHOLE ARTIFICIAL LIFT EQPT 8065.1300 \$15,000.00 TAL - ESP EQUIPMENT/INSTALL 8065.1310 \$120,000.00 TAL - WELLHEAD EQUIPMENT 8065.2000 \$50,000.00 TAL - WELL SITE POWER EQUIPMENT/INSTALL 8065.2100 \$75,000.00 TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL \$20,000.00 8065.2200 8065.2500 TAL - VALVES/CONNECTIONS/FTGS \$15,000.00

## **Cost Estimate**

Account	<u>Description</u>		Gross Est. (\$)
8065.3100	TAL - MEASUREMENT EQUIPMENT		\$5,000.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA		\$5,000.00
		Sub-total	\$360,000.00
		Grand Total	\$8,617,290.66

Accepted and Approved By:  Company Name (If Applicable):	
By:	
Printed Name:	
Title:	
Date:	

#### **Cost Estimate**

Printed Date: Sept 8, 2025

AFE Number: 500500 Description: BANE 4-9 FEDERAL COM 113H

AFE Name: BANE 4-9 FEDERAL COM 113H AFE TYPE: Driil & Complete - 1st BSPG

Well Operator: PERMIAN RESOURCES

Operator AFE #:

Account	<u>Description</u>		Gross Est. (\$)
Facilities			
8035.1300	FAC - SURFACE DAMAGE		\$357.00
8035.1310	FAC - PERMANENT EASEMENT/ROW		\$1,429.00
8035.1400	FAC - ROAD LOCATIONS PITS		\$17,143.00
8035.1500	FAC - MATERIALS & SUPPLIES		\$2,857.00
8035.1600	FAC - TRANSPORTATION TRUCKING		\$357.00
8035.1700	FAC - RENTAL EQUIPMENT		\$7,143.00
8035.1800	FAC - FUEL / POWER		\$1,786.00
8035.1900	FAC - WATER DISPOSAL / SWD		\$286.00
8035.2000	FAC - WASTE DISPOSAL		\$286.00
8035.2100	FAC - INSPECTION & TESTING		\$179.00
8035.2200	FAC - CONTRACT LABOR / ROUSTAB		\$35,714.00
8035.2400	FAC - SUPERVISION		\$3,429.00
8035.2500	FAC - CONSULTING SERVICES		\$357.00
8035.2900	FAC - TANK BATTERY		\$30,084.00
8035.3000	FAC - HEATER TREATER/SEPARATOR		\$91,143.00
8035.3100	FAC - VRU RENTAL		\$1,429.00
8035.3200	FAC - VALVES FITTINGS & PIPE		\$65,000.00
8035.3300	FAC - CIRCULATING TRNSFER PUMP		\$5,821.00
8035.3400	FAC - METERS		\$19,929.00
8035.3600	FAC - ELECTRICAL		\$42,857.00
8035.3700	FAC - AUTOMATION MATERIAL		\$14,286.00
8035.3800	FAC - FLARE/COMBUSTER		\$8,714.00
8035.4000	FAC - SAFETY / ENVIRONMENTAL		\$1,071.00
8035.4400	FAC - COMPANY LABOR		\$357.00
8035.4500	FAC - CONTINGENCY		\$10,560.00
		Sub-total	\$362,574.00
Pipeline			
8036.1310	PLN - PEMANENT EASEMENT		\$15,152.00
8036.2200	PLN - CONTRACT LABOR		\$55,140.00
8036.2800	PLN - FLOWLINE MATERIAL		\$55,140.00
8036.3200	PLN - VALVES FITTINGS & PIPE		\$10,000.00
8036.3610	PLN - POWER DISTRIBUTION MATERIAL		\$1,786.00
8036.3620	PLN - POWER DISTRIBUTION LABOR		\$1,786.00
		Sub-total	\$139,004.00
Completion Intangible			
8025.1100	ICC - ROAD, LOCATIONS, PITS		\$10,500.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE		\$40,000.00
8025.1500	ICC - FUEL / POWER		\$333,208.00
8025.1600	ICC - COILED TUBING		\$247,983.00

## **Cost Estimate**

Printed Date: Jun 11, 2025

Account	<u>Description</u>		Gross Est. (\$)
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK		\$19,478.00
8025.2000	ICC - TRUCKING		\$14,375.00
8025.2200	ICC - ELECTRIC LOGGING / PERFORATING		\$238,665.00
8025.2300	ICC - COMPLETION FLUIDS		\$10,000.00
8025.2500	ICC - WELL STIMULATION/FRACTUR		\$1,792,999.00
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT		\$15,000.00
8025.3000	ICC - WATER HANDLING		\$219,048.00
8025.3050	ICC - SOURCE WATER		\$314,060.00
8025.3100	ICC - WELLHEAD/FRACTREE REPAIR		\$40,000.00
8025.3400	ICC - RENTAL EQUIPMENT		\$178,790.00
8025.3500	ICC - WELLSITE SUPERVISION		\$46,575.00
8025.3600	ICC - SUPERVISION/ENGINEERING		\$5,000.00
8025.3700	ICC - SAFETY / ENVIRONMENTAL		\$15,000.00
8025.3800	ICC - OVERHEAD		\$10,000.00
		Sub-total	\$3,550,681.00
Completion Tangible			
8030.2000	TCC - WELLHEAD EQUIPMENT		\$47,250.00
		Sub-total	\$47,250.00
Drilling Intangible			
8015.1000	IDC - PERMITS,LICENSES,ETC		\$15,000.00
8015.1100	IDC - STAKING & SURVEYING		\$15,000.00
8015.1200	IDC - LEGAL, TITLE SERVICES		\$13,000.00
8015.1300	IDC - SURFACE DAMAGE / ROW		\$35,000.00
8015.1310	IDC - PERMANENT EASEMENT		\$12,000.00
8015.1400	IDC - ROAD, LOCATIONS, PITS		\$95,625.00
8015.1500	IDC - RIG MOB / TRUCKING		\$116,875.00
8015.1600	IDC - RIG MOB / STANDBY RATE		\$36,800.00
8015.1700	IDC - DAYWORK CONTRACT		\$527,850.00
8015.1900	IDC - DIRECTNL DRILL & SURVEY		\$222,328.13
8015.2000	IDC - CONDUCTOR HOLE & SERVICE		\$42,500.00
8015.2150	IDC - DRILL BIT		\$98,000.00
8015.2200	IDC - BITS, TOOLS, STABILIZERS		\$55,500.00
8015.2300	IDC - FUEL / POWER		\$108,474.61
8015.2350	IDC - FUEL/MUD		\$66,515.63
8015.2400	IDC - RIG WATER		\$16,875.00
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING		\$178,831.23
8015.2700	IDC - INSPECTION, TESTING & REPAIR		\$37,000.00
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP		\$269,000.00
8015.3100	IDC - CASING CREW & TOOLS		\$70,000.00
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT		\$27,000.00
8015.3400	IDC - MATERIALS & SUPPLIES		\$5,000.00
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP		\$20,250.00
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM		\$53,071.88
	IDC - DISPOSAL		\$108,200.00
8015.3700			
8015.3800	IDC - WELLHEAD PREPARE/REPAIR		\$12,500.00

Printed Date: Jun 11, 2025

## PERMIAN

#### **Cost Estimate**

Gross Est. (\$) **Account Description** 8015.4200 IDC - MANCAMP \$35,100.00 8015.4300 **IDC - WELLSITE SUPERVISION** \$78,300.00 IDC - SAFETY / ENVIRONMENTAL 8015.4600 \$14,850.00 8015.5000 **IDC - WELL CONTROL INSURANCE** \$7,425.00 8015.5200 **IDC - CONTINGENCY** \$111,065.47 Sub-total \$2,579,186.95 **Drilling Tangible** 8020.1100 TDC - CASING - SURFACE \$81,436.38 8020.1200 TDC - CASING - INTERMEDIATE - 1 \$174,547.50 8020.1400 TDC - CASING - PRODUCTION \$554,010.83 8020.1500 TDC - WELLHEAD EQUIPMENT \$53,125.00 8020.1700 TDC - PACKER/DOWNHOLE TOOLS \$53.125.00 Sub-total \$916,244.71 Flowback Intangible IFC - ROADS LOCATIONS / PITS 8040.1100 \$2,000,00 8040.1899 IFC - FRAC WATER RECOVERY \$402,350.00 8040.2000 IFC - TRUCKING/VACUUM/TRANSP \$8.000.00 8040.2900 IFC - WELL TESTING / FLOWBACK \$98,000.00 8040.3400 **IFC - RENTAL EQUIPMENT** \$10,000.00 **IFC - TANK RENTALS** 8040.3420 \$10,000.00 IFC - SURFACE PUMP RENTAL \$10,000.00 8040.3430 8040.3500 **IFC - WELLSITE SUPERVISION** \$8,000.00 8040.4000 **IFC - CHEMICALS** \$14,000.00 Sub-total \$562,350.00 **Artificial Lift Intangible** IAL - ROAD, LOCATIONS, PITS \$2,000.00 8060.1100 8060.1200 IAL - WORKOVER RIG \$20,000.00 8060.1210 IAL - SPOOLING SERVICES \$10,000.00 8060.1900 IAL - INSPECTION & TESTING \$3,000.00 8060.2000 IAL - TRUCKING/VACUUM/TRANSP \$5,000.00 8060.2010 IAL - KILL TRUCK \$5,000.00 8060.2300 IAL - COMPLETION FLUIDS \$5,000.00 IAL - CONTRACT LABOR/ROUSTABOUT 8060.2600 \$15,000.00 IAL - RENTAL EQUIPMENT \$15,000.00 8060.3400 8060.3410 IAL - LAYDOWN MACHINE \$5,000.00 IAL - REVERSE UNIT RENTAL 8060.3420 \$5,000.00 IAL - WELLSITE SUPERVISION 8060.3500 \$10,000.00 Sub-total \$100,000.00 **Artificial Lift Tangible** TAL - TUBING 8065.1100 \$55,000.00 TAL - DOWNHOLE ARTIFICIAL LIFT EQPT 8065.1300 \$15,000.00 TAL - ESP EQUIPMENT/INSTALL 8065.1310 \$120,000.00 TAL - WELLHEAD EQUIPMENT 8065.2000 \$50,000.00 TAL - WELL SITE POWER EQUIPMENT/INSTALL 8065.2100 \$75,000.00 TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL \$20,000.00 8065.2200 8065.2500 TAL - VALVES/CONNECTIONS/FTGS \$15,000.00

## **Cost Estimate**

<u>Account</u>	<u>Description</u>		Gross Est. (\$)
8065.3100	TAL - MEASUREMENT EQUIPMENT		\$5,000.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA		\$5,000.00
		Sub-total	\$360,000.00
		Grand Total	\$8,617,290.66

Accepted and Approved By:  Company Name (If Applicable):	
By:	
Printed Name:	
Title:	
Date	

#### **Cost Estimate**



Printed Date: Sept 8, 2025

AFE Number: 500501 Description: BANE 4-9 FEDERAL COM 114H

AFE Name: BANE 4-9 FEDERAL COM 114H AFE TYPE: Driil & Complete - 1st BSPG

Well Operator: PERMIAN RESOURCES

Operator AFE #:

Account	<u>Description</u>		Gross Est. (\$)
Facilities			
8035.1300	FAC - SURFACE DAMAGE		\$357.00
8035.1310	FAC - PERMANENT EASEMENT/ROW		\$1,429.00
8035.1400	FAC - ROAD LOCATIONS PITS		\$17,143.00
8035.1500	FAC - MATERIALS & SUPPLIES		\$2,857.00
8035.1600	FAC - TRANSPORTATION TRUCKING		\$357.00
8035.1700	FAC - RENTAL EQUIPMENT		\$7,143.00
8035.1800	FAC - FUEL / POWER		\$1,786.00
8035.1900	FAC - WATER DISPOSAL / SWD		\$286.00
8035.2000	FAC - WASTE DISPOSAL		\$286.00
8035.2100	FAC - INSPECTION & TESTING		\$179.00
8035.2200	FAC - CONTRACT LABOR / ROUSTAB		\$35,714.00
8035.2400	FAC - SUPERVISION		\$3,429.00
8035.2500	FAC - CONSULTING SERVICES		\$357.00
8035.2900	FAC - TANK BATTERY		\$30,084.00
8035.3000	FAC - HEATER TREATER/SEPARATOR		\$91,143.00
8035.3100	FAC - VRU RENTAL		\$1,429.00
8035.3200	FAC - VALVES FITTINGS & PIPE		\$65,000.00
8035.3300	FAC - CIRCULATING TRNSFER PUMP		\$5,821.00
8035.3400	FAC - METERS		\$19,929.00
8035.3600	FAC - ELECTRICAL		\$42,857.00
8035.3700	FAC - AUTOMATION MATERIAL		\$14,286.00
8035.3800	FAC - FLARE/COMBUSTER		\$8,714.00
8035.4000	FAC - SAFETY / ENVIRONMENTAL		\$1,071.00
8035.4400	FAC - COMPANY LABOR		\$357.00
8035.4500	FAC - CONTINGENCY		\$10,560.00
		Sub-total	\$362,574.00
Pipeline			
8036.1310	PLN - PEMANENT EASEMENT		\$15,152.00
8036.2200	PLN - CONTRACT LABOR		\$55,140.00
8036.2800	PLN - FLOWLINE MATERIAL		\$55,140.00
8036.3200	PLN - VALVES FITTINGS & PIPE		\$10,000.00
8036.3610	PLN - POWER DISTRIBUTION MATERIAL		\$1,786.00
8036.3620	PLN - POWER DISTRIBUTION LABOR		\$1,786.00
		Sub-total	\$139,004.00
Completion Intangible			
8025.1100	ICC - ROAD, LOCATIONS, PITS		\$10,500.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE		\$40,000.00
8025.1500	ICC - FUEL / POWER		\$333,208.00
8025.1600	ICC - COILED TUBING		\$247,983.00

## **Cost Estimate**

Printed Date: Jun 11, 2025

RESOURCES		Printed D	ate. Juli 11, 2025
Account	<u>Description</u>		Gross Est. (\$)
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK		\$19,478.00
8025.2000	ICC - TRUCKING		\$14,375.00
8025.2200	ICC - ELECTRIC LOGGING / PERFORATING		\$238,665.00
8025.2300	ICC - COMPLETION FLUIDS		\$10,000.00
8025.2500	ICC - WELL STIMULATION/FRACTUR		\$1,792,999.00
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT		\$15,000.00
8025.3000	ICC - WATER HANDLING		\$219,048.00
8025.3050	ICC - SOURCE WATER		\$314,060.00
8025.3100	ICC - WELLHEAD/FRACTREE REPAIR		\$40,000.00
8025.3400	ICC - RENTAL EQUIPMENT		\$178,790.00
8025.3500	ICC - WELLSITE SUPERVISION		\$46,575.00
8025.3600	ICC - SUPERVISION/ENGINEERING		\$5,000.00
8025.3700	ICC - SAFETY / ENVIRONMENTAL		\$15,000.00
8025.3800	ICC - OVERHEAD		\$10,000.00
		Sub-total	\$3,550,681.00
Completion Tangible			
8030.2000	TCC - WELLHEAD EQUIPMENT		\$47,250.00
		Sub-total	\$47,250.00
Drilling Intangible			
8015.1000	IDC - PERMITS,LICENSES,ETC		\$15,000.00
8015.1100	IDC - STAKING & SURVEYING		\$15,000.00
8015.1200	IDC - LEGAL, TITLE SERVICES		\$13,000.00
8015.1300	IDC - SURFACE DAMAGE / ROW		\$35,000.00
8015.1310	IDC - PERMANENT EASEMENT		\$12,000.00
8015.1400	IDC - ROAD, LOCATIONS, PITS		\$95,625.00
8015.1500	IDC - RIG MOB / TRUCKING		\$116,875.00
8015.1600	IDC - RIG MOB / STANDBY RATE		\$36,800.00
8015.1700	IDC - DAYWORK CONTRACT		\$527,850.00
8015.1900	IDC - DIRECTNL DRILL & SURVEY		\$222,328.13
8015.2000	IDC - CONDUCTOR HOLE & SERVICE		\$42,500.00
8015.2150	IDC - DRILL BIT		\$98,000.00
8015.2200	IDC - BITS, TOOLS, STABILIZERS		\$55,500.00
8015.2300	IDC - FUEL / POWER		\$108,474.61
8015.2350	IDC - FUEL/MUD		\$66,515.63
8015.2400	IDC - RIG WATER		\$16,875.00
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING		\$178,831.23
8015.2700	IDC - INSPECTION, TESTING & REPAIR		\$37,000.00
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP		\$269,000.00
8015.3100	IDC - CASING CREW & TOOLS		\$70,000.00
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT		\$27,000.00
8015.3400	IDC - MATERIALS & SUPPLIES		\$5,000.00
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP		\$20,250.00
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM		\$53,071.88
8015.3700	IDC - DISPOSAL		\$108,200.00
004F 2000			
8015.3800	IDC - WELLHEAD PREPARE/REPAIR		\$12,500.00

Printed Date: Jun 11, 2025

## PERMIAN

#### **Cost Estimate**

Gross Est. (\$) **Account Description** 8015.4200 IDC - MANCAMP \$35,100.00 8015.4300 **IDC - WELLSITE SUPERVISION** \$78,300.00 IDC - SAFETY / ENVIRONMENTAL 8015.4600 \$14,850.00 8015.5000 **IDC - WELL CONTROL INSURANCE** \$7,425.00 8015.5200 **IDC - CONTINGENCY** \$111,065.47 Sub-total \$2,579,186.95 **Drilling Tangible** 8020.1100 TDC - CASING - SURFACE \$81,436.38 8020.1200 TDC - CASING - INTERMEDIATE - 1 \$174,547.50 8020.1400 TDC - CASING - PRODUCTION \$554,010.83 8020.1500 TDC - WELLHEAD EQUIPMENT \$53,125.00 8020.1700 TDC - PACKER/DOWNHOLE TOOLS \$53.125.00 Sub-total \$916,244.71 Flowback Intangible IFC - ROADS LOCATIONS / PITS 8040.1100 \$2,000,00 8040.1899 IFC - FRAC WATER RECOVERY \$402,350.00 8040.2000 IFC - TRUCKING/VACUUM/TRANSP \$8.000.00 8040.2900 IFC - WELL TESTING / FLOWBACK \$98,000.00 8040.3400 **IFC - RENTAL EQUIPMENT** \$10,000.00 **IFC - TANK RENTALS** 8040.3420 \$10,000.00 IFC - SURFACE PUMP RENTAL \$10,000.00 8040.3430 8040.3500 **IFC - WELLSITE SUPERVISION** \$8,000.00 8040.4000 **IFC - CHEMICALS** \$14,000.00 Sub-total \$562,350.00 **Artificial Lift Intangible** IAL - ROAD, LOCATIONS, PITS \$2,000.00 8060.1100 8060.1200 IAL - WORKOVER RIG \$20,000.00 8060.1210 IAL - SPOOLING SERVICES \$10,000.00 8060.1900 IAL - INSPECTION & TESTING \$3,000.00 8060.2000 IAL - TRUCKING/VACUUM/TRANSP \$5,000.00 8060.2010 IAL - KILL TRUCK \$5,000.00 8060.2300 IAL - COMPLETION FLUIDS \$5,000.00 IAL - CONTRACT LABOR/ROUSTABOUT 8060.2600 \$15,000.00 IAL - RENTAL EQUIPMENT \$15,000.00 8060.3400 8060.3410 IAL - LAYDOWN MACHINE \$5,000.00 IAL - REVERSE UNIT RENTAL 8060.3420 \$5,000.00 IAL - WELLSITE SUPERVISION 8060.3500 \$10,000.00 Sub-total \$100,000.00 **Artificial Lift Tangible** TAL - TUBING 8065.1100 \$55,000.00 TAL - DOWNHOLE ARTIFICIAL LIFT EQPT 8065.1300 \$15,000.00 TAL - ESP EQUIPMENT/INSTALL 8065.1310 \$120,000.00 TAL - WELLHEAD EQUIPMENT 8065.2000 \$50,000.00 TAL - WELL SITE POWER EQUIPMENT/INSTALL 8065.2100 \$75,000.00 TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL \$20,000.00 8065.2200 8065.2500 TAL - VALVES/CONNECTIONS/FTGS \$15,000.00

## **Cost Estimate**

Account	<u>Description</u>		Gross Est. (\$)
8065.3100	TAL - MEASUREMENT EQUIPMENT		\$5,000.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA		\$5,000.00
		Sub-total	\$360,000.00
		Grand Total	\$8,617,290.66

Accepted and Approved By:  Company Name (If Applicable):	
By:	
Printed Name:	
Title:	
Date	

#### **Cost Estimate**

Printed Date: Sept 8, 2025

AFE Number: 500490 Description: BANE 4-9 FEDERAL COM 121H

AFE Name: BANE 4-9 FEDERAL COM 121H AFE TYPE: Drill & Complete - 2nd BSPG

Well Operator: PERMIAN RESOURCES

Operator AFE #:

Account	<u>Description</u>		Gross Est. (\$)
Facilities			
8035.1300	FAC - SURFACE DAMAGE		\$357.00
8035.1310	FAC - PERMANENT EASEMENT/ROW		\$1,429.00
8035.1400	FAC - ROAD LOCATIONS PITS		\$17,143.00
8035.1500	FAC - MATERIALS & SUPPLIES		\$2,857.00
8035.1600	FAC - TRANSPORTATION TRUCKING		\$357.00
8035.1700	FAC - RENTAL EQUIPMENT		\$7,143.00
8035.1800	FAC - FUEL / POWER		\$1,786.00
8035.1900	FAC - WATER DISPOSAL / SWD		\$286.00
8035.2000	FAC - WASTE DISPOSAL		\$286.00
8035.2100	FAC - INSPECTION & TESTING		\$179.00
8035.2200	FAC - CONTRACT LABOR / ROUSTAB		\$35,714.00
8035.2400	FAC - SUPERVISION		\$3,429.00
8035.2500	FAC - CONSULTING SERVICES		\$357.00
8035.2900	FAC - TANK BATTERY		\$30,084.00
8035.3000	FAC - HEATER TREATER/SEPARATOR		\$91,143.00
8035.3100	FAC - VRU RENTAL		\$1,429.00
8035.3200	FAC - VALVES FITTINGS & PIPE		\$65,000.00
8035.3300	FAC - CIRCULATING TRNSFER PUMP		\$5,821.00
8035.3400	FAC - METERS		\$19,929.00
8035.3600	FAC - ELECTRICAL		\$42,857.00
8035.3700	FAC - AUTOMATION MATERIAL		\$14,286.00
8035.3800	FAC - FLARE/COMBUSTER		\$8,714.00
8035.4000	FAC - SAFETY / ENVIRONMENTAL		\$1,071.00
8035.4400	FAC - COMPANY LABOR		\$357.00
8035.4500	FAC - CONTINGENCY		\$10,560.00
		Sub-total	\$362,574.00
Pipeline			
8036.1310	PLN - PEMANENT EASEMENT		\$15,152.00
8036.2200	PLN - CONTRACT LABOR		\$55,140.00
8036.2800	PLN - FLOWLINE MATERIAL		\$55,140.00
8036.3200	PLN - VALVES FITTINGS & PIPE		\$10,000.00
8036.3610	PLN - POWER DISTRIBUTION MATERIAL		\$1,786.00
8036.3620	PLN - POWER DISTRIBUTION LABOR		\$1,786.00
		Sub-total	\$139,004.00
Completion Intangible			
8025.1100	ICC - ROAD, LOCATIONS, PITS		\$10,500.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE		\$40,000.00
8025.1500	ICC - FUEL / POWER		\$304,700.00
8025.1600	ICC - COILED TUBING		\$247,983.00

## **Cost Estimate**

			,
Account	<u>Description</u>	<u>Gr</u>	oss Est. (\$)
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK		\$18,795.00
8025.2000	ICC - TRUCKING		\$14,375.00
8025.2200	ICC - ELECTRIC LOGGING / PERFORATING	\$	235,305.00
8025.2300	ICC - COMPLETION FLUIDS		\$10,000.00
8025.2500	ICC - WELL STIMULATION/FRACTUR	\$1,	621,941.00
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT		\$15,000.00
8025.3000	ICC - WATER HANDLING	\$	200,000.00
8025.3050	ICC - SOURCE WATER	\$	286,750.00
8025.3100	ICC - WELLHEAD/FRACTREE REPAIR		\$40,000.00
8025.3400	ICC - RENTAL EQUIPMENT	\$	173,376.00
8025.3500	ICC - WELLSITE SUPERVISION		\$44,550.00
8025.3600	ICC - SUPERVISION/ENGINEERING		\$5,000.00
8025.3700	ICC - SAFETY / ENVIRONMENTAL		\$15,000.00
8025.3800	ICC - OVERHEAD		\$10,000.00
		Sub-total \$3,	293,275.00
Completion Tangible			
8030.2000	TCC - WELLHEAD EQUIPMENT		\$47,250.00
		Sub-total	\$47,250.00
Drilling Intangible			
8015.1000	IDC - PERMITS,LICENSES,ETC		\$15,000.00
8015.1100	IDC - STAKING & SURVEYING		\$15,000.00
8015.1200	IDC - LEGAL, TITLE SERVICES		\$13,000.00
8015.1300	IDC - SURFACE DAMAGE / ROW		\$35,000.00
8015.1310	IDC - PERMANENT EASEMENT		\$12,000.00
8015.1400	IDC - ROAD, LOCATIONS, PITS		\$95,625.00
8015.1500	IDC - RIG MOB / TRUCKING	\$	116,875.00
8015.1600	IDC - RIG MOB / STANDBY RATE		\$36,800.00
8015.1700	IDC - DAYWORK CONTRACT	\$	586,500.00
8015.1900	IDC - DIRECTNL DRILL & SURVEY	\$	247,031.25
8015.2000	IDC - CONDUCTOR HOLE & SERVICE		\$42,500.00
8015.2150	IDC - DRILL BIT		\$98,000.00
8015.2200	IDC - BITS, TOOLS, STABILIZERS		\$60,000.00
8015.2300	IDC - FUEL / POWER	\$	120,527.34
8015.2350	IDC - FUEL/MUD		\$66,515.63
8015.2400	IDC - RIG WATER		\$18,750.00
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING	\$	189,873.49
8015.2700	IDC - INSPECTION, TESTING & REPAIR		\$37,000.00
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP	\$	269,000.00
8015.3100	IDC - CASING CREW & TOOLS		\$70,000.00
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT		\$27,000.00
8015.3400	IDC - MATERIALS & SUPPLIES		\$5,000.00
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP		\$22,500.00
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM		\$58,968.75
8015.3700	IDC - DISPOSAL		113,000.00
8015.3800	IDC - WELLHEAD PREPARE/REPAIR		\$12,500.00
8015.4100	IDC - RENTAL EQUIPMENT		\$82,500.00

#### **Cost Estimate**

Printed Date: Sept 8, 2025 **Account Description** Gross Est. (\$) \$39,000.00 8015.4200 **IDC - MANCAMP** 8015.4300 **IDC - WELLSITE SUPERVISION** \$87,000.00 IDC - SAFETY / ENVIRONMENTAL 8015.4600 \$16,500.00 8015.5000 **IDC - WELL CONTROL INSURANCE** \$8,250.00 8015.5200 **IDC - CONTINGENCY** \$117,774.74 Sub-total \$2,734,991.20 **Drilling Tangible** 8020.1100 TDC - CASING - SURFACE \$81,436.38 8020.1200 TDC - CASING - INTERMEDIATE - 1 \$174,547.50 8020.1400 TDC - CASING - PRODUCTION \$469,808.88 8020.1500 TDC - WELLHEAD EQUIPMENT \$53,125.00 8020.1700 TDC - PACKER/DOWNHOLE TOOLS \$53.125.00 Sub-total \$832,042.76 Flowback Intangible IFC - ROADS LOCATIONS / PITS 8040.1100 \$2,000,00 8040.1899 IFC - FRAC WATER RECOVERY \$224,250.00 8040.2000 IFC - TRUCKING/VACUUM/TRANSP \$8.000.00 8040.2900 IFC - WELL TESTING / FLOWBACK \$98,000.00 8040.3400 **IFC - RENTAL EQUIPMENT** \$10,000.00 **IFC - TANK RENTALS** 8040.3420 \$10,000.00 8040.3430 IFC - SURFACE PUMP RENTAL \$10,000.00 8040.3500 **IFC - WELLSITE SUPERVISION** \$8,000.00 8040.4000 **IFC - CHEMICALS** \$14,000.00 Sub-total \$384,250.00 **Artificial Lift Intangible** IAL - ROAD, LOCATIONS, PITS \$2,000.00 8060.1100 8060.1200 IAL - WORKOVER RIG \$20,000.00 8060.1210 IAL - SPOOLING SERVICES \$10,000.00 8060.1900 IAL - INSPECTION & TESTING \$3,000.00 8060.2000 IAL - TRUCKING/VACUUM/TRANSP \$5,000.00 8060.2010 IAL - KILL TRUCK \$5,000.00 8060.2300 IAL - COMPLETION FLUIDS \$5,000.00 IAL - CONTRACT LABOR/ROUSTABOUT 8060.2600 \$15,000.00 8060.3400 IAL - RENTAL EQUIPMENT \$15,000.00 8060.3410 IAL - LAYDOWN MACHINE \$5,000.00 IAL - REVERSE UNIT RENTAL 8060.3420 \$5,000.00 IAL - WELLSITE SUPERVISION 8060.3500 \$10,000.00 Sub-total \$100,000.00 **Artificial Lift Tangible** TAL - TUBING 8065.1100 \$55,000.00 TAL - DOWNHOLE ARTIFICIAL LIFT EQPT 8065.1300 \$15,000.00 TAL - ESP EQUIPMENT/INSTALL 8065.1310 \$120,000.00 TAL - WELLHEAD EQUIPMENT 8065.2000 \$50,000.00 TAL - WELL SITE POWER EQUIPMENT/INSTALL 8065.2100 \$75,000.00 TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL \$20,000.00 8065.2200 8065.2500 TAL - VALVES/CONNECTIONS/FTGS \$15,000.00

## **Cost Estimate**

Account	<u>Description</u>		Gross Est. (\$)
8065.3100	TAL - MEASUREMENT EQUIPMENT		\$5,000.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA		\$5,000.00
		Sub-total	\$360,000.00
		Grand Total	\$8,253,386.96

Accepted and Approved By:  Company Name (If Applicable):	
By:	
Printed Name:	
Title:	
Date:	

#### **Cost Estimate**

Printed Date: Sept 8, 2025

AFE Number: 500491 Description: BANE 4-9 FEDERAL COM 122H

AFE Name: BANE 4-9 FEDERAL COM 122H AFE TYPE: Drill & Complete - 2nd BSPG

Well Operator: PERMIAN RESOURCES

Operator AFE #:

Account	<u>Description</u>	Gross Est. (\$)
Facilities		
8035.1300	FAC - SURFACE DAMAGE	\$357.00
8035.1310	FAC - PERMANENT EASEMENT/ROW	\$1,429.00
8035.1400	FAC - ROAD LOCATIONS PITS	\$17,143.00
8035.1500	FAC - MATERIALS & SUPPLIES	\$2,857.00
8035.1600	FAC - TRANSPORTATION TRUCKING	\$357.00
8035.1700	FAC - RENTAL EQUIPMENT	\$7,143.00
8035.1800	FAC - FUEL / POWER	\$1,786.00
8035.1900	FAC - WATER DISPOSAL / SWD	\$286.00
8035.2000	FAC - WASTE DISPOSAL	\$286.00
8035.2100	FAC - INSPECTION & TESTING	\$179.00
8035.2200	FAC - CONTRACT LABOR / ROUSTAB	\$35,714.00
8035.2400	FAC - SUPERVISION	\$3,429.00
8035.2500	FAC - CONSULTING SERVICES	\$357.00
8035.2900	FAC - TANK BATTERY	\$30,084.00
8035.3000	FAC - HEATER TREATER/SEPARATOR	\$91,143.00
8035.3100	FAC - VRU RENTAL	\$1,429.00
8035.3200	FAC - VALVES FITTINGS & PIPE	\$65,000.00
8035.3300	FAC - CIRCULATING TRNSFER PUMP	\$5,821.00
8035.3400	FAC - METERS	\$19,929.00
8035.3600	FAC - ELECTRICAL	\$42,857.00
8035.3700	FAC - AUTOMATION MATERIAL	\$14,286.00
8035.3800	FAC - FLARE/COMBUSTER	\$8,714.00
8035.4000	FAC - SAFETY / ENVIRONMENTAL	\$1,071.00
8035.4400	FAC - COMPANY LABOR	\$357.00
8035.4500	FAC - CONTINGENCY	\$10,560.00
		Sub-total \$362,574.00
Pipeline		
8036.1310	PLN - PEMANENT EASEMENT	\$15,152.00
8036.2200	PLN - CONTRACT LABOR	\$55,140.00
8036.2800	PLN - FLOWLINE MATERIAL	\$55,140.00
8036.3200	PLN - VALVES FITTINGS & PIPE	\$10,000.00
8036.3610	PLN - POWER DISTRIBUTION MATERIAL	\$1,786.00
8036.3620	PLN - POWER DISTRIBUTION LABOR	\$1,786.00
		Sub-total \$139,004.00
Completion Intangible		
8025.1100	ICC - ROAD, LOCATIONS, PITS	\$10,500.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE	\$40,000.00
8025.1500	ICC - FUEL / POWER	\$304,700.00
8025.1600	ICC - COILED TUBING	\$247,983.00

## **Cost Estimate**

Account         Description         Gross Est. (\$)           8025.1800         ICC - WATER DISPOSAL/VACUUM TRUCK         \$18,73,78.08           8026.2000         ICC - TRUCKING         \$14,73,70.08           8026.2200         ICC - CECTRIC LOGGING / PERFORATING         \$23,35,80.00           8026.2200         ICC - COMPLETION FLUIDS         \$10,000.00           8025.2500         ICC - COMPLETION FLUIDS         \$15,000.00           8025.2500         ICC - CONTRACT LABORROUSTABOUT         \$15,000.00           8025.3000         ICC - SOURCE WATER         \$200,000.00           8025.3000         ICC - SOURCE WATER         \$200,000.00           8025.3010         ICC - SOURCE WATER         \$117,3375.00           8025.3020         ICC - WELLHEAD ESUPERVISION         \$45,000.00           8025.3030         ICC - WELLISHITE SUPERVISION         \$45,000.00           8025.3030         IC				
8025.2000         ICC - TRUCKING         \$14,375.00           8025.2020         ICC - COMPLETION FULIDS         \$10,000.00           8025.2030         ICC - COMPLETION FULIDS         \$10,000.00           8025.2030         ICC - WELL STIMULATION/FRACTUR         \$15,000.00           8025.2030         ICC - WATER HANDLING         \$200,000.00           8025.3030         ICC - WATER HANDLING         \$200,000.00           8025.3050         ICC - SOURCE WATER         \$40,000.00           8025.3050         ICC - SOURCE WATER         \$40,000.00           8025.3030         ICC - RENTAL EQUIPMENT         \$45,000.00           8025.3030         ICC - SUPERVISIONENGINEERING         \$15,000.00           8015.1030         ICC - SUPERVISIONE	Account	<u>Description</u>	Gross Est. (\$)	
8025.2000         ICC - TRUCKING         \$14,375.00           8025.2020         ICC - COMPLETION FULIDS         \$10,000.00           8025.2030         ICC - OWHEL STIMULATION/FRACTUR         \$15,000.00           8025.2030         ICC - WELL STIMULATION/FRACTUR         \$15,000.00           8025.2030         ICC - WATER HANDLING         \$200.000.00           8025.3030         ICC - WATER HANDLING         \$200.000.00           8025.3030         ICC - WATER HANDLING         \$400.000.00           8025.3030         ICC - RENTAL EQUIPMENT         \$400.000.00           8025.3030         ICC - SUPERVISIONENGINEERING         \$45,000.00           8025.3030         ICC - SUPERVISIONENGINEERING         \$45,000.00           8025.3700         ICC - SUPERVISIONENGINEERING         \$10,000.00           8025.3700         ICC - SUPERVISIONENGINEERING         \$10,000.00           8025.3700         ICC - SUPERVISIONENGINEERING         \$47,200.00           8025.3700         ICC - SUPERVISIONENGINEERING         \$10,000.00           8025.3000	0005 4000	IOO WATER RIGHES WAS ALLE TRUEY	040 705 00	
8058 2200         ICC - ELECTRIC LOGGING / PERFORATING         \$10,000,000           8058 2300         ICC - COMPLETION FLUIDS         \$1,621,841,841,841,841,841,841,841,841,841,84				
8025.2000         ICC - COMPLETION FLUIDS         \$10,000.00           8025.2000         ICC - WELL STIMULATION/FRACTUR         \$15,000.00           8025.2000         ICC - ONTIFACT LABOR/ROUSTABOUT         \$26,000.00           8025.3000         ICC - WAITER HANDLING         \$26,000.00           8025.3100         ICC - WELLHEAD/FRACTREE REPAIR         \$40,000.00           8025.3400         ICC - RENTAL EQUIPMENT         \$41,500.00           8025.3500         ICC - SUPERVISIONERIGINEERING         \$45,500.00           8025.3700         ICC - SUPERVISIONERIGINEERING         \$5,000.00           8025.3700         ICC - SUPERVISIONERIGINEERING         \$15,000.00           8025.3700         ICC - SVERLY PAINTONMENTAL         \$15,000.00           8025.3700         ICC - SVERLY PAINTONMENTAL         \$47,250.00           8025.3700         ICC - SVERLY PAINTONMENTAL         \$15,000.00           8025.3700         ICC - SVERLY PAINTONMENTAL         \$15,000.00           8015.1000         ICC - SVERLY PAINTONMENTAL         \$15,000.00           8015.110			,	
\$1,21,941,00				
8025.2800         ICC - CONTRACT LABORIROUSTABOUT         \$20,000.00           8025.3000         ICC - WATER HANDLING         \$20,000.00           8025.3100         ICC - WELLHEAD/FRACTREE REPAIR         \$40,000.00           8025.3400         ICC - WELLHEAD/FRACTREE REPAIR         \$40,000.00           8025.3500         ICC - WELLISITE SUPERVISION         \$173,780           8025.3500         ICC - SUPERVISIONENINEERING         \$50,000.00           8025.3500         ICC - SUPERVISIONENINEERING         \$50,000.00           8025.3700         ICC - SUPERVISIONENINEERING         \$10,000.00           8025.3700         ICC - SUPERVISIONENINEERING         \$10,000.00           8025.3700         ICC - SUPERVISIONENINEERING         \$10,000.00           8025.3700         ICC - SUPERVISIONENINEERING         \$47,250.00           8025.3700         ICC - SUPERVISIONENINEERING         \$47,250.00           8025.3700         TCC - WELLHEAD EQUIPMENT         \$47,250.00           8025.3700         TCC - WELLHEAD EQUIPMENT         \$47,250.00           8015.1000         IDC - PERMITS, LICENSES, ETC         \$15,000.00           8015.1000         IDC - PERMITS, LICENSES, ETC         \$15,000.00           8015.1000         IDC - STAKING, & SURVEYING         \$15,000.00           801				
8025.3000         ICC - WATER HANDLING         \$208,000.00           8025.3050         ICC - SOUNCE WATER         \$286,750.00           8025.3100         ICC - RENTAL EQUIPMENT         \$173,376.00           8025.3000         ICC - WELLISTE SUPERVISION         \$44,550.00           8025.3000         ICC - SUPERVISIONENINEERING         \$15,000.00           8025.3000         ICC - SAFETY / ENVIRONMENTAL         \$15,000.00           8025.3000         ICC - CVERLEAD         \$10,000.00           8025.3000         ICC - SAFETY / ENVIRONMENTAL         \$15,000.00           8025.3000         ICC - CVERLEAD         \$47,250.00           8025.2000         TCC - WELLHEAD EQUIPMENT         \$47,250.00           PORPHITS LICENSES, ETC         \$15,000.00           8015.1000         IDC - PERMITS, LICENSES, ETC         \$15,000.00           8015.1200         IDC - STAKING & SURVEYING         \$15,000.00           8015.1200         IDC - LEGAL, TITLE SERVICES         \$13,000.00           8015.1200         IDC - PERMANENT EASEMENT         \$15,000.00           8015.1200         IDC - RIG MOB / STANDBY RATE         \$36,800.00           8015.1200         IDC - RIG MOB / STANDBY PATE         \$36,800.00           8015.1200         IDC - RIG MOB / STANDBY PATE				
8025.3050         ICC - SULICE WATER         \$208.00           8025.3100         ICC - WELLHADDFRACTREE REPAIR         \$40,000.00           8025.3500         ICC - RENTAL EQUIPMENT         \$173.376.00           8025.3500         ICC - SUPERVISIONIENGINEERING         \$44,550.00           8025.3500         ICC - SUPERVISIONIENGINEERING         \$50,000.00           8025.3800         ICC - OVERHEAD         \$10,000.00           8025.3800         ICC - OVERHEAD         \$10,000.00           8025.3800         ICC - OVERHEAD         \$10,000.00           Sub-total         \$10,000.00           Completion Tangible           TOTA - WELLHEAD EQUIPMENT         \$42,250.00           Sub-total         \$42,250.00           TOTA - WELLHEAD EQUIPMENT         \$42,250.00           Sub-total         \$42,250.00           TOTA - WELLHEAD EQUIPMENT         \$42,250.00           TOTA - SERVILLE ELECA EQUIPMENT         \$42,250.00				
8025.3100         ICC - WELLIHEAD/FRACTREE REPAIR         \$140,000.00           8025.3400         ICC - RENTAL EGUIPMENT         \$173.376.00           8025.3600         ICC - WELLISITE SUPERVISION         \$44,550.00           8025.3700         ICC - SUPERVISIONENGINEERING         \$15,000.00           8025.3800         ICC - OVERHEAD         \$10,000.00           8025.3800         ICC - OVERHEAD         \$10,000.00           8025.3800         TCC - WELLHEAD EQUIPMENT         \$10,000.00           8030.2000         TCC - WELLHEAD EQUIPMENT         \$47,250.00           TOTAL PROPERTY TANKING & SURVEYING         \$15,000.00           8015.1000         IDC - PERMITS, LICENSES, ETC         \$15,000.00           8015.1001         IDC - STAKING & SURVEYING         \$15,000.00           8015.1002         IDC - LEGAL, TITLE SERVICES         \$13,000.00           8015.1301         IDC - PERMANENT EASEMENT         \$12,000.00           8015.1400         IDC - PERMANENT EASEMENT         \$18,600.00           8015.1400         IDC - READ, LOCATIONS, PITS         \$36,800.00           8015.1500         IDC - RIG MOB / TRUCKING         \$36,800.00           8015.1000         IDC - RIG MOB / STANDBY RATE         \$36,000.00           8015.2001         IDC - DORICHLL BIT </td <td></td> <td></td> <td></td>				
8025.3400         ICC - RENTAL EQUIPMENT         \$173,376.00           8025.3500         ICC - WELLEITE SUPERVISION         \$44,580.00           8025.3700         ICC - SUPERVISIONEMSINEERING         \$5,000.00           8025.3700         ICC - SAFETY / ENVIRONMENTAL         \$15,000.00           8025.3700         ICC - OVERHEAD         \$10,000.00           Town Interpolated Color Per Part (Part ) (Part ) (Part ) (Part )         \$10,000.00           Town Interpolated Color Per Part (Part ) (Part ) (Part )         \$15,000.00           Town Interpolated Color Per Part (Part ) (Part ) (Part )         \$14,7250.00           Town Interpolated Color Per Part (Part ) (Part )         \$15,000.00           Town Interpolated Color Per Part (Part ) (Part )         \$15,000.00           Town Interpolated Color Per Part (Part ) (Part )         \$15,000.00           8015.1000         IDC - PER MITS, LICENSES, ETC         \$15,000.00           8015.1000         IDC - PER MITS, LICENSES, ETC         \$15,000.00           8015.1000         IDC - PER MITS, LICENSES, ETC         \$15,000.00           8015.1001         IDC - PER MITS, LICENSES, ETC         \$15,000.00           8015.1002         IDC - CEGAL, TITLE SERVICES         \$15,000.00           8015.1003			\$286,750.00	
8025.3500         ICC - SUPERYNISIONENGINEERING         \$3,000.00           8025.3600         ICC - SAFETY / ENVIRONMENTAL         \$15,000.00           8025.3700         ICC - OVERHEAD         \$10,000.00           8025.3800         TCC - OVERHEAD         \$10,000.00           Robertor         Sub-total         \$3,293,275.00           Completor Targles         TCC - WELLHEAD EQUIPMENT         \$47,250.00           TOTAL SUB-TOTAL SU	8025.3100	ICC - WELLHEAD/FRACTREE REPAIR		
8025.3000         ICC - SAFETY / ENVIRONMENTAL         \$5,000.00           8025.3000         ICC - OVERHEAD         \$15,000.00           8025.3000         Robotal         \$3,000.00           Formation Tangible           TO C - WELLHEAD EQUIPMENT         \$10.00         \$10.00           Sub-total         \$47,250.00           Politing Intangible         W           B015.1000         IDC - PERMITS, LICENSES, ETC         B015.1000         IDC - STAKING & SURVEYING         B15.000.00           8015.1200         IDC - SERALITE SERVICES         \$15.000.00         \$15.000.00           8015.1300         IDC - SURRACE DAMAGE, POW         \$35,000.00         \$10.000.00           8015.1400         IDC - PERMINENT EASEMENT         \$36,000.00         \$10.000.00         \$36,000.00         \$10.500.00         \$36,000.00         \$10.500.00         \$36,000.00	8025.3400	ICC - RENTAL EQUIPMENT	\$173,376.00	
8026.3700         ICC - SAFETY / ENVIRONMENTAL         \$1,000.00           8026.3800         ICC - OVERHEAD         \$1,000.00           Completion Tangibe           TCC - WELLHEAD EQUIPMENT         SAF,250.00           Politing Intangible           BOSTINIA (INC.)         SAF,250.00           BOSTINIA (INC.)         SAF,250.00         SAF,250.00           BOSTINIA (INC.)         SAF,250.00         SAF,250.00         SAF,250.00         SAF,250.00         SAF,250.00         SAF,250.00           BOSTINIA (INC.)         SAF,250.00         SAF,250.00         SAF,250.00	8025.3500	ICC - WELLSITE SUPERVISION	\$44,550.00	
805.3000         ICC-OVERHEAD         Sub-load         Sub-load <th colsp<="" td=""><td>8025.3600</td><td>ICC - SUPERVISION/ENGINEERING</td><td>\$5,000.00</td></th>	<td>8025.3600</td> <td>ICC - SUPERVISION/ENGINEERING</td> <td>\$5,000.00</td>	8025.3600	ICC - SUPERVISION/ENGINEERING	\$5,000.00
Support Transitor         Support Transit	8025.3700	ICC - SAFETY / ENVIRONMENTAL	\$15,000.00	
Completion Tanglibe         CC - WELLHEAD EQUIPMENT         \$47,250.00           500.02000         TC - WELLHEAD EQUIPMENT         \$47,250.00           TURING SURVEYING         \$15,000.00           8015.1000         IDC - PERMITS,LICENSES,ETC         \$15,000.00           8015.1100         IDC - PERMITS,LICENSES,ETC         \$15,000.00           8015.1200         IDC - LEGAL, TITLE SERVICES         \$15,000.00           8015.1301         IDC - SURFACE DAMAGE / ROW         \$15,000.00           8015.1310         IDC - PERMANENT EASEMENT         \$12,000.00           8015.1400         IDC - ROAD, LOCATIONS, PITS         \$15,000.00           8015.1500         IDC - RIG MOB / TRUCKING         \$16,000.00           8015.1700         IDC - RIG MOB / STANDBY RATE         \$36,000.00           8015.1700         IDC - DIRECTNIL DRILL & SURVEY         \$36,000.00           8015.2901         IDC - DIRECTNIL DRILL & SURVEY         \$36,000.00           8015.2202         IDC - BITS, TOOLS, STABILIZERS         \$36,000.00           8015.2303         IDC - FUEL/ POWER         \$37,000.00           8015.2400         IDC - FUEL/ POW	8025.3800	ICC - OVERHEAD	\$10,000.00	
8030.2000         TCC - WELLHEAD EQUIPMENT         \$47,250.00           Drilling Intangible           8015.1010         IDC - PERMITS, LICENSES, ETC         \$15,000.00           8015.1100         IDC - STAKING & SURVEYING         \$15,000.00           8015.1200         IDC - SURRACE DAMAGE / ROW         \$13,000.00           8015.1300         IDC - SURRACE DAMAGE / ROW         \$35,000.00           8015.1400         IDC - PERMANENT EASEMENT         \$12,000.00           8015.1400         IDC - ROAD, LOCATIONS, PITS         \$16,007.00           8015.1400         IDC - ROAD, LOCATIONS, PITS         \$36,600.00           8015.1500         IDC - RIG MOB / TRUCKING         \$36,600.00           8015.1600         IDC - RIG MOB / TRUCKING         \$36,600.00           8015.1900         IDC - RIG MOB / STANDBY RATE         \$36,600.00           8015.1900         IDC - DIRECTNL DRILL & SURVEY         \$247,031.25           8015.2000         IDC - DORULGTOR HOLE & SERVICE         \$36,000.00           8015.2300         IDC - BITS, TOOLS, STABILIZERS         \$60,515.80           8015.2301         IDC - FUEL / POWER         \$18,750.01           8015.2302         IDC - FUEL / POWER         \$37,000.00           8015.2001         IDC - RIG WATER         \$37,000.00 <td></td> <td></td> <td>Sub-total \$3,293,275.00</td>			Sub-total \$3,293,275.00	
Tolling Intangible           8015.1000         IDC - PERMITS, LICENSES, ETC         \$15,000.00           8015.1100         IDC - STAKING & SURVEYING         \$15,000.00           8015.1200         IDC - LEGAL, TITLE SERVICES         \$13,000.00           8015.1310         IDC - SURFACE DAMAGE / ROW         \$35,000.00           8015.1310         IDC - PERMANENT EASEMENT         \$12,000.00           8015.1310         IDC - PERMANENT EASEMENT         \$12,000.00           8015.1400         IDC - RIG MOB / TRUCKING         \$116,875.00           8015.1500         IDC - RIG MOB / TRUCKING         \$36,800.00           8015.1700         IDC - RIG MOB / STANDBY RATE         \$36,800.00           8015.1700         IDC - DAYWORK CONTRACT         \$36,800.00           8015.2900         IDC - DONDUCTOR HOLE & SERVICE         \$42,500.00           8015.2200         IDC - DRILE BIT         \$80,000.00           8015.2200         IDC - BITS, TOOLS, STABILIZERS         \$80,000.00           8015.2200         IDC - FUEL / POWER         \$18,750.00           8015.2200         IDC - FUEL / MUD         \$6,515.63           8015.2200         IDC - FUEL / WOTE         \$37,000.00           8015.2200         IDC - CASING CREWA & TOOLS         \$37,000.00	Completion Tangible			
Drilling Intangible           8015.1000         IDC - PERMITS,LICENSES,ETC         \$15,000.00           8015.1100         IDC - SERMITS,LICENSES,ETC         \$15,000.00           8015.1200         IDC - LEGAL, TITLE SERVICES         \$13,000.00           8015.1300         IDC - SURFACE DAMAGE / ROW         \$35,000.00           8015.1310         IDC - PERMANENT EASEMENT         \$12,000.00           8015.1400         IDC - ROAD, LOCATIONS, PITS         \$95,625.00           8015.1500         IDC - RIG MOB / TRUCKING         \$116,875.00           8015.1500         IDC - RIG MOB / STANIDBY RATE         \$36,800.00           8015.1900         IDC - DAYWORK CONTRACT         \$586,500.00           8015.2000         IDC - CONDUCTOR HOLE & SERVICE         \$42,500.00           8015.2200         IDC - ODNUCTOR HOLE & SERVICE         \$80,000.00           8015.2200         IDC - BITS, TOOLS, STABILIZERS         \$60,000.00           8015.2300         IDC - FUEL / POWER         \$12,052.7           8015.2300         IDC - FUEL / POWER         \$18,750.00           8015.2500         IDC - RIG WATER         \$37,000.00           8015.2500         IDC - MUDICHEMICALS/ACIDIZING         \$37,000.00           8015.3000         IDC - CONTRACT LABOR/ROUSTABOUT         \$27,00	8030.2000	TCC - WELLHEAD EQUIPMENT	\$47,250.00	
8015.1000         IDC - PERMITS,LICENSES,ETC         \$15,000.00           8015.1100         IDC - STAKING & SURVEYING         \$15,000.00           8015.1200         IDC - LEGAL, TITLE SERVICES         \$13,000.00           8015.1300         IDC - SURFACE DAMAGE / ROW         \$35,000.00           8015.1310         IDC - PERMANENT EASEMENT         \$12,000.00           8015.1400         IDC - ROAD, LOCATIONS, PITS         \$95,625.00           8015.1500         IDC - RIG MOB / TRUCKING         \$116,875.00           8015.1600         IDC - RIG MOB / TRUCKING         \$116,875.00           8015.1700         IDC - DAYWORK CONTRACT         \$36,800.00           8015.1900         IDC - DIRECTNL DRILL & SURVEY         \$247,031.25           8015.2000         IDC - CONDUCTOR HOLE & SERVICE         \$42,500.00           8015.2200         IDC - DRILL BIT         \$88,000.00           8015.2200         IDC - BITS, TOOLS, STABILIZERS         \$80,000.00           8015.2300         IDC - FUEL / POWER         \$120,527.34           8015.2300         IDC - FUEL / MUD         \$66,515.63           8015.2400         IDC - RIG WATER         \$18,750.00           8015.2500         IDC - INSPECTION, TESTING & REPAIR         \$370,000.00           8015.3300         IDC - CASING CR			Sub-total \$47,250.00	
8015.1100         IDC - STAKING & SURVEYING         \$15,000.00           8015.1200         IDC - LEGAL, TITLE SERVICES         \$13,000.00           8015.1300         IDC - SURFACE DAMAGE / ROW         \$35,000.00           8015.1310         IDC - PERMANENT EASEMENT         \$12,000.00           8015.1400         IDC - ROAD, LOCATIONS, PITS         \$95,625.00           8015.1500         IDC - RIG MOB / TRUCKING         \$116,875.00           8015.1600         IDC - RIG MOB / STANDBY RATE         \$36,800.00           8015.1700         IDC - DAYWORK CONTRACT         \$586,500.00           8015.2000         IDC - DIRECTNL DRILL & SURVEY         \$247,031.25           8015.2000         IDC - DRILL BIT         \$88,000.00           8015.2200         IDC - DRILL BIT         \$88,000.00           8015.2300         IDC - BITS, TOOLS, STABILIZERS         \$60,000.00           8015.2300         IDC - FUEL / POWER         \$120,527.34           8015.2300         IDC - FUEL / POWER         \$18,9873.49           8015.2400         IDC - FUEL / MUD         \$66,516.63           8015.2500         IDC - MUD/CHEMICALS/ACIDIZING         \$189,873.40           8015.3000         IDC - CEMENT SERVI/FLOAT EQUIP         \$37,000.00           8015.3000         IDC - CASING CREW & TOO	Drilling Intangible			
8015.1200         IDC - LEGAL, TITLE SERVICES         \$13,000.00           8015.1300         IDC - SURFACE DAMAGE / ROW         \$35,000.00           8015.1310         IDC - PERMANENT EASEMENT         \$12,000.00           8015.1400         IDC - ROAD, LOCATIONS, PITS         \$95,625.00           8015.1500         IDC - RIG MOB / TRUCKING         \$116,875.00           8015.1500         IDC - RIG MOB / STANDBY RATE         \$36,800.00           8015.1700         IDC - DAYWORK CONTRACT         \$586,500.00           8015.1900         IDC - DIRECTNL DRILL & SURVEY         \$247,031.25           8015.2000         IDC - DRILL BIT         \$98,000.00           8015.2150         IDC - DRILL BIT         \$98,000.00           8015.2300         IDC - BITS, TOOLS, STABILIZERS         \$60,000.00           8015.2301         IDC - FUEL / POWER         \$120,527.34           8015.2302         IDC - FUEL / POWER         \$18,750.00           8015.2400         IDC - RIG WATER         \$18,760.00           8015.2500         IDC - RIG WATER         \$37,000.00           8015.2500         IDC - INSPECTION, TESTING & REPAIR         \$37,000.00           8015.300         IDC - CASING CREW & TOOLS         \$70,000.00           8015.3100         IDC - CASING CREW & TOOLS	8015.1000	IDC - PERMITS,LICENSES,ETC	\$15,000.00	
8015.1300         IDC - SURFACE DAMAGE / ROW         \$35,000.00           8015.1310         IDC - PERMANENT EASEMENT         \$12,000.00           8015.1400         IDC - ROAD, LOCATIONS, PITS         \$95,625.00           8015.1500         IDC - RIG MOB / TRUCKING         \$116,875.00           8015.1600         IDC - RIG MOB / STANDBY RATE         \$36,800.00           8015.1700         IDC - DAYWORK CONTRACT         \$586,500.00           8015.1900         IDC - DIRECTNL DRILL & SURVEY         \$247,031.25           8015.2000         IDC - CONDUCTOR HOLE & SERVICE         \$42,500.00           8015.2150         IDC - DRILL BIT         \$98,000.00           8015.2300         IDC - BITS, TOOLS, STABILIZERS         \$60,000.00           8015.2300         IDC - FUEL / POWER         \$120,527.34           8015.2350         IDC - FUEL / POWER         \$187,000.00           8015.2350         IDC - FUEL / POWER         \$187,000.00           8015.2500         IDC - FUEL / POWER         \$189,873.49           8015.2500         IDC - FUEL / POWER         \$187,000.00           8015.2500         IDC - MUD/CHEMICALS/ACIDIZING         \$189,873.49           8015.2700         IDC - INSPECTION, TESTING & REPAIR         \$37,000.00           8015.300         IDC - CASING CRE	8015.1100	IDC - STAKING & SURVEYING	\$15,000.00	
8015.1310         IDC - PERMANENT EASEMENT         \$12,000.00           8015.1400         IDC - ROAD, LOCATIONS, PITS         \$95,625.00           8015.1500         IDC - RIG MOB / TRUCKING         \$116,875.00           8015.1600         IDC - RIG MOB / STANDBY RATE         \$36,800.00           8015.1700         IDC - DAYWORK CONTRACT         \$366,500.00           8015.1900         IDC - DIRECTNL DRILL & SURVEY         \$247,031.25           8015.2000         IDC - CONDUCTOR HOLE & SERVICE         \$42,500.00           8015.2150         IDC - DRILL BIT         \$98,000.00           8015.2200         IDC - BITS, TOOLS, STABILIZERS         \$60,000.00           8015.2300         IDC - FUEL / POWER         \$120,527.34           8015.2350         IDC - FUEL / MUD         \$66,515.63           8015.2400         IDC - RIG WATER         \$18,750.00           8015.2500         IDC - RIG WATER         \$37,000.00           8015.2700         IDC - INSPECTION, TESTING & REPAIR         \$37,000.00           8015.3000         IDC - CEMENT SERV/FLOAT EQUIP         \$269,000.00           8015.3100         IDC - CEMENT SERV/FLOAT EQUIP         \$27,000.00           8015.3400         IDC - CONTRACT LABOR/ROUSTABOUT         \$27,000.00           8015.3500         IDC - MATER	8015.1200	IDC - LEGAL, TITLE SERVICES	\$13,000.00	
8015.1400         IDC - ROAD, LOCATIONS, PITS         \$95,625.00           8015.1500         IDC - RIG MOB / TRUCKING         \$116,875.00           8015.1600         IDC - RIG MOB / STANDBY RATE         \$36,800.00           8015.1700         IDC - DAYWORK CONTRACT         \$586,500.00           8015.1900         IDC - DIRECTINL DRILL & SURVEY         \$247,031.25           8015.2000         IDC - CONDUCTOR HOLE & SERVICE         \$42,500.00           8015.2150         IDC - DRILL BIT         \$98,000.00           8015.2200         IDC - BITS, TOOLS, STABILIZERS         \$60,000.00           8015.2350         IDC - FUEL / POWER         \$120,527.34           8015.2350         IDC - FUEL / MUD         \$66,515.63           8015.2400         IDC - RIG WATER         \$18,750.00           8015.2500         IDC - MUD/CHEMICALS/ACIDIZING         \$189,873.49           8015.2500         IDC - INSPECTION, TESTING & REPAIR         \$37,000.00           8015.300         IDC - CEMENT SERV/FLOAT EQUIP         \$269,000.00           8015.3100         IDC - CASING CREW & TOOLS         \$70,000.00           8015.3200         IDC - CONTRACT LABOR/ROUSTABOUT         \$27,000.00           8015.3600         IDC - TRUCKING/VACUUM/ TRANSP         \$22,500.00           8015.3700	8015.1300	IDC - SURFACE DAMAGE / ROW	\$35,000.00	
8015.1500         IDC - RIG MOB / TRUCKING         \$116,875.00           8015.1600         IDC - RIG MOB / STANDBY RATE         \$36,800.00           8015.1700         IDC - DAYWORK CONTRACT         \$586,500.00           8015.1900         IDC - DIRECTNL DRILL & SURVEY         \$247,031.25           8015.2000         IDC - CONDUCTOR HOLE & SERVICE         \$42,500.00           8015.2150         IDC - DRILL BIT         \$98,000.00           8015.2200         IDC - BITS, TOOLS, STABILIZERS         \$60,000.00           8015.2300         IDC - FUEL / POWER         \$120,527.34           8015.2300         IDC - FUEL / POWER         \$120,527.34           8015.2400         IDC - RIG WATER         \$18,750.00           8015.2500         IDC - RIG WATER         \$18,750.00           8015.2500         IDC - MUD/CHEMICALS/ACIDIZING         \$189,873.49           8015.2500         IDC - MUD/CHEMICALS/ACIDIZING         \$37,000.00           8015.3000         IDC - CEMENT SERV/FLOAT EQUIP         \$269,000.00           8015.3100         IDC - CASING CREW & TOOLS         \$70,000.00           8015.3200         IDC - CASING CREW & TOOLS         \$70,000.00           8015.3400         IDC - MATERIALS & SUPPLIES         \$5,000.00           8015.3600         IDC - SOLIDS CONTRO	8015.1310	IDC - PERMANENT EASEMENT	\$12,000.00	
8015.1600         IDC - RIG MOB / STANDBY RATE         \$36,800.00           8015.1700         IDC - DAYWORK CONTRACT         \$586,500.00           8015.1900         IDC - DIRECTNL DRILL & SURVEY         \$247,031.25           8015.2000         IDC - CONDUCTOR HOLE & SERVICE         \$42,500.00           8015.2150         IDC - DRILL BIT         \$98,000.00           8015.2200         IDC - BITS, TOOLS, STABILIZERS         \$60,000.00           8015.2300         IDC - FUEL / POWER         \$120,527.34           8015.2350         IDC - FUEL / MUD         \$66,515.63           8015.2400         IDC - RIG WATER         \$18,750.00           8015.2500         IDC - MUD/CHEMICALS/ACIDIZING         \$189,873.49           8015.2700         IDC - MUD/CHEMICALS/ACIDIZING         \$189,873.49           8015.2700         IDC - INSPECTION, TESTING & REPAIR         \$37,000.00           8015.3000         IDC - CEMENT SERV/FLOAT EQUIP         \$289,000.00           8015.3200         IDC - CASING CREW & TOOLS         \$70,000.00           8015.3400         IDC - CONTRACT LABOR/ROUSTABOUT         \$27,000.00           8015.3500         IDC - MATERIALS & SUPPLIES         \$5,000.00           8015.3600         IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM         \$58,968.75           8015.370	8015.1400	IDC - ROAD, LOCATIONS, PITS	\$95,625.00	
8015.1700       IDC - DAYWORK CONTRACT       \$586,500.00         8015.1900       IDC - DIRECTNL DRILL & SURVEY       \$247,031.25         8015.2000       IDC - CONDUCTOR HOLE & SERVICE       \$42,500.00         8015.2150       IDC - DRILL BIT       \$98,000.00         8015.2200       IDC - BITS, TOOLS, STABILIZERS       \$60,000.00         8015.2300       IDC - FUEL / POWER       \$120,527.34         8015.2350       IDC - FUEL/MUD       \$66,515.63         8015.2400       IDC - RIG WATER       \$18,750.00         8015.2500       IDC - MUD/CHEMICALS/ACIDIZING       \$189,873.49         8015.2700       IDC - INSPECTION, TESTING & REPAIR       \$37,000.00         8015.3000       IDC - CEMENT SERV/FLOAT EQUIP       \$269,000.00         8015.3100       IDC - CASING CREW & TOOLS       \$70,000.00         8015.3200       IDC - CONTRACT LABOR/ROUSTABOUT       \$27,000.00         8015.3400       IDC - MATERIALS & SUPPLIES       \$5,000.00         8015.3500       IDC - TRUCKING/VACUUM/ TRANSP       \$22,500.00         8015.3600       IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM       \$58,968.75         8015.3700       IDC - DISPOSAL       \$113,000.00         8015.3800       IDC - WELLHEAD PREPARE/REPAIR       \$12,500.00	8015.1500	IDC - RIG MOB / TRUCKING	\$116,875.00	
8015.1900       IDC - DIRECTNL DRILL & SURVEY       \$247,031.25         8015.2000       IDC - CONDUCTOR HOLE & SERVICE       \$42,500.00         8015.2150       IDC - DRILL BIT       \$98,000.00         8015.2200       IDC - BITS, TOOLS, STABILIZERS       \$60,000.00         8015.2300       IDC - FUEL / POWER       \$120,527.34         8015.2350       IDC - FUEL/MUD       \$66,515.63         8015.2400       IDC - RIG WATER       \$18,750.00         8015.2500       IDC - MUD/CHEMICALS/ACIDIZING       \$189,873.49         8015.2700       IDC - INSPECTION, TESTING & REPAIR       \$37,000.00         8015.3000       IDC - CEMENT SERV/FLOAT EQUIP       \$269,000.00         8015.3100       IDC - CASING CREW & TOOLS       \$70,000.00         8015.3200       IDC - CONTRACT LABOR/ROUSTABOUT       \$27,000.00         8015.3400       IDC - MATERIALS & SUPPLIES       \$5,000.00         8015.3500       IDC - TRUCKING/VACUUM/ TRANSP       \$22,500.00         8015.3600       IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM       \$58,968.75         8015.3700       IDC - DISPOSAL       \$113,000.00         8015.3800       IDC - WELLHEAD PREPARE/REPAIR       \$12,500.00	8015.1600	IDC - RIG MOB / STANDBY RATE	\$36,800.00	
8015.1900       IDC - DIRECTNL DRILL & SURVEY       \$247,031.25         8015.2000       IDC - CONDUCTOR HOLE & SERVICE       \$42,500.00         8015.2150       IDC - DRILL BIT       \$98,000.00         8015.2200       IDC - BITS, TOOLS, STABILIZERS       \$60,000.00         8015.2300       IDC - FUEL / POWER       \$120,527.34         8015.2350       IDC - FUEL/MUD       \$66,515.63         8015.2400       IDC - RIG WATER       \$18,750.00         8015.2500       IDC - MUD/CHEMICALS/ACIDIZING       \$189,873.49         8015.2700       IDC - INSPECTION, TESTING & REPAIR       \$37,000.00         8015.3000       IDC - CEMENT SERV/FLOAT EQUIP       \$269,000.00         8015.3100       IDC - CASING CREW & TOOLS       \$70,000.00         8015.3200       IDC - CONTRACT LABOR/ROUSTABOUT       \$27,000.00         8015.3400       IDC - MATERIALS & SUPPLIES       \$5,000.00         8015.3500       IDC - TRUCKING/VACUUM/ TRANSP       \$22,500.00         8015.3600       IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM       \$58,968.75         8015.3700       IDC - DISPOSAL       \$113,000.00         8015.3800       IDC - WELLHEAD PREPARE/REPAIR       \$12,500.00	8015.1700	IDC - DAYWORK CONTRACT	\$586,500.00	
8015.2000       IDC - CONDUCTOR HOLE & SERVICE       \$42,500.00         8015.2150       IDC - DRILL BIT       \$98,000.00         8015.2200       IDC - BITS, TOOLS, STABILIZERS       \$60,000.00         8015.2300       IDC - FUEL / POWER       \$120,527.34         8015.2350       IDC - FUEL/MUD       \$66,515.63         8015.2400       IDC - RIG WATER       \$18,750.00         8015.2500       IDC - MUD/CHEMICALS/ACIDIZING       \$189,873.49         8015.2700       IDC - INSPECTION, TESTING & REPAIR       \$37,000.00         8015.3000       IDC - CEMENT SERV/FLOAT EQUIP       \$269,000.00         8015.3100       IDC - CASING CREW & TOOLS       \$70,000.00         8015.3200       IDC - CONTRACT LABOR/ROUSTABOUT       \$27,000.00         8015.3400       IDC - MATERIALS & SUPPLIES       \$5,000.00         8015.3500       IDC - TRUCKING/VACUUM/ TRANSP       \$22,500.00         8015.3600       IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM       \$58,968.75         8015.3700       IDC - DISPOSAL       \$113,000.00         8015.3800       IDC - WELLHEAD PREPARE/REPAIR       \$12,500.00	8015.1900	IDC - DIRECTNL DRILL & SURVEY		
8015.2150       IDC - DRILL BIT       \$98,000.00         8015.2200       IDC - BITS, TOOLS, STABILIZERS       \$60,000.00         8015.2300       IDC - FUEL / POWER       \$120,527.34         8015.2350       IDC - FUEL/MUD       \$66,515.63         8015.2400       IDC - RIG WATER       \$187,500.00         8015.2500       IDC - MUD/CHEMICALS/ACIDIZING       \$189,873.49         8015.2700       IDC - INSPECTION, TESTING & REPAIR       \$37,000.00         8015.3000       IDC - CEMENT SERV/FLOAT EQUIP       \$269,000.00         8015.3100       IDC - CASING CREW & TOOLS       \$70,000.00         8015.3200       IDC - CONTRACT LABOR/ROUSTABOUT       \$27,000.00         8015.3400       IDC - MATERIALS & SUPPLIES       \$5,000.00         8015.3500       IDC - TRUCKING/VACUUM/ TRANSP       \$22,500.00         8015.3600       IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM       \$58,968.75         8015.3700       IDC - DISPOSAL       \$113,000.00         8015.3800       IDC - WELLHEAD PREPARE/REPAIR       \$12,500.00		IDC - CONDUCTOR HOLE & SERVICE		
8015.2200       IDC - BITS, TOOLS, STABILIZERS       \$60,000.00         8015.2300       IDC - FUEL / POWER       \$120,527.34         8015.2350       IDC - FUEL/MUD       \$66,515.63         8015.2400       IDC - RIG WATER       \$187,50.00         8015.2500       IDC - MUD/CHEMICALS/ACIDIZING       \$189,873.49         8015.2700       IDC - INSPECTION, TESTING & REPAIR       \$37,000.00         8015.3000       IDC - CEMENT SERV/FLOAT EQUIP       \$269,000.00         8015.3100       IDC - CASING CREW & TOOLS       \$70,000.00         8015.3200       IDC - CONTRACT LABOR/ROUSTABOUT       \$27,000.00         8015.3400       IDC - MATERIALS & SUPPLIES       \$5,000.00         8015.3500       IDC - TRUCKING/VACUUM/ TRANSP       \$22,500.00         8015.3600       IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM       \$58,968.75         8015.3700       IDC - DISPOSAL       \$113,000.00         8015.3800       IDC - WELLHEAD PREPARE/REPAIR       \$12,500.00		IDC - DRILL BIT		
8015.2300       IDC - FUEL / POWER       \$120,527.34         8015.2350       IDC - FUEL/MUD       \$66,515.63         8015.2400       IDC - RIG WATER       \$18,750.00         8015.2500       IDC - MUD/CHEMICALS/ACIDIZING       \$189,873.49         8015.2700       IDC - INSPECTION, TESTING & REPAIR       \$37,000.00         8015.3000       IDC - CEMENT SERV/FLOAT EQUIP       \$269,000.00         8015.3100       IDC - CASING CREW & TOOLS       \$70,000.00         8015.3200       IDC - CONTRACT LABOR/ROUSTABOUT       \$27,000.00         8015.3400       IDC - MATERIALS & SUPPLIES       \$5,000.00         8015.3500       IDC - TRUCKING/VACUUM/ TRANSP       \$22,500.00         8015.3600       IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM       \$58,968.75         8015.3700       IDC - DISPOSAL       \$113,000.00         8015.3800       IDC - WELLHEAD PREPARE/REPAIR       \$12,500.00				
8015.2350       IDC - FUEL/MUD       \$66,515.63         8015.2400       IDC - RIG WATER       \$18,750.00         8015.2500       IDC - MUD/CHEMICALS/ACIDIZING       \$189,873.49         8015.2700       IDC - INSPECTION, TESTING & REPAIR       \$37,000.00         8015.3000       IDC - CEMENT SERV/FLOAT EQUIP       \$269,000.00         8015.3100       IDC - CASING CREW & TOOLS       \$70,000.00         8015.3200       IDC - CONTRACT LABOR/ROUSTABOUT       \$27,000.00         8015.3400       IDC - MATERIALS & SUPPLIES       \$5,000.00         8015.3500       IDC - TRUCKING/VACUUM/ TRANSP       \$22,500.00         8015.3600       IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM       \$58,968.75         8015.3700       IDC - DISPOSAL       \$113,000.00         8015.3800       IDC - WELLHEAD PREPARE/REPAIR       \$12,500.00				
8015.2400       IDC - RIG WATER       \$18,750.00         8015.2500       IDC - MUD/CHEMICALS/ACIDIZING       \$189,873.49         8015.2700       IDC - INSPECTION, TESTING & REPAIR       \$37,000.00         8015.3000       IDC - CEMENT SERV/FLOAT EQUIP       \$269,000.00         8015.3100       IDC - CASING CREW & TOOLS       \$70,000.00         8015.3200       IDC - CONTRACT LABOR/ROUSTABOUT       \$27,000.00         8015.3400       IDC - MATERIALS & SUPPLIES       \$5,000.00         8015.3500       IDC - TRUCKING/VACUUM/ TRANSP       \$22,500.00         8015.3600       IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM       \$58,968.75         8015.3700       IDC - DISPOSAL       \$113,000.00         8015.3800       IDC - WELLHEAD PREPARE/REPAIR       \$12,500.00			·	
8015.2500       IDC - MUD/CHEMICALS/ACIDIZING       \$189,873.49         8015.2700       IDC - INSPECTION, TESTING & REPAIR       \$37,000.00         8015.3000       IDC - CEMENT SERV/FLOAT EQUIP       \$269,000.00         8015.3100       IDC - CASING CREW & TOOLS       \$70,000.00         8015.3200       IDC - CONTRACT LABOR/ROUSTABOUT       \$27,000.00         8015.3400       IDC - MATERIALS & SUPPLIES       \$5,000.00         8015.3500       IDC - TRUCKING/VACUUM/ TRANSP       \$22,500.00         8015.3600       IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM       \$58,968.75         8015.3700       IDC - DISPOSAL       \$113,000.00         8015.3800       IDC - WELLHEAD PREPARE/REPAIR       \$12,500.00				
8015.2700       IDC - INSPECTION, TESTING & REPAIR       \$37,000.00         8015.3000       IDC - CEMENT SERV/FLOAT EQUIP       \$269,000.00         8015.3100       IDC - CASING CREW & TOOLS       \$70,000.00         8015.3200       IDC - CONTRACT LABOR/ROUSTABOUT       \$27,000.00         8015.3400       IDC - MATERIALS & SUPPLIES       \$5,000.00         8015.3500       IDC - TRUCKING/VACUUM/ TRANSP       \$22,500.00         8015.3600       IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM       \$58,968.75         8015.3700       IDC - DISPOSAL       \$113,000.00         8015.3800       IDC - WELLHEAD PREPARE/REPAIR       \$12,500.00				
8015.3000       IDC - CEMENT SERV/FLOAT EQUIP       \$269,000.00         8015.3100       IDC - CASING CREW & TOOLS       \$70,000.00         8015.3200       IDC - CONTRACT LABOR/ROUSTABOUT       \$27,000.00         8015.3400       IDC - MATERIALS & SUPPLIES       \$5,000.00         8015.3500       IDC - TRUCKING/VACUUM/ TRANSP       \$22,500.00         8015.3600       IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM       \$58,968.75         8015.3700       IDC - DISPOSAL       \$113,000.00         8015.3800       IDC - WELLHEAD PREPARE/REPAIR       \$12,500.00				
8015.3100       IDC - CASING CREW & TOOLS       \$70,000.00         8015.3200       IDC - CONTRACT LABOR/ROUSTABOUT       \$27,000.00         8015.3400       IDC - MATERIALS & SUPPLIES       \$5,000.00         8015.3500       IDC - TRUCKING/VACUUM/ TRANSP       \$22,500.00         8015.3600       IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM       \$58,968.75         8015.3700       IDC - DISPOSAL       \$113,000.00         8015.3800       IDC - WELLHEAD PREPARE/REPAIR       \$12,500.00		·		
8015.3200       IDC - CONTRACT LABOR/ROUSTABOUT       \$27,000.00         8015.3400       IDC - MATERIALS & SUPPLIES       \$5,000.00         8015.3500       IDC - TRUCKING/VACUUM/ TRANSP       \$22,500.00         8015.3600       IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM       \$58,968.75         8015.3700       IDC - DISPOSAL       \$113,000.00         8015.3800       IDC - WELLHEAD PREPARE/REPAIR       \$12,500.00				
8015.3400       IDC - MATERIALS & SUPPLIES       \$5,000.00         8015.3500       IDC - TRUCKING/VACUUM/ TRANSP       \$22,500.00         8015.3600       IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM       \$58,968.75         8015.3700       IDC - DISPOSAL       \$113,000.00         8015.3800       IDC - WELLHEAD PREPARE/REPAIR       \$12,500.00				
8015.3500       IDC - TRUCKING/VACUUM/ TRANSP       \$22,500.00         8015.3600       IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM       \$58,968.75         8015.3700       IDC - DISPOSAL       \$113,000.00         8015.3800       IDC - WELLHEAD PREPARE/REPAIR       \$12,500.00				
8015.3600       IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM       \$58,968.75         8015.3700       IDC - DISPOSAL       \$113,000.00         8015.3800       IDC - WELLHEAD PREPARE/REPAIR       \$12,500.00				
8015.3700       IDC - DISPOSAL       \$113,000.00         8015.3800       IDC - WELLHEAD PREPARE/REPAIR       \$12,500.00				
8015.3800 IDC - WELLHEAD PREPARE/REPAIR \$12,500.00				
8015.4100 IDC - RENTAL EQUIPMENT \$82,500.00				
	ou 10.4 IUU	IDC - KENTAL EQUIPMENT	\$82,500.00	

\$55,000.00

\$15,000.00

\$120,000.00

\$50,000.00

\$75,000.00

\$20,000.00

\$15,000.00

## PERMIAN

#### **Cost Estimate**

Printed Date: Sept 8, 2025 Gross Est. (\$) **Account Description** \$39,000.00 8015.4200 **IDC - MANCAMP** 8015.4300 **IDC - WELLSITE SUPERVISION** \$87,000.00 IDC - SAFETY / ENVIRONMENTAL 8015.4600 \$16,500.00 8015.5000 **IDC - WELL CONTROL INSURANCE** \$8,250.00 8015.5200 **IDC - CONTINGENCY** \$117,774.74 Sub-total \$2,734,991.20 **Drilling Tangible** 8020.1100 TDC - CASING - SURFACE \$81,436.38 8020.1200 TDC - CASING - INTERMEDIATE - 1 \$174,547.50 8020.1400 TDC - CASING - PRODUCTION \$469,808.88 8020.1500 TDC - WELLHEAD EQUIPMENT \$53,125.00 \$53,125,00 8020.1700 TDC - PACKER/DOWNHOLE TOOLS Sub-total \$832,042.76 Flowback Intangible IFC - ROADS LOCATIONS / PITS 8040.1100 \$2,000,00 8040.1899 IFC - FRAC WATER RECOVERY \$224,250.00 8040.2000 IFC - TRUCKING/VACUUM/TRANSP \$8.000.00 8040.2900 IFC - WELL TESTING / FLOWBACK \$98,000.00 8040.3400 **IFC - RENTAL EQUIPMENT** \$10,000.00 **IFC - TANK RENTALS** 8040.3420 \$10,000.00 8040.3430 IFC - SURFACE PUMP RENTAL \$10,000.00 8040.3500 **IFC - WELLSITE SUPERVISION** \$8,000.00 8040.4000 **IFC - CHEMICALS** \$14,000.00 Sub-total \$384,250.00 **Artificial Lift Intangible** IAL - ROAD, LOCATIONS, PITS \$2,000.00 8060.1100 8060.1200 IAL - WORKOVER RIG \$20,000.00 8060.1210 IAL - SPOOLING SERVICES \$10,000.00 8060.1900 IAL - INSPECTION & TESTING \$3,000.00 8060.2000 IAL - TRUCKING/VACUUM/TRANSP \$5,000.00 8060.2010 IAL - KILL TRUCK \$5,000.00 8060.2300 IAL - COMPLETION FLUIDS \$5,000.00 IAL - CONTRACT LABOR/ROUSTABOUT 8060.2600 \$15,000.00 8060.3400 IAL - RENTAL EQUIPMENT \$15,000.00 8060.3410 IAL - LAYDOWN MACHINE \$5,000.00 IAL - REVERSE UNIT RENTAL 8060.3420 \$5,000.00 IAL - WELLSITE SUPERVISION 8060.3500 \$10,000.00 Sub-total \$100,000.00

Page:	3	of	4	
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**Artificial Lift Tangible** 

8065.1100

8065.1300

8065.1310

8065.2000

8065.2100

8065.2200 8065.2500 TAL - TUBING

TAL - DOWNHOLE ARTIFICIAL LIFT EQPT

TAL - WELL SITE POWER EQUIPMENT/INSTALL

TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL

TAL - ESP EQUIPMENT/INSTALL

TAL - VALVES/CONNECTIONS/FTGS

TAL - WELLHEAD EQUIPMENT

## **Cost Estimate**

Account	<u>Description</u>		Gross Est. (\$)
8065.3100	TAL - MEASUREMENT EQUIPMENT		\$5,000.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA		\$5,000.00
		Sub-total	\$360,000.00
		Grand Total	\$8,253,386.96

Accepted and Approved By:  Company Name (If Applicable):	
By:	
Printed Name:	
Title:	
Date:	8

#### **Cost Estimate**

Printed Date: Sept 8, 2025

AFE Number: 500492 Description: BANE 4-9 FEDERAL COM 123H

AFE Name: BANE 4-9 FEDERAL COM 123H AFE TYPE: Drill & Complete - 2nd BSPG

Well Operator: PERMIAN RESOURCES

Operator AFE #:

Account	<u>Description</u>	Gross Est. (\$)
Facilities		
8035.1300	FAC - SURFACE DAMAGE	\$357.00
8035.1310	FAC - PERMANENT EASEMENT/ROW	\$1,429.00
8035.1400	FAC - ROAD LOCATIONS PITS	\$17,143.00
8035.1500	FAC - MATERIALS & SUPPLIES	\$2,857.00
8035.1600	FAC - TRANSPORTATION TRUCKING	\$357.00
8035.1700	FAC - RENTAL EQUIPMENT	\$7,143.00
8035.1800	FAC - FUEL / POWER	\$1,786.00
8035.1900	FAC - WATER DISPOSAL / SWD	\$286.00
8035.2000	FAC - WASTE DISPOSAL	\$286.00
8035.2100	FAC - INSPECTION & TESTING	\$179.00
8035.2200	FAC - CONTRACT LABOR / ROUSTAB	\$35,714.00
8035.2400	FAC - SUPERVISION	\$3,429.00
8035.2500	FAC - CONSULTING SERVICES	\$357.00
8035.2900	FAC - TANK BATTERY	\$30,084.00
8035.3000	FAC - HEATER TREATER/SEPARATOR	\$91,143.00
8035.3100	FAC - VRU RENTAL	\$1,429.00
8035.3200	FAC - VALVES FITTINGS & PIPE	\$65,000.00
8035.3300	FAC - CIRCULATING TRNSFER PUMP	\$5,821.00
8035.3400	FAC - METERS	\$19,929.00
8035.3600	FAC - ELECTRICAL	\$42,857.00
8035.3700	FAC - AUTOMATION MATERIAL	\$14,286.00
8035.3800	FAC - FLARE/COMBUSTER	\$8,714.00
8035.4000	FAC - SAFETY / ENVIRONMENTAL	\$1,071.00
8035.4400	FAC - COMPANY LABOR	\$357.00
8035.4500	FAC - CONTINGENCY	\$10,560.00
		Sub-total \$362,574.00
Pipeline		
8036.1310	PLN - PEMANENT EASEMENT	\$15,152.00
8036.2200	PLN - CONTRACT LABOR	\$55,140.00
8036.2800	PLN - FLOWLINE MATERIAL	\$55,140.00
8036.3200	PLN - VALVES FITTINGS & PIPE	\$10,000.00
8036.3610	PLN - POWER DISTRIBUTION MATERIAL	\$1,786.00
8036.3620	PLN - POWER DISTRIBUTION LABOR	\$1,786.00
		Sub-total \$139,004.00
Completion Intangible		
8025.1100	ICC - ROAD, LOCATIONS, PITS	\$10,500.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE	\$40,000.00
8025.1500	ICC - FUEL / POWER	\$304,700.00
8025.1600	ICC - COILED TUBING	\$247,983.00

## **Cost Estimate**

RESCONCES		Timed Bate. Ocht 0, 2020	
Account	Description	Gross Est.	<u>(\$)</u>
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK	\$18,795.0	00
8025.2000	ICC - TRUCKING	\$14,375.0	)0
8025.2200	ICC - ELECTRIC LOGGING / PERFORATING	\$235,305.0	00
8025.2300	ICC - COMPLETION FLUIDS	\$10,000.0	00
8025.2500	ICC - WELL STIMULATION/FRACTUR	\$1,621,941.0	00
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT	\$15,000.0	00
8025.3000	ICC - WATER HANDLING	\$200,000.0	00
8025.3050	ICC - SOURCE WATER	\$286,750.0	00
8025.3100	ICC - WELLHEAD/FRACTREE REPAIR	\$40,000.0	)0
8025.3400	ICC - RENTAL EQUIPMENT	\$173,376.0	00
8025.3500	ICC - WELLSITE SUPERVISION	\$44,550.0	00
8025.3600	ICC - SUPERVISION/ENGINEERING	\$5,000.0	00
8025.3700	ICC - SAFETY / ENVIRONMENTAL	\$15,000.0	00
8025.3800	ICC - OVERHEAD	\$10,000.0	00
		Sub-total \$3,293,275.0	00
Completion Tangible			
8030.2000	TCC - WELLHEAD EQUIPMENT	\$47,250.0	00
		Sub-total \$47,250.0	00
Drilling Intangible			
8015.1000	IDC - PERMITS,LICENSES,ETC	\$15,000.0	00
8015.1100	IDC - STAKING & SURVEYING	\$15,000.0	
8015.1200	IDC - LEGAL, TITLE SERVICES	\$13,000.0	
8015.1300	IDC - SURFACE DAMAGE / ROW	\$35,000.0	
8015.1310	IDC - PERMANENT EASEMENT	\$12,000.0	
8015.1400	IDC - ROAD, LOCATIONS, PITS	\$95,625.0	
8015.1500	IDC - RIG MOB / TRUCKING	\$116,875.0	
8015.1600	IDC - RIG MOB / STANDBY RATE	\$36,800.0	
8015.1700	IDC - DAYWORK CONTRACT	\$586,500.0	
8015.1900	IDC - DIRECTNL DRILL & SURVEY	\$247,031.2	
8015.2000	IDC - CONDUCTOR HOLE & SERVICE	\$42,500.0	
8015.2150	IDC - DRILL BIT	\$98,000.0	
8015.2200	IDC - BITS, TOOLS, STABILIZERS	\$60,000.0	
8015.2300	IDC - FUEL / POWER	\$120,527.3	
8015.2350	IDC - FUEL/MUD	\$66,515.6	
8015.2400	IDC - RIG WATER	\$18,750.0	
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING	\$189,873.4	
8015.2700	IDC - INSPECTION, TESTING & REPAIR	\$37,000.0	
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP	\$269,000.0	
8015.3100	IDC - CASING CREW & TOOLS	\$70,000.0	
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT	\$27,000.0	
8015.3400	IDC - MATERIALS & SUPPLIES	\$5,000.0	
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP	\$22,500.0	
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM	\$58,968.7	
8015.3700	IDC - DISPOSAL	\$113,000.C	
8015.3800	IDC - WELLHEAD PREPARE/REPAIR	\$12,500.0	
8015.4100	IDC - RENTAL EQUIPMENT	\$82,500.0	
55.5		\$52,500.0	. •

## **Cost Estimate**

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<u>Account</u>	<u>Description</u>		Gross Est. (\$)
8015.4200	IDC - MANCAMP		\$39,000.00
8015.4300	IDC - WELLSITE SUPERVISION		\$87,000.00
8015.4600	IDC - SAFETY / ENVIRONMENTAL		\$16,500.00
8015.5000	IDC - WELL CONTROL INSURANCE		\$8,250.00
8015.5200	IDC - CONTINGENCY		\$117,774.74
Drilling Tongible		Sub-total	\$2,734,991.20
Drilling Tangible 8020.1100	TDC - CASING - SURFACE		<b>CO1 126 20</b>
8020.1100	TDC - CASING - SURFACE  TDC - CASING - INTERMEDIATE - 1		\$81,436.38 \$174,547.50
8020.1400	TDC - CASING - PRODUCTION		\$469,808.88
8020.1500 8020.1700	TDC - WELLHEAD EQUIPMENT		\$53,125.00 \$53,125.00
8020.1700	TDC - PACKER/DOWNHOLE TOOLS	Sub-total	\$53,125.00 <b>\$832,042.76</b>
Flowback Intangible	3	Sub-total	<b>\$632,042.76</b>
8040.1100	IFC - ROADS LOCATIONS / PITS		\$2,000.00
8040.1899	IFC - FRAC WATER RECOVERY		\$224,250.00
8040.2000	IFC - TRUCKING/VACUUM/TRANSP		\$8,000.00
8040.2900	IFC - WELL TESTING / FLOWBACK		\$98,000.00
8040.3400	IFC - RENTAL EQUIPMENT		\$10,000.00
8040.3420	IFC - TANK RENTALS		\$10,000.00
8040.3430	IFC - SURFACE PUMP RENTAL		\$10,000.00
8040.3500	IFC - WELLSITE SUPERVISION		\$8,000.00
8040.4000	IFC - CHEMICALS		\$14,000.00
		Sub-total	\$384,250.00
Artificial Lift Intangi	ble		
8060.1100	IAL - ROAD, LOCATIONS, PITS		\$2,000.00
8060.1200	IAL - WORKOVER RIG		\$20,000.00
8060.1210	IAL - SPOOLING SERVICES		\$10,000.00
8060.1900	IAL - INSPECTION & TESTING		\$3,000.00
8060.2000	IAL - TRUCKING/VACUUM/TRANSP		\$5,000.00
8060.2010	IAL - KILL TRUCK		\$5,000.00
8060.2300	IAL - COMPLETION FLUIDS		\$5,000.00
8060.2600	IAL - CONTRACT LABOR/ROUSTABOUT		\$15,000.00
8060.3400	IAL - RENTAL EQUIPMENT		\$15,000.00
8060.3410	IAL - LAYDOWN MACHINE		\$5,000.00
8060.3420	IAL - REVERSE UNIT RENTAL		\$5,000.00
8060.3500	IAL - WELLSITE SUPERVISION		\$10,000.00
Artificial Lift Tangib	lo.	Sub-total	\$100,000.00
8065.1100	TAL - TUBING		\$55,000.00
8065.1300	TAL - TOBING  TAL - DOWNHOLE ARTIFICIAL LIFT EQPT		\$35,000.00 \$15,000.00
8065.1310	TAL - ESP EQUIPMENT/INSTALL		\$120,000.00
8065.2000	TAL - WELLHEAD EQUIPMENT		\$50,000.00
8065.2100	TAL - WELL SITE POWER EQUIPMENT/INSTALL		\$75,000.00
8065.2200	TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL		\$20,000.00
8065.2500	TAL - VALVES/CONNECTIONS/FTGS		\$15,000.00
0000.2000	THE VIEVEO CONTROL HONOTH TOO		ψ10,000.00

## **Cost Estimate**

Account	<u>Description</u>		Gross Est. (\$)
8065.3100	TAL - MEASUREMENT EQUIPMENT		\$5,000.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA		\$5,000.00
		Sub-total	\$360,000.00
		Grand Total	\$8,253,386.96

Accepted and Approved By: Company Name (If Applicable):	
Ву:	
Printed Name:	
Title:	
Date:	

#### **Cost Estimate**

Printed Date: Sept 8, 2025

AFE Number: 500493 Description: BANE 4-9 FEDERAL COM 124H

AFE Name: BANE 4-9 FEDERAL COM 124H AFE TYPE: Drill & Complete - 2nd BSPG

Well Operator: PERMIAN RESOURCES
Operator AFE #:

<u>count</u>	<u>Description</u>	Gross Est. (\$)
cilities		
35.1300	FAC - SURFACE DAMAGE	\$357.00
35.1310	FAC - PERMANENT EASEMENT/ROW	\$1,429.00
35.1400	FAC - ROAD LOCATIONS PITS	\$17,143.00
35.1500	FAC - MATERIALS & SUPPLIES	\$2,857.00
35.1600	FAC - TRANSPORTATION TRUCKING	\$357.00
35.1700	FAC - RENTAL EQUIPMENT	\$7,143.00
35.1800	FAC - FUEL / POWER	\$1,786.00
35.1900	FAC - WATER DISPOSAL / SWD	\$286.00
35.2000	FAC - WASTE DISPOSAL	\$286.00
35.2100	FAC - INSPECTION & TESTING	\$179.00
35.2200	FAC - CONTRACT LABOR / ROUSTAB	\$35,714.00
35.2400	FAC - SUPERVISION	\$3,429.00
35.2500	FAC - CONSULTING SERVICES	\$357.00
35.2900	FAC - TANK BATTERY	\$30,084.00
35.3000	FAC - HEATER TREATER/SEPARATOR	\$91,143.00
35.3100	FAC - VRU RENTAL	\$1,429.00
35.3200	FAC - VALVES FITTINGS & PIPE	\$65,000.00
35.3300	FAC - CIRCULATING TRNSFER PUMP	\$5,821.00
35.3400	FAC - METERS	\$19,929.00
35.3600	FAC - ELECTRICAL	\$42,857.00
35.3700	FAC - AUTOMATION MATERIAL	\$14,286.00
35.3800	FAC - FLARE/COMBUSTER	\$8,714.00
35.4000	FAC - SAFETY / ENVIRONMENTAL	\$1,071.00
35.4400	FAC - COMPANY LABOR	\$357.00
35.4500	FAC - CONTINGENCY	\$10,560.00
		Sub-total \$362,574.00
peline		
36.1310	PLN - PEMANENT EASEMENT	\$15,152.00
36.2200	PLN - CONTRACT LABOR	\$55,140.00
36.2800	PLN - FLOWLINE MATERIAL	\$55,140.00
36.3200	PLN - VALVES FITTINGS & PIPE	\$10,000.00
36.3610	PLN - POWER DISTRIBUTION MATERIAL	\$1,786.00
36.3620	PLN - POWER DISTRIBUTION LABOR	\$1,786.00
		Sub-total \$139,004.00
mpletion Intangible		
25.1100	ICC - ROAD, LOCATIONS, PITS	\$10,500.00
25.1400	ICC - WIRELINE OPEN/CASED HOLE	\$40,000.00
25.1500	ICC - FUEL / POWER	\$304,700.00
25.1600	ICC - COILED TUBING	\$247,983.00

### **Cost Estimate**

RESOURCES		Printed Date. Sept 6, 2025	
Account	<u>Description</u>		Gross Est. (\$)
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK		\$18,795.00
8025.2000	ICC - TRUCKING		\$14,375.00
8025.2200	ICC - ELECTRIC LOGGING / PERFORATING		\$235,305.00
8025.2300	ICC - COMPLETION FLUIDS		\$10,000.00
8025.2500	ICC - WELL STIMULATION/FRACTUR		\$1,621,941.00
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT		\$15,000.00
8025.3000	ICC - WATER HANDLING		\$200,000.00
8025.3050	ICC - SOURCE WATER		\$286,750.00
8025.3100	ICC - WELLHEAD/FRACTREE REPAIR		\$40,000.00
8025.3400	ICC - RENTAL EQUIPMENT		\$173,376.00
8025.3500	ICC - WELLSITE SUPERVISION		\$44,550.00
8025.3600	ICC - SUPERVISION/ENGINEERING		\$5,000.00
8025.3700	ICC - SAFETY / ENVIRONMENTAL		\$15,000.00
8025.3800	ICC - OVERHEAD		\$10,000.00
		Sub-total	\$3,293,275.00
Completion Tangible			
8030.2000	TCC - WELLHEAD EQUIPMENT		\$47,250.00
		Sub-total	\$47,250.00
Drilling Intangible			
8015.1000	IDC - PERMITS,LICENSES,ETC		\$15,000.00
8015.1100	IDC - STAKING & SURVEYING		\$15,000.00
8015.1200	IDC - LEGAL, TITLE SERVICES		\$13,000.00
8015.1300	IDC - SURFACE DAMAGE / ROW		\$35,000.00
8015.1310	IDC - PERMANENT EASEMENT		\$12,000.00
8015.1400	IDC - ROAD, LOCATIONS, PITS		\$95,625.00
8015.1500	IDC - RIG MOB / TRUCKING		\$116,875.00
8015.1600	IDC - RIG MOB / STANDBY RATE		\$36,800.00
8015.1700	IDC - DAYWORK CONTRACT		\$586,500.00
8015.1900	IDC - DIRECTNL DRILL & SURVEY		\$247,031.25
8015.2000	IDC - CONDUCTOR HOLE & SERVICE		\$42,500.00
8015.2150	IDC - DRILL BIT		\$98,000.00
8015.2200	IDC - BITS, TOOLS, STABILIZERS		\$60,000.00
8015.2300	IDC - FUEL / POWER		\$120,527.34
8015.2350	IDC - FUEL/MUD		\$66,515.63
8015.2400	IDC - RIG WATER		\$18,750.00
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING		\$189,873.49
8015.2700	IDC - INSPECTION, TESTING & REPAIR		\$37,000.00
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP		\$269,000.00
8015.3100	IDC - CASING CREW & TOOLS		\$70,000.00
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT		\$27,000.00
8015.3400	IDC - MATERIALS & SUPPLIES		\$5,000.00
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP		\$22,500.00
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM		\$58,968.75
8015.3700	IDC - DISPOSAL		\$113,000.00
8015.3800	IDC - WELLHEAD PREPARE/REPAIR		\$12,500.00
8015.4100	IDC - RENTAL EQUIPMENT		\$82,500.00

\$15,000.00

### PERMIAN

#### **Cost Estimate**

Printed Date: Sept 8, 2025 **Account Description** Gross Est. (\$) \$39,000.00 8015.4200 IDC - MANCAMP 8015.4300 **IDC - WELLSITE SUPERVISION** \$87,000.00 IDC - SAFETY / ENVIRONMENTAL 8015.4600 \$16,500.00 8015.5000 **IDC - WELL CONTROL INSURANCE** \$8,250.00 8015.5200 **IDC - CONTINGENCY** \$117,774.74 Sub-total \$2,734,991.20 **Drilling Tangible** 8020.1100 TDC - CASING - SURFACE \$81,436.38 8020.1200 TDC - CASING - INTERMEDIATE - 1 \$174,547.50 8020.1400 TDC - CASING - PRODUCTION \$469,808.88 8020.1500 TDC - WELLHEAD EQUIPMENT \$53,125.00 8020.1700 TDC - PACKER/DOWNHOLE TOOLS \$53.125.00 Sub-total \$832,042.76 Flowback Intangible IFC - ROADS LOCATIONS / PITS 8040.1100 \$2,000,00 8040.1899 IFC - FRAC WATER RECOVERY \$224,250.00 8040.2000 IFC - TRUCKING/VACUUM/TRANSP \$8.000.00 8040.2900 IFC - WELL TESTING / FLOWBACK \$98,000.00 8040.3400 **IFC - RENTAL EQUIPMENT** \$10,000.00 **IFC - TANK RENTALS** 8040.3420 \$10,000.00 IFC - SURFACE PUMP RENTAL \$10,000.00 8040.3430 8040.3500 **IFC - WELLSITE SUPERVISION** \$8,000.00 8040.4000 **IFC - CHEMICALS** \$14,000.00 Sub-total \$384,250.00 **Artificial Lift Intangible** IAL - ROAD, LOCATIONS, PITS \$2,000.00 8060.1100 8060.1200 IAL - WORKOVER RIG \$20,000.00 8060.1210 IAL - SPOOLING SERVICES \$10,000.00 8060.1900 IAL - INSPECTION & TESTING \$3,000.00 8060.2000 IAL - TRUCKING/VACUUM/TRANSP \$5,000.00 8060.2010 IAL - KILL TRUCK \$5,000.00 8060.2300 IAL - COMPLETION FLUIDS \$5,000.00 IAL - CONTRACT LABOR/ROUSTABOUT 8060.2600 \$15,000.00 IAL - RENTAL EQUIPMENT \$15,000.00 8060.3400 8060.3410 IAL - LAYDOWN MACHINE \$5,000.00 IAL - REVERSE UNIT RENTAL 8060.3420 \$5,000.00 IAL - WELLSITE SUPERVISION 8060.3500 \$10,000.00 Sub-total \$100,000.00 **Artificial Lift Tangible** TAL - TUBING 8065.1100 \$55,000.00 TAL - DOWNHOLE ARTIFICIAL LIFT EQPT 8065.1300 \$15,000.00 TAL - ESP EQUIPMENT/INSTALL 8065.1310 \$120,000.00 TAL - WELLHEAD EQUIPMENT 8065.2000 \$50,000.00 TAL - WELL SITE POWER EQUIPMENT/INSTALL 8065.2100 \$75,000.00 TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL \$20,000.00 8065.2200

8065.2500

TAL - VALVES/CONNECTIONS/FTGS

### **Cost Estimate**

<u>Account</u>	<u>Description</u>		Gross Est. (\$)
8065.3100	TAL - MEASUREMENT EQUIPMENT		\$5,000.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA		\$5,000.00
		Sub-total	\$360,000.00
		Grand Total	\$8,253,386.96

Accepted and Approved By:  Company Name (If Applicable):	
By:	
Printed Name:	
Title:	
Date:	8

#### **Cost Estimate**

Printed Date: Sept 8, 2025

AFE Number: 500502 Description: BANE 4-9 FEDERAL COM 125H

AFE Name: BANE 4-9 FEDERAL COM 125H AFE TYPE: Drill & Complete - 2nd BSPG

Well Operator: PERMIAN RESOURCES

Operator AFE #:

Account	<u>Description</u>		Gross Est. (\$)
Facilities			
8035.1300	FAC - SURFACE DAMAGE		\$357.00
8035.1310	FAC - PERMANENT EASEMENT/ROW		\$1,429.00
8035.1400	FAC - ROAD LOCATIONS PITS		\$17,143.00
8035.1500	FAC - MATERIALS & SUPPLIES		\$2,857.00
8035.1600	FAC - TRANSPORTATION TRUCKING		\$357.00
8035.1700	FAC - RENTAL EQUIPMENT		\$7,143.00
8035.1800	FAC - FUEL / POWER		\$1,786.00
8035.1900	FAC - WATER DISPOSAL / SWD		\$286.00
8035.2000	FAC - WASTE DISPOSAL		\$286.00
8035.2100	FAC - INSPECTION & TESTING		\$179.00
8035.2200	FAC - CONTRACT LABOR / ROUSTAB		\$35,714.00
8035.2400	FAC - SUPERVISION		\$3,429.00
8035.2500	FAC - CONSULTING SERVICES		\$357.00
8035.2900	FAC - TANK BATTERY		\$30,084.00
8035.3000	FAC - HEATER TREATER/SEPARATOR		\$91,143.00
8035.3100	FAC - VRU RENTAL		\$1,429.00
8035.3200	FAC - VALVES FITTINGS & PIPE		\$65,000.00
8035.3300	FAC - CIRCULATING TRNSFER PUMP		\$5,821.00
8035.3400	FAC - METERS		\$19,929.00
8035.3600	FAC - ELECTRICAL		\$42,857.00
8035.3700	FAC - AUTOMATION MATERIAL		\$14,286.00
8035.3800	FAC - FLARE/COMBUSTER		\$8,714.00
8035.4000	FAC - SAFETY / ENVIRONMENTAL		\$1,071.00
8035.4400	FAC - COMPANY LABOR		\$357.00
8035.4500	FAC - CONTINGENCY		\$10,560.00
		Sub-total	\$362,574.00
Pipeline			
8036.1310	PLN - PEMANENT EASEMENT		\$15,152.00
8036.2200	PLN - CONTRACT LABOR		\$55,140.00
8036.2800	PLN - FLOWLINE MATERIAL		\$55,140.00
8036.3200	PLN - VALVES FITTINGS & PIPE		\$10,000.00
8036.3610	PLN - POWER DISTRIBUTION MATERIAL		\$1,786.00
8036.3620	PLN - POWER DISTRIBUTION LABOR		\$1,786.00
		Sub-total	\$139,004.00
Completion Intangible			
8025.1100	ICC - ROAD, LOCATIONS, PITS		\$10,500.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE		\$40,000.00
8025.1500	ICC - FUEL / POWER		\$304,700.00
8025.1600	ICC - COILED TUBING		\$247,983.00

### **Cost Estimate**

RESCONCES		Timed Bate. Ocht 0, 2020	
Account	Description	Gross Est.	<u>(\$)</u>
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK	\$18,795.0	00
8025.2000	ICC - TRUCKING	\$14,375.0	)0
8025.2200	ICC - ELECTRIC LOGGING / PERFORATING	\$235,305.0	00
8025.2300	ICC - COMPLETION FLUIDS	\$10,000.0	00
8025.2500	ICC - WELL STIMULATION/FRACTUR	\$1,621,941.0	00
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT	\$15,000.0	00
8025.3000	ICC - WATER HANDLING	\$200,000.0	00
8025.3050	ICC - SOURCE WATER	\$286,750.0	00
8025.3100	ICC - WELLHEAD/FRACTREE REPAIR	\$40,000.0	)0
8025.3400	ICC - RENTAL EQUIPMENT	\$173,376.0	00
8025.3500	ICC - WELLSITE SUPERVISION	\$44,550.0	00
8025.3600	ICC - SUPERVISION/ENGINEERING	\$5,000.0	00
8025.3700	ICC - SAFETY / ENVIRONMENTAL	\$15,000.0	00
8025.3800	ICC - OVERHEAD	\$10,000.0	00
		Sub-total \$3,293,275.0	00
Completion Tangible			
8030.2000	TCC - WELLHEAD EQUIPMENT	\$47,250.0	00
		Sub-total \$47,250.0	00
Drilling Intangible			
8015.1000	IDC - PERMITS,LICENSES,ETC	\$15,000.0	00
8015.1100	IDC - STAKING & SURVEYING	\$15,000.0	
8015.1200	IDC - LEGAL, TITLE SERVICES	\$13,000.0	
8015.1300	IDC - SURFACE DAMAGE / ROW	\$35,000.0	
8015.1310	IDC - PERMANENT EASEMENT	\$12,000.0	
8015.1400	IDC - ROAD, LOCATIONS, PITS	\$95,625.0	
8015.1500	IDC - RIG MOB / TRUCKING	\$116,875.0	
8015.1600	IDC - RIG MOB / STANDBY RATE	\$36,800.0	
8015.1700	IDC - DAYWORK CONTRACT	\$586,500.0	
8015.1900	IDC - DIRECTNL DRILL & SURVEY	\$247,031.2	
8015.2000	IDC - CONDUCTOR HOLE & SERVICE	\$42,500.0	
8015.2150	IDC - DRILL BIT	\$98,000.0	
8015.2200	IDC - BITS, TOOLS, STABILIZERS	\$60,000.0	
8015.2300	IDC - FUEL / POWER	\$120,527.3	
8015.2350	IDC - FUEL/MUD	\$66,515.6	
8015.2400	IDC - RIG WATER	\$18,750.0	
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING	\$189,873.4	
8015.2700	IDC - INSPECTION, TESTING & REPAIR	\$37,000.0	
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP	\$269,000.0	
8015.3100	IDC - CASING CREW & TOOLS	\$70,000.0	
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT	\$27,000.0	
8015.3400	IDC - MATERIALS & SUPPLIES	\$5,000.0	
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP	\$22,500.0	
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM	\$58,968.7	
8015.3700	IDC - DISPOSAL	\$113,000.C	
8015.3800	IDC - WELLHEAD PREPARE/REPAIR	\$12,500.0	
8015.4100	IDC - RENTAL EQUIPMENT	\$82,500.0	
55.5		\$52,500.0	. •

Printed Date: Sept 8, 2025

# PERMIAN

#### **Cost Estimate**

**Account Description** Gross Est. (\$) \$39,000.00 8015.4200 IDC - MANCAMP 8015.4300 **IDC - WELLSITE SUPERVISION** \$87,000.00 IDC - SAFETY / ENVIRONMENTAL 8015.4600 \$16,500.00 8015.5000 **IDC - WELL CONTROL INSURANCE** \$8,250.00 8015.5200 **IDC - CONTINGENCY** \$117,774.74 Sub-total \$2,734,991.20 **Drilling Tangible** 8020.1100 TDC - CASING - SURFACE \$81,436.38 8020.1200 TDC - CASING - INTERMEDIATE - 1 \$174,547.50 8020.1400 TDC - CASING - PRODUCTION \$469,808.88 8020.1500 TDC - WELLHEAD EQUIPMENT \$53,125.00 8020.1700 TDC - PACKER/DOWNHOLE TOOLS \$53.125.00 Sub-total \$832,042.76 Flowback Intangible IFC - ROADS LOCATIONS / PITS 8040.1100 \$2,000,00 8040.1899 IFC - FRAC WATER RECOVERY \$224,250.00 8040.2000 IFC - TRUCKING/VACUUM/TRANSP \$8.000.00 8040.2900 IFC - WELL TESTING / FLOWBACK \$98,000.00 8040.3400 **IFC - RENTAL EQUIPMENT** \$10,000.00 **IFC - TANK RENTALS** 8040.3420 \$10,000.00 IFC - SURFACE PUMP RENTAL \$10,000.00 8040.3430 8040.3500 **IFC - WELLSITE SUPERVISION** \$8,000.00 8040.4000 **IFC - CHEMICALS** \$14,000.00 Sub-total \$384,250.00 **Artificial Lift Intangible** IAL - ROAD, LOCATIONS, PITS \$2,000.00 8060.1100 8060.1200 IAL - WORKOVER RIG \$20,000.00 8060.1210 IAL - SPOOLING SERVICES \$10,000.00 8060.1900 IAL - INSPECTION & TESTING \$3,000.00 8060.2000 IAL - TRUCKING/VACUUM/TRANSP \$5,000.00 8060.2010 IAL - KILL TRUCK \$5,000.00 8060.2300 IAL - COMPLETION FLUIDS \$5,000.00 IAL - CONTRACT LABOR/ROUSTABOUT 8060.2600 \$15,000.00 IAL - RENTAL EQUIPMENT \$15,000.00 8060.3400 8060.3410 IAL - LAYDOWN MACHINE \$5,000.00 IAL - REVERSE UNIT RENTAL 8060.3420 \$5,000.00 IAL - WELLSITE SUPERVISION 8060.3500 \$10,000.00 Sub-total \$100,000.00 **Artificial Lift Tangible** TAL - TUBING 8065.1100 \$55,000.00 TAL - DOWNHOLE ARTIFICIAL LIFT EQPT 8065.1300 \$15,000.00 TAL - ESP EQUIPMENT/INSTALL 8065.1310 \$120,000.00 TAL - WELLHEAD EQUIPMENT 8065.2000 \$50,000.00 TAL - WELL SITE POWER EQUIPMENT/INSTALL 8065.2100 \$75,000.00 TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL \$20,000.00 8065.2200 8065.2500 TAL - VALVES/CONNECTIONS/FTGS \$15,000.00

### **Cost Estimate**

Account	Description		Gross Est. (\$)
8065.3100	TAL - MEASUREMENT EQUIPMENT		\$5,000.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA		\$5,000.00
		Sub-total	\$360,000.00
		Grand Total	\$8,253,386.96

Accepted and Approved By:  Company Name (If Applicable):	
Ву:	
Printed Name:	<u></u> 8
Title:	<del></del>
Date:	

#### **Cost Estimate**

Printed Date: Sept 8, 2025

AFE Number: 500503 Description: BANE 4-9 FEDERAL COM 126H

AFE Name: BANE 4-9 FEDERAL COM 126H AFE TYPE: Drill & Complete - 2nd BSPG

Well Operator: PERMIAN RESOURCES

Operator AFE #: **Description** Gross Est. (\$) **Account Facilities** 8035.1300 FAC - SURFACE DAMAGE \$357.00 8035.1310 FAC - PERMANENT EASEMENT/ROW \$1,429.00 8035.1400 FAC - ROAD LOCATIONS PITS \$17,143.00 8035.1500 FAC - MATERIALS & SUPPLIES \$2,857.00 8035.1600 **FAC - TRANSPORTATION TRUCKING** \$357.00 FAC - RENTAL EQUIPMENT 8035.1700 \$7,143.00 FAC - FUEL / POWER 8035.1800 \$1,786.00 8035.1900 \$286.00 FAC - WATER DISPOSAL / SWD FAC - WASTE DISPOSAL 8035.2000 \$286.00 8035.2100 **FAC - INSPECTION & TESTING** \$179.00 FAC - CONTRACT LABOR / ROUSTAB 8035.2200 \$35,714.00 8035.2400 **FAC - SUPERVISION** \$3,429.00 8035.2500 FAC - CONSULTING SERVICES \$357.00 8035.2900 **FAC - TANK BATTERY** \$30,084.00 FAC - HEATER TREATER/SEPARATOR 8035.3000 \$91,143.00 FAC - VRU RENTAL 8035.3100 \$1,429.00 8035.3200 FAC - VALVES FITTINGS & PIPE \$65,000.00 FAC - CIRCULATING TRNSFER PUMP 8035.3300 \$5,821.00 8035.3400 **FAC - METERS** \$19,929.00 8035.3600 FAC - ELECTRICAL \$42,857.00 8035.3700 FAC - AUTOMATION MATERIAL \$14,286.00 8035.3800 FAC - FLARE/COMBUSTER \$8,714.00 8035.4000 FAC - SAFETY / ENVIRONMENTAL \$1,071.00 FAC - COMPANY LABOR 8035.4400 \$357.00 **FAC - CONTINGENCY** 8035.4500 \$10,560.00 Sub-total \$362,574.00 **Pipeline** 8036.1310 PLN - PEMANENT EASEMENT \$15,152.00 8036.2200 PLN - CONTRACT LABOR \$55,140.00 8036.2800 PLN - FLOWLINE MATERIAL \$55,140.00 8036.3200 PLN - VALVES FITTINGS & PIPE \$10,000.00 8036.3610 PLN - POWER DISTRIBUTION MATERIAL \$1,786.00 8036.3620 PLN - POWER DISTRIBUTION LABOR \$1,786.00 Sub-total \$139,004.00 **Completion Intangible** 8025.1100 ICC - ROAD, LOCATIONS, PITS \$10,500.00 8025.1400 ICC - WIRELINE OPEN/CASED HOLE \$40,000.00 8025.1500 ICC - FUEL / POWER \$304,700.00 8025.1600 ICC - COILED TUBING \$247,983.00

300 N Marienfeld Street, Suite 1000, Midland, TX 79701 TEL (432) 695-4222 www.permianres.com

### **Cost Estimate**

\$18,795.00 \$14,375.00 \$235,305.00 \$10,000.00
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\$1,621,941.00
\$15,000.00
\$200,000.00
\$286,750.00
\$40,000.00
\$173,376.00
\$44,550.00
\$5,000.00
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\$12,000.00
\$95,625.00
\$116,875.00
\$36,800.00
\$586,500.00
\$247,031.25
\$42,500.00
\$98,000.00
\$60,000.00
\$120,527.34
\$66,515.63
\$18,750.00
\$189,873.49
\$37,000.00
\$269,000.00
\$70,000.00
\$27,000.00
\$5,000.00
\$22,500.00
\$58,968.75
\$113,000.00
\$12,500.00
\$82,500.00
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Printed Date: Sept 8, 2025

### PERMIAN

#### **Cost Estimate**

**Account Description** Gross Est. (\$) \$39,000.00 8015.4200 IDC - MANCAMP 8015.4300 **IDC - WELLSITE SUPERVISION** \$87,000.00 IDC - SAFETY / ENVIRONMENTAL 8015.4600 \$16,500.00 8015.5000 **IDC - WELL CONTROL INSURANCE** \$8,250.00 8015.5200 **IDC - CONTINGENCY** \$117,774.74 Sub-total \$2,734,991.20 **Drilling Tangible** 8020.1100 TDC - CASING - SURFACE \$81,436.38 8020.1200 TDC - CASING - INTERMEDIATE - 1 \$174,547.50 8020.1400 TDC - CASING - PRODUCTION \$469,808.88 8020.1500 TDC - WELLHEAD EQUIPMENT \$53,125.00 TDC - PACKER/DOWNHOLE TOOLS 8020.1700 \$53.125.00 Sub-total \$832,042.76 Flowback Intangible IFC - ROADS LOCATIONS / PITS 8040.1100 \$2,000,00 8040.1899 IFC - FRAC WATER RECOVERY \$224,250.00 8040.2000 IFC - TRUCKING/VACUUM/TRANSP \$8.000.00 8040.2900 IFC - WELL TESTING / FLOWBACK \$98,000.00 8040.3400 **IFC - RENTAL EQUIPMENT** \$10,000.00 **IFC - TANK RENTALS** 8040.3420 \$10,000.00 IFC - SURFACE PUMP RENTAL \$10,000.00 8040.3430 8040.3500 **IFC - WELLSITE SUPERVISION** \$8,000.00 8040.4000 **IFC - CHEMICALS** \$14,000.00 Sub-total \$384,250.00 **Artificial Lift Intangible** IAL - ROAD, LOCATIONS, PITS \$2,000.00 8060.1100 8060.1200 IAL - WORKOVER RIG \$20,000.00 8060.1210 IAL - SPOOLING SERVICES \$10,000.00 8060.1900 IAL - INSPECTION & TESTING \$3,000.00 8060.2000 IAL - TRUCKING/VACUUM/TRANSP \$5,000.00 8060.2010 IAL - KILL TRUCK \$5,000.00 8060.2300 IAL - COMPLETION FLUIDS \$5,000.00 IAL - CONTRACT LABOR/ROUSTABOUT 8060.2600 \$15,000.00 IAL - RENTAL EQUIPMENT \$15,000.00 8060.3400 8060.3410 IAL - LAYDOWN MACHINE \$5,000.00 IAL - REVERSE UNIT RENTAL 8060.3420 \$5,000.00 IAL - WELLSITE SUPERVISION 8060.3500 \$10,000.00 Sub-total \$100,000.00 **Artificial Lift Tangible** TAL - TUBING 8065.1100 \$55,000.00 TAL - DOWNHOLE ARTIFICIAL LIFT EQPT 8065.1300 \$15,000.00 TAL - ESP EQUIPMENT/INSTALL 8065.1310 \$120,000.00 TAL - WELLHEAD EQUIPMENT 8065.2000 \$50,000.00 TAL - WELL SITE POWER EQUIPMENT/INSTALL 8065.2100 \$75,000.00 TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL \$20,000.00 8065.2200 8065.2500 TAL - VALVES/CONNECTIONS/FTGS \$15,000.00

### **Cost Estimate**

<u>Account</u>	<u>Description</u>		Gross Est. (\$)
8065.3100	TAL - MEASUREMENT EQUIPMENT		\$5,000.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA		\$5,000.00
		Sub-total	\$360,000.00
		Grand Total	\$8,253,386.96

Accepted and Approved By: Company Name (If Applicable):	
By:	
Printed Name:	
Title:	
Date:	

#### **Cost Estimate**

Printed Date: Sept 8, 2025

AFE Number: 500504 Description: BANE 4-9 FEDERAL COM 127H

AFE Name: BANE 4-9 FEDERAL COM 127H AFE TYPE: Drill & Complete - 2nd BSPG

Well Operator: PERMIAN RESOURCES

Operator AFE #:

Account	<u>Description</u>	Gross Est. (\$)
Facilities		
8035.1300	FAC - SURFACE DAMAGE	\$357.00
8035.1310	FAC - PERMANENT EASEMENT/ROW	\$1,429.00
8035.1400	FAC - ROAD LOCATIONS PITS	\$17,143.00
8035.1500	FAC - MATERIALS & SUPPLIES	\$2,857.00
8035.1600	FAC - TRANSPORTATION TRUCKING	\$357.00
8035.1700	FAC - RENTAL EQUIPMENT	\$7,143.00
8035.1800	FAC - FUEL / POWER	\$1,786.00
8035.1900	FAC - WATER DISPOSAL / SWD	\$286.00
8035.2000	FAC - WASTE DISPOSAL	\$286.00
8035.2100	FAC - INSPECTION & TESTING	\$179.00
8035.2200	FAC - CONTRACT LABOR / ROUSTAB	\$35,714.00
8035.2400	FAC - SUPERVISION	\$3,429.00
8035.2500	FAC - CONSULTING SERVICES	\$357.00
8035.2900	FAC - TANK BATTERY	\$30,084.00
8035.3000	FAC - HEATER TREATER/SEPARATOR	\$91,143.00
8035.3100	FAC - VRU RENTAL	\$1,429.00
8035.3200	FAC - VALVES FITTINGS & PIPE	\$65,000.00
8035.3300	FAC - CIRCULATING TRNSFER PUMP	\$5,821.00
8035.3400	FAC - METERS	\$19,929.00
8035.3600	FAC - ELECTRICAL	\$42,857.00
8035.3700	FAC - AUTOMATION MATERIAL	\$14,286.00
8035.3800	FAC - FLARE/COMBUSTER	\$8,714.00
8035.4000	FAC - SAFETY / ENVIRONMENTAL	\$1,071.00
8035.4400	FAC - COMPANY LABOR	\$357.00
8035.4500	FAC - CONTINGENCY	\$10,560.00
		Sub-total \$362,574.00
Pipeline		
8036.1310	PLN - PEMANENT EASEMENT	\$15,152.00
8036.2200	PLN - CONTRACT LABOR	\$55,140.00
8036.2800	PLN - FLOWLINE MATERIAL	\$55,140.00
8036.3200	PLN - VALVES FITTINGS & PIPE	\$10,000.00
8036.3610	PLN - POWER DISTRIBUTION MATERIAL	\$1,786.00
8036.3620	PLN - POWER DISTRIBUTION LABOR	\$1,786.00
		Sub-total \$139,004.00
Completion Intangible		
8025.1100	ICC - ROAD, LOCATIONS, PITS	\$10,500.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE	\$40,000.00
8025.1500	ICC - FUEL / POWER	\$304,700.00
8025.1600	ICC - COILED TUBING	\$247,983.00

### **Cost Estimate**

RESCORCES		Timed Bate. Ocht 6, 2020	•
Account	<u>Description</u>	Gross Est	<u>. (\$)</u>
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK	\$18,795	.00
8025.2000	ICC - TRUCKING	\$14,375	.00
8025.2200	ICC - ELECTRIC LOGGING / PERFORATING	\$235,305	.00
8025.2300	ICC - COMPLETION FLUIDS	\$10,000	.00
8025.2500	ICC - WELL STIMULATION/FRACTUR	\$1,621,941	.00
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT	\$15,000	.00
8025.3000	ICC - WATER HANDLING	\$200,000	.00
8025.3050	ICC - SOURCE WATER	\$286,750	.00
8025.3100	ICC - WELLHEAD/FRACTREE REPAIR	\$40,000	.00
8025.3400	ICC - RENTAL EQUIPMENT	\$173,376	.00
8025.3500	ICC - WELLSITE SUPERVISION	\$44,550	.00
8025.3600	ICC - SUPERVISION/ENGINEERING	\$5,000	.00
8025.3700	ICC - SAFETY / ENVIRONMENTAL	\$15,000	.00
8025.3800	ICC - OVERHEAD	\$10,000	.00
		Sub-total \$3,293,275	.00
Completion Tangible	e		
8030.2000	TCC - WELLHEAD EQUIPMENT	\$47,250	.00
		Sub-total \$47,250	.00
Drilling Intangible			
8015.1000	IDC - PERMITS,LICENSES,ETC	\$15,000	.00
8015.1100	IDC - STAKING & SURVEYING	\$15,000	.00
8015.1200	IDC - LEGAL, TITLE SERVICES	\$13,000	.00
8015.1300	IDC - SURFACE DAMAGE / ROW	\$35,000	.00
8015.1310	IDC - PERMANENT EASEMENT	\$12,000	.00
8015.1400	IDC - ROAD, LOCATIONS, PITS	\$95,625	.00
8015.1500	IDC - RIG MOB / TRUCKING	\$116,875	.00
8015.1600	IDC - RIG MOB / STANDBY RATE	\$36,800	.00
8015.1700	IDC - DAYWORK CONTRACT	\$586,500	.00
8015.1900	IDC - DIRECTNL DRILL & SURVEY	\$247,031	.25
8015.2000	IDC - CONDUCTOR HOLE & SERVICE	\$42,500	.00
8015.2150	IDC - DRILL BIT	\$98,000	.00
8015.2200	IDC - BITS, TOOLS, STABILIZERS	\$60,000	.00
8015.2300	IDC - FUEL / POWER	\$120,527	.34
8015.2350	IDC - FUEL/MUD	\$66,515	.63
8015.2400	IDC - RIG WATER	\$18,750	.00
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING	\$189,873	.49
8015.2700	IDC - INSPECTION, TESTING & REPAIR	\$37,000	.00
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP	\$269,000	.00
8015.3100	IDC - CASING CREW & TOOLS	\$70,000	.00
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT	\$27,000	.00
8015.3400	IDC - MATERIALS & SUPPLIES	\$5,000	.00
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP	\$22,500	.00
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM	\$58,968	.75
8015.3700	IDC - DISPOSAL	\$113,000	.00
8015.3800	IDC - WELLHEAD PREPARE/REPAIR	\$12,500	.00
8015.4100	IDC - RENTAL EQUIPMENT	\$82,500	.00

Printed Date: Sept 8, 2025

# PERMIAN

#### **Cost Estimate**

**Account Description** Gross Est. (\$) \$39,000.00 8015.4200 IDC - MANCAMP 8015.4300 **IDC - WELLSITE SUPERVISION** \$87,000.00 IDC - SAFETY / ENVIRONMENTAL 8015.4600 \$16,500.00 8015.5000 **IDC - WELL CONTROL INSURANCE** \$8,250.00 8015.5200 **IDC - CONTINGENCY** \$117,774.74 Sub-total \$2,734,991.20 **Drilling Tangible** \$81,436.38 8020.1100 TDC - CASING - SURFACE 8020.1200 TDC - CASING - INTERMEDIATE - 1 \$174,547.50 8020.1400 TDC - CASING - PRODUCTION \$469,808.88 8020.1500 TDC - WELLHEAD EQUIPMENT \$53,125.00 8020.1700 TDC - PACKER/DOWNHOLE TOOLS \$53.125.00 Sub-total \$832,042.76 Flowback Intangible IFC - ROADS LOCATIONS / PITS 8040.1100 \$2,000,00 8040.1899 IFC - FRAC WATER RECOVERY \$224,250.00 8040.2000 IFC - TRUCKING/VACUUM/TRANSP \$8.000.00 8040.2900 IFC - WELL TESTING / FLOWBACK \$98,000.00 8040.3400 **IFC - RENTAL EQUIPMENT** \$10,000.00 **IFC - TANK RENTALS** 8040.3420 \$10,000.00 8040.3430 IFC - SURFACE PUMP RENTAL \$10,000.00 8040.3500 **IFC - WELLSITE SUPERVISION** \$8,000.00 8040.4000 **IFC - CHEMICALS** \$14,000.00 Sub-total \$384,250.00 **Artificial Lift Intangible** IAL - ROAD, LOCATIONS, PITS \$2,000.00 8060.1100 8060.1200 IAL - WORKOVER RIG \$20,000.00 8060.1210 IAL - SPOOLING SERVICES \$10,000.00 8060.1900 IAL - INSPECTION & TESTING \$3,000.00 8060.2000 IAL - TRUCKING/VACUUM/TRANSP \$5,000.00 8060.2010 IAL - KILL TRUCK \$5,000.00 8060.2300 IAL - COMPLETION FLUIDS \$5,000.00 IAL - CONTRACT LABOR/ROUSTABOUT 8060.2600 \$15,000.00 8060.3400 IAL - RENTAL EQUIPMENT \$15,000.00 8060.3410 IAL - LAYDOWN MACHINE \$5,000.00 IAL - REVERSE UNIT RENTAL 8060.3420 \$5,000.00 IAL - WELLSITE SUPERVISION 8060.3500 \$10,000.00 Sub-total \$100,000.00 **Artificial Lift Tangible** TAL - TUBING 8065.1100 \$55,000.00 TAL - DOWNHOLE ARTIFICIAL LIFT EQPT 8065.1300 \$15,000.00 TAL - ESP EQUIPMENT/INSTALL 8065.1310 \$120,000.00 TAL - WELLHEAD EQUIPMENT 8065.2000 \$50,000.00 TAL - WELL SITE POWER EQUIPMENT/INSTALL 8065.2100 \$75,000.00 TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL \$20,000.00 8065.2200 8065.2500 TAL - VALVES/CONNECTIONS/FTGS \$15,000.00

### **Cost Estimate**

<u>Account</u>	<u>Description</u>		Gross Est. (\$)
8065.3100	TAL - MEASUREMENT EQUIPMENT		\$5,000.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA		\$5,000.00
		Sub-total	\$360,000.00
		Grand Total	\$8,253,386.96

Accepted and Approved By: Company Name (If Applicable):	
By:	
Printed Name:	
Title:	
Date:	

#### **Cost Estimate**

Printed Date: Sept 8, 2025

AFE Number: 500505 Description: BANE 4-9 FEDERAL COM 128H

AFE Name: BANE 4-9 FEDERAL COM 128H AFE TYPE: Drill & Complete - 2nd BSPG
Well Operator: PERMIAN RESOURCES

Well Operator:

Operator AFE #:

<u>Account</u>	<u>Description</u>		Gross Est. (\$)
Facilities			
8035.1300	FAC - SURFACE DAMAGE		\$357.00
8035.1310	FAC - PERMANENT EASEMENT/ROW		\$1,429.00
8035.1400	FAC - ROAD LOCATIONS PITS		\$17,143.00
8035.1500	FAC - MATERIALS & SUPPLIES		\$2,857.00
8035.1600	FAC - TRANSPORTATION TRUCKING		\$357.00
8035.1700	FAC - RENTAL EQUIPMENT		\$7,143.00
8035.1800	FAC - FUEL / POWER		\$1,786.00
8035.1900	FAC - WATER DISPOSAL / SWD		\$286.00
8035.2000	FAC - WASTE DISPOSAL		\$286.00
8035.2100	FAC - INSPECTION & TESTING		\$179.00
8035.2200	FAC - CONTRACT LABOR / ROUSTAB		\$35,714.00
8035.2400	FAC - SUPERVISION		\$3,429.00
8035.2500	FAC - CONSULTING SERVICES		\$357.00
8035.2900	FAC - TANK BATTERY		\$30,084.00
8035.3000	FAC - HEATER TREATER/SEPARATOR		\$91,143.00
8035.3100	FAC - VRU RENTAL		\$1,429.00
8035.3200	FAC - VALVES FITTINGS & PIPE		\$65,000.00
8035.3300	FAC - CIRCULATING TRNSFER PUMP		\$5,821.00
8035.3400	FAC - METERS		\$19,929.00
8035.3600	FAC - ELECTRICAL		\$42,857.00
8035.3700	FAC - AUTOMATION MATERIAL		\$14,286.00
8035.3800	FAC - FLARE/COMBUSTER		\$8,714.00
8035.4000	FAC - SAFETY / ENVIRONMENTAL		\$1,071.00
8035.4400	FAC - COMPANY LABOR		\$357.00
8035.4500	FAC - CONTINGENCY		\$10,560.00
		Sub-total	\$362,574.00
Pipeline			
8036.1310	PLN - PEMANENT EASEMENT		\$15,152.00
8036.2200	PLN - CONTRACT LABOR		\$55,140.00
8036.2800	PLN - FLOWLINE MATERIAL		\$55,140.00
8036.3200	PLN - VALVES FITTINGS & PIPE		\$10,000.00
8036.3610	PLN - POWER DISTRIBUTION MATERIAL		\$1,786.00
8036.3620	PLN - POWER DISTRIBUTION LABOR		\$1,786.00
		Sub-total	\$139,004.00
Completion Intangible			
8025.1100	ICC - ROAD, LOCATIONS, PITS		\$10,500.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE		\$40,000.00
8025.1500	ICC - FUEL / POWER		\$304,700.00
8025.1600	ICC - COILED TUBING		\$247,983.00

### **Cost Estimate**

RESCONCES		Timed Bate. Ocht 0, 2020	
Account	Description	Gross Est.	<u>(\$)</u>
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK	\$18,795.0	00
8025.2000	ICC - TRUCKING	\$14,375.0	)0
8025.2200	ICC - ELECTRIC LOGGING / PERFORATING	\$235,305.0	00
8025.2300	ICC - COMPLETION FLUIDS	\$10,000.0	00
8025.2500	ICC - WELL STIMULATION/FRACTUR	\$1,621,941.0	00
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT	\$15,000.0	00
8025.3000	ICC - WATER HANDLING	\$200,000.0	00
8025.3050	ICC - SOURCE WATER	\$286,750.0	00
8025.3100	ICC - WELLHEAD/FRACTREE REPAIR	\$40,000.0	)0
8025.3400	ICC - RENTAL EQUIPMENT	\$173,376.0	00
8025.3500	ICC - WELLSITE SUPERVISION	\$44,550.0	00
8025.3600	ICC - SUPERVISION/ENGINEERING	\$5,000.0	00
8025.3700	ICC - SAFETY / ENVIRONMENTAL	\$15,000.0	00
8025.3800	ICC - OVERHEAD	\$10,000.0	00
		Sub-total \$3,293,275.0	00
Completion Tangible			
8030.2000	TCC - WELLHEAD EQUIPMENT	\$47,250.0	00
		Sub-total \$47,250.0	00
Drilling Intangible			
8015.1000	IDC - PERMITS,LICENSES,ETC	\$15,000.0	00
8015.1100	IDC - STAKING & SURVEYING	\$15,000.0	
8015.1200	IDC - LEGAL, TITLE SERVICES	\$13,000.0	
8015.1300	IDC - SURFACE DAMAGE / ROW	\$35,000.0	
8015.1310	IDC - PERMANENT EASEMENT	\$12,000.0	
8015.1400	IDC - ROAD, LOCATIONS, PITS	\$95,625.0	
8015.1500	IDC - RIG MOB / TRUCKING	\$116,875.0	
8015.1600	IDC - RIG MOB / STANDBY RATE	\$36,800.0	
8015.1700	IDC - DAYWORK CONTRACT	\$586,500.0	
8015.1900	IDC - DIRECTNL DRILL & SURVEY	\$247,031.2	
8015.2000	IDC - CONDUCTOR HOLE & SERVICE	\$42,500.0	
8015.2150	IDC - DRILL BIT	\$98,000.0	
8015.2200	IDC - BITS, TOOLS, STABILIZERS	\$60,000.0	
8015.2300	IDC - FUEL / POWER	\$120,527.3	
8015.2350	IDC - FUEL/MUD	\$66,515.6	
8015.2400	IDC - RIG WATER	\$18,750.0	
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING	\$189,873.4	
8015.2700	IDC - INSPECTION, TESTING & REPAIR	\$37,000.0	
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP	\$269,000.0	
8015.3100	IDC - CASING CREW & TOOLS	\$70,000.0	
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT	\$27,000.0	
8015.3400	IDC - MATERIALS & SUPPLIES	\$5,000.0	
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP	\$22,500.0	
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM	\$58,968.7	
8015.3700	IDC - DISPOSAL	\$113,000.C	
8015.3800	IDC - WELLHEAD PREPARE/REPAIR	\$12,500.0	
8015.4100	IDC - RENTAL EQUIPMENT	\$82,500.0	
55.5		\$52,500.0	. •

#### **Cost Estimate**

Printed Date: Sept 8, 2025 **Description** Gross Est. (\$) **Account** \$39,000.00 8015.4200 **IDC - MANCAMP** 8015.4300 **IDC - WELLSITE SUPERVISION** \$87,000.00 IDC - SAFETY / ENVIRONMENTAL 8015.4600 \$16,500.00 8015.5000 **IDC - WELL CONTROL INSURANCE** \$8,250.00 8015.5200 **IDC - CONTINGENCY** \$117,774.74 Sub-total \$2,734,991.20 **Drilling Tangible** 8020.1100 TDC - CASING - SURFACE \$81,436.38 TDC - CASING - INTERMEDIATE - 1 \$174,547.50 8020.1200 8020.1400 TDC - CASING - PRODUCTION \$469,808.88 8020.1500 TDC - WELLHEAD EQUIPMENT \$53,125.00 TDC - PACKER/DOWNHOLE TOOLS \$53,125.00 8020.1700 Sub-total \$832,042.76 Flowback Intangible IFC - ROADS LOCATIONS / PITS 8040.1100 \$2,000.00 8040.1899 IFC - FRAC WATER RECOVERY \$224,250.00 8040.2000 IFC - TRUCKING/VACUUM/TRANSP \$8,000.00 IFC - WELL TESTING / FLOWBACK 8040.2900 \$98,000.00 **IFC - RENTAL EQUIPMENT** 8040.3400 \$10,000.00 8040.3420 **IFC - TANK RENTALS** \$10,000.00 8040.3430 IFC - SURFACE PUMP RENTAL \$10,000.00 8040.3500 **IFC - WELLSITE SUPERVISION** \$8,000.00 8040.4000 **IFC - CHEMICALS** \$14,000.00 Sub-total \$384,250.00 **Artificial Lift Intangible** 8060.1100 IAL - ROAD, LOCATIONS, PITS \$2,000.00 8060.1200 IAL - WORKOVER RIG \$20,000.00 8060.1210 IAL - SPOOLING SERVICES \$10,000.00 8060.1900 IAL - INSPECTION & TESTING \$3,000.00

8060.2000	IAL - TRUCKING/VACUUM/TRANSP		\$5,000.00
8060.2010	IAL - KILL TRUCK		\$5,000.00
8060.2300	IAL - COMPLETION FLUIDS		\$5,000.00
8060.2600	IAL - CONTRACT LABOR/ROUSTABOUT		\$15,000.00
8060.3400	IAL - RENTAL EQUIPMENT		\$15,000.00
8060.3410	IAL - LAYDOWN MACHINE		\$5,000.00
8060.3420	IAL - REVERSE UNIT RENTAL		\$5,000.00
8060.3500	IAL - WELLSITE SUPERVISION		\$10,000.00
		Sub-total	\$100,000.00

•		
8065.1100	TAL - TUBING	\$55,000.00
8065.1300	TAL - DOWNHOLE ARTIFICIAL LIFT EQPT	\$15,000.00
8065.1310	TAL - ESP EQUIPMENT/INSTALL	\$120,000.00
8065.2000	TAL - WELLHEAD EQUIPMENT	\$50,000.00
8065.2100	TAL - WELL SITE POWER EQUIPMENT/INSTALL	\$75,000.00
8065.2200	TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL	\$20,000.00
8065.2500	TAL - VALVES/CONNECTIONS/FTGS	\$15,000.00

**Artificial Lift Tangible** 

### **Cost Estimate**

Account	<u>Description</u>		Gross Est. (\$)
8065.3100	TAL - MEASUREMENT EQUIPMENT		\$5,000.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA		\$5,000.00
		Sub-total	\$360,000.00
		Grand Total	\$8,253,386.96

Accepted and Approved By:  Company Name (If Applicable):	
By:	
Printed Name:	
Title:	
Date:	8



#### **Cost Estimate**

Printed Date: Sept 8, 2025

AFE Number: 500494 Description: BANE 4-9 FEDERAL COM 131H

AFE Name: BANE 4-9 FEDERAL COM 131H AFE TYPE: Drill & Complete - 3rd BSPG

Well Operator: PERMIAN RESOURCES

Operator AFE #:

Account	Description	Gross Est. (\$
Facilities		
8035.1300	FAC - SURFACE DAMAGE	\$357.00
8035.1310	FAC - PERMANENT EASEMENT/ROW	\$1,429.00
8035.1400	FAC - ROAD LOCATIONS PITS	\$17,143.00
8035.1500	FAC - MATERIALS & SUPPLIES	\$2,857.00
8035.1600	FAC - TRANSPORTATION TRUCKING	\$357.00
8035.1700	FAC - RENTAL EQUIPMENT	\$7,143.00
8035.1800	FAC - FUEL / POWER	\$1,786.00
8035.1900	FAC - WATER DISPOSAL / SWD	\$286.00
8035.2000	FAC - WASTE DISPOSAL	\$286.00
8035.2100	FAC - INSPECTION & TESTING	\$179.00
8035.2200	FAC - CONTRACT LABOR / ROUSTAB	\$35,714.00
8035.2400	FAC - SUPERVISION	\$3,429.00
8035.2500	FAC - CONSULTING SERVICES	\$357.00
8035.2900	FAC - TANK BATTERY	\$30,084.00
8035.3000	FAC - HEATER TREATER/SEPARATOR	\$91,143.00
8035.3100	FAC - VRU RENTAL	\$1,429.00
8035.3200	FAC - VALVES FITTINGS & PIPE	\$65,000.00
8035.3300	FAC - CIRCULATING TRNSFER PUMP	\$5,821.00
8035.3400	FAC - METERS	\$19,929.00
8035.3600	FAC - ELECTRICAL	\$42,857.00
8035.3700	FAC - AUTOMATION MATERIAL	\$14,286.00
8035.3800	FAC - FLARE/COMBUSTER	\$8,714.00
8035.4000	FAC - SAFETY / ENVIRONMENTAL	\$1,071.00
8035.4400	FAC - COMPANY LABOR	\$357.00
8035.4500	FAC - CONTINGENCY	\$10,560.00
		Sub-total \$362,574.00
Pipeline		
8036.1310	PLN - PEMANENT EASEMENT	\$15,152.00
8036.2200	PLN - CONTRACT LABOR	\$55,140.00
8036.2800	PLN - FLOWLINE MATERIAL	\$55,140.00
8036.3200	PLN - VALVES FITTINGS & PIPE	\$10,000.00
8036.3610	PLN - POWER DISTRIBUTION MATERIAL	\$1,786.00
8036.3620	PLN - POWER DISTRIBUTION LABOR	\$1,786.00
		Sub-total \$139,004.00
Completion Intangible		
8025.1100	ICC - ROAD, LOCATIONS, PITS	\$10,500.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE	\$40,000.00
8025.1500	ICC - FUEL / POWER	\$319,442.00
8025.1600	ICC - COILED TUBING	\$247,983.00

300 N Marienfeld Street, Suite 1000, Midland, TX 79701 TEL (432) 695-4222 www.permianres.com

Page: 1 of 4 -

### **Cost Estimate**

RESCONCES		1 milea E	atc. Ocpt 0, 2020
<u>Account</u>	<u>Description</u>		Gross Est. (\$)
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK		\$19,478.00
8025.2000	ICC - TRUCKING		\$14,375.00
8025.2200	ICC - ELECTRIC LOGGING / PERFORATING		\$238,665.00
8025.2300	ICC - COMPLETION FLUIDS		\$10,000.00
8025.2500	ICC - WELL STIMULATION/FRACTUR		\$1,723,670.00
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT		\$15,000.00
8025.3000	ICC - WATER HANDLING		\$209,524.00
8025.3050	ICC - SOURCE WATER		\$300,405.00
8025.3100	ICC - WELLHEAD/FRACTREE REPAIR		\$40,000.00
8025.3400	ICC - RENTAL EQUIPMENT		\$178,790.00
8025.3500	ICC - WELLSITE SUPERVISION		\$46,575.00
8025.3600	ICC - SUPERVISION/ENGINEERING		\$5,000.00
8025.3700	ICC - SAFETY / ENVIRONMENTAL		\$15,000.00
8025.3800	ICC - OVERHEAD		\$10,000.00
		Sub-total	\$3,444,407.00
Completion Tangible			
8030.2000	TCC - WELLHEAD EQUIPMENT		\$47,250.00
		Sub-total	\$47,250.00
Drilling Intangible			
8015.1000	IDC - PERMITS,LICENSES,ETC		\$15,000.00
8015.1100	IDC - STAKING & SURVEYING		\$15,000.00
8015.1200	IDC - LEGAL, TITLE SERVICES		\$13,000.00
8015.1300	IDC - SURFACE DAMAGE / ROW		\$35,000.00
8015.1310	IDC - PERMANENT EASEMENT		\$12,000.00
8015.1400	IDC - ROAD, LOCATIONS, PITS		\$95,625.00
8015.1500	IDC - RIG MOB / TRUCKING		\$116,875.00
8015.1600	IDC - RIG MOB / STANDBY RATE		\$36,800.00
8015.1700	IDC - DAYWORK CONTRACT		\$606,050.00
8015.1900	IDC - DIRECTNL DRILL & SURVEY		\$255,265.63
8015.2000	IDC - CONDUCTOR HOLE & SERVICE		\$42,500.00
8015.2150	IDC - DRILL BIT		\$105,500.00
8015.2200	IDC - BITS, TOOLS, STABILIZERS		\$61,500.00
8015.2300	IDC - FUEL / POWER		\$124,544.92
8015.2350	IDC - FUEL/MUD		\$81,984.38
8015.2400	IDC - RIG WATER		\$19,375.00
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING		\$193,739.52
8015.2700	IDC - INSPECTION, TESTING & REPAIR		\$37,000.00
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP		\$292,025.00
8015.3100	IDC - CASING CREW & TOOLS		\$75,250.00
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT		\$27,000.00
8015.3400	IDC - MATERIALS & SUPPLIES		\$5,000.00
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP		\$23,250.00
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM		\$60,934.38
8015.3700	IDC - DISPOSAL		\$114,600.00
8015.3800	IDC - WELLHEAD PREPARE/REPAIR		\$12,500.00
8015.4100	IDC - RENTAL EQUIPMENT		\$85,250.00

\$15,000.00

# PERMIAN

#### **Cost Estimate**

Printed Date: Sept 8, 2025 Gross Est. (\$) **Account Description** 8015.4200 **IDC - MANCAMP** \$40,300.00 8015.4300 **IDC - WELLSITE SUPERVISION** \$89,900.00 IDC - SAFETY / ENVIRONMENTAL 8015.4600 \$17,050.00 8015.5000 **IDC - WELL CONTROL INSURANCE** \$8,525.00 8015.5200 **IDC - CONTINGENCY** \$122,325.47 Sub-total \$2,840,669.30 **Drilling Tangible** 8020.1100 TDC - CASING - SURFACE \$81,436.38 8020.1200 TDC - CASING - INTERMEDIATE - 1 \$174,547.50 8020.1400 TDC - CASING - PRODUCTION \$549,919.68 8020.1500 TDC - WELLHEAD EQUIPMENT \$53,125.00 8020.1700 TDC - PACKER/DOWNHOLE TOOLS \$53.125.00 Sub-total \$912,153.56 Flowback Intangible IFC - ROADS LOCATIONS / PITS 8040.1100 \$2,000,00 8040.1899 IFC - FRAC WATER RECOVERY \$343,465.85 8040.2000 IFC - TRUCKING/VACUUM/TRANSP \$8.000.00 8040.2900 IFC - WELL TESTING / FLOWBACK \$98,000.00 8040.3400 **IFC - RENTAL EQUIPMENT** \$10,000.00 **IFC - TANK RENTALS** 8040.3420 \$10,000.00 IFC - SURFACE PUMP RENTAL \$10,000.00 8040.3430 8040.3500 **IFC - WELLSITE SUPERVISION** \$8,000.00 8040.4000 **IFC - CHEMICALS** \$14,000.00 Sub-total \$503,465.85 **Artificial Lift Intangible** IAL - ROAD, LOCATIONS, PITS \$2,000.00 8060.1100 8060.1200 IAL - WORKOVER RIG \$20,000.00 8060.1210 IAL - SPOOLING SERVICES \$10,000.00 8060.1900 IAL - INSPECTION & TESTING \$3,000.00 8060.2000 IAL - TRUCKING/VACUUM/TRANSP \$5,000.00 8060.2010 IAL - KILL TRUCK \$5,000.00 8060.2300 IAL - COMPLETION FLUIDS \$5,000.00 IAL - CONTRACT LABOR/ROUSTABOUT 8060.2600 \$15,000.00 IAL - RENTAL EQUIPMENT \$15,000.00 8060.3400 8060.3410 IAL - LAYDOWN MACHINE \$5,000.00 IAL - REVERSE UNIT RENTAL 8060.3420 \$5,000.00 IAL - WELLSITE SUPERVISION 8060.3500 \$10,000.00 Sub-total \$100,000.00 **Artificial Lift Tangible** TAL - TUBING 8065.1100 \$55,000.00 TAL - DOWNHOLE ARTIFICIAL LIFT EQPT 8065.1300 \$15,000.00 TAL - ESP EQUIPMENT/INSTALL 8065.1310 \$120,000.00 TAL - WELLHEAD EQUIPMENT 8065.2000 \$50,000.00 TAL - WELL SITE POWER EQUIPMENT/INSTALL 8065.2100 \$75,000.00 TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL \$20,000.00 8065.2200

8065.2500

TAL - VALVES/CONNECTIONS/FTGS

### **Cost Estimate**

<u>Account</u>	<u>Description</u>		Gross Est. (\$)
8065.3100	TAL - MEASUREMENT EQUIPMENT		\$5,000.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA		\$5,000.00
		Sub-total	\$360,000.00
		Grand Total	\$8,709,523.71

Accepted and Approved By:	
Company Name (If Applicable):	
Ву:	
Printed Name:	8
Title:	
Date:	8

#### **Cost Estimate**

Printed Date: Sept 8, 2025

AFE Number: 500495 Description: BANE 4-9 FEDERAL COM 132H

AFE Name: BANE 4-9 FEDERAL COM 132H AFE TYPE: Drill & Complete - 3rd BSPG

Well Operator: PERMIAN RESOURCES

Operator AFE #:

Account	<u>Description</u>		Gross Est. (\$)
Facilities			
8035.1300	FAC - SURFACE DAMAGE		\$357.00
8035.1310	FAC - PERMANENT EASEMENT/ROW		\$1,429.00
8035.1400	FAC - ROAD LOCATIONS PITS		\$17,143.00
8035.1500	FAC - MATERIALS & SUPPLIES		\$2,857.00
8035.1600	FAC - TRANSPORTATION TRUCKING		\$357.00
8035.1700	FAC - RENTAL EQUIPMENT		\$7,143.00
8035.1800	FAC - FUEL / POWER		\$1,786.00
8035.1900	FAC - WATER DISPOSAL / SWD		\$286.00
8035.2000	FAC - WASTE DISPOSAL		\$286.00
8035.2100	FAC - INSPECTION & TESTING		\$179.00
8035.2200	FAC - CONTRACT LABOR / ROUSTAB		\$35,714.00
8035.2400	FAC - SUPERVISION		\$3,429.00
8035.2500	FAC - CONSULTING SERVICES		\$357.00
8035.2900	FAC - TANK BATTERY		\$30,084.00
8035.3000	FAC - HEATER TREATER/SEPARATOR		\$91,143.00
8035.3100	FAC - VRU RENTAL		\$1,429.00
8035.3200	FAC - VALVES FITTINGS & PIPE		\$65,000.00
8035.3300	FAC - CIRCULATING TRNSFER PUMP		\$5,821.00
8035.3400	FAC - METERS		\$19,929.00
8035.3600	FAC - ELECTRICAL		\$42,857.00
8035.3700	FAC - AUTOMATION MATERIAL		\$14,286.00
8035.3800	FAC - FLARE/COMBUSTER		\$8,714.00
8035.4000	FAC - SAFETY / ENVIRONMENTAL		\$1,071.00
8035.4400	FAC - COMPANY LABOR		\$357.00
8035.4500	FAC - CONTINGENCY		\$10,560.00
		Sub-total	\$362,574.00
Pipeline			
8036.1310	PLN - PEMANENT EASEMENT		\$15,152.00
8036.2200	PLN - CONTRACT LABOR		\$55,140.00
8036.2800	PLN - FLOWLINE MATERIAL		\$55,140.00
8036.3200	PLN - VALVES FITTINGS & PIPE		\$10,000.00
8036.3610	PLN - POWER DISTRIBUTION MATERIAL		\$1,786.00
8036.3620	PLN - POWER DISTRIBUTION LABOR		\$1,786.00
		Sub-total	\$139,004.00
Completion Intangible			
8025.1100	ICC - ROAD, LOCATIONS, PITS		\$10,500.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE		\$40,000.00
8025.1500	ICC - FUEL / POWER		\$319,442.00
8025.1600	ICC - COILED TUBING		\$247,983.00

### **Cost Estimate**

RESCONCES		i ilitea E	atc. <b>GCpt</b> 6, 2020
<u>Account</u>	<u>Description</u>		Gross Est. (\$)
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK		\$19,478.00
8025.2000	ICC - TRUCKING		\$14,375.00
8025.2200	ICC - ELECTRIC LOGGING / PERFORATING		\$238,665.00
8025.2300	ICC - COMPLETION FLUIDS		\$10,000.00
8025.2500	ICC - WELL STIMULATION/FRACTUR		\$1,723,670.00
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT		\$15,000.00
8025.3000	ICC - WATER HANDLING		\$209,524.00
8025.3050	ICC - SOURCE WATER		\$300,405.00
8025.3100	ICC - WELLHEAD/FRACTREE REPAIR		\$40,000.00
8025.3400	ICC - RENTAL EQUIPMENT		\$178,790.00
8025.3500	ICC - WELLSITE SUPERVISION		\$46,575.00
8025.3600	ICC - SUPERVISION/ENGINEERING		\$5,000.00
8025.3700	ICC - SAFETY / ENVIRONMENTAL		\$15,000.00
8025.3800	ICC - OVERHEAD		\$10,000.00
		Sub-total	\$3,444,407.00
Completion Tangible	e		
8030.2000	TCC - WELLHEAD EQUIPMENT		\$47,250.00
		Sub-total	\$47,250.00
Drilling Intangible			
8015.1000	IDC - PERMITS,LICENSES,ETC		\$15,000.00
8015.1100	IDC - STAKING & SURVEYING		\$15,000.00
8015.1200	IDC - LEGAL, TITLE SERVICES		\$13,000.00
8015.1300	IDC - SURFACE DAMAGE / ROW		\$35,000.00
8015.1310	IDC - PERMANENT EASEMENT		\$12,000.00
8015.1400	IDC - ROAD, LOCATIONS, PITS		\$95,625.00
8015.1500	IDC - RIG MOB / TRUCKING		\$116,875.00
8015.1600	IDC - RIG MOB / STANDBY RATE		\$36,800.00
8015.1700	IDC - DAYWORK CONTRACT		\$606,050.00
8015.1900	IDC - DIRECTNL DRILL & SURVEY		\$255,265.63
8015.2000	IDC - CONDUCTOR HOLE & SERVICE		\$42,500.00
8015.2150	IDC - DRILL BIT		\$105,500.00
8015.2200	IDC - BITS, TOOLS, STABILIZERS		\$61,500.00
8015.2300	IDC - FUEL / POWER		\$124,544.92
8015.2350	IDC - FUEL/MUD		\$81,984.38
8015.2400	IDC - RIG WATER		\$19,375.00
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING		\$193,739.52
8015.2700	IDC - INSPECTION, TESTING & REPAIR		\$37,000.00
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP		\$292,025.00
8015.3100	IDC - CASING CREW & TOOLS		\$75,250.00
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT		\$27,000.00
8015.3400	IDC - MATERIALS & SUPPLIES		\$5,000.00
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP		\$23,250.00
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM		\$60,934.38
8015.3700	IDC - DISPOSAL		\$114,600.00
8015.3800	IDC - WELLHEAD PREPARE/REPAIR		\$12,500.00
8015.4100	IDC - RENTAL EQUIPMENT		\$85,250.00

Printed Date: Sept 8, 2025

# PERMIAN

#### **Cost Estimate**

**Account Description** Gross Est. (\$) 8015.4200 **IDC - MANCAMP** \$40,300.00 8015.4300 **IDC - WELLSITE SUPERVISION** \$89,900.00 IDC - SAFETY / ENVIRONMENTAL 8015.4600 \$17,050.00 8015.5000 **IDC - WELL CONTROL INSURANCE** \$8,525.00 8015.5200 **IDC - CONTINGENCY** \$122,325.47 Sub-total \$2,840,669.30 **Drilling Tangible** 8020.1100 TDC - CASING - SURFACE \$81,436.38 8020.1200 TDC - CASING - INTERMEDIATE - 1 \$174,547.50 8020.1400 TDC - CASING - PRODUCTION \$549,919.68 8020.1500 TDC - WELLHEAD EQUIPMENT \$53,125.00 8020.1700 TDC - PACKER/DOWNHOLE TOOLS \$53.125.00 Sub-total \$912,153.56 Flowback Intangible 8040.1100 IFC - ROADS LOCATIONS / PITS \$2,000,00 8040.1899 IFC - FRAC WATER RECOVERY \$343,465.85 8040.2000 IFC - TRUCKING/VACUUM/TRANSP \$8.000.00 8040.2900 IFC - WELL TESTING / FLOWBACK \$98,000.00 8040.3400 **IFC - RENTAL EQUIPMENT** \$10,000.00 **IFC - TANK RENTALS** 8040.3420 \$10,000.00 IFC - SURFACE PUMP RENTAL \$10,000.00 8040.3430 8040.3500 **IFC - WELLSITE SUPERVISION** \$8,000.00 8040.4000 **IFC - CHEMICALS** \$14,000.00 Sub-total \$503,465.85 **Artificial Lift Intangible** IAL - ROAD, LOCATIONS, PITS \$2,000.00 8060.1100 8060.1200 IAL - WORKOVER RIG \$20,000.00 8060.1210 IAL - SPOOLING SERVICES \$10,000.00 8060.1900 IAL - INSPECTION & TESTING \$3,000.00 8060.2000 IAL - TRUCKING/VACUUM/TRANSP \$5,000.00 8060.2010 IAL - KILL TRUCK \$5,000.00 8060.2300 IAL - COMPLETION FLUIDS \$5,000.00 IAL - CONTRACT LABOR/ROUSTABOUT 8060.2600 \$15,000.00 IAL - RENTAL EQUIPMENT \$15,000.00 8060.3400 8060.3410 IAL - LAYDOWN MACHINE \$5,000.00 IAL - REVERSE UNIT RENTAL 8060.3420 \$5,000.00 IAL - WELLSITE SUPERVISION 8060.3500 \$10,000.00 Sub-total \$100,000.00 **Artificial Lift Tangible** TAL - TUBING 8065.1100 \$55,000.00 TAL - DOWNHOLE ARTIFICIAL LIFT EQPT 8065.1300 \$15,000.00 TAL - ESP EQUIPMENT/INSTALL 8065.1310 \$120,000.00 TAL - WELLHEAD EQUIPMENT 8065.2000 \$50,000.00 TAL - WELL SITE POWER EQUIPMENT/INSTALL 8065.2100 \$75,000.00 TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL \$20,000.00 8065.2200 8065.2500 TAL - VALVES/CONNECTIONS/FTGS \$15,000.00

### **Cost Estimate**

<u>Account</u>	<u>Description</u>		Gross Est. (\$)
8065.3100	TAL - MEASUREMENT EQUIPMENT		\$5,000.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA		\$5,000.00
		Sub-total	\$360,000.00
		Grand Total	\$8,709,523.71

Accepted and Approved By: Company Name (If Applicable):	
By:	
Printed Name:	
Title:	
Date:	

#### **Cost Estimate**

Printed Date: Sept 8, 2025

AFE Number: 500506 Description: BANE 4-9 FEDERAL COM 133H

AFE Name: BANE 4-9 FEDERAL COM 133H AFE TYPE: Drill & Complete - 3rd BSPG

Well Operator: PERMIAN RESOURCES

Operator AFE #:

Account	<u>Description</u>		Gross Est. (\$)
Facilities			
8035.1300	FAC - SURFACE DAMAGE		\$357.00
8035.1310	FAC - PERMANENT EASEMENT/ROW		\$1,429.00
8035.1400	FAC - ROAD LOCATIONS PITS		\$17,143.00
8035.1500	FAC - MATERIALS & SUPPLIES		\$2,857.00
8035.1600	FAC - TRANSPORTATION TRUCKING		\$357.00
8035.1700	FAC - RENTAL EQUIPMENT		\$7,143.00
8035.1800	FAC - FUEL / POWER		\$1,786.00
8035.1900	FAC - WATER DISPOSAL / SWD		\$286.00
8035.2000	FAC - WASTE DISPOSAL		\$286.00
8035.2100	FAC - INSPECTION & TESTING		\$179.00
8035.2200	FAC - CONTRACT LABOR / ROUSTAB		\$35,714.00
8035.2400	FAC - SUPERVISION		\$3,429.00
8035.2500	FAC - CONSULTING SERVICES		\$357.00
8035.2900	FAC - TANK BATTERY		\$30,084.00
8035.3000	FAC - HEATER TREATER/SEPARATOR		\$91,143.00
8035.3100	FAC - VRU RENTAL		\$1,429.00
8035.3200	FAC - VALVES FITTINGS & PIPE		\$65,000.00
8035.3300	FAC - CIRCULATING TRNSFER PUMP		\$5,821.00
8035.3400	FAC - METERS		\$19,929.00
8035.3600	FAC - ELECTRICAL		\$42,857.00
8035.3700	FAC - AUTOMATION MATERIAL		\$14,286.00
8035.3800	FAC - FLARE/COMBUSTER		\$8,714.00
8035.4000	FAC - SAFETY / ENVIRONMENTAL		\$1,071.00
8035.4400	FAC - COMPANY LABOR		\$357.00
8035.4500	FAC - CONTINGENCY		\$10,560.00
		Sub-total	\$362,574.00
Pipeline			
8036.1310	PLN - PEMANENT EASEMENT		\$15,152.00
8036.2200	PLN - CONTRACT LABOR		\$55,140.00
8036.2800	PLN - FLOWLINE MATERIAL		\$55,140.00
8036.3200	PLN - VALVES FITTINGS & PIPE		\$10,000.00
8036.3610	PLN - POWER DISTRIBUTION MATERIAL		\$1,786.00
8036.3620	PLN - POWER DISTRIBUTION LABOR		\$1,786.00
		Sub-total	\$139,004.00
Completion Intangible			
8025.1100	ICC - ROAD, LOCATIONS, PITS		\$10,500.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE		\$40,000.00
8025.1500	ICC - FUEL / POWER		\$319,442.00
8025.1600	ICC - COILED TUBING		\$247,983.00

### **Cost Estimate**

<u>Account</u>	<u>Description</u>		Gross Est. (\$)
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK		\$19,478.00
8025.2000	ICC - TRUCKING		\$14,375.00
8025.2200	ICC - ELECTRIC LOGGING / PERFORATING		\$238,665.00
8025.2300	ICC - COMPLETION FLUIDS		\$10,000.00
8025.2500	ICC - WELL STIMULATION/FRACTUR		\$1,723,670.00
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT		\$15,000.00
8025.3000	ICC - WATER HANDLING		\$209,524.00
8025.3050	ICC - SOURCE WATER		\$300,405.00
8025.3100	ICC - WELLHEAD/FRACTREE REPAIR		\$40,000.00
8025.3400	ICC - RENTAL EQUIPMENT		\$178,790.00
8025.3500	ICC - WELLSITE SUPERVISION		\$46,575.00
8025.3600	ICC - SUPERVISION/ENGINEERING		\$5,000.00
8025.3700	ICC - SAFETY / ENVIRONMENTAL		\$15,000.00
8025.3800	ICC - OVERHEAD		\$10,000.00
		Sub-total	\$3,444,407.00
Completion Tangib	ole		
8030.2000	TCC - WELLHEAD EQUIPMENT		\$47,250.00
		Sub-total	\$47,250.00
Drilling Intangible			
8015.1000	IDC - PERMITS,LICENSES,ETC		\$15,000.00
8015.1100	IDC - STAKING & SURVEYING		\$15,000.00
8015.1200	IDC - LEGAL, TITLE SERVICES		\$13,000.00
8015.1300	IDC - SURFACE DAMAGE / ROW		\$35,000.00
8015.1310	IDC - PERMANENT EASEMENT		\$12,000.00
8015.1400	IDC - ROAD, LOCATIONS, PITS		\$95,625.00
8015.1500	IDC - RIG MOB / TRUCKING		\$116,875.00
8015.1600	IDC - RIG MOB / STANDBY RATE		\$36,800.00
8015.1700	IDC - DAYWORK CONTRACT		\$606,050.00
8015.1900	IDC - DIRECTNL DRILL & SURVEY		\$255,265.63
8015.2000	IDC - CONDUCTOR HOLE & SERVICE		\$42,500.00
8015.2150	IDC - DRILL BIT		\$105,500.00
8015.2200	IDC - BITS, TOOLS, STABILIZERS		\$61,500.00
8015.2300	IDC - FUEL / POWER		\$124,544.92
8015.2350	IDC - FUEL/MUD		\$81,984.38
8015.2400	IDC - RIG WATER		\$19,375.00
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING		\$193,739.52
8015.2700	IDC - INSPECTION, TESTING & REPAIR		\$37,000.00
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP		\$292,025.00
8015.3100	IDC - CASING CREW & TOOLS		\$75,250.00
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT		\$27,000.00
8015.3400	IDC - MATERIALS & SUPPLIES		\$5,000.00
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP		\$23,250.00
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM		\$60,934.38
8015.3700	IDC - DISPOSAL		\$114,600.00
8015.3800	IDC - WELLHEAD PREPARE/REPAIR		\$12,500.00
8015.4100	IDC - RENTAL EQUIPMENT		\$85,250.00

### **Cost Estimate**

RESOURCES		Printed L	Date: Sept 8, 2025
<u>Account</u>	<u>Description</u>		Gross Est. (\$)
8015.4200	IDC - MANCAMP		\$40,300.00
8015.4300	IDC - WELLSITE SUPERVISION		\$89,900.00
8015.4600	IDC - SAFETY / ENVIRONMENTAL		\$17,050.00
8015.5000	IDC - WELL CONTROL INSURANCE		\$8,525.00
8015.5200	IDC - CONTINGENCY		\$122,325.47
		Sub-total	\$2,840,669.30
Drilling Tangible			
8020.1100	TDC - CASING - SURFACE		\$81,436.38
8020.1200	TDC - CASING - INTERMEDIATE - 1		\$174,547.50
8020.1400	TDC - CASING - PRODUCTION		\$549,919.68
8020.1500	TDC - WELLHEAD EQUIPMENT		\$53,125.00
8020.1700	TDC - PACKER/DOWNHOLE TOOLS		\$53,125.00
		Sub-total	\$912,153.56
Flowback Intangib			
8040.1100	IFC - ROADS LOCATIONS / PITS		\$2,000.00
8040.1899	IFC - FRAC WATER RECOVERY		\$343,465.85
8040.2000	IFC - TRUCKING/VACUUM/TRANSP		\$8,000.00
8040.2900	IFC - WELL TESTING / FLOWBACK		\$98,000.00
8040.3400	IFC - RENTAL EQUIPMENT		\$10,000.00
8040.3420	IFC - TANK RENTALS		\$10,000.00
8040.3430	IFC - SURFACE PUMP RENTAL		\$10,000.00
8040.3500	IFC - WELLSITE SUPERVISION		\$8,000.00
8040.4000	IFC - CHEMICALS		\$14,000.00
Autificial Lift Intons	wild la	Sub-total	\$503,465.85
Artificial Lift Intang 8060.1100			\$2,000.00
8060.1100	IAL - ROAD, LOCATIONS, PITS IAL - WORKOVER RIG		\$2,000.00
8060.1210	IAL - SPOOLING SERVICES		\$10,000.00
8060.1900	IAL - INSPECTION & TESTING		\$3,000.00
8060.2000	IAL - TRUCKING/VACUUM/TRANSP		\$5,000.00
8060.2010	IAL - KILL TRUCK		\$5,000.00
8060.2300	IAL - COMPLETION FLUIDS		\$5,000.00
8060.2600	IAL - CONTRACT LABOR/ROUSTABOUT		\$15,000.00
8060.3400	IAL - RENTAL EQUIPMENT		\$15,000.00
8060.3410	IAL - LAYDOWN MACHINE		\$5,000.00
8060.3420	IAL - REVERSE UNIT RENTAL		\$5,000.00
8060.3500	IAL - WELLSITE SUPERVISION		\$10,000.00
		Sub-total	\$100,000.00
Artificial Lift Tangi	ible		
8065.1100	TAL - TUBING		\$55,000.00
8065.1300	TAL - DOWNHOLE ARTIFICIAL LIFT EQPT		\$15,000.00
8065.1310	TAL - ESP EQUIPMENT/INSTALL		\$120,000.00
8065.2000	TAL - WELLHEAD EQUIPMENT		\$50,000.00
8065.2100	TAL - WELL SITE POWER EQUIPMENT/INSTALL		\$75,000.00
8065.2200	TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL		\$20,000.00
8065.2500	TAL - VALVES/CONNECTIONS/FTGS		\$15,000.00

### **Cost Estimate**

<u>Account</u>	<u>Description</u>		Gross Est. (\$)
8065.3100	TAL - MEASUREMENT EQUIPMENT		\$5,000.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA		\$5,000.00
		Sub-total	\$360,000.00
		Grand Total	\$8,709,523.71

Accepted and Approved By: Company Name (If Applicable):	
By:	
Printed Name:	
Title:	
Date:	

### **PERMIAN** Cost Estimate

Printed Date: Sept 8, 2025

AFE Number: 500507 Description: BANE 4-9 FEDERAL COM 134H

AFE Name: BANE 4-9 FEDERAL COM 134H AFE TYPE: Drill & Complete - 3rd BSPG

Well Operator: PERMIAN RESOURCES

Operator AFE #:

Account	Description	Gross Est. (\$)
Facilities		
8035.1300	FAC - SURFACE DAMAGE	\$357.00
8035.1310	FAC - PERMANENT EASEMENT/ROW	\$1,429.00
8035.1400	FAC - ROAD LOCATIONS PITS	\$17,143.00
8035.1500	FAC - MATERIALS & SUPPLIES	\$2,857.00
8035.1600	FAC - TRANSPORTATION TRUCKING	\$357.00
8035.1700	FAC - RENTAL EQUIPMENT	\$7,143.00
8035.1800	FAC - FUEL / POWER	\$1,786.00
8035.1900	FAC - WATER DISPOSAL / SWD	\$286.00
8035.2000	FAC - WASTE DISPOSAL	\$286.00
8035.2100	FAC - INSPECTION & TESTING	\$179.00
8035.2200	FAC - CONTRACT LABOR / ROUSTAB	\$35,714.00
8035.2400	FAC - SUPERVISION	\$3,429.00
8035.2500	FAC - CONSULTING SERVICES	\$357.00
8035.2900	FAC - TANK BATTERY	\$30,084.00
8035.3000	FAC - HEATER TREATER/SEPARATOR	\$91,143.00
8035.3100	FAC - VRU RENTAL	\$1,429.00
8035.3200	FAC - VALVES FITTINGS & PIPE	\$65,000.00
8035.3300	FAC - CIRCULATING TRNSFER PUMP	\$5,821.00
8035.3400	FAC - METERS	\$19,929.00
8035.3600	FAC - ELECTRICAL	\$42,857.00
8035.3700	FAC - AUTOMATION MATERIAL	\$14,286.00
8035.3800	FAC - FLARE/COMBUSTER	\$8,714.00
8035.4000	FAC - SAFETY / ENVIRONMENTAL	\$1,071.00
8035.4400	FAC - COMPANY LABOR	\$357.00
8035.4500	FAC - CONTINGENCY	\$10,560.00
		Sub-total \$362,574.00
Pipeline		
8036.1310	PLN - PEMANENT EASEMENT	\$15,152.00
8036.2200	PLN - CONTRACT LABOR	\$55,140.00
8036.2800	PLN - FLOWLINE MATERIAL	\$55,140.00
8036.3200	PLN - VALVES FITTINGS & PIPE	\$10,000.00
8036.3610	PLN - POWER DISTRIBUTION MATERIAL	\$1,786.00
8036.3620	PLN - POWER DISTRIBUTION LABOR	\$1,786.00
		Sub-total \$139,004.00
Completion Intangible		
8025.1100	ICC - ROAD, LOCATIONS, PITS	\$10,500.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE	\$40,000.00
8025.1500	ICC - FUEL / POWER	\$319,442.00
8025.1600	ICC - COILED TUBING	\$247,983.00

### **Cost Estimate**

Account	<u>Description</u>		Gross Est. (\$)
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK		\$19,478.00
8025.2000	ICC - TRUCKING		\$14,375.00
8025.2200	ICC - ELECTRIC LOGGING / PERFORATING		\$238,665.00
8025.2300	ICC - COMPLETION FLUIDS		\$10,000.00
8025.2500	ICC - WELL STIMULATION/FRACTUR		\$1,723,670.00
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT		\$15,000.00
8025.3000	ICC - WATER HANDLING		\$209,524.00
8025.3050	ICC - SOURCE WATER		\$300,405.00
8025.3100	ICC - WELLHEAD/FRACTREE REPAIR		\$40,000.00
8025.3400	ICC - RENTAL EQUIPMENT		\$178,790.00
8025.3500	ICC - WELLSITE SUPERVISION		\$46,575.00
8025.3600	ICC - SUPERVISION/ENGINEERING		\$5,000.00
8025.3700	ICC - SAFETY / ENVIRONMENTAL		\$15,000.00
8025.3800	ICC - OVERHEAD		\$10,000.00
		Sub-total	\$3,444,407.00
Completion Tangible			
8030.2000	TCC - WELLHEAD EQUIPMENT		\$47,250.00
		Sub-total	\$47,250.00
Drilling Intangible			
8015.1000	IDC - PERMITS,LICENSES,ETC		\$15,000.00
8015.1100	IDC - STAKING & SURVEYING		\$15,000.00
8015.1200	IDC - LEGAL, TITLE SERVICES		\$13,000.00
8015.1300	IDC - SURFACE DAMAGE / ROW		\$35,000.00
8015.1310	IDC - PERMANENT EASEMENT		\$12,000.00
8015.1400	IDC - ROAD, LOCATIONS, PITS		\$95,625.00
8015.1500	IDC - RIG MOB / TRUCKING		\$116,875.00
8015.1600	IDC - RIG MOB / STANDBY RATE		\$36,800.00
8015.1700	IDC - DAYWORK CONTRACT		\$606,050.00
8015.1900	IDC - DIRECTNL DRILL & SURVEY		\$255,265.63
8015.2000	IDC - CONDUCTOR HOLE & SERVICE		\$42,500.00
8015.2150	IDC - DRILL BIT		\$105,500.00
8015.2200	IDC - BITS, TOOLS, STABILIZERS		\$61,500.00
8015.2300	IDC - FUEL / POWER		\$124,544.92
8015.2350	IDC - FUEL/MUD		\$81,984.38
8015.2400	IDC - RIG WATER		\$19,375.00
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING		\$193,739.52
8015.2700	IDC - INSPECTION, TESTING & REPAIR		\$37,000.00
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP		\$292,025.00
8015.3100	IDC - CASING CREW & TOOLS		\$75,250.00
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT		\$27,000.00
8015.3400	IDC - MATERIALS & SUPPLIES		\$5,000.00
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP		\$23,250.00
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM		\$60,934.38
8015.3700	IDC - DISPOSAL		\$114,600.00
8015.3800	IDC - WELLHEAD PREPARE/REPAIR		\$12,500.00

Printed Date: Sept 8, 2025

### PERMIAN

#### **Cost Estimate**

Gross Est. (\$) **Account Description** 8015.4200 **IDC - MANCAMP** \$40,300.00 8015.4300 **IDC - WELLSITE SUPERVISION** \$89,900.00 IDC - SAFETY / ENVIRONMENTAL 8015.4600 \$17,050.00 8015.5000 **IDC - WELL CONTROL INSURANCE** \$8,525.00 8015.5200 **IDC - CONTINGENCY** \$122,325.47 Sub-total \$2,840,669.30 **Drilling Tangible** 8020.1100 TDC - CASING - SURFACE \$81,436.38 8020.1200 TDC - CASING - INTERMEDIATE - 1 \$174,547.50 8020.1400 TDC - CASING - PRODUCTION \$549,919.68 8020.1500 TDC - WELLHEAD EQUIPMENT \$53,125.00 8020.1700 TDC - PACKER/DOWNHOLE TOOLS \$53.125.00 Sub-total \$912,153.56 Flowback Intangible IFC - ROADS LOCATIONS / PITS 8040.1100 \$2,000,00 8040.1899 IFC - FRAC WATER RECOVERY \$343,465.85 8040.2000 IFC - TRUCKING/VACUUM/TRANSP \$8.000.00 8040.2900 IFC - WELL TESTING / FLOWBACK \$98,000.00 8040.3400 **IFC - RENTAL EQUIPMENT** \$10,000.00 **IFC - TANK RENTALS** 8040.3420 \$10,000.00 8040.3430 IFC - SURFACE PUMP RENTAL \$10,000.00 8040.3500 **IFC - WELLSITE SUPERVISION** \$8,000.00 8040.4000 **IFC - CHEMICALS** \$14,000.00 Sub-total \$503,465.85 **Artificial Lift Intangible** IAL - ROAD, LOCATIONS, PITS \$2,000.00 8060.1100 8060.1200 IAL - WORKOVER RIG \$20,000.00 8060.1210 IAL - SPOOLING SERVICES \$10,000.00 8060.1900 IAL - INSPECTION & TESTING \$3,000.00 8060.2000 IAL - TRUCKING/VACUUM/TRANSP \$5,000.00 8060.2010 IAL - KILL TRUCK \$5,000.00 8060.2300 IAL - COMPLETION FLUIDS \$5,000.00 IAL - CONTRACT LABOR/ROUSTABOUT 8060.2600 \$15,000.00 8060.3400 IAL - RENTAL EQUIPMENT \$15,000.00 8060.3410 IAL - LAYDOWN MACHINE \$5,000.00 IAL - REVERSE UNIT RENTAL 8060.3420 \$5,000.00 IAL - WELLSITE SUPERVISION 8060.3500 \$10,000.00 Sub-total \$100,000.00 **Artificial Lift Tangible** TAL - TUBING 8065.1100 \$55,000.00 TAL - DOWNHOLE ARTIFICIAL LIFT EQPT 8065.1300 \$15,000.00 TAL - ESP EQUIPMENT/INSTALL 8065.1310 \$120,000.00 TAL - WELLHEAD EQUIPMENT 8065.2000 \$50,000.00 TAL - WELL SITE POWER EQUIPMENT/INSTALL 8065.2100 \$75,000.00 TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL \$20,000.00 8065.2200 8065.2500 TAL - VALVES/CONNECTIONS/FTGS \$15,000.00

### **Cost Estimate**

<u>Account</u>	<u>Description</u>		Gross Est. (\$)
8065.3100	TAL - MEASUREMENT EQUIPMENT		\$5,000.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA		\$5,000.00
		Sub-total	\$360,000.00
		Grand Total	\$8,709,523.71

Accepted and Approved By: Company Name (If Applicable):	
By:	
Printed Name:	
Title:	
Date:	

#### **Cost Estimate**

PERMIAN

Printed Date: Sept 8, 2025

AFE Number: 500496 Description: BANE 4-9 FEDERAL COM 171H

AFE Name: BANE 4-9 FEDERAL COM 171H AFE TYPE: Drill & Complete - Harkey

Well Operator: PERMIAN RESOURCES

Operator AFE #:

Account	<u>Description</u>		Gross Est. (\$)
Facilities			
8035.1300	FAC - SURFACE DAMAGE		\$357.00
8035.1310	FAC - PERMANENT EASEMENT/ROW		\$1,429.00
8035.1400	FAC - ROAD LOCATIONS PITS		\$17,143.00
8035.1500	FAC - MATERIALS & SUPPLIES		\$2,857.00
8035.1600	FAC - TRANSPORTATION TRUCKING		\$357.00
8035.1700	FAC - RENTAL EQUIPMENT		\$7,143.00
8035.1800	FAC - FUEL / POWER		\$1,786.00
8035.1900	FAC - WATER DISPOSAL / SWD		\$286.00
8035.2000	FAC - WASTE DISPOSAL		\$286.00
8035.2100	FAC - INSPECTION & TESTING		\$179.00
8035.2200	FAC - CONTRACT LABOR / ROUSTAB		\$35,714.00
8035.2400	FAC - SUPERVISION		\$3,429.00
8035.2500	FAC - CONSULTING SERVICES		\$357.00
8035.2900	FAC - TANK BATTERY		\$30,084.00
8035.3000	FAC - HEATER TREATER/SEPARATOR		\$91,143.00
8035.3100	FAC - VRU RENTAL		\$1,429.00
8035.3200	FAC - VALVES FITTINGS & PIPE		\$65,000.00
8035.3300	FAC - CIRCULATING TRNSFER PUMP		\$5,821.00
8035.3400	FAC - METERS		\$19,929.00
8035.3600	FAC - ELECTRICAL		\$42,857.00
8035.3700	FAC - AUTOMATION MATERIAL		\$14,286.00
8035.3800	FAC - FLARE/COMBUSTER		\$8,714.00
8035.4000	FAC - SAFETY / ENVIRONMENTAL		\$1,071.00
8035.4400	FAC - COMPANY LABOR		\$357.00
8035.4500	FAC - CONTINGENCY		\$10,560.00
		Sub-total	\$362,574.00
Pipeline			
8036.1310	PLN - PEMANENT EASEMENT		\$15,152.00
8036.2200	PLN - CONTRACT LABOR		\$55,140.00
8036.2800	PLN - FLOWLINE MATERIAL		\$55,140.00
8036.3200	PLN - VALVES FITTINGS & PIPE		\$10,000.00
8036.3610	PLN - POWER DISTRIBUTION MATERIAL		\$1,786.00
8036.3620	PLN - POWER DISTRIBUTION LABOR		\$1,786.00
		Sub-total	\$139,004.00
Completion Intangible			
8025.1100	ICC - ROAD, LOCATIONS, PITS		\$10,500.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE		\$40,000.00
8025.1500	ICC - FUEL / POWER		\$319,442.00
8025.1600	ICC - COILED TUBING		\$247,983.00

### **Cost Estimate**

NESOONEES		1 Timed B	atc. Ocpt 0, 2020
Account	<u>Description</u>		Gross Est. (\$)
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK		\$19,478.00
8025.2000	ICC - TRUCKING		\$14,375.00
8025.2200	ICC - ELECTRIC LOGGING / PERFORATING		\$238,665.00
8025.2300	ICC - COMPLETION FLUIDS		\$10,000.00
8025.2500	ICC - WELL STIMULATION/FRACTUR		\$1,723,670.00
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT		\$15,000.00
8025.3000	ICC - WATER HANDLING		\$209,524.00
8025.3050	ICC - SOURCE WATER		\$300,405.00
8025.3100	ICC - WELLHEAD/FRACTREE REPAIR		\$40,000.00
8025.3400	ICC - RENTAL EQUIPMENT		\$178,790.00
8025.3500	ICC - WELLSITE SUPERVISION		\$46,575.00
8025.3600	ICC - SUPERVISION/ENGINEERING		\$5,000.00
8025.3700	ICC - SAFETY / ENVIRONMENTAL		\$15,000.00
8025.3800	ICC - OVERHEAD		\$10,000.00
		Sub-total	\$3,444,407.00
Completion Tangible	e		
8030.2000	TCC - WELLHEAD EQUIPMENT		\$47,250.00
		Sub-total	\$47,250.00
Drilling Intangible			
8015.1000	IDC - PERMITS,LICENSES,ETC		\$15,000.00
8015.1100	IDC - STAKING & SURVEYING		\$15,000.00
8015.1200	IDC - LEGAL, TITLE SERVICES		\$13,000.00
8015.1300	IDC - SURFACE DAMAGE / ROW		\$35,000.00
8015.1310	IDC - PERMANENT EASEMENT		\$12,000.00
8015.1400	IDC - ROAD, LOCATIONS, PITS		\$95,625.00
8015.1500	IDC - RIG MOB / TRUCKING		\$116,875.00
8015.1600	IDC - RIG MOB / STANDBY RATE		\$36,800.00
8015.1700	IDC - DAYWORK CONTRACT		\$606,050.00
8015.1900	IDC - DIRECTNL DRILL & SURVEY		\$255,265.63
8015.2000	IDC - CONDUCTOR HOLE & SERVICE		\$42,500.00
8015.2150	IDC - DRILL BIT		\$105,500.00
8015.2200	IDC - BITS, TOOLS, STABILIZERS		\$61,500.00
8015.2300	IDC - FUEL / POWER		\$124,544.92
8015.2350	IDC - FUEL/MUD		\$81,984.38
8015.2400	IDC - RIG WATER		\$19,375.00
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING		\$193,739.52
8015.2700	IDC - INSPECTION, TESTING & REPAIR		\$37,000.00
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP		\$292,025.00
8015.3100	IDC - CASING CREW & TOOLS		\$75,250.00
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT		\$27,000.00
8015.3400	IDC - MATERIALS & SUPPLIES		\$5,000.00
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP		\$23,250.00
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM		\$60,934.38
8015.3700	IDC - DISPOSAL		\$114,600.00
8015.3800	IDC - WELLHEAD PREPARE/REPAIR		\$12,500.00
8015.4100	IDC - RENTAL EQUIPMENT		\$85,250.00
			,

\$20,000.00

\$15,000.00

# PERMIAN

#### **Cost Estimate**

Printed Date: Sept 8, 2025 Gross Est. (\$) **Account Description** 8015.4200 **IDC - MANCAMP** \$40,300.00 8015.4300 **IDC - WELLSITE SUPERVISION** \$89,900.00 IDC - SAFETY / ENVIRONMENTAL 8015.4600 \$17,050.00 8015.5000 **IDC - WELL CONTROL INSURANCE** \$8,525.00 8015.5200 **IDC - CONTINGENCY** \$122,325.47 Sub-total \$2,840,669.30 **Drilling Tangible** 8020.1100 TDC - CASING - SURFACE \$81,436.38 8020.1200 TDC - CASING - INTERMEDIATE - 1 \$174,547.50 8020.1400 TDC - CASING - PRODUCTION \$549,919.68 8020.1500 TDC - WELLHEAD EQUIPMENT \$53,125.00 TDC - PACKER/DOWNHOLE TOOLS 8020.1700 \$53.125.00 Sub-total \$912,153.56 Flowback Intangible IFC - ROADS LOCATIONS / PITS 8040.1100 \$2,000,00 8040.1899 IFC - FRAC WATER RECOVERY \$343,465.85 8040.2000 IFC - TRUCKING/VACUUM/TRANSP \$8.000.00 8040.2900 IFC - WELL TESTING / FLOWBACK \$98,000.00 8040.3400 **IFC - RENTAL EQUIPMENT** \$10,000.00 **IFC - TANK RENTALS** 8040.3420 \$10,000.00 IFC - SURFACE PUMP RENTAL \$10,000.00 8040.3430 8040.3500 **IFC - WELLSITE SUPERVISION** \$8,000.00 8040.4000 **IFC - CHEMICALS** \$14,000.00 Sub-total \$503,465.85 **Artificial Lift Intangible** IAL - ROAD, LOCATIONS, PITS \$2,000.00 8060.1100 8060.1200 IAL - WORKOVER RIG \$20,000.00 8060.1210 IAL - SPOOLING SERVICES \$10,000.00 8060.1900 IAL - INSPECTION & TESTING \$3,000.00 8060.2000 IAL - TRUCKING/VACUUM/TRANSP \$5,000.00 8060.2010 IAL - KILL TRUCK \$5,000.00 8060.2300 IAL - COMPLETION FLUIDS \$5,000.00 IAL - CONTRACT LABOR/ROUSTABOUT 8060.2600 \$15,000.00 IAL - RENTAL EQUIPMENT \$15,000.00 8060.3400 8060.3410 IAL - LAYDOWN MACHINE \$5,000.00 IAL - REVERSE UNIT RENTAL 8060.3420 \$5,000.00 IAL - WELLSITE SUPERVISION 8060.3500 \$10,000.00 Sub-total \$100,000.00 **Artificial Lift Tangible** TAL - TUBING 8065.1100 \$55,000.00 TAL - DOWNHOLE ARTIFICIAL LIFT EQPT 8065.1300 \$15,000.00 TAL - ESP EQUIPMENT/INSTALL 8065.1310 \$120,000.00 TAL - WELLHEAD EQUIPMENT 8065.2000 \$50,000.00 TAL - WELL SITE POWER EQUIPMENT/INSTALL 8065.2100 \$75,000.00

8065.2200 8065.2500 TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL

TAL - VALVES/CONNECTIONS/FTGS

### **Cost Estimate**

<u>Account</u>	<u>Description</u>		Gross Est. (\$)
8065.3100	TAL - MEASUREMENT EQUIPMENT		\$5,000.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA		\$5,000.00
		Sub-total	\$360,000.00
		Grand Total	\$8,709,523.71

Accepted and Approved By:  Company Name (If Applicable):	
Ву:	
Printed Name:	
Title:	
Date:	

#### **Cost Estimate**

Printed Date: Sept 8, 2025

AFE Number: 500497 Description: BANE 4-9 FEDERAL COM 172H

AFE Name: BANE 4-9 FEDERAL COM 172H AFE TYPE: Drill & Complete - Harkey

Well Operator: PERMIAN RESOURCES

Account	<u>Description</u>		Gross Est. (\$)
Facilities			
8035.1300	FAC - SURFACE DAMAGE		\$357.00
8035.1310	FAC - PERMANENT EASEMENT/ROW		\$1,429.00
8035.1400	FAC - ROAD LOCATIONS PITS		\$17,143.00
8035.1500	FAC - MATERIALS & SUPPLIES		\$2,857.00
8035.1600	FAC - TRANSPORTATION TRUCKING		\$357.00
8035.1700	FAC - RENTAL EQUIPMENT		\$7,143.00
8035.1800	FAC - FUEL / POWER		\$1,786.00
8035.1900	FAC - WATER DISPOSAL / SWD		\$286.00
8035.2000	FAC - WASTE DISPOSAL		\$286.00
8035.2100	FAC - INSPECTION & TESTING		\$179.00
8035.2200	FAC - CONTRACT LABOR / ROUSTAB		\$35,714.00
8035.2400	FAC - SUPERVISION		\$3,429.00
8035.2500	FAC - CONSULTING SERVICES		\$357.00
8035.2900	FAC - TANK BATTERY		\$30,084.00
8035.3000	FAC - HEATER TREATER/SEPARATOR		\$91,143.00
8035.3100	FAC - VRU RENTAL		\$1,429.00
8035.3200	FAC - VALVES FITTINGS & PIPE		\$65,000.00
8035.3300	FAC - CIRCULATING TRNSFER PUMP		\$5,821.00
8035.3400	FAC - METERS		\$19,929.00
8035.3600	FAC - ELECTRICAL		\$42,857.00
8035.3700	FAC - AUTOMATION MATERIAL		\$14,286.00
8035.3800	FAC - FLARE/COMBUSTER		\$8,714.00
8035.4000	FAC - SAFETY / ENVIRONMENTAL		\$1,071.00
8035.4400	FAC - COMPANY LABOR		\$357.00
8035.4500	FAC - CONTINGENCY		\$10,560.00
		Sub-total	\$362,574.00
Pipeline			
8036.1310	PLN - PEMANENT EASEMENT		\$15,152.00
8036.2200	PLN - CONTRACT LABOR		\$55,140.00
8036.2800	PLN - FLOWLINE MATERIAL		\$55,140.00
8036.3200	PLN - VALVES FITTINGS & PIPE		\$10,000.00
8036.3610	PLN - POWER DISTRIBUTION MATERIAL		\$1,786.00
8036.3620	PLN - POWER DISTRIBUTION LABOR		\$1,786.00
		Sub-total	\$139,004.00
Completion Intangible			
8025.1100	ICC - ROAD, LOCATIONS, PITS		\$10,500.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE		\$40,000.00
8025.1500	ICC - FUEL / POWER		\$319,442.00
8025.1600	ICC - COILED TUBING		\$247,983.00

### **Cost Estimate**

NESOONEES		1 Timed B	atc. Ocpt 0, 2020
Account	<u>Description</u>		Gross Est. (\$)
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK		\$19,478.00
8025.2000	ICC - TRUCKING		\$14,375.00
8025.2200	ICC - ELECTRIC LOGGING / PERFORATING		\$238,665.00
8025.2300	ICC - COMPLETION FLUIDS		\$10,000.00
8025.2500	ICC - WELL STIMULATION/FRACTUR		\$1,723,670.00
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT		\$15,000.00
8025.3000	ICC - WATER HANDLING		\$209,524.00
8025.3050	ICC - SOURCE WATER		\$300,405.00
8025.3100	ICC - WELLHEAD/FRACTREE REPAIR		\$40,000.00
8025.3400	ICC - RENTAL EQUIPMENT		\$178,790.00
8025.3500	ICC - WELLSITE SUPERVISION		\$46,575.00
8025.3600	ICC - SUPERVISION/ENGINEERING		\$5,000.00
8025.3700	ICC - SAFETY / ENVIRONMENTAL		\$15,000.00
8025.3800	ICC - OVERHEAD		\$10,000.00
		Sub-total	\$3,444,407.00
Completion Tangible	e		
8030.2000	TCC - WELLHEAD EQUIPMENT		\$47,250.00
		Sub-total	\$47,250.00
Drilling Intangible			
8015.1000	IDC - PERMITS,LICENSES,ETC		\$15,000.00
8015.1100	IDC - STAKING & SURVEYING		\$15,000.00
8015.1200	IDC - LEGAL, TITLE SERVICES		\$13,000.00
8015.1300	IDC - SURFACE DAMAGE / ROW		\$35,000.00
8015.1310	IDC - PERMANENT EASEMENT		\$12,000.00
8015.1400	IDC - ROAD, LOCATIONS, PITS		\$95,625.00
8015.1500	IDC - RIG MOB / TRUCKING		\$116,875.00
8015.1600	IDC - RIG MOB / STANDBY RATE		\$36,800.00
8015.1700	IDC - DAYWORK CONTRACT		\$606,050.00
8015.1900	IDC - DIRECTNL DRILL & SURVEY		\$255,265.63
8015.2000	IDC - CONDUCTOR HOLE & SERVICE		\$42,500.00
8015.2150	IDC - DRILL BIT		\$105,500.00
8015.2200	IDC - BITS, TOOLS, STABILIZERS		\$61,500.00
8015.2300	IDC - FUEL / POWER		\$124,544.92
8015.2350	IDC - FUEL/MUD		\$81,984.38
8015.2400	IDC - RIG WATER		\$19,375.00
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING		\$193,739.52
8015.2700	IDC - INSPECTION, TESTING & REPAIR		\$37,000.00
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP		\$292,025.00
8015.3100	IDC - CASING CREW & TOOLS		\$75,250.00
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT		\$27,000.00
8015.3400	IDC - MATERIALS & SUPPLIES		\$5,000.00
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP		\$23,250.00
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM		\$60,934.38
8015.3700	IDC - DISPOSAL		\$114,600.00
8015.3800	IDC - WELLHEAD PREPARE/REPAIR		\$12,500.00
8015.4100	IDC - RENTAL EQUIPMENT		\$85,250.00
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### **Cost Estimate**

RESOURCES		Printed L	rate. Sept 6, 2025
<u>Account</u>	<u>Description</u>		Gross Est. (\$)
8015.4200	IDC - MANCAMP		\$40,300.00
8015.4300	IDC - WELLSITE SUPERVISION		\$89,900.00
8015.4600	IDC - SAFETY / ENVIRONMENTAL		\$17,050.00
8015.5000	IDC - WELL CONTROL INSURANCE		\$8,525.00
8015.5200	IDC - CONTINGENCY		\$122,325.47
		Sub-total	\$2,840,669.30
Drilling Tangible			
8020.1100	TDC - CASING - SURFACE		\$81,436.38
8020.1200	TDC - CASING - INTERMEDIATE - 1		\$174,547.50
8020.1400	TDC - CASING - PRODUCTION		\$549,919.68
8020.1500	TDC - WELLHEAD EQUIPMENT		\$53,125.00
8020.1700	TDC - PACKER/DOWNHOLE TOOLS		\$53,125.00
Flowback Intangible		Sub-total	\$912,153.56
Flowback Intangible	IFC DOADS LOCATIONS / DITS		¢2,000,00
8040.1100	IFC - ROADS LOCATIONS / PITS  IFC - FRAC WATER RECOVERY		\$2,000.00
8040.1899			\$343,465.85
8040.2000	IFC - TRUCKING/VACUUM/TRANSP		\$8,000.00
8040.2900	IFC - WELL TESTING / FLOWBACK		\$98,000.00
8040.3400	IFC - RENTAL EQUIPMENT  IFC - TANK RENTALS		\$10,000.00
8040.3420 8040.3430	IFC - SURFACE PUMP RENTAL		\$10,000.00 \$10,000.00
8040.3500	IFC - WELLSITE SUPERVISION		\$10,000.00
8040.4000	IFC - CHEMICALS		\$8,000.00 \$14,000.00
8040.4000	IFC - CHEMICALS	Sub-total	\$503,465.85
Artificial Lift Intangib	le		, ,
8060.1100	IAL - ROAD, LOCATIONS, PITS		\$2,000.00
8060.1200	IAL - WORKOVER RIG		\$20,000.00
8060.1210	IAL - SPOOLING SERVICES		\$10,000.00
8060.1900	IAL - INSPECTION & TESTING		\$3,000.00
8060.2000	IAL - TRUCKING/VACUUM/TRANSP		\$5,000.00
8060.2010	IAL - KILL TRUCK		\$5,000.00
8060.2300	IAL - COMPLETION FLUIDS		\$5,000.00
8060.2600	IAL - CONTRACT LABOR/ROUSTABOUT		\$15,000.00
8060.3400	IAL - RENTAL EQUIPMENT		\$15,000.00
8060.3410	IAL - LAYDOWN MACHINE		\$5,000.00
8060.3420	IAL - REVERSE UNIT RENTAL		\$5,000.00
8060.3500	IAL - WELLSITE SUPERVISION		\$10,000.00
		Sub-total	\$100,000.00
Artificial Lift Tangible	•		
8065.1100	TAL - TUBING		\$55,000.00
8065.1300	TAL - DOWNHOLE ARTIFICIAL LIFT EQPT		\$15,000.00
8065.1310	TAL - ESP EQUIPMENT/INSTALL		\$120,000.00
8065.2000	TAL - WELLHEAD EQUIPMENT		\$50,000.00
8065.2100	TAL - WELL SITE POWER EQUIPMENT/INSTALL		\$75,000.00
8065.2200	TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL		\$20,000.00
8065.2500	TAL - VALVES/CONNECTIONS/FTGS		\$15,000.00

### **Cost Estimate**

<u>Account</u>	<u>Description</u>		Gross Est. (\$)
8065.3100	TAL - MEASUREMENT EQUIPMENT		\$5,000.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA		\$5,000.00
		Sub-total	\$360,000.00
		Grand Total	\$8,709,523.71

Accepted and Approved By: Company Name (If Applicable):	
By:	
Printed Name:	
Title:	
Date:	

#### **Cost Estimate**

Printed Date: Sept 8, 2025

AFE Number: 500508 Description: BANE 4-9 FEDERAL COM 173H

AFE Name: BANE 4-9 FEDERAL COM 173H AFE TYPE: Drill & Complete - Harkey

Well Operator: PERMIAN RESOURCES

Account	<u>Description</u>		Gross Est. (\$)
Facilities			
8035.1300	FAC - SURFACE DAMAGE		\$357.00
8035.1310	FAC - PERMANENT EASEMENT/ROW		\$1,429.00
8035.1400	FAC - ROAD LOCATIONS PITS		\$17,143.00
8035.1500	FAC - MATERIALS & SUPPLIES		\$2,857.00
8035.1600	FAC - TRANSPORTATION TRUCKING		\$357.00
8035.1700	FAC - RENTAL EQUIPMENT		\$7,143.00
8035.1800	FAC - FUEL / POWER		\$1,786.00
8035.1900	FAC - WATER DISPOSAL / SWD		\$286.00
8035.2000	FAC - WASTE DISPOSAL		\$286.00
8035.2100	FAC - INSPECTION & TESTING		\$179.00
8035.2200	FAC - CONTRACT LABOR / ROUSTAB		\$35,714.00
8035.2400	FAC - SUPERVISION		\$3,429.00
8035.2500	FAC - CONSULTING SERVICES		\$357.00
8035.2900	FAC - TANK BATTERY		\$30,084.00
8035.3000	FAC - HEATER TREATER/SEPARATOR		\$91,143.00
8035.3100	FAC - VRU RENTAL		\$1,429.00
8035.3200	FAC - VALVES FITTINGS & PIPE		\$65,000.00
8035.3300	FAC - CIRCULATING TRNSFER PUMP		\$5,821.00
8035.3400	FAC - METERS		\$19,929.00
8035.3600	FAC - ELECTRICAL		\$42,857.00
8035.3700	FAC - AUTOMATION MATERIAL		\$14,286.00
8035.3800	FAC - FLARE/COMBUSTER		\$8,714.00
8035.4000	FAC - SAFETY / ENVIRONMENTAL		\$1,071.00
8035.4400	FAC - COMPANY LABOR		\$357.00
8035.4500	FAC - CONTINGENCY		\$10,560.00
		Sub-total	\$362,574.00
Pipeline			
8036.1310	PLN - PEMANENT EASEMENT		\$15,152.00
8036.2200	PLN - CONTRACT LABOR		\$55,140.00
8036.2800	PLN - FLOWLINE MATERIAL		\$55,140.00
8036.3200	PLN - VALVES FITTINGS & PIPE		\$10,000.00
8036.3610	PLN - POWER DISTRIBUTION MATERIAL		\$1,786.00
8036.3620	PLN - POWER DISTRIBUTION LABOR		\$1,786.00
		Sub-total	\$139,004.00
Completion Intangible			
8025.1100	ICC - ROAD, LOCATIONS, PITS		\$10,500.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE		\$40,000.00
8025.1500	ICC - FUEL / POWER		\$319,442.00
8025.1600	ICC - COILED TUBING		\$247,983.00

### **Cost Estimate**

Account	<u>Description</u>	Gross Est. (\$)
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK	\$19,478.00
8025.2000	ICC - TRUCKING	\$14,375.00
8025.2200	ICC - ELECTRIC LOGGING / PERFORATING	\$238,665.00
8025.2300	ICC - COMPLETION FLUIDS	\$10,000.00
8025.2500	ICC - WELL STIMULATION/FRACTUR	\$1,723,670.00
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT	\$15,000.00
8025.3000	ICC - WATER HANDLING	\$209,524.00
8025.3050	ICC - SOURCE WATER	\$300,405.00
8025.3100	ICC - WELLHEAD/FRACTREE REPAIR	\$40,000.00
8025.3400	ICC - RENTAL EQUIPMENT	\$178,790.00
8025.3500	ICC - WELLSITE SUPERVISION	\$46,575.00
8025.3600	ICC - SUPERVISION/ENGINEERING	\$5,000.00
8025.3700	ICC - SAFETY / ENVIRONMENTAL	\$15,000.00
8025.3800	ICC - OVERHEAD	\$10,000.00
		Sub-total \$3,444,407.00
Completion Tangible		
8030.2000	TCC - WELLHEAD EQUIPMENT	\$47,250.00
		Sub-total \$47,250.00
Drilling Intangible		
8015.1000	IDC - PERMITS,LICENSES,ETC	\$15,000.00
8015.1100	IDC - STAKING & SURVEYING	\$15,000.00
8015.1200	IDC - LEGAL, TITLE SERVICES	\$13,000.00
8015.1300	IDC - SURFACE DAMAGE / ROW	\$35,000.00
8015.1310	IDC - PERMANENT EASEMENT	\$12,000.00
8015.1400	IDC - ROAD, LOCATIONS, PITS	\$95,625.00
8015.1500	IDC - RIG MOB / TRUCKING	\$116,875.00
8015.1600	IDC - RIG MOB / STANDBY RATE	\$36,800.00
8015.1700	IDC - DAYWORK CONTRACT	\$606,050.00
8015.1900	IDC - DIRECTNL DRILL & SURVEY	\$255,265.63
8015.2000	IDC - CONDUCTOR HOLE & SERVICE	\$42,500.00
8015.2150	IDC - DRILL BIT	\$105,500.00
8015.2200	IDC - BITS, TOOLS, STABILIZERS	\$61,500.00
8015.2300	IDC - FUEL / POWER	\$124,544.92
8015.2350	IDC - FUEL/MUD	\$81,984.38
8015.2400	IDC - RIG WATER	\$19,375.00
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING	\$193,739.52
8015.2700	IDC - INSPECTION, TESTING & REPAIR	\$37,000.00
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP	\$292,025.00
8015.3100	IDC - CASING CREW & TOOLS	\$75,250.00
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT	\$27,000.00
8015.3400	IDC - MATERIALS & SUPPLIES	\$5,000.00
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP	\$23,250.00
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM	\$60,934.38
8015.3700	IDC - DISPOSAL	\$114,600.00
8015.3800	IDC - WELLHEAD PREPARE/REPAIR	\$12,500.00
8015.4100	IDC - RENTAL EQUIPMENT	\$85,250.00
= 3 . 3 3 3		\$35,200.00

#### **Cost Estimate**

Printed Date: Sept 8, 2025 Gross Est. (\$) **Account Description** 8015.4200 **IDC - MANCAMP** \$40,300.00 8015.4300 **IDC - WELLSITE SUPERVISION** \$89,900.00 IDC - SAFETY / ENVIRONMENTAL 8015.4600 \$17,050.00 8015.5000 **IDC - WELL CONTROL INSURANCE** \$8,525.00 8015.5200 **IDC - CONTINGENCY** \$122,325.47 Sub-total \$2,840,669.30 **Drilling Tangible** 8020.1100 TDC - CASING - SURFACE \$81,436.38 8020.1200 TDC - CASING - INTERMEDIATE - 1 \$174,547.50 8020.1400 TDC - CASING - PRODUCTION \$549,919.68 8020.1500 TDC - WELLHEAD EQUIPMENT \$53,125.00 8020.1700 TDC - PACKER/DOWNHOLE TOOLS \$53.125.00 Sub-total \$912,153.56 Flowback Intangible IFC - ROADS LOCATIONS / PITS 8040.1100 \$2,000,00 8040.1899 IFC - FRAC WATER RECOVERY \$343,465.85 8040.2000 IFC - TRUCKING/VACUUM/TRANSP \$8.000.00 8040.2900 IFC - WELL TESTING / FLOWBACK \$98,000.00 8040.3400 **IFC - RENTAL EQUIPMENT** \$10,000.00 **IFC - TANK RENTALS** 8040.3420 \$10,000.00 IFC - SURFACE PUMP RENTAL \$10,000.00 8040.3430 8040.3500 **IFC - WELLSITE SUPERVISION** \$8,000.00 8040.4000 **IFC - CHEMICALS** \$14,000.00 Sub-total \$503,465.85 **Artificial Lift Intangible** IAL - ROAD, LOCATIONS, PITS \$2,000.00 8060.1100 8060.1200 IAL - WORKOVER RIG \$20,000.00 8060.1210 IAL - SPOOLING SERVICES \$10,000.00 8060.1900 IAL - INSPECTION & TESTING \$3,000.00 8060.2000 IAL - TRUCKING/VACUUM/TRANSP \$5,000.00 8060.2010 IAL - KILL TRUCK \$5,000.00 8060.2300 IAL - COMPLETION FLUIDS \$5,000.00 IAL - CONTRACT LABOR/ROUSTABOUT 8060.2600 \$15,000.00 IAL - RENTAL EQUIPMENT \$15,000.00 8060.3400 8060.3410 IAL - LAYDOWN MACHINE \$5,000.00 IAL - REVERSE UNIT RENTAL 8060.3420 \$5,000.00 IAL - WELLSITE SUPERVISION 8060.3500 \$10,000.00 Sub-total \$100,000.00 **Artificial Lift Tangible** TAL - TUBING 8065.1100 \$55,000.00 TAL - DOWNHOLE ARTIFICIAL LIFT EQPT 8065.1300 \$15,000.00 TAL - ESP EQUIPMENT/INSTALL 8065.1310 \$120,000.00 TAL - WELLHEAD EQUIPMENT 8065.2000 \$50,000.00 TAL - WELL SITE POWER EQUIPMENT/INSTALL 8065.2100 \$75,000.00 TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL \$20,000.00 8065.2200 8065.2500 TAL - VALVES/CONNECTIONS/FTGS \$15,000.00

### **Cost Estimate**

<u>Account</u>	<u>Description</u>		Gross Est. (\$)
8065.3100	TAL - MEASUREMENT EQUIPMENT		\$5,000.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA		\$5,000.00
		Sub-total	\$360,000.00
		Grand Total	\$8,709,523.71

Accepted and Approved By: Company Name (If Applicable):	
By:	
Printed Name:	
Title:	
Date:	

#### **Cost Estimate**

Printed Date: Sept 8, 2025

AFE Number: 500509 Description: BANE 4-9 FEDERAL COM 174H

AFE Name: BANE 4-9 FEDERAL COM 174H AFE TYPE: Drill & Complete - Harkey

Well Operator: PERMIAN RESOURCES

Account	<u>Description</u>		Gross Est. (\$)
Facilities			
8035.1300	FAC - SURFACE DAMAGE		\$357.00
8035.1310	FAC - PERMANENT EASEMENT/ROW		\$1,429.00
8035.1400	FAC - ROAD LOCATIONS PITS		\$17,143.00
8035.1500	FAC - MATERIALS & SUPPLIES		\$2,857.00
8035.1600	FAC - TRANSPORTATION TRUCKING		\$357.00
8035.1700	FAC - RENTAL EQUIPMENT		\$7,143.00
8035.1800	FAC - FUEL / POWER		\$1,786.00
8035.1900	FAC - WATER DISPOSAL / SWD		\$286.00
8035.2000	FAC - WASTE DISPOSAL		\$286.00
8035.2100	FAC - INSPECTION & TESTING		\$179.00
8035.2200	FAC - CONTRACT LABOR / ROUSTAB		\$35,714.00
8035.2400	FAC - SUPERVISION		\$3,429.00
8035.2500	FAC - CONSULTING SERVICES		\$357.00
8035.2900	FAC - TANK BATTERY		\$30,084.00
8035.3000	FAC - HEATER TREATER/SEPARATOR		\$91,143.00
8035.3100	FAC - VRU RENTAL		\$1,429.00
8035.3200	FAC - VALVES FITTINGS & PIPE		\$65,000.00
8035.3300	FAC - CIRCULATING TRNSFER PUMP		\$5,821.00
8035.3400	FAC - METERS		\$19,929.00
8035.3600	FAC - ELECTRICAL		\$42,857.00
8035.3700	FAC - AUTOMATION MATERIAL		\$14,286.00
8035.3800	FAC - FLARE/COMBUSTER		\$8,714.00
8035.4000	FAC - SAFETY / ENVIRONMENTAL		\$1,071.00
8035.4400	FAC - COMPANY LABOR		\$357.00
8035.4500	FAC - CONTINGENCY		\$10,560.00
		Sub-total	\$362,574.00
Pipeline			
8036.1310	PLN - PEMANENT EASEMENT		\$15,152.00
8036.2200	PLN - CONTRACT LABOR		\$55,140.00
8036.2800	PLN - FLOWLINE MATERIAL		\$55,140.00
8036.3200	PLN - VALVES FITTINGS & PIPE		\$10,000.00
8036.3610	PLN - POWER DISTRIBUTION MATERIAL		\$1,786.00
8036.3620	PLN - POWER DISTRIBUTION LABOR		\$1,786.00
		Sub-total	\$139,004.00
Completion Intangible			
8025.1100	ICC - ROAD, LOCATIONS, PITS		\$10,500.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE		\$40,000.00
8025.1500	ICC - FUEL / POWER		\$319,442.00
8025.1600	ICC - COILED TUBING		\$247,983.00

### **Cost Estimate**

Account	Description		Gross Est. (\$)
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK		\$19,478.00
8025.2000	ICC - TRUCKING		\$14,375.00
8025.2200	ICC - ELECTRIC LOGGING / PERFORATING		\$238,665.00
8025.2300	ICC - COMPLETION FLUIDS		\$10,000.00
8025.2500	ICC - WELL STIMULATION/FRACTUR		\$1,723,670.00
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT		\$15,000.00
8025.3000	ICC - WATER HANDLING		\$209,524.00
8025.3050	ICC - SOURCE WATER		\$300,405.00
8025.3100	ICC - WELLHEAD/FRACTREE REPAIR		\$40,000.00
8025.3400	ICC - RENTAL EQUIPMENT		\$178,790.00
8025.3500	ICC - WELLSITE SUPERVISION		\$46,575.00
8025.3600	ICC - SUPERVISION/ENGINEERING		\$5,000.00
8025.3700	ICC - SAFETY / ENVIRONMENTAL		\$15,000.00
8025.3800	ICC - OVERHEAD		\$10,000.00
		Sub-total	\$3,444,407.00
Completion Tangible			
8030.2000	TCC - WELLHEAD EQUIPMENT		\$47,250.00
		Sub-total	\$47,250.00
Drilling Intangible			
8015.1000	IDC - PERMITS,LICENSES,ETC		\$15,000.00
8015.1100	IDC - STAKING & SURVEYING		\$15,000.00
8015.1200	IDC - LEGAL, TITLE SERVICES		\$13,000.00
8015.1300	IDC - SURFACE DAMAGE / ROW		\$35,000.00
8015.1310	IDC - PERMANENT EASEMENT		\$12,000.00
8015.1400	IDC - ROAD, LOCATIONS, PITS		\$95,625.00
8015.1500	IDC - RIG MOB / TRUCKING		\$116,875.00
8015.1600	IDC - RIG MOB / STANDBY RATE		\$36,800.00
8015.1700	IDC - DAYWORK CONTRACT		\$606,050.00
8015.1900	IDC - DIRECTNL DRILL & SURVEY		\$255,265.63
8015.2000	IDC - CONDUCTOR HOLE & SERVICE		\$42,500.00
8015.2150	IDC - DRILL BIT		\$105,500.00
8015.2200	IDC - BITS, TOOLS, STABILIZERS		\$61,500.00
8015.2300	IDC - FUEL / POWER		\$124,544.92
8015.2350	IDC - FUEL/MUD		\$81,984.38
8015.2400	IDC - RIG WATER		\$19,375.00
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING		\$193,739.52
8015.2700	IDC - INSPECTION, TESTING & REPAIR		\$37,000.00
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP		\$292,025.00
8015.3100	IDC - CASING CREW & TOOLS		\$75,250.00
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT		\$27,000.00
8015.3400	IDC - MATERIALS & SUPPLIES		\$5,000.00
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP		\$23,250.00
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM		\$60,934.38
8015.3700	IDC - DISPOSAL		\$114,600.00
8015.3800	IDC - WELLHEAD PREPARE/REPAIR		\$12,500.00
0010.0000			

\$20,000.00

\$15,000.00

### PERMIAN

#### **Cost Estimate**

Printed Date: Sept 8, 2025 Gross Est. (\$) **Account Description** 8015.4200 **IDC - MANCAMP** \$40,300.00 8015.4300 **IDC - WELLSITE SUPERVISION** \$89,900.00 IDC - SAFETY / ENVIRONMENTAL 8015.4600 \$17,050.00 8015.5000 **IDC - WELL CONTROL INSURANCE** \$8,525.00 8015.5200 **IDC - CONTINGENCY** \$122,325.47 Sub-total \$2,840,669.30 **Drilling Tangible** 8020.1100 TDC - CASING - SURFACE \$81,436.38 8020.1200 TDC - CASING - INTERMEDIATE - 1 \$174,547.50 8020.1400 TDC - CASING - PRODUCTION \$549,919.68 8020.1500 TDC - WELLHEAD EQUIPMENT \$53,125.00 8020.1700 TDC - PACKER/DOWNHOLE TOOLS \$53.125.00 Sub-total \$912,153.56 Flowback Intangible IFC - ROADS LOCATIONS / PITS 8040.1100 \$2,000,00 8040.1899 IFC - FRAC WATER RECOVERY \$343,465.85 8040.2000 IFC - TRUCKING/VACUUM/TRANSP \$8.000.00 8040.2900 IFC - WELL TESTING / FLOWBACK \$98,000.00 8040.3400 **IFC - RENTAL EQUIPMENT** \$10,000.00 **IFC - TANK RENTALS** 8040.3420 \$10,000.00 IFC - SURFACE PUMP RENTAL \$10,000.00 8040.3430 8040.3500 **IFC - WELLSITE SUPERVISION** \$8,000.00 8040.4000 **IFC - CHEMICALS** \$14,000.00 Sub-total \$503,465.85 **Artificial Lift Intangible** IAL - ROAD, LOCATIONS, PITS \$2,000.00 8060.1100 8060.1200 IAL - WORKOVER RIG \$20,000.00 8060.1210 IAL - SPOOLING SERVICES \$10,000.00 8060.1900 IAL - INSPECTION & TESTING \$3,000.00 8060.2000 IAL - TRUCKING/VACUUM/TRANSP \$5,000.00 8060.2010 IAL - KILL TRUCK \$5,000.00 8060.2300 IAL - COMPLETION FLUIDS \$5,000.00 IAL - CONTRACT LABOR/ROUSTABOUT 8060.2600 \$15,000.00 IAL - RENTAL EQUIPMENT \$15,000.00 8060.3400 8060.3410 IAL - LAYDOWN MACHINE \$5,000.00 IAL - REVERSE UNIT RENTAL 8060.3420 \$5,000.00 IAL - WELLSITE SUPERVISION 8060.3500 \$10,000.00 Sub-total \$100,000.00 **Artificial Lift Tangible** TAL - TUBING 8065.1100 \$55,000.00 TAL - DOWNHOLE ARTIFICIAL LIFT EQPT 8065.1300 \$15,000.00 TAL - ESP EQUIPMENT/INSTALL 8065.1310 \$120,000.00 TAL - WELLHEAD EQUIPMENT 8065.2000 \$50,000.00 TAL - WELL SITE POWER EQUIPMENT/INSTALL 8065.2100 \$75,000.00

8065.2200 8065.2500 TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL

TAL - VALVES/CONNECTIONS/FTGS

### **Cost Estimate**

<u>Account</u>	<u>Description</u>		Gross Est. (\$)
8065.3100	TAL - MEASUREMENT EQUIPMENT		\$5,000.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA		\$5,000.00
		Sub-total	\$360,000.00
		Grand Total	\$8,709,523.71

Accepted and Approved By: Company Name (If Applicable):	
By:	
Printed Name:	
Title:	
Date:	



#### **Cost Estimate**

Printed Date: Sept 8, 2025

AFE Number: 500498 Description: BANE 4-9 FEDERAL COM 201H

AFE Name: BANE 4-9 FEDERAL COM 201H AFE TYPE: Drill & Complete - Wolfcamp

Well Operator: PERMIAN RESOURCES

Account	<u>Description</u>		Gross Est. (\$)
Facilities			
8035.1300	FAC - SURFACE DAMAGE		\$357.00
8035.1310	FAC - PERMANENT EASEMENT/ROW		\$1,429.00
8035.1400	FAC - ROAD LOCATIONS PITS		\$17,143.00
8035.1500	FAC - MATERIALS & SUPPLIES		\$2,857.00
8035.1600	FAC - TRANSPORTATION TRUCKING		\$357.00
8035.1700	FAC - RENTAL EQUIPMENT		\$7,143.00
8035.1800	FAC - FUEL / POWER		\$1,786.00
8035.1900	FAC - WATER DISPOSAL / SWD		\$286.00
8035.2000	FAC - WASTE DISPOSAL		\$286.00
8035.2100	FAC - INSPECTION & TESTING		\$179.00
8035.2200	FAC - CONTRACT LABOR / ROUSTAB		\$35,714.00
8035.2400	FAC - SUPERVISION		\$3,429.00
8035.2500	FAC - CONSULTING SERVICES		\$357.00
8035.2900	FAC - TANK BATTERY		\$30,084.00
8035.3000	FAC - HEATER TREATER/SEPARATOR		\$91,143.00
8035.3100	FAC - VRU RENTAL		\$1,429.00
8035.3200	FAC - VALVES FITTINGS & PIPE		\$65,000.00
8035.3300	FAC - CIRCULATING TRNSFER PUMP		\$5,821.00
8035.3400	FAC - METERS		\$19,929.00
8035.3600	FAC - ELECTRICAL		\$42,857.00
8035.3700	FAC - AUTOMATION MATERIAL		\$14,286.00
8035.3800	FAC - FLARE/COMBUSTER		\$8,714.00
8035.4000	FAC - SAFETY / ENVIRONMENTAL		\$1,071.00
8035.4400	FAC - COMPANY LABOR		\$357.00
8035.4500	FAC - CONTINGENCY		\$10,560.00
		Sub-total	\$362,574.00
Pipeline			
8036.1310	PLN - PEMANENT EASEMENT		\$15,152.00
8036.2200	PLN - CONTRACT LABOR		\$55,140.00
8036.2800	PLN - FLOWLINE MATERIAL		\$55,140.00
8036.3200	PLN - VALVES FITTINGS & PIPE		\$10,000.00
8036.3610	PLN - POWER DISTRIBUTION MATERIAL		\$1,786.00
8036.3620	PLN - POWER DISTRIBUTION LABOR		\$1,786.00
		Sub-total	\$139,004.00
Completion Intangible			
8025.1100	ICC - ROAD, LOCATIONS, PITS		\$10,500.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE		\$40,000.00
8025.1500	ICC - FUEL / POWER		\$354,069.00
8025.1600	ICC - COILED TUBING		\$247,983.00

### **Cost Estimate**

Account	Description	Gross Est. (\$)
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK	\$20,160.00
8025.2000	ICC - TRUCKING	\$14,375.00
8025.2200	ICC - ELECTRIC LOGGING / PERFORATING	\$242,025.00
8025.2300	ICC - COMPLETION FLUIDS	\$10,000.00
8025.2500	ICC - WELL STIMULATION/FRACTUR	\$1,825,319.00
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT	\$15,000.00
8025.3000	ICC - WATER HANDLING	\$209,524.00
8025.3050	ICC - SOURCE WATER	\$300,405.00
8025.3100	ICC - WELLHEAD/FRACTREE REPAIR	\$40,000.00
8025.3400	ICC - RENTAL EQUIPMENT	\$184,203.00
8025.3500	ICC - WELLSITE SUPERVISION	\$48,600.00
8025.3600	ICC - SUPERVISION/ENGINEERING	\$5,000.00
8025.3700	ICC - SAFETY / ENVIRONMENTAL	\$15,000.00 \$15,000.00
8025.3800	ICC - OVERHEAD	\$10,000.00
0023.3000	ICC - OVERITEAD	
Completion Tangible		Sub-total \$3,592,163.00
8030.2000	TCC - WELLHEAD EQUIPMENT	\$47,250.00
		Sub-total \$47,250.00
Drilling Intangible		
8015.1000	IDC - PERMITS,LICENSES,ETC	\$15,000.00
8015.1100	IDC - STAKING & SURVEYING	\$15,000.00
8015.1200	IDC - LEGAL, TITLE SERVICES	\$13,000.00
8015.1300	IDC - SURFACE DAMAGE / ROW	\$35,000.00
8015.1310	IDC - PERMANENT EASEMENT	\$12,000.00
8015.1400	IDC - ROAD, LOCATIONS, PITS	\$95,625.00
8015.1500	IDC - RIG MOB / TRUCKING	\$116,875.00
8015.1600	IDC - RIG MOB / STANDBY RATE	\$36,800.00
8015.1700	IDC - DAYWORK CONTRACT	\$606,050.00
8015.1900	IDC - DIRECTNL DRILL & SURVEY	\$255,265.63
8015.2000	IDC - CONDUCTOR HOLE & SERVICE	\$42,500.00
8015.2150	IDC - DRILL BIT	\$105,500.00
8015.2200	IDC - BITS, TOOLS, STABILIZERS	\$61,500.00
8015.2300	IDC - FUEL / POWER	\$124,544.92
8015.2350	IDC - FUEL/MUD	\$81,984.38
8015.2400	IDC - RIG WATER	\$19,375.00
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING	\$193,739.52
8015.2700	IDC - INSPECTION, TESTING & REPAIR	\$37,000.00
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP	\$292,025.00
8015.3100	IDC - CASING CREW & TOOLS	\$75,250.00
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT	\$27,000.00
8015.3400	IDC - MATERIALS & SUPPLIES	\$5,000.00
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP	\$23,250.00
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM	\$60,934.38
8015.3700	IDC - DISPOSAL	\$114,600.00
8015.3800	IDC - WELLHEAD PREPARE/REPAIR	\$12,500.00
8015.4100	IDC - RENTAL EQUIPMENT	\$85,250.00

Printed Date: Sept 8, 2025

### PERMIAN

#### **Cost Estimate**

Gross Est. (\$) **Account Description** 8015.4200 **IDC - MANCAMP** \$40,300.00 8015.4300 **IDC - WELLSITE SUPERVISION** \$89,900.00 IDC - SAFETY / ENVIRONMENTAL 8015.4600 \$17,050.00 8015.5000 **IDC - WELL CONTROL INSURANCE** \$8,525.00 8015.5200 **IDC - CONTINGENCY** \$122,325.47 Sub-total \$2,840,669,28 **Drilling Tangible** 8020.1100 TDC - CASING - SURFACE \$81,436.38 8020.1200 TDC - CASING - INTERMEDIATE - 1 \$174,547.50 8020.1400 TDC - CASING - PRODUCTION \$550,261.06 8020.1500 TDC - WELLHEAD EQUIPMENT \$53,125.00 8020.1700 TDC - PACKER/DOWNHOLE TOOLS \$53.125.00 Sub-total \$912,494.93 Flowback Intangible IFC - ROADS LOCATIONS / PITS 8040.1100 \$2,000,00 8040.1899 IFC - FRAC WATER RECOVERY \$346,450.00 8040.2000 IFC - TRUCKING/VACUUM/TRANSP \$8.000.00 8040.2900 IFC - WELL TESTING / FLOWBACK \$98,000.00 8040.3400 **IFC - RENTAL EQUIPMENT** \$10,000.00 **IFC - TANK RENTALS** 8040.3420 \$10,000.00 IFC - SURFACE PUMP RENTAL \$10,000.00 8040.3430 8040.3500 **IFC - WELLSITE SUPERVISION** \$8,000.00 8040.4000 **IFC - CHEMICALS** \$14,000.00 Sub-total \$506,450.00 **Artificial Lift Intangible** IAL - ROAD, LOCATIONS, PITS \$2,000.00 8060.1100 8060.1200 IAL - WORKOVER RIG \$20,000.00 8060.1210 IAL - SPOOLING SERVICES \$10,000.00 8060.1900 IAL - INSPECTION & TESTING \$3,000.00 8060.2000 IAL - TRUCKING/VACUUM/TRANSP \$5,000.00 8060.2010 IAL - KILL TRUCK \$5,000.00 8060.2300 IAL - COMPLETION FLUIDS \$5,000.00 IAL - CONTRACT LABOR/ROUSTABOUT 8060.2600 \$15,000.00 8060.3400 IAL - RENTAL EQUIPMENT \$15,000.00 8060.3410 IAL - LAYDOWN MACHINE \$5,000.00 IAL - REVERSE UNIT RENTAL 8060.3420 \$5,000.00 IAL - WELLSITE SUPERVISION 8060.3500 \$10,000.00 Sub-total \$100,000.00 **Artificial Lift Tangible** TAL - TUBING 8065.1100 \$55,000.00 TAL - DOWNHOLE ARTIFICIAL LIFT EQPT 8065.1300 \$15,000.00 TAL - ESP EQUIPMENT/INSTALL 8065.1310 \$120,000.00 TAL - WELLHEAD EQUIPMENT 8065.2000 \$50,000.00 TAL - WELL SITE POWER EQUIPMENT/INSTALL 8065.2100 \$75,000.00 TAL - OHP INFRASTRUCTURE EQUIPMENT/INSTALL \$20,000.00 8065.2200 8065.2500 TAL - VALVES/CONNECTIONS/FTGS \$15,000.00

### **Cost Estimate**

<u>Account</u>	<u>Description</u>		Gross Est. (\$)
8065.3100	TAL - MEASUREMENT EQUIPMENT		\$5,000.00
8065.3200	TAL - COMM, TELEMETRY & AUTOMA		\$5,000.00
		Sub-total	\$360,000.00
		Grand Total	\$8,860,605.22

Accepted and Approved By:  Company Name (If Applicable):	
By:	
Printed Name:	
Title:	
Date:	



#### **Cost Estimate**

Printed Date: Sept 8, 2025

AFE Number: 500499 Description: BANE 4-9 FEDERAL COM 202H

AFE Name: BANE 4-9 FEDERAL COM 202H AFE TYPE: Drill & Complete - Wolfcamp

Well Operator: PERMIAN RESOURCES

Account	<u>Description</u>		Gross Est. (\$)
Facilities			
8035.1300	FAC - SURFACE DAMAGE		\$357.00
8035.1310	FAC - PERMANENT EASEMENT/ROW		\$1,429.00
8035.1400	FAC - ROAD LOCATIONS PITS		\$17,143.00
8035.1500	FAC - MATERIALS & SUPPLIES		\$2,857.00
8035.1600	FAC - TRANSPORTATION TRUCKING		\$357.00
8035.1700	FAC - RENTAL EQUIPMENT		\$7,143.00
8035.1800	FAC - FUEL / POWER		\$1,786.00
8035.1900	FAC - WATER DISPOSAL / SWD		\$286.00
8035.2000	FAC - WASTE DISPOSAL		\$286.00
8035.2100	FAC - INSPECTION & TESTING		\$179.00
8035.2200	FAC - CONTRACT LABOR / ROUSTAB		\$35,714.00
8035.2400	FAC - SUPERVISION		\$3,429.00
8035.2500	FAC - CONSULTING SERVICES		\$357.00
8035.2900	FAC - TANK BATTERY		\$30,084.00
8035.3000	FAC - HEATER TREATER/SEPARATOR		\$91,143.00
8035.3100	FAC - VRU RENTAL		\$1,429.00
8035.3200	FAC - VALVES FITTINGS & PIPE		\$65,000.00
8035.3300	FAC - CIRCULATING TRNSFER PUMP		\$5,821.00
8035.3400	FAC - METERS		\$19,929.00
8035.3600	FAC - ELECTRICAL		\$42,857.00
8035.3700	FAC - AUTOMATION MATERIAL		\$14,286.00
8035.3800	FAC - FLARE/COMBUSTER		\$8,714.00
8035.4000	FAC - SAFETY / ENVIRONMENTAL		\$1,071.00
8035.4400	FAC - COMPANY LABOR		\$357.00
8035.4500	FAC - CONTINGENCY		\$10,560.00
		Sub-total	\$362,574.00
Pipeline			
8036.1310	PLN - PEMANENT EASEMENT		\$15,152.00
8036.2200	PLN - CONTRACT LABOR		\$55,140.00
8036.2800	PLN - FLOWLINE MATERIAL		\$55,140.00
8036.3200	PLN - VALVES FITTINGS & PIPE		\$10,000.00
8036.3610	PLN - POWER DISTRIBUTION MATERIAL		\$1,786.00
8036.3620	PLN - POWER DISTRIBUTION LABOR		\$1,786.00
		Sub-total	\$139,004.00
Completion Intangible			
8025.1100	ICC - ROAD, LOCATIONS, PITS		\$10,500.00
8025.1400	ICC - WIRELINE OPEN/CASED HOLE		\$40,000.00
8025.1500	ICC - FUEL / POWER		\$354,069.00
8025.1600	ICC - COILED TUBING		\$247,983.00

### **Cost Estimate**

RESOURCES		Printed D	ale. Sept 6, 2025
<u>Account</u>	<u>Description</u>		Gross Est. (\$)
8025.1800	ICC - WATER DISPOSAL/VACUUM TRUCK		\$20,160.00
8025.2000	ICC - TRUCKING		\$14,375.00
8025.2200	ICC - ELECTRIC LOGGING / PERFORATING		\$242,025.00
8025.2300	ICC - COMPLETION FLUIDS		\$10,000.00
8025.2500	ICC - WELL STIMULATION/FRACTUR		\$1,825,319.00
8025.2600	ICC - CONTRACT LABOR/ROUSTABOUT		\$15,000.00
8025.3000	ICC - WATER HANDLING		\$209,524.00
8025.3050	ICC - SOURCE WATER		\$300,405.00
8025.3100	ICC - WELLHEAD/FRACTREE REPAIR		\$40,000.00
8025.3400	ICC - RENTAL EQUIPMENT		\$184,203.00
8025.3500	ICC - WELLSITE SUPERVISION		\$48,600.00
8025.3600	ICC - SUPERVISION/ENGINEERING		\$5,000.00
8025.3700	ICC - SAFETY / ENVIRONMENTAL		\$15,000.00
8025.3800	ICC - OVERHEAD		\$10,000.00
		Sub-total	\$3,592,163.00
Completion Tangible			
8030.2000	TCC - WELLHEAD EQUIPMENT		\$47,250.00
		Sub-total	\$47,250.00
Drilling Intangible			, ,
8015.1000	IDC - PERMITS,LICENSES,ETC		\$15,000.00
8015.1100	IDC - STAKING & SURVEYING		\$15,000.00
8015.1200	IDC - LEGAL, TITLE SERVICES		\$13,000.00
8015.1300	IDC - SURFACE DAMAGE / ROW		\$35,000.00
8015.1310	IDC - PERMANENT EASEMENT		\$12,000.00
8015.1400	IDC - ROAD, LOCATIONS, PITS		\$95,625.00
8015.1500	IDC - RIG MOB / TRUCKING		\$116,875.00
8015.1600	IDC - RIG MOB / STANDBY RATE		\$36,800.00
8015.1700	IDC - DAYWORK CONTRACT		\$606,050.00
8015.1900	IDC - DIRECTNL DRILL & SURVEY		\$255,265.63
8015.2000	IDC - CONDUCTOR HOLE & SERVICE		\$42,500.00
8015.2150	IDC - DRILL BIT		\$105,500.00
8015.2200	IDC - BITS, TOOLS, STABILIZERS		\$61,500.00
8015.2300	IDC - FUEL / POWER		\$124,544.92
8015.2350	IDC - FUEL/MUD		\$81,984.38
8015.2400	IDC - RIG WATER		\$19,375.00
8015.2500	IDC - MUD/CHEMICALS/ACIDIZING		\$193,739.52
8015.2700	IDC - INSPECTION, TESTING & REPAIR		\$37,000.00
8015.3000	IDC - CEMENT SERV/FLOAT EQUIP		\$292,025.00
8015.3100	IDC - CASING CREW & TOOLS		\$75,250.00
8015.3200	IDC - CONTRACT LABOR/ROUSTABOUT		\$27,000.00
8015.3400	IDC - MATERIALS & SUPPLIES		\$5,000.00
8015.3500	IDC - TRUCKING/VACUUM/ TRANSP		\$23,250.00
8015.3600	IDC - SOLIDS CONTROL/ CLOSED LOOP SYSTEM		\$60,934.38
8015.3700	IDC - DISPOSAL		\$114,600.00
8015.3800	IDC - WELLHEAD PREPARE/REPAIR		\$12,500.00
8015.4100	IDC - RENTAL EQUIPMENT		\$85,250.00
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