

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

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

**CASE 25228**

**APPLICATION OF PBEX OPERATIONS, LLC  
FOR COMPULSORY POOLING AND APPROVAL  
OF AN OVERLAPPING SPACING UNIT,  
EDDY COUNTY AND LEA COUNTY, NEW MEXICO.**

**CASE 25303**

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## Land, Case 25303 – Dr. Vogel SW



## EXHIBIT A

**STATE OF NEW MEXICO  
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**CASE 25303**

**SELF-AFFIRMED STATEMENT OF RUTH PELZEL**

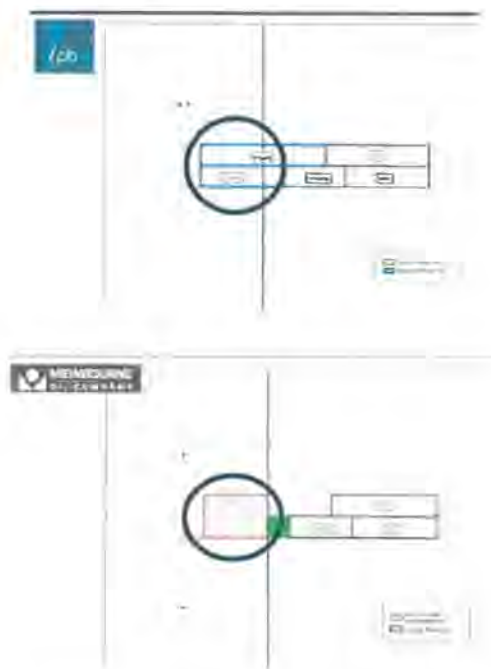
1. I am a Landman with PBEX Operations, LLC ("PBEX") (OGRID No. 332544). I am over the age of 18, have personal knowledge of the matters addressed herein, and am competent to provide this Self-Affirmed Statement, I have previously testified before the New Mexico Oil Conservation Division ("Division") and my credentials as an expert in petroleum landman matters were accepted and made part of the record.
2. I am familiar with the land matters involved in the above-referenced cases.
3. PBEX's compulsory pooling spreadsheet, prepared by PREX's counsel for this case, is attached as **PBEX Exhibit A-1**. Copies of PBEX's Application and proposed hearing notice are attached as **PBEX Exhibit A-2**.
4. There are no depth severances in PBEX's proposed spacing unit.
5. **PBEX Exhibit A-3** contains a locator map showing the general location of the spacing unit at issue.
6. In **Case 25303**, PBEX seeks an order pooling a standard 642.79 acre, more or less, horizontal spacing unit in the Bone Spring formation comprised of the SE/4 of Section 35 and the S/2 of

Section 36, Township 18 South, Range 31 East, NMPM, Eddy County, New Mexico and lots 3-4, E/2 SW/4 of Section 31, Township 18 South, Range 32 East, NMPM, Lea County, New Mexico (the "Dr. Vogel SW 35-31 Unit") . The Dr. Vogel SW 35-31 Unit will be dedicated to the following six (6) proposed wells:

- a. Dr. Vogel SW 35-31 Fed Com 104H (API TBD), which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 2230' from the South Line and 2540' from the West Line of Section 31 (Unit K), Township 18 South, Range 32 East, in Lea County, New Mexico.
- b. Dr. Vogel SW 35-31 Fed Com 105H (API TBD), which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy 1 County New Mexico to a bottom hole located 1254' from the South Line and 2540' from the West Line of Section 31 (Unit N), Township 18 South, Range 32 East, in Lea County, New Mexico.
- c. Dr. Vogel SW 35-31 Fed Com 106H (API TBD), which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 330' from the South Line and 2540' from the West Line of Section 31 (Unit N), Township 18 South, Range 32 East, in Lea County, New Mexico.
- d. Dr. Vogel SW 35-31 Fed Com 207H (API TBD), which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 2230' from the South Line and 2540' from the West Line of Section 31 (Unit K), Township 18 South, Range 32 East, in Lea County, New Mexico.
- e. Dr. Vogel SW 35-31 Fed Com 209H(API TBD), which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 1254' from the South Line and 2540' from the West Line of Section 31 (Unit N), Township 18 South, Range 32 East, in Lea County, New Mexico.
- f. Dr. Vogel SW 35-31 Fed Com 211H (API TBD), which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 330' from the South Line and 2540' from the West Line of Section 31 (Unit N), Township 18 South, Range 32 East, in Lea County, New Mexico.
7. Attached as **PBEX Exhibit A-4** are C-102s for each well in Case 25303.
8. Mewbourne has proposed a competing development plan in Case 25228, which overlaps

in part with PBEX's Unit. In Case 25228, Mewbourne seeks to form a non-standard 960-acre, more or less, horizontal spacing unit in the Bone Spring Formation covering the E/2 of Section 35 and all of Section 36, Township 18 South, Range 31 East, NMPM Eddy County, New Mexico. Similar to PBEX, Mewbourne only proposes Bone Spring development in Case 25228. Mewbourne seeks to dedicate eight (8) wells to its proposed spacing unit, which it has named the Lead Belly 36/35 Fed Com Wells.

9. Diagrams depicting PBEX's and Mewbourne's development plans are as follows, with a circle pointing out the overlapping acreage in the cases:



10. The purpose of my testimony is to demonstrate, from a land perspective, why PBEX's application should be granted, which seek to designate PBEX as the operator of the acreage in the proposed Dr. Vogel SW 35-31 Unit.

11. **PBEX Exhibit A-5** is a summary overview of why PBEX's application should be granted and why Mewbourne's application should be denied. Each of the factors will be discussed by PBEX's witnesses, as relevant to each witness's area of expertise. I will be focusing on ownership, the ability to prudently operate the wells in the PBEX Development Area, and the prevention of waste. As

shown in Exhibit A-5, PBEX will show through their evidence that their plan for the PBEX Development Area:

- a. Is based on geologic and reservoir engineering evidence which shows that PBEX will obtain greater recovery from the proposed prospects and that it will efficiently recover the oil and gas underlying the property, thereby avoiding waste. This will be discussed in testimony provided by PBEX's reservoir engineering expert.
- b. That PBEX has a plan that presents less development risks. This will be discussed by several PBEX expert witnesses.
- c. That PBEX has engaged in good faith negotiations to gain support for the PBEX Development Plan. This will be discussed in my testimony.
- d. That PBEX is a prudent operator that is able to efficiently develop the area. This will be discussed by PBEX's facilities engineering expert and reservoir engineer expert. This will also be shown by demonstrating working interest owner support for PBEX's development plan as discussed in my testimony.
- e. That PBEX is proposing a plan that provides cost savings to other working interest owners for development of the area. This will be discussed by PBEX's reservoir engineering expert.
- f. That PBEX is able to timely locate wells sites and can operate the surface in a responsible manner. This will be discussed by PBEX's facilities engineering expert and reservoir engineering expert.
- g. That PBEX has secured working interest control of 76.6354890% for the Dr. Vogel SW 35-31 Unit in Case 25303. This will be discussed in my testimony.

***PBEX's Working Interest Control:***

12. PBEX has conducted title research for this development area. **PBEX Exhibit A-6** provides an overview of interest control within the PBEX Development Area. Exhibit A-6 also provides a visual of the leases and tracts involved in each case.

13. **PBEX Exhibit A-7** contains plats outlining the subject lands and spacing unit being pooled in Case 25303 along with a list of parties to be pooled in the case. The exhibit identifies the tract

number, net acres, and working interest for the interests being pooled.

14. PBEX has worked diligently to build the support of working interest owners in the proposed Unit. As shown in Exhibit A-6, working interest owners have executed a Joint Operating Agreement joining PBEX's proposed development plans. As a result, PBEX has obtained working interest control over the acreage in its proposed Unit, which I understand to consist of committed working interest owners to the spacing unit who have either executed a Joint Operating Agreement or committed their support.

15. PBEX has the higher working interest control. PBEX has worked to obtain a working interest control percentage of 76.354890% in the Dr. Vogel SW 35-31 Unit in Case 25303.

16. In comparison, Mewbourne is seeking to operate development in the E/2 of Section 35 and all of Section 36, Township 18 South, Range 31 East, NMPM Eddy County but only owns an estimated working interest percentage of 30.333%.

17. PBEX has development plans in the surrounding area. Attached as **PBEX Exhibit A-9** is a map demonstrating that PBEX's proposed wells are part of PBEX's larger development plans for the area, and the map depicts only units that already have NMOCD orders or approvals. There are additional units that PBEX is working on in the area. This map shows the acreage that PBEX has been actively planning and expanding.

18. A review of the spacing unit indicated several overlapping spacing units in the Bone Spring formation:

- a. In Case 25303, the Dr. Vogel SW 35-31 Unit, the proposed spacing unit will overlap with the spacing units for the following wells:
  - Nervous Horz Com #2H API No. 30-015-37143 Operated by COG Operating LLC Producing Spacing Unit: 18-31, Sec. 36: E2E2 Producing Formation: Bone Spring
  - Nervous Horz Com #4H API No. 30-015-37146 Operated by COG Operating LLC Producing Spacing Unit: 18-31, Sec. 36:

W2W2 Producing Formation: Bone Spring

- Nervous Horz Com #3H API No. 30-015-37145 Operated by COG Operating LLC Producing Spacing Unit: 18-31, Sec. 36: W2E2 Producing Formation: Bone Spring
- Lusk 31 Fed #2 API No. 30-025-39079 Operated by EGL Resources Inc. (which is an affiliate of PBEX) Producing Spacing Unit: 18-32, Sec. 31: NESW Producing Formation: Bone Spring
- Eddy JP St Com #1 API No. 30-015-23504 Operated by Matador Production Co Producing Spacing Unit: 18-31, Sec. 36: SESW Producing Formation: Bone Spring

- b. PBEX provided notice of the overlapping spacing unit to the operator of each spacing unit. No objection was received.

***Well Proposals, Proposed Costs, Designated Operator, and Good Faith Negotiations:***

19. PBEX sent well proposal letters for the proposed wells, together with corresponding AFEs, and the Joint Operating Agreement to the working interest owners in Case 25303. A copy of the well proposal letters sent are included in PBEX's exhibits and include estimated costs of the wells set forth in the AFEs are fair, reasonable, and comparable to the costs of other wells of similar depths and lengths drilled in this area of New Mexico. A copy of this well proposal letter, along with the AFEs, is attached hereto as **PBEX Exhibit A-10**.

20. PBEX Brokers and I conducted a diligent search of the public records in Eddy and Lea County, New Mexico, where the Wells are located, and did online computer searches to locate the contact information for parties entitled to notification. I provided the law firms of Bradfute Sayer, P.C. with the names and addresses for the uncommitted interests, overriding royalty interest owners, and operators of wells in the overlapping spacing units.

21. PBEX requests overhead and administrative rates of \$10,000/month for drilling each well and \$1,000/month for producing each well. These rates are fair and comparable to the rates charged by other operators for wells of this type in this area of New Mexico.

22. PBEX respectfully requests that these administrative and overhead costs be incorporated

into any orders entered by the Division in the case. PBEX requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.

23. PBEX requests the maximum cost, plus 200% risk charge, be assessed against the nonconsenting working interest owner.

24. PBEX requests to designate PBEX (OGRID No. 332544) as operator in PBEX's application.

25. PBEX and its agents have been able to locate contact information for the parties it seeks to pool and has undertaken good faith efforts to reach an agreement with the uncommitted interest owners. **PBEX Exhibit A-11** contains a chronology of the contacts with the working interest owners that PBEX seeks to pool. PBEX enlisted the help of brokers, who acted under my supervision, to contact working interest owners to acquire their interests or for their support and commitment for PBEX's proposed development. PBEX has made a good faith effort to obtain voluntary joinder of the working interest owner in the proposed Wells. The chronology of contacts also displays the history of negotiations with parties being pooled under the case.

26. PBEX did not receive a certified mailed notice of Mewbourne's application. PBEX owns Working Interest in the offsetting acreage to Mewbourne's non-standard spacing unit and believes that it should have been sent notice of Mewbourne's application.

27. The working interest owners being pooled have been contacted regarding the proposed PBEX wells but have failed or refused to voluntarily commit their interests in the wells. However, PBEX has been in ongoing discussions with some of the interest owners to voluntarily enter into a Joint Operating Agreement. If a mutually agreeable Joint Operating Agreement is reached between PBEX and another interest owner or owners, PBEX requests that the voluntary agreement become operative and supersede the Division's order for said parties, except to the extent the Division deems it necessary to maintain spacing criteria for the purpose of conservation, the prevention of waste, and protection of

correlative rights.

28. For any unleased open acreage being pooled, PBEX requests that the acreage be pooled pursuant to statutory one-eighth (1/8) royalty.

29. The granting of this Application is in the best interests of conservation, the prevention of waste, and the protection of correlative rights, and will especially avoid the drilling of unnecessary wells.

30. The exhibits to my affidavit were prepared by me or under my direction.

31. Pursuant to Rule 1-011 NMRA, I declare and affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct to the best of my knowledge and belief.



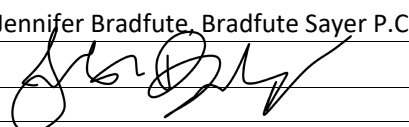
Ruth Pelzel



Date

| <b>COMPULSORY POOLING APPLICATION CHECKLIST</b>                                                                                         |                                                                                                                                                                                                                    | <b>EXHIBIT A-1</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| <b>ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS</b>                                                        |                                                                                                                                                                                                                    |                    |
| <b>Case: 25303, Dr. Vogel SW 35-31 Fed Com Wells</b>                                                                                    | <b>APPLICANT'S RESPONSE</b>                                                                                                                                                                                        |                    |
| <b>Date</b>                                                                                                                             | <b>July 22, 2025</b>                                                                                                                                                                                               |                    |
| Applicant                                                                                                                               | PBEX Operations LLC                                                                                                                                                                                                |                    |
| Designated Operator & OGRID (affiliation if applicable)                                                                                 | 332544                                                                                                                                                                                                             |                    |
| Applicant's Counsel:                                                                                                                    | Bradfute Sayer P.C.                                                                                                                                                                                                |                    |
| Case Title:                                                                                                                             | Application of PBEX Operations, LLC for Compulsory Pooling and Approval of an Overlapping Spring Unit, Eddy and Lea County, New Mexico                                                                             |                    |
| Entries of Appearance/Intervenors:                                                                                                      | Mewbourne Oil Company, Avant Operating II, LLC, COP Operating LLC, ConocoPhillips Company, Concho Oil & Gas, Mongoose Minerals, LLC, XTO Energy                                                                    |                    |
| Well Family                                                                                                                             | Dr. Vogel SW 35-31 Fed Com Wells                                                                                                                                                                                   |                    |
| <b>Formation/Pool</b>                                                                                                                   | Tamano; Bone Spring (Pool Code 58040); Bone Spring; Lusk Bone Spring, North (41450)                                                                                                                                |                    |
| Formation Name(s) or Vertical Extent:                                                                                                   | Bone Spring                                                                                                                                                                                                        |                    |
| Primary Product (Oil or Gas):                                                                                                           | Oil                                                                                                                                                                                                                |                    |
| Pooling this vertical extent:                                                                                                           | Entire Bone Spring Formation                                                                                                                                                                                       |                    |
| Pool Name and Pool Code (Only if NSP is requested):                                                                                     | Tamano; Bone Spring (Pool Code 58040); Lusk, Bone Spring, North (Pool Code 41450)                                                                                                                                  |                    |
| Well Location Setback Rules (Only if NSP is Requested):                                                                                 | Wells will be standard                                                                                                                                                                                             |                    |
| <b>Spacing Unit</b>                                                                                                                     |                                                                                                                                                                                                                    |                    |
| Type (Horizontal/Vertical)                                                                                                              | Horizontal                                                                                                                                                                                                         |                    |
| Size (Acres)                                                                                                                            | 642.79 Acres, more or less                                                                                                                                                                                         |                    |
| Building Blocks:                                                                                                                        | 40 acres                                                                                                                                                                                                           |                    |
| Orientation:                                                                                                                            | West to East; Exhibit A-4 (C-102s) and Exhibit B                                                                                                                                                                   |                    |
| Description: TRS/County                                                                                                                 | SE/4 of Section 35 and the S/2 of Section 36, Township 18 South, Range 31 East, NMPM, Eddy County, New Mexico and lots 3-4, E/2 SW/4 of Section 31, Township 18 South, Range 32 East, NMPM, Lea County, New Mexico |                    |
| Standard Horizontal Well Spacing Unit (Y/N), If No, describe <u>and</u> is approval of non-standard unit requested in this application? | Yes                                                                                                                                                                                                                |                    |
| <b>Other Situations</b>                                                                                                                 |                                                                                                                                                                                                                    |                    |
| Depth Severance: Y/N. If yes, description                                                                                               | N/A                                                                                                                                                                                                                |                    |
| Proximity Tracts: If yes, description                                                                                                   | N/A                                                                                                                                                                                                                |                    |
| Proximity Defining Well: if yes, description                                                                                            | N/A                                                                                                                                                                                                                |                    |
| Applicant's Ownership in Each Tract                                                                                                     | Exhibit A-7                                                                                                                                                                                                        |                    |
| <b>Well(s)</b>                                                                                                                          |                                                                                                                                                                                                                    |                    |

|                                                               |                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Well #1                                                       | Dr. Vogel SW 35-31 Fed Com 104H, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 2230' from the South Line and 2540' from the West Line of Section 31 (Unit K), Township 18 South, Range 32 East, in Lea County, New Mexico. |
| Well #2                                                       | Dr. Vogel SW 35-31 Fed Com 105H, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 1254' from the South Line and 2540' from the West Line of Section 31 (Unit N), Township 18 South, Range 32 East, in Lea County, New Mexico. |
| Well #3                                                       | Dr. Vogel SW 35-31 Fed Com 106H, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 330' from the South Line and 2540' from the West Line of Section 31 (Unit N), Township 18 South, Range 32 East, in Lea County, New Mexico.  |
| Well #4                                                       | Dr. Vogel SW 35-31 Fed Com 207H, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 2230' from the South Line and 2540' from the West Line of Section 31 (Unit K), Township 18 South, Range 32 East, in Lea County, New Mexico. |
| Well #5                                                       | Dr. Vogel SW 35-31 Fed Com 209H, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 1254' from the South Line and 2540' from the West Line of Section 31 (Unit N), Township 18 South, Range 32 East, in Lea County, New Mexico. |
| Well #6                                                       | Dr. Vogel SW 35-31 Fed Com 211H, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 330' from the South Line and 2540' from the West Line of Section 31 (Unit N), Township 18 South, Range 32 East, in Lea County, New Mexico.  |
| Horizontal Well First and Last Take Points                    | Exhibit A-4 (C-102s)                                                                                                                                                                                                                                                                                                                         |
| Completion Target (Formation, TVD and MD)                     | Exhibits B-4, D-2                                                                                                                                                                                                                                                                                                                            |
| <b>AFE Capex and Operating Costs</b>                          |                                                                                                                                                                                                                                                                                                                                              |
| Drilling Supervision/Month \$                                 | Exhibits A; A-10 (\$10,000)                                                                                                                                                                                                                                                                                                                  |
| Production Supervision/Month \$                               | Exhibits A, A-10 (\$1000)                                                                                                                                                                                                                                                                                                                    |
| Justification for Supervision Costs                           | Exhibit A                                                                                                                                                                                                                                                                                                                                    |
| Requested Risk Charge                                         | Exhibit A; Exhibit A-2                                                                                                                                                                                                                                                                                                                       |
| <b>Notice of Hearing</b>                                      |                                                                                                                                                                                                                                                                                                                                              |
| Proposed Notice of Hearing                                    | Exhibit A-2                                                                                                                                                                                                                                                                                                                                  |
| Proof of Mailed Notice of Hearing (20 days before hearing)    | Exhibit E-2; Exhibit E-3                                                                                                                                                                                                                                                                                                                     |
| Proof of Published Notice of Hearing (10 days before hearing) | Exhibit C-4 (published April 24, 2025)                                                                                                                                                                                                                                                                                                       |
| <b>Ownership Determination</b>                                |                                                                                                                                                                                                                                                                                                                                              |

|                                                                                                                                                  |                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Land Ownership Schematic of the Spacing Unit                                                                                                     | Exhibit A-7                                                                          |
| Tract List (including lease numbers and owners)                                                                                                  | Exhibit A-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 A-7 (pooling working interest owners)                                        |
| Unlocatable Parties to be Pooled                                                                                                                 | 1 notice in transit; Exhibit E-2                                                     |
| Ownership Depth Severance (including percentage above & below)                                                                                   | N/A                                                                                  |
| <b>Joinder</b>                                                                                                                                   |                                                                                      |
| Sample Copy of Proposal Letter                                                                                                                   | Exhibit A-10                                                                         |
| List of Interest Owners (ie Exhibit A of JOA)                                                                                                    | Exhibit A-7, p.2                                                                     |
| Chronology of Contact with Non-Joined Working Interests                                                                                          | Exhibit A-11                                                                         |
| Overhead Rates In Proposal Letter                                                                                                                | Exhibit A-10, p.2                                                                    |
| Cost Estimate to Drill and Complete                                                                                                              | Exhibit A-10                                                                         |
| Cost Estimate to Equip Well                                                                                                                      | Exhibit A-10                                                                         |
| Cost Estimate for Production Facilities                                                                                                          | Exhibit A-10                                                                         |
| <b>Geology</b>                                                                                                                                   |                                                                                      |
| Summary (including special considerations)                                                                                                       | Exhibit B                                                                            |
| Spacing Unit Schematic                                                                                                                           | Exhibit B-2; Exhibit A-4 (C-102s)                                                    |
| Gunbarrel/Lateral Trajectory Schematic                                                                                                           | Exhibit D-2                                                                          |
| Well Orientation (with rationale)                                                                                                                | Exhibit B                                                                            |
| Target Formation                                                                                                                                 | Exhibit B                                                                            |
| HSU Cross Section                                                                                                                                | Exhibit B-5 and B-6 (Exhibits B-3 and B-7 are for infill wells)                      |
| Depth Severance Discussion                                                                                                                       | There are no depth severances, Exhibit A                                             |
| <b>Forms, Figures and Tables</b>                                                                                                                 |                                                                                      |
| C-102                                                                                                                                            | Exhibit A-4 (C-102s)                                                                 |
| Tracts                                                                                                                                           | Exhibit A-7                                                                          |
| Summary of Interests, Unit Recapitulation (Tracts)                                                                                               | Exhibit A-7                                                                          |
| General Location Map (including basin)                                                                                                           | Exhibit B-2                                                                          |
| Well Bore Location Map                                                                                                                           | Exhibit B-2                                                                          |
| Structure Contour Map - Subsea Depth                                                                                                             | Exhibit B-3; Exhibit B-8                                                             |
| Cross Section Location Map (including wells)                                                                                                     | Exhibit B-3                                                                          |
| Cross Section (including Landing Zone)                                                                                                           | Exhibit B-5 and B-6 (Exhibits B-3 and B-7 are for infill wells)                      |
| <b>Additional Information</b>                                                                                                                    |                                                                                      |
| Special Provisions/Stipulations                                                                                                                  | None                                                                                 |
| <b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b>                                 |                                                                                      |
| <b>Printed Name</b> (Attorney or Party Representative):                                                                                          | Jennifer Bradfute, Bradfute Sayer P.C.                                               |
| <b>Signed Name</b> (Attorney or Party Representative):                                                                                           |  |
| <b>Date:</b>                                                                                                                                     | 7/22/2025                                                                            |

## EXHIBIT A-2

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

**APPLICATION OF PBEX OPERATIONS, LLC  
FOR COMPULSORY POOLING AND  
APPROVAL OF AN OVERLAPPING SPACING  
UNIT, EDDY COUNTY AND LEA COUNTY, NEW  
MEXICO.**

CASE NO. \_\_\_\_\_

**APPLICATION**

In accordance with NMSA 1978, § 70-2-17, PBEX Operations, LLC (“PBEX” or “Applicant”), through its undersigned attorney, files this application with the Oil Conservation Division (“Division”) seeking an order pooling a standard 642.79 acre, more or less, horizontal spacing unit in the Bone Spring formation comprised of the SE/4 of Section 35 and the S/2 of Section 36, Township 18 South, Range 31 East, NMPM, Eddy County, New Mexico and lots 3-4, E/2 SW/4 of Section 31, Township 18 South, Range 32 East, NMPM, Lea County, New Mexico. In support of this application, PBEX states the following.

1. Applicant (OGRID No. 332544) is a working interest owner in the Unit and has the right to drill thereon.
2. Applicant seeks to initially dedicate the Unit to the following proposed wells (“Wells”):
  - a. **Dr. Vogel SW 35-31 Fed Com 104H**, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 2230’ from the South Line and 2540’ from the West Line of Section 31 (Unit K), Township 18 South, Range 32 East, in Lea County, New Mexico.
  - b. **Dr. Vogel SW 35-31 Fed Com 105H**, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy

County New Mexico to a bottom hole located 1254' from the South Line and 2540' from the West Line of Section 31 (Unit N), Township 18 South, Range 32 East, in Lea County, New Mexico.

- c. **Dr. Vogel SW 35-31 Fed Com 106H**, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 330' from the South Line and 2540' from the West Line of Section 31 (Unit N), Township 18 South, Range 32 East, in Lea County, New Mexico.
- d. **Dr. Vogel SW 35-31 Fed Com 207H**, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 2230' from the South Line and 2540' from the West Line of Section 31 (Unit K), Township 18 South, Range 32 East, in Lea County, New Mexico.
- e. **Dr. Vogel SW 35-31 Fed Com 209H**, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 1254' from the South Line and 2540' from the West Line of Section 31 (Unit N), Township 18 South, Range 32 East, in Lea County, New Mexico.
- f. **Dr. Vogel SW 35-31 Fed Com 211H**, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 330' from the South Line and 2540' from the West Line of Section 31 (Unit N), Township 18 South, Range 32 East, in Lea County, New Mexico.

3. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all the interest owners in the Unit.

4. The pooling of interests will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

5. The proposed spacing unit will cover acreage in both Lea and Eddy Counties.

6. The proposed spacing unit will also partially overlap with the spacing units for the following pre-existing wells:

- a. **Nervous Horz Com #2H**  
API No. 30-015-37143  
Operated by COG Operating LLC  
Producing Spacing Unit: 18-31, Sec. 36: E2E2  
Producing Formation: Bone Spring
- b. **Nervous Horz Com #4H**  
API No. 30-015-37146  
Operated by COG Operating LLC  
Producing Spacing Unit: 18-31, Sec. 36: W2W2  
Producing Formation: Bone Spring
- c. **Nervous Horz Com #3H**  
API No. 30-015-37145  
Operated by COG Operating LLC  
Producing Spacing Unit: 18-31, Sec. 36: W2E2  
Producing Formation: Bone Spring
- d. **Lusk 31 Fed #2**  
API No. 30-025-39079  
Operated by EGL Resources Inc.  
Producing Spacing Unit: 18-32, Sec. 31: NESW  
Producing Formation: Bone Spring
- e. **Eddy JP St Com #1**  
API No. 30-015-23504  
Operated by Matador Production Co  
Producing Spacing Unit: 18-31, Sec. 36: SESW  
Producing Formation: Bone Spring

7. Applicant requests that the Division approve its overlapping spacing unit.

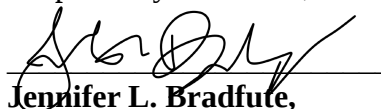
8. To allow Applicant to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in the Unit should be pooled and Applicant should be designated the operator of the proposed horizontal wells and the Unit.

WHEREFORE, Applicant requests that this application be set for hearing before an

Examiner of the Oil Conservation Division on May 8, 2025, and, after notice and hearing as required by law, the Division enter an order:

- A. Pooling all uncommitted interests in the Unit;
- B. Approving the initial wells in the Unit;
- C. Designating Applicant as the operator of the Unit and the horizontal wells to be drilled thereon;
- D. Approving the overlapping spacing units;
- E. Authorizing Applicant to recover its costs of drilling, equipping, and completing the wells;
- F. Approving the actual operating charges and costs of supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- G. Imposing a 200% charge 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,



**Jennifer L. Bradfute,  
Matthias Sayer**

**Bradfute Sayer P.C.**  
P.O. Box 90233  
Albuquerque, NM 87199  
Phone 505.264.8740  
[jennifer@bradfutelaw.com](mailto:jennifer@bradfutelaw.com)

- CASE \_\_\_\_\_: **Application of PBEX Operations, LLC for Compulsory Pooling and Approval of an Overlapping Spacing Unit, Eddy County and Lea County, New Mexico.** Applicant in the above-styled cause seeks an order pooling a standard 642.79 acre, more or less, horizontal well spacing unit in the Bone Spring formation comprised of the SE/4 of Section 35 and the S/2 of Section 36, Township 18 South, Range 31 East, NMPM, Eddy County, New Mexico and lots 3-4, E/2 SW/4 of Section 31, Township 18 South, Range 32 East, NMPM, Lea County, New Mexico initially dedicated to the proposed Dr. Vogel SW 35-31 Fed Com 104H, 105H, 106H, and the Dr. Vogel SW 35-31 Fed Com 207H, 209H, and 211H wells to be horizontally drilled as follows:
- **Dr. Vogel SW 35-31 Fed Com 104H**, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 2230' from the South Line and 2540' from the West Line of Section 31 (Unit K), Township 18 South, Range 32 East, in Lea County, New Mexico.
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The spacing unit for these wells will overlap with the spacing units for the: **Nervous Horz Com #2H** (API No. 30-015-37143) in the E/2 E/2 of Section 36, Township 18 South, Range 31 East; **Nervous Horz Com #4H** (API No. 30-015-37146) in the W/2 W/2 of Section 36, Township 18 South, Range 31 East; **Nervous Horz Com #3H** (API No. 30-015-37145) in the W/2 E/2 of Section 36, Township 18 South, Range 31 East; **Lusk 31 Fed #2** (API No. 30-025-39079) in the NESW of Section 31, Township 18 South, Range 32 East; **Eddy JP St Com #1** (API No. 30-015-23504) in the SESW of Section 36, Township 18 South, Range 31 East. Applicant requests approval of the overlapping spacing unit. 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 PBEX Operations, LLC as operator of the wells, and a 200% charge for risk involved in drilling said wells. The subject area is located approximately 30.1 miles Northeast of Carlsbad, New Mexico.

# Locator Map & Development Layout Comparison



PBEX proposed unit layouts fit into the current pooled unit outlines and optimally develops the NE4 of 35, N2 of 36, N2 of 31 and NW4 of 32 with extended laterals reducing surface disturbance.

**C-102**Submit Electronically  
Via OCD PermittingState of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**

Revised July 9, 2024

Submittal  
Type:

- ☒
- Initial Submittal
- 
- ☐
- Amended Report
- 
- ☐
- As Drilled

**WELL LOCATION INFORMATION**

|                                                                                                                                             |                                                    |                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| API Number                                                                                                                                  | Pool Code<br><b>58040</b>                          | Pool Name<br><b>Tamano, Bone Spring</b>                                                                                                     |
| Property Code                                                                                                                               | Property Name<br><b>DR. VOGEL SW 35-31 FED COM</b> | Well Number<br><b>#104H</b>                                                                                                                 |
| OGRID No.<br><b>332544</b>                                                                                                                  | Operator Name<br><b>PBEX OPERATIONS, LLC</b>       | Ground Level Elevation<br><b>3,642'</b>                                                                                                     |
| Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |                                                    | Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |

**Surface Location**

|          |           |            |            |     |                   |                   |                   |                     |             |
|----------|-----------|------------|------------|-----|-------------------|-------------------|-------------------|---------------------|-------------|
| UL       | Section   | Township   | Range      | Lot | Ft. from N/S      | Ft. from E/W      | Latitude          | Longitude           | County      |
| <b>J</b> | <b>35</b> | <b>18S</b> | <b>31E</b> |     | <b>1,601' FSL</b> | <b>2,335' FEL</b> | <b>32.701159°</b> | <b>-103.839111°</b> | <b>EDDY</b> |

**Bottom Hole Location**

|          |           |            |            |     |                   |                   |                   |                     |            |
|----------|-----------|------------|------------|-----|-------------------|-------------------|-------------------|---------------------|------------|
| UL       | Section   | Township   | Range      | Lot | Ft. from N/S      | Ft. from E/W      | Latitude          | Longitude           | County     |
| <b>K</b> | <b>31</b> | <b>18S</b> | <b>32E</b> |     | <b>2,230' FSL</b> | <b>2,540' FWL</b> | <b>32.702927°</b> | <b>-103.806097°</b> | <b>LEA</b> |

|                               |                         |                   |                                                                                                    |                    |
|-------------------------------|-------------------------|-------------------|----------------------------------------------------------------------------------------------------|--------------------|
| Dedicated Acres<br><b>480</b> | Infill or Defining Well | Defining Well API | Overlapping Spacing Unit (Y/N)                                                                     | Consolidation Code |
| Order Numbers.                |                         |                   | Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No |                    |

**Kick Off Point (KOP)**

|          |           |            |            |     |                   |                   |                   |                     |             |
|----------|-----------|------------|------------|-----|-------------------|-------------------|-------------------|---------------------|-------------|
| UL       | Section   | Township   | Range      | Lot | Ft. from N/S      | Ft. from E/W      | Latitude          | Longitude           | County      |
| <b>J</b> | <b>35</b> | <b>18S</b> | <b>31E</b> |     | <b>1,601' FSL</b> | <b>2,335' FEL</b> | <b>32.701159°</b> | <b>-103.839111°</b> | <b>EDDY</b> |

**First Take Point (FTP)**

|          |           |            |            |     |                   |                   |                   |                     |             |
|----------|-----------|------------|------------|-----|-------------------|-------------------|-------------------|---------------------|-------------|
| UL       | Section   | Township   | Range      | Lot | Ft. from N/S      | Ft. from E/W      | Latitude          | Longitude           | County      |
| <b>J</b> | <b>35</b> | <b>18S</b> | <b>31E</b> |     | <b>2,230' FSL</b> | <b>2,540' FEL</b> | <b>32.702887°</b> | <b>-103.839779°</b> | <b>EDDY</b> |

**Last Take Point (LTP)**

|          |           |            |            |     |                   |                   |                   |                     |            |
|----------|-----------|------------|------------|-----|-------------------|-------------------|-------------------|---------------------|------------|
| UL       | Section   | Township   | Range      | Lot | Ft. from N/S      | Ft. from E/W      | Latitude          | Longitude           | County     |
| <b>K</b> | <b>31</b> | <b>18S</b> | <b>32E</b> |     | <b>2,230' FSL</b> | <b>2,540' FWL</b> | <b>32.702927°</b> | <b>-103.806097°</b> | <b>LEA</b> |

|                                           |                                                                                         |                         |
|-------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------|
| Unitized Area or Area of Uniform Interest | Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical | Ground Floor Elevation: |
|-------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------|

**OPERATOR CERTIFICATIONS**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

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

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

Email Address \_\_\_\_\_

**SURVEYOR CERTIFICATIONS**

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.

**PRELIMINARY**

THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY  
PURPOSE AND SHALL NOT BE USED OR VIEWED OR  
RELIED UPON AS A FINAL SURVEY DOCUMENT.

MARK J. MURRAY P.L.S. NO. 12177

Signature and Seal of Professional Surveyor \_\_\_\_\_

Certificate Number \_\_\_\_\_

Date of Survey \_\_\_\_\_

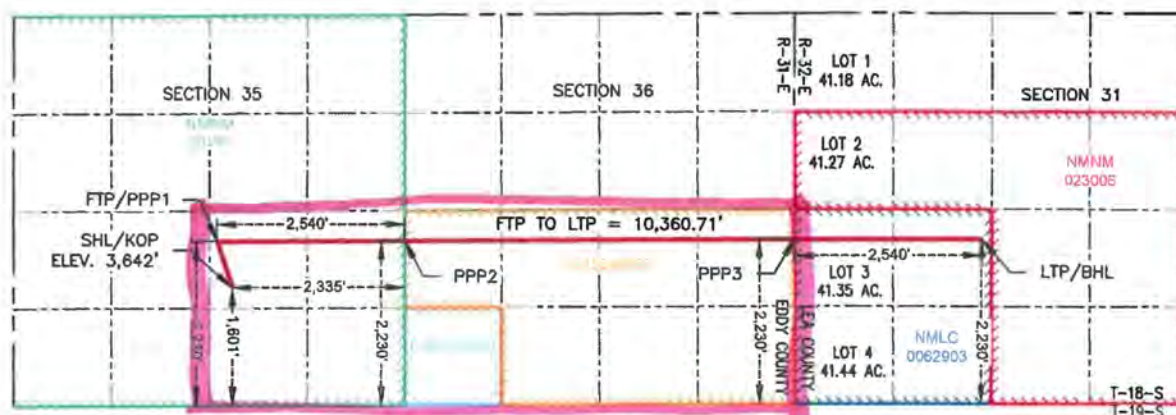
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

020

## ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



## DR. VOGEL SW 35-31 FED COM #104H

SURFACE HOLE LOCATION  
& KICK-OFF POINT  
1,601' FSL & 2,335' FEL  
ELEV. = 3,642'

NAD 83 X = 693,364.07'  
NAD 83 Y = 619,167.32'  
NAD 83 LAT = 32.701159°  
NAD 83 LONG = -103.839111°

FIRST TAKE POINT &  
PENETRATION POINT 1  
2,230' FSL & 2,540' FEL

NAD 83 X = 693,155.64'  
NAD 83 Y = 619,794.93'  
NAD 83 LAT = 32.702887°  
NAD 83 LONG = -103.839779°

PENETRATION POINT 2  
2,230' FSL & 0' FEL

NAD 83 X = 695,695.58'  
NAD 83 Y = 619,812.73'  
NAD 83 LAT = 32.702903°  
NAD 83 LONG = -103.831522°

PENETRATION POINT 3  
2,230' FSL & 0' FEL

NAD 83 X = 700,976.12'  
NAD 83 Y = 619,851.95'  
NAD 83 LAT = 32.702941°  
NAD 83 LONG = -103.814355°

LAST TAKE POINT &  
BOTTOM HOLE LOCATION  
2,230' FSL & 2,540' FWL

NAD 83 X = 703,516.14'  
NAD 83 Y = 619,859.18'  
NAD 83 LAT = 32.702927°  
NAD 83 LONG = -103.806097°

|                                                                 |                                                                                                                              |                                                                                                                                         |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>C-102</b><br><br>Submit Electronically<br>Via OCD Permitting | <b>State of New Mexico</b><br><b>Energy, Minerals &amp; Natural Resources Department</b><br><b>OIL CONSERVATION DIVISION</b> | Revised July 9, 2024                                                                                                                    |
|                                                                 | Submittal Type:                                                                                                              | <input checked="" type="checkbox"/> Initial Submittal<br><input type="checkbox"/> Amended Report<br><input type="checkbox"/> As Drilled |
|                                                                 |                                                                                                                              |                                                                                                                                         |

## WELL LOCATION INFORMATION

|                                                                                                                                             |                                                    |                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| API Number                                                                                                                                  | Pool Code<br><b>41450</b>                          | Pool Name<br><b>Lusk, Bone Spring, North</b>                                                                                                |
| Property Code                                                                                                                               | Property Name<br><b>DR. VOGEL SW 35-31 FED COM</b> | Well Number<br><b>#104H</b>                                                                                                                 |
| OGRID No.<br><b>332544</b>                                                                                                                  | Operator Name<br><b>PBEX OPERATIONS, LLC</b>       | Ground Level Elevation<br><b>3,642'</b>                                                                                                     |
| Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |                                                    | Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |

## Surface Location

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| J  | 35      | 18S      | 31E   |     | 1,601' FSL   | 2,335' FEL   | 32.701159° | -103.839111° | EDDY   |

## Bottom Hole Location

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| K  | 31      | 18S      | 32E   |     | 2,230' FSL   | 2,540' FWL   | 32.702927° | -103.806097° | LEA    |

|                                  |                         |                   |                                                                                                    |                    |
|----------------------------------|-------------------------|-------------------|----------------------------------------------------------------------------------------------------|--------------------|
| Dedicated Acres<br><b>162.79</b> | Infill or Defining Well | Defining Well API | Overlapping Spacing Unit (Y/N)                                                                     | Consolidation Code |
| Order Numbers.                   |                         |                   | Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No |                    |

## Kick Off Point (KOP)

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| J  | 35      | 18S      | 31E   |     | 1,601' FSL   | 2,335' FEL   | 32.701159° | -103.839111° | EDDY   |

## First Take Point (FTP)

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|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
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## Last Take Point (LTP)

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
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|                                           |                                                                                         |                         |
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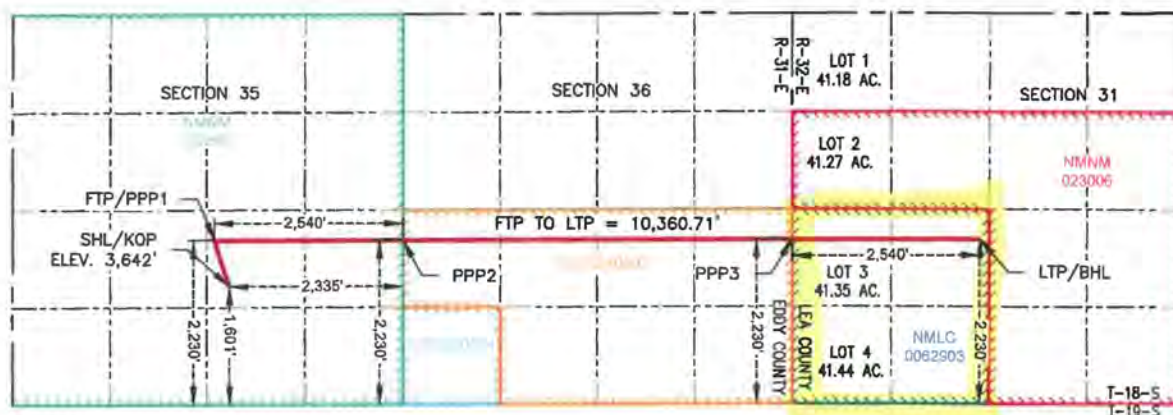
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OPERATOR CERTIFICATIONS</b><br><br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.<br><br>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division. | <b>SURVEYOR CERTIFICATIONS</b><br><br>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.<br><br><div style="text-align: center; color: red; font-weight: bold; font-size: 1.2em;">PRELIMINARY</div> <div style="text-align: center; color: red; font-size: 0.8em;">THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS A FINAL SURVEY DOCUMENT.</div> <div style="text-align: center;">MARK J. MURRAY P.L.S. NO. 12177</div> |
| Signature _____ Date _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Signature and Seal of Professional Surveyor _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Printed Name _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Certificate Number _____ Date of Survey _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Email Address _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

Note: 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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NAD 83 LAT = 32.702903°  
NAD 83 LONG = -103.831522°

PENETRATION POINT 3  
2,230' FSL & 0' FEL

NAD 83 X = 700,976.12'  
NAD 83 Y = 619,851.95'  
NAD 83 LAT = 32.702941°  
NAD 83 LONG = -103.814355°

LAST TAKE POINT &  
BOTTOM HOLE LOCATION  
2,230' FSL & 2,540' FWL

NAD 83 X = 703,516.14'  
NAD 83 Y = 619,859.18'  
NAD 83 LAT = 32.702927°  
NAD 83 LONG = -103.806097°

|                                                                 |                                                                                                            |                                                                                                                                         |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>C-102</b><br><br>Submit Electronically<br>Via OCD Permitting | State of New Mexico<br>Energy, Minerals & Natural Resources Department<br><b>OIL CONSERVATION DIVISION</b> | Revised July 9, 2024                                                                                                                    |
|                                                                 | Submittal Type:                                                                                            | <input checked="" type="checkbox"/> Initial Submittal<br><input type="checkbox"/> Amended Report<br><input type="checkbox"/> As Drilled |
|                                                                 |                                                                                                            |                                                                                                                                         |

## WELL LOCATION INFORMATION

|                                                                                                                                             |                                                    |                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| API Number                                                                                                                                  | Pool Code<br><b>41450</b>                          | Pool Name<br><b>Lusk, Bone Spring, North</b>                                                                                                |
| Property Code                                                                                                                               | Property Name<br><b>DR. VOGEL SW 35-31 FED COM</b> | Well Number<br><b>#105H</b>                                                                                                                 |
| OGRID No.<br><b>332544</b>                                                                                                                  | Operator Name<br><b>PBEX OPERATIONS, LLC</b>       | Ground Level Elevation<br><b>3,642'</b>                                                                                                     |
| Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |                                                    | Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |

## Surface Location

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| J  | 35      | 18S      | 31E   |     | 1,541' FSL   | 2,335' FEL   | 32.700994° | -103.839110° | EDDY   |

## Bottom Hole Location

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| N  | 31      | 18S      | 32E   |     | 1,254' FSL   | 2,540' FWL   | 32.700244° | -103.806089° | LEA    |

|                                  |                         |                   |                                                                                                    |                    |
|----------------------------------|-------------------------|-------------------|----------------------------------------------------------------------------------------------------|--------------------|
| Dedicated Acres<br><b>112.79</b> | Infill or Defining Well | Defining Well API | Overlapping Spacing Unit (Y/N)                                                                     | Consolidation Code |
| Order Numbers.                   |                         |                   | Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No |                    |

## Kick Off Point (KOP)

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| J  | 35      | 18S      | 31E   |     | 1,541' FSL   | 2,335' FEL   | 32.700994° | -103.839110° | EDDY   |

## First Take Point (FTP)

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| O  | 35      | 18S      | 31E   |     | 1,254' FSL   | 2,540' FEL   | 32.700204° | -103.839776° | EDDY   |

## Last Take Point (LTP)

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| N  | 31      | 18S      | 32E   |     | 1,254' FSL   | 2,540' FWL   | 32.700244° | -103.806089° | LEA    |

|                                           |                                                                                         |                         |
|-------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------|
| Unitized Area or Area of Uniform Interest | Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical | Ground Floor Elevation: |
|-------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------|

## OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

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

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

Email Address \_\_\_\_\_

## SURVEYOR CERTIFICATIONS

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.

PRELIMINARY

THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS A FINAL SURVEY DOCUMENT

**MARK J. MURRAY P.L.S. NO. 12177**

Signature and Seal of Professional Surveyor \_\_\_\_\_

Certificate Number \_\_\_\_\_

Date of Survey \_\_\_\_\_

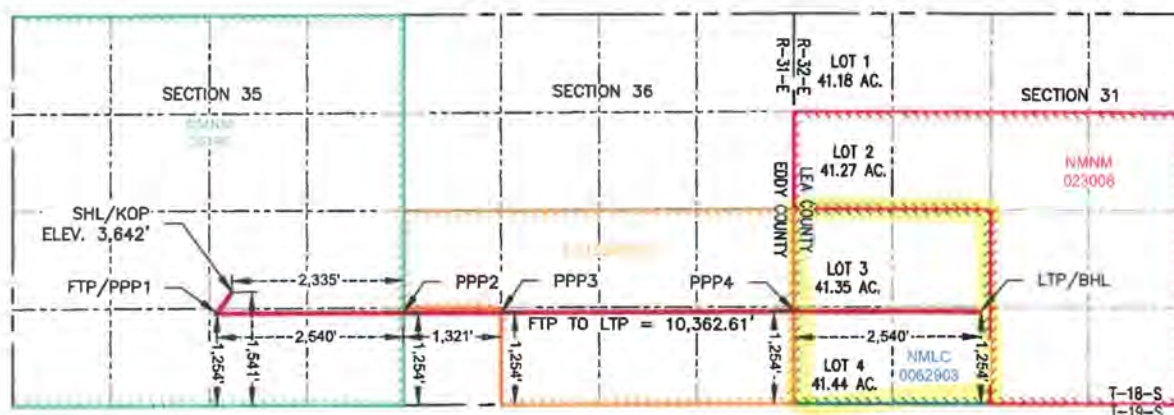
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

024

## ACREAGE DEDICATION PLATS

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Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



## DR. VOGEL SW 35-31 FED COM #105H

SURFACE HOLE LOCATION  
& KICK-OFF POINT  
1,541' FSL & 2,335' FEL  
ELEV. = 3,642'

NAD 83 X = 693,364.43'  
NAD 83 Y = 619,107.32'  
NAD 83 LAT = 32.700994°  
NAD 83 LONG = -103.839110°

FIRST TAKE POINT &  
PENETRATION POINT 1  
1,254' FSL & 2,540' FEL

NAD 83 X = 693,161.06'  
NAD 83 Y = 618,818.95'  
NAD 83 LAT = 32.700204°  
NAD 83 LONG = -103.839776°

PENETRATION POINT 2  
1,254' FSL & 0' FEL

NAD 83 X = 695,701.00'  
NAD 83 Y = 618,836.75'  
NAD 83 LAT = 32.700221°  
NAD 83 LONG = -103.831519°

PENETRATION POINT 3  
1,254' FSL & 1,321' FWL

NAD 83 X = 697,021.74'  
NAD 83 Y = 618,846.56'  
NAD 83 LAT = 32.700230°  
NAD 83 LONG = -103.827225°

PENETRATION POINT 4  
1,254' FSL & 0' FEL

NAD 83 X = 700,983.43'  
NAD 83 Y = 618,875.97'  
NAD 83 LAT = 32.700259°  
NAD 83 LONG = -103.814346°

LAST TAKE POINT &  
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NAD 83 X = 703,523.45'  
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|                                                                 |                                                                                                            |                                                                                                                                         |                      |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| <b>C-102</b><br><br>Submit Electronically<br>Via OCD Permitting | State of New Mexico<br>Energy, Minerals & Natural Resources Department<br><b>OIL CONSERVATION DIVISION</b> |                                                                                                                                         | Revised July 9, 2024 |
|                                                                 | Submittal Type:                                                                                            | <input checked="" type="checkbox"/> Initial Submittal<br><input type="checkbox"/> Amended Report<br><input type="checkbox"/> As Drilled |                      |
|                                                                 |                                                                                                            |                                                                                                                                         |                      |

## WELL LOCATION INFORMATION

|                                                                                                                                             |                                                    |                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| API Number                                                                                                                                  | Pool Code<br><b>58040</b>                          | Pool Name<br><b>Tamando, BoneSpring</b>                                                                                                     |
| Property Code                                                                                                                               | Property Name<br><b>DR. VOGEL SW 35-31 FED COM</b> | Well Number<br><b>#105H</b>                                                                                                                 |
| OGRID No.<br><b>332544</b>                                                                                                                  | Operator Name<br><b>PBEX OPERATIONS, LLC</b>       | Ground Level Elevation<br><b>3,642'</b>                                                                                                     |
| Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |                                                    | Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |

## Surface Location

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| J  | 35      | 18S      | 31E   |     | 1,541' FSL   | 2,335' FEL   | 32.700994° | -103.839110° | EDDY   |

## Bottom Hole Location

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| N  | 31      | 18S      | 32E   |     | 1,254' FSL   | 2,540' FWL   | 32.700244° | -103.806089° | LEA    |

|                               |                         |                   |                                                                                                    |                    |
|-------------------------------|-------------------------|-------------------|----------------------------------------------------------------------------------------------------|--------------------|
| Dedicated Acres<br><b>480</b> | Infill or Defining Well | Defining Well API | Overlapping Spacing Unit (Y/N)                                                                     | Consolidation Code |
| Order Numbers.                |                         |                   | Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No |                    |

## Kick Off Point (KOP)

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
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## First Take Point (FTP)

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| O  | 35      | 18S      | 31E   |     | 1,254' FSL   | 2,540' FEL   | 32.700204° | -103.839776° | EDDY   |

## Last Take Point (LTP)

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| N  | 31      | 18S      | 32E   |     | 1,254' FSL   | 2,540' FWL   | 32.700244° | -103.806089° | LEA    |

|                                           |                                                                                         |                         |
|-------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------|
| Unitized Area or Area of Uniform Interest | Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical | Ground Floor Elevation: |
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|               |      |
|---------------|------|
| Signature     | Date |
| Printed Name  |      |
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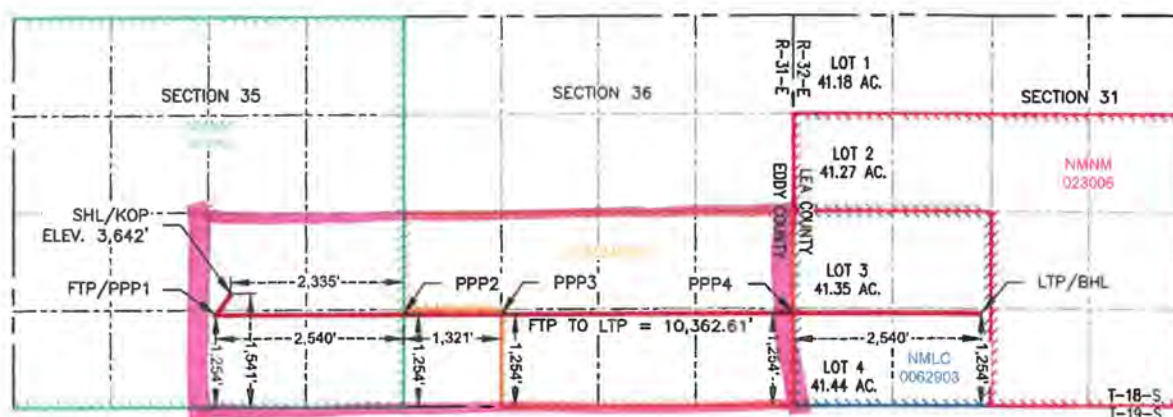
|                                             |                |
|---------------------------------------------|----------------|
| Signature and Seal of Professional Surveyor |                |
| Certificate Number                          | Date of Survey |

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1,541' FSL & 2,335' FEL  
ELEV. = 3,642'

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NAD 83 X = 703,523.45'  
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|                                                                 |                                                                                                            |                                                                                                                                         |
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|                                                                 | Submittal Type:                                                                                            | <input checked="" type="checkbox"/> Initial Submittal<br><input type="checkbox"/> Amended Report<br><input type="checkbox"/> As Drilled |
|                                                                 |                                                                                                            |                                                                                                                                         |

## WELL LOCATION INFORMATION

|                                                                                                                                             |                                                    |                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| API Number                                                                                                                                  | Pool Code<br><b>58040</b>                          | Pool Name<br><b>Tamano, Bone Spring</b>                                                                                                     |
| Property Code                                                                                                                               | Property Name<br><b>DR. VOGEL SW 35-31 FED COM</b> |                                                                                                                                             |
| OGRID No.<br><b>332544</b>                                                                                                                  | Operator Name<br><b>PBEX OPERATIONS, LLC</b>       | Well Number<br><b>#106H</b>                                                                                                                 |
|                                                                                                                                             |                                                    | Ground Level Elevation<br><b>3,642'</b>                                                                                                     |
| Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |                                                    | Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |

## Surface Location

| UL       | Section   | Township   | Range      | Lot | Ft. from N/S      | Ft. from E/W      | Latitude          | Longitude           | County      |
|----------|-----------|------------|------------|-----|-------------------|-------------------|-------------------|---------------------|-------------|
| <b>J</b> | <b>35</b> | <b>18S</b> | <b>31E</b> |     | <b>1,481' FSL</b> | <b>2,335' FEL</b> | <b>32.700830°</b> | <b>-103.839110°</b> | <b>EDDY</b> |

## Bottom Hole Location

| UL       | Section   | Township   | Range      | Lot | Ft. from N/S    | Ft. from E/W      | Latitude          | Longitude           | County     |
|----------|-----------|------------|------------|-----|-----------------|-------------------|-------------------|---------------------|------------|
| <b>N</b> | <b>31</b> | <b>18S</b> | <b>32E</b> |     | <b>330' FSL</b> | <b>2,540' FWL</b> | <b>32.697704°</b> | <b>-103.806082°</b> | <b>LEA</b> |

|                               |                         |                   |                                                                                                    |                    |
|-------------------------------|-------------------------|-------------------|----------------------------------------------------------------------------------------------------|--------------------|
| Dedicated Acres<br><b>480</b> | Infill or Defining Well | Defining Well API | Overlapping Spacing Unit (Y/N)                                                                     | Consolidation Code |
| Order Numbers.                |                         |                   | Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No |                    |

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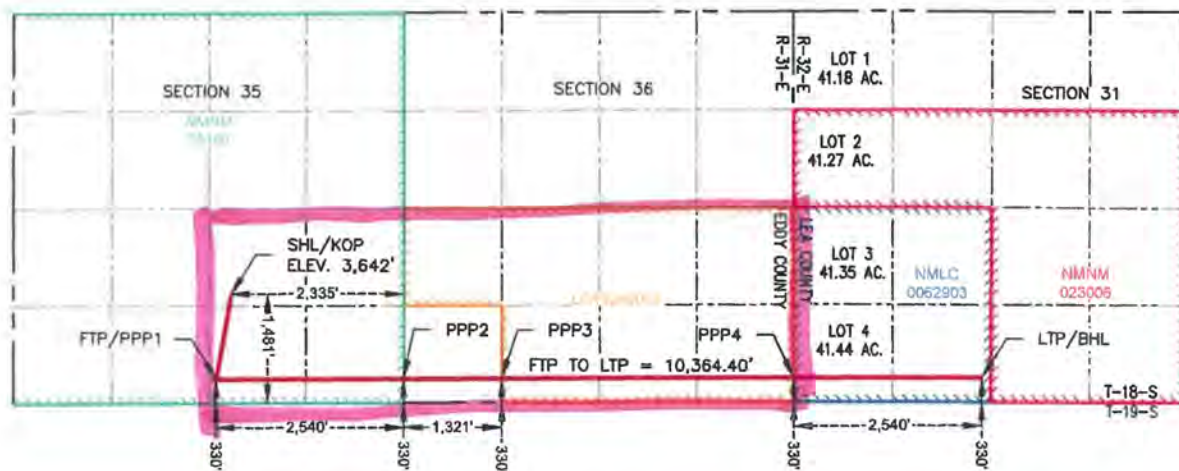
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## DR. VOGEL SW 35-31 FED COM #106H

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330' FSL & 0' FEL

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|                                                                 |                                                                                                            |                                                                                                                                         |
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| <b>C-102</b><br><br>Submit Electronically<br>Via OCD Permitting | State of New Mexico<br>Energy, Minerals & Natural Resources Department<br><b>OIL CONSERVATION DIVISION</b> | Revised July 9, 2024                                                                                                                    |
|                                                                 | Submittal Type:                                                                                            | <input checked="" type="checkbox"/> Initial Submittal<br><input type="checkbox"/> Amended Report<br><input type="checkbox"/> As Drilled |
|                                                                 |                                                                                                            |                                                                                                                                         |

## WELL LOCATION INFORMATION

|                                                                                                                                             |                                                    |                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| API Number                                                                                                                                  | Pool Code<br><b>41450</b>                          | Pool Name<br><b>Lusk, Bone Spring, North</b>                                                                                                |
| Property Code                                                                                                                               | Property Name<br><b>DR. VOGEL SW 35-31 FED COM</b> | Well Number<br><b>#106H</b>                                                                                                                 |
| OGRID No.<br><b>332544</b>                                                                                                                  | Operator Name<br><b>PBEX OPERATIONS, LLC</b>       | Ground Level Elevation<br><b>3,642'</b>                                                                                                     |
| Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |                                                    | Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |

## Surface Location

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| J  | 35      | 18S      | 31E   |     | 1,481' FSL   | 2,335' FEL   | 32.700830° | -103.839110° | EDDY   |

## Bottom Hole Location

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| N  | 31      | 18S      | 32E   |     | 330' FSL     | 2,540' FWL   | 32.697704° | -103.806082° | LEA    |

|                                  |                         |                   |                                                                                                    |                    |
|----------------------------------|-------------------------|-------------------|----------------------------------------------------------------------------------------------------|--------------------|
| Dedicated Acres<br><b>162.79</b> | Infill or Defining Well | Defining Well API | Overlapping Spacing Unit (Y/N)                                                                     | Consolidation Code |
| Order Numbers.                   |                         |                   | Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No |                    |

## Kick Off Point (KOP)

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| J  | 35      | 18S      | 31E   |     | 1,481' FSL   | 2,335' FEL   | 32.700830° | -103.839110° | EDDY   |

## First Take Point (FTP)

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| O  | 35      | 18S      | 31E   |     | 330' FSL     | 2,540' FEL   | 32.697665° | -103.839773° | EDDY   |

## Last Take Point (LTP)

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| N  | 31      | 18S      | 32E   |     | 330' FSL     | 2,540' FWL   | 32.697704° | -103.806082° | LEA    |

|                                           |                                                                                         |                         |
|-------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------|
| Unitized Area or Area of Uniform Interest | Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical | Ground Floor Elevation: |
|-------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------|

## OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

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

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

Email Address \_\_\_\_\_

## SURVEYOR CERTIFICATIONS

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.

PRELIMINARY

THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS A FINAL SURVEY DOCUMENT.

**MARK J. MURRAY P.L.S. NO. 12177**

Signature and Seal of Professional Surveyor \_\_\_\_\_

Certificate Number \_\_\_\_\_

Date of Survey \_\_\_\_\_

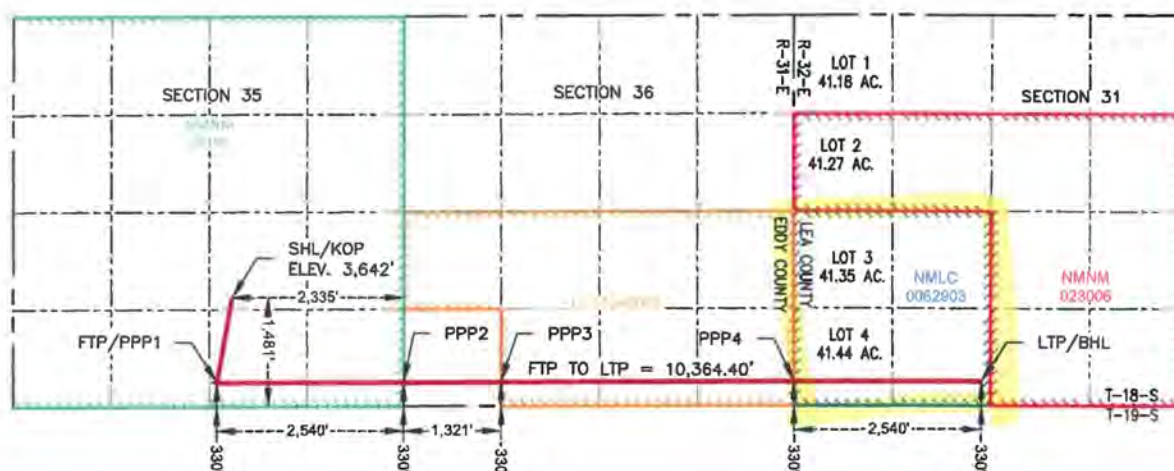
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

030

## ACREAGE DEDICATION PLATS

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Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



## DR. VOGEL SW 35-31 FED COM #106H

SURFACE HOLE LOCATION  
& KICK-OFF POINT  
1.481' FSL & 2.335' FEL  
ELEV. = 3,642'

NAD 83 X = 693,364.78'  
NAD 83 Y = 619,047.33'  
NAD 83 LAT = 32.700830°  
NAD 83 LONG = -103.839110°

FIRST TAKE POINT &  
PENETRATION POINT 1  
330' FSL & 2,540' FEL

NAD 83 X = 693,166.18'  
NAD 83 Y = 617,894.96'  
NAD 83 LAT = 32.697665°  
NAD 83 LONG = -103.839773°

PENETRATION POINT 2  
330' FSL & 0' FEL

NAD 83 X = 695,706.12'  
NAD 83 Y = 617,812.76'  
NAD 83 LAT = 32.697681°  
NAD 83 LONG = -103.831517°

PENETRATION POINT 3  
330' FSL & 1,321' FWL

NAD 83 X = 697,027.21'  
NAD 83 Y = 617,922.57'  
NAD 83 LAT = 32.697691°  
NAD 83 LONG = -103.827222°

PENETRATION POINT 4  
330' FSL & 0' FEL

NAD 83 X = 700,990.35'  
NAD 83 Y = 617,952.00'  
NAD 83 LAT = 32.697719°  
NAD 83 LONG = -103.814339°

LAST TAKE POINT &  
BOTTOM HOLE LOCATION  
330' FSL & 2,540' FWL

NAD 83 X = 703,530.37'  
NAD 83 Y = 617,959.22'  
NAD 83 LAT = 32.697704°  
NAD 83 LONG = -103.806082°

|                                                                 |                                                                                                            |                                         |                                                       |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------|
| <b>C-102</b><br><br>Submit Electronically<br>Via OCD Permitting | State of New Mexico<br>Energy, Minerals & Natural Resources Department<br><b>OIL CONSERVATION DIVISION</b> | Revised July 9, 2024                    |                                                       |
|                                                                 |                                                                                                            | Submittal Type:                         | <input checked="" type="checkbox"/> Initial Submittal |
|                                                                 |                                                                                                            | <input type="checkbox"/> Amended Report |                                                       |
|                                                                 |                                                                                                            | <input type="checkbox"/> As Drilled     |                                                       |

## WELL LOCATION INFORMATION

|                                                                                                                                                                                                                                                                                                 |                                                    |                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------|
| API Number                                                                                                                                                                                                                                                                                      | Pool Code<br><b>58040</b>                          | Pool Name<br><b>Tamano; Bone Spring</b> |
| Property Code                                                                                                                                                                                                                                                                                   | Property Name<br><b>DR. VOGEL SW 35-31 FED COM</b> |                                         |
| Well Number<br><b>#207H</b>                                                                                                                                                                                                                                                                     |                                                    |                                         |
| OGRID No.<br><b>332544</b>                                                                                                                                                                                                                                                                      | Operator Name<br><b>PBEX OPERATIONS, LLC</b>       |                                         |
| Ground Level Elevation<br><b>3,642'</b>                                                                                                                                                                                                                                                         |                                                    |                                         |
| Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal         Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |                                                    |                                         |

## Surface Location

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| J  | 35      | 18S      | 31E   |     | 1,571' FSL   | 2,495' FEL   | 32.701076° | -103.839631° | EDDY   |

## Bottom Hole Location

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| K  | 31      | 18S      | 32E   |     | 2,230' FSL   | 2,540' FWL   | 32.702927° | -103.806097° | LEA    |

|                               |                         |                   |                                                                                                    |                    |
|-------------------------------|-------------------------|-------------------|----------------------------------------------------------------------------------------------------|--------------------|
| Dedicated Acres<br><b>400</b> | Infill or Defining Well | Defining Well API | Overlapping Spacing Unit (Y/N)                                                                     | Consolidation Code |
| Order Numbers.                |                         |                   | Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No |                    |

## Kick Off Point (KOP)

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| J  | 35      | 18S      | 31E   |     | 1,571' FSL   | 2,495' FEL   | 32.701076° | -103.839631° | EDDY   |

## First Take Point (FTP)

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| J  | 35      | 18S      | 31E   |     | 2,230' FSL   | 2,540' FEL   | 32.702887° | -103.839779° | EDDY   |

## Last Take Point (LTP)

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| K  | 31      | 18S      | 32E   |     | 2,230' FSL   | 2,540' FWL   | 32.702927° | -103.806097° | LEA    |

|                                           |                                                                                         |                         |
|-------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------|
| Unitized Area or Area of Uniform Interest | Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical | Ground Floor Elevation: |
|-------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------|

## OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

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

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

Email Address \_\_\_\_\_

## SURVEYOR CERTIFICATIONS

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.

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PURPOSE AND SHALL NOT BE USED OR VIEWED OR  
RELIED UPON AS A FINAL SURVEY DOCUMENT.

MARK J. MURRAY P.L.S. NO. 12177

Signature and Seal of Professional Surveyor \_\_\_\_\_

Certificate Number \_\_\_\_\_

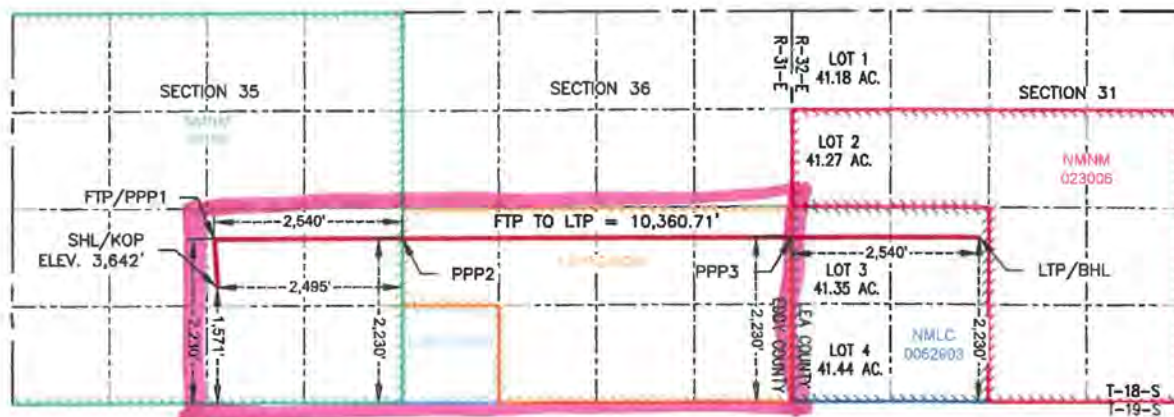
Date of Survey \_\_\_\_\_

Note: 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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## DR. VOGEL SW 35-31 FED COM #207H

SURFACE HOLE LOCATION  
& KICK-OFF POINT  
1,571' FSL & 2,495' FEL  
ELEV. = 3,642'

NAD 83 X = 693,204.25'  
NAD 83 Y = 619,136.37'  
NAD 83 LAT = 32.701076°  
NAD 83 LONG = -103.839631°

FIRST TAKE POINT &  
PENETRATION POINT 1  
2,230' FSL & 2,540' FEL

NAD 83 X = 693,155.64'  
NAD 83 Y = 619,794.93'  
NAD 83 LAT = 32.702887°  
NAD 83 LONG = -103.839779°

PENETRATION POINT 2  
2,230' FSL & 0' FEL

NAD 83 X = 695,695.58'  
NAD 83 Y = 619,812.73'  
NAD 83 LAT = 32.702903°  
NAD 83 LONG = -103.831522°

PENETRATION POINT 3  
2,230' FSL & 0' FEL

NAD 83 X = 700,976.12'  
NAD 83 Y = 619,851.95'  
NAD 83 LAT = 32.702941°  
NAD 83 LONG = -103.814355°

LAST TAKE POINT &  
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2,230' FSL & 2,540' FWL

NAD 83 X = 703,516.14'  
NAD 83 Y = 619,859.18'  
NAD 83 LAT = 32.702927°  
NAD 83 LONG = -103.806097°

|                                                                 |                                                                                                                              |                                                                                                                                         |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>C-102</b><br><br>Submit Electronically<br>Via OCD Permitting | <b>State of New Mexico</b><br><b>Energy, Minerals &amp; Natural Resources Department</b><br><b>OIL CONSERVATION DIVISION</b> | Revised July 9, 2024                                                                                                                    |
|                                                                 | Submittal Type:                                                                                                              | <input checked="" type="checkbox"/> Initial Submittal<br><input type="checkbox"/> Amended Report<br><input type="checkbox"/> As Drilled |
|                                                                 |                                                                                                                              |                                                                                                                                         |

## WELL LOCATION INFORMATION

|                                                                                                                                             |                                                    |                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| API Number                                                                                                                                  | Pool Code<br><b>41450</b>                          | Pool Name<br><b>Lusk, Bone Spring, North</b>                                                                                                |
| Property Code                                                                                                                               | Property Name<br><b>DR. VOGEL SW 35-31 FED COM</b> | Well Number<br><b>#207H</b>                                                                                                                 |
| OGRID No.<br><b>332544</b>                                                                                                                  | Operator Name<br><b>PBEX OPERATIONS, LLC</b>       | Ground Level Elevation<br><b>3,642'</b>                                                                                                     |
| Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |                                                    | Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |

## Surface Location

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| J  | 35      | 18S      | 31E   |     | 1,571' FSL   | 2,495' FEL   | 32.701076° | -103.839631° | EDDY   |

## Bottom Hole Location

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| K  | 31      | 18S      | 32E   |     | 2,230' FSL   | 2,540' FWL   | 32.702927° | -103.806097° | LEA    |

|                                  |                         |                   |                                                                                                    |                    |
|----------------------------------|-------------------------|-------------------|----------------------------------------------------------------------------------------------------|--------------------|
| Dedicated Acres<br><b>162.79</b> | Infill or Defining Well | Defining Well API | Overlapping Spacing Unit (Y/N)                                                                     | Consolidation Code |
| Order Numbers.                   |                         |                   | Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No |                    |

## Kick Off Point (KOP)

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## First Take Point (FTP)

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|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
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| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
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|                                           |                                                                                         |                         |
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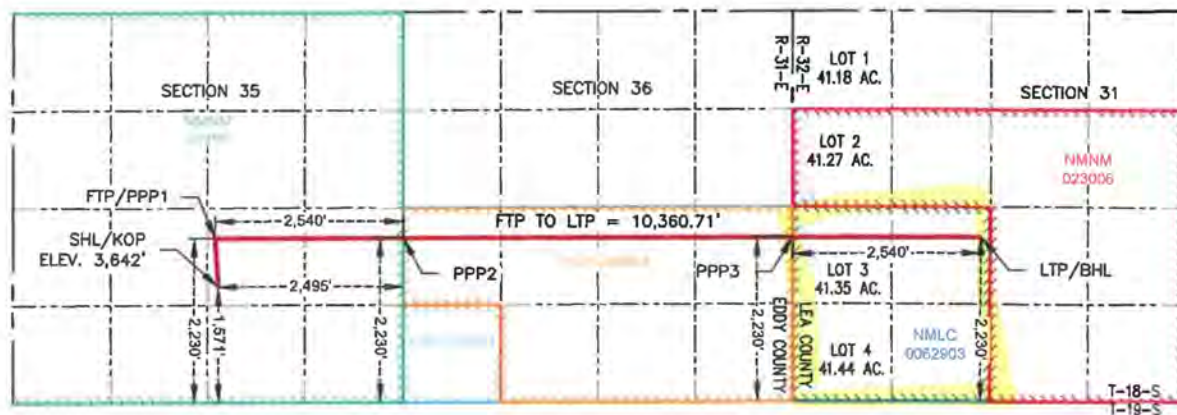
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034

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& KICK-OFF POINT  
1,571' FSL & 2,495' FEL  
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FIRST TAKE POINT &  
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NAD 83 LAT = 32.702927°  
NAD 83 LONG = -103.806097°

|                                                                 |                                                                                                            |                                                                                                                                         |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>C-102</b><br><br>Submit Electronically<br>Via OCD Permitting | State of New Mexico<br>Energy, Minerals & Natural Resources Department<br><b>OIL CONSERVATION DIVISION</b> | Revised July 9, 2024                                                                                                                    |
|                                                                 | Submittal Type:                                                                                            | <input checked="" type="checkbox"/> Initial Submittal<br><input type="checkbox"/> Amended Report<br><input type="checkbox"/> As Drilled |

## WELL LOCATION INFORMATION

|                                                                                                                                                                                                                                                                                                 |                                                    |                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------|
| API Number                                                                                                                                                                                                                                                                                      | Pool Code<br><b>58040</b>                          | Pool Name<br><b>Tamano, Bone Spring</b> |
| Property Code                                                                                                                                                                                                                                                                                   | Property Name<br><b>DR. VOGEL SW 35-31 FED COM</b> |                                         |
| Well Number<br><b>#209H</b>                                                                                                                                                                                                                                                                     |                                                    |                                         |
| OGRID No.<br><b>332544</b>                                                                                                                                                                                                                                                                      | Operator Name<br><b>PBEX OPERATIONS, LLC</b>       |                                         |
| Ground Level Elevation<br><b>3,642'</b>                                                                                                                                                                                                                                                         |                                                    |                                         |
| Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal         Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |                                                    |                                         |

## Surface Location

| UL       | Section   | Township   | Range      | Lot | Ft. from N/S      | Ft. from E/W      | Latitude          | Longitude           | County      |
|----------|-----------|------------|------------|-----|-------------------|-------------------|-------------------|---------------------|-------------|
| <b>J</b> | <b>35</b> | <b>18S</b> | <b>31E</b> |     | <b>1,511' FSL</b> | <b>2,495' FEL</b> | <b>32.700911°</b> | <b>-103.839631°</b> | <b>EDDY</b> |

## Bottom Hole Location

| UL       | Section   | Township   | Range      | Lot | Ft. from N/S      | Ft. from E/W      | Latitude          | Longitude           | County     |
|----------|-----------|------------|------------|-----|-------------------|-------------------|-------------------|---------------------|------------|
| <b>N</b> | <b>31</b> | <b>18S</b> | <b>32E</b> |     | <b>1,254' FSL</b> | <b>2,540' FWL</b> | <b>32.700244°</b> | <b>-103.806089°</b> | <b>LEA</b> |

|                               |                         |                   |                                                                                                    |                    |
|-------------------------------|-------------------------|-------------------|----------------------------------------------------------------------------------------------------|--------------------|
| Dedicated Acres<br><b>480</b> | Infill or Defining Well | Defining Well API | Overlapping Spacing Unit (Y/N)                                                                     | Consolidation Code |
| Order Numbers.                |                         |                   | Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No |                    |

## Kick Off Point (KOP)

| UL       | Section   | Township   | Range      | Lot | Ft. from N/S      | Ft. from E/W      | Latitude          | Longitude           | County      |
|----------|-----------|------------|------------|-----|-------------------|-------------------|-------------------|---------------------|-------------|
| <b>J</b> | <b>35</b> | <b>18S</b> | <b>31E</b> |     | <b>1,511' FSL</b> | <b>2,495' FEL</b> | <b>32.700911°</b> | <b>-103.839631°</b> | <b>EDDY</b> |

## First Take Point (FTP)

| UL       | Section   | Township   | Range      | Lot | Ft. from N/S      | Ft. from E/W      | Latitude          | Longitude           | County      |
|----------|-----------|------------|------------|-----|-------------------|-------------------|-------------------|---------------------|-------------|
| <b>O</b> | <b>35</b> | <b>18S</b> | <b>31E</b> |     | <b>1,254' FSL</b> | <b>2,540' FEL</b> | <b>32.700204°</b> | <b>-103.839776°</b> | <b>EDDY</b> |

## Last Take Point (LTP)

| UL       | Section   | Township   | Range      | Lot | Ft. from N/S      | Ft. from E/W      | Latitude          | Longitude           | County     |
|----------|-----------|------------|------------|-----|-------------------|-------------------|-------------------|---------------------|------------|
| <b>N</b> | <b>31</b> | <b>18S</b> | <b>32E</b> |     | <b>1,254' FSL</b> | <b>2,540' FWL</b> | <b>32.700244°</b> | <b>-103.806089°</b> | <b>LEA</b> |

|                                           |                                                                                         |                         |
|-------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------|
| Unitized Area or Area of Uniform Interest | Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical | Ground Floor Elevation: |
|-------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------|

## OPERATOR CERTIFICATIONS

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If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

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

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

Email Address \_\_\_\_\_

## SURVEYOR CERTIFICATIONS

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.

PRELIMINARY

THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY  
PURPOSE AND SHALL NOT BE USED OR VIEWED OR  
RELIED UPON AS A FINAL SURVEY DOCUMENT.

**MARK J. MURRAY P.L.S. NO. 12177**

Signature and Seal of Professional Surveyor \_\_\_\_\_

Certificate Number \_\_\_\_\_

Date of Survey \_\_\_\_\_

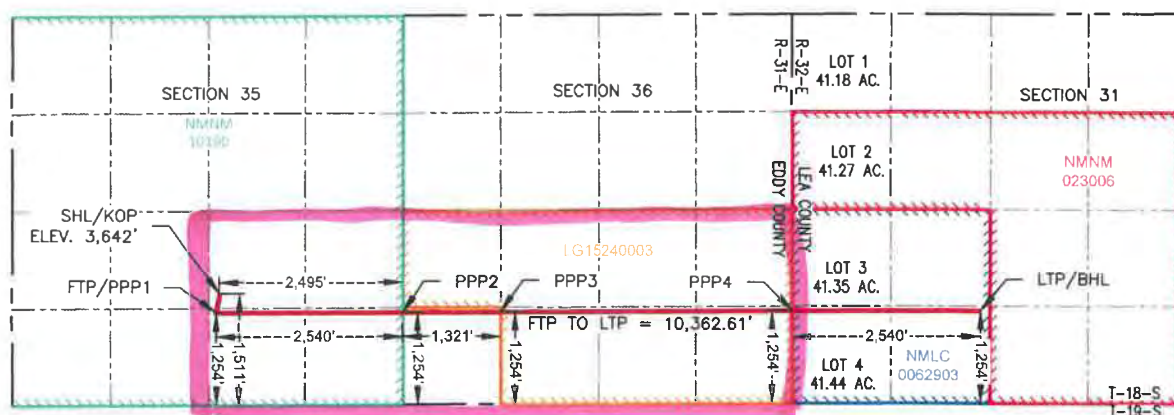
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036

## ACREAGE DEDICATION PLATS

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Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

**DR. VOGEL SW 35-31 FED COM #209H**

SURFACE HOLE LOCATION  
& KICK-OFF POINT  
1,511' FSL & 2,495' FEL  
ELEV. = 3,642'

NAD 83 X = 693,204.61'  
NAD 83 Y = 619,076.37'  
NAD 83 LAT = 32.700911°  
NAD 83 LONG = -103.839631°

FIRST TAKE POINT &  
PENETRATION POINT 1  
1,254' FSL & 2,540' FEL

NAD 83 X = 693,161.06'  
NAD 83 Y = 618,818.95'  
NAD 83 LAT = 32.700204°  
NAD 83 LONG = -103.839776°

PENETRATION POINT 2  
1,254' FSL & 0' FEL

NAD 83 X = 695,701.00'  
NAD 83 Y = 618,836.75'  
NAD 83 LAT = 32.700221°  
NAD 83 LONG = -103.831519°

PENETRATION POINT 3  
1,254' FSL & 1,321' FWL

NAD 83 X = 697,021.74'  
NAD 83 Y = 618,846.56'  
NAD 83 LAT = 32.700230°  
NAD 83 LONG = -103.827225°

PENETRATION POINT 4  
1,254' FSL & 0' FEL

NAD 83 X = 700,983.43'  
NAD 83 Y = 618,875.97'  
NAD 83 LAT = 32.700259°  
NAD 83 LONG = -103.814345°

LAST TAKE POINT &  
BOTTOM HOLE LOCATION  
1,254' FSL & 2,540' FWL

NAD 83 X = 703,523.45'  
NAD 83 Y = 618,883.20°  
NAD 83 LAT = 32.700244°  
NAD 83 LONG = -103.806089°

|                                                                 |                                                                                                            |                                     |                                                       |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------------------------|
| <b>C-102</b><br><br>Submit Electronically<br>Via OCD Permitting | State of New Mexico<br>Energy, Minerals & Natural Resources Department<br><b>OIL CONSERVATION DIVISION</b> | Revised July 9, 2024                |                                                       |
|                                                                 |                                                                                                            | Submittal<br>Type:                  | <input checked="" type="checkbox"/> Initial Submittal |
|                                                                 |                                                                                                            |                                     | <input type="checkbox"/> Amended Report               |
|                                                                 |                                                                                                            | <input type="checkbox"/> As Drilled |                                                       |

## WELL LOCATION INFORMATION

|                                                                                                                                             |                                                    |                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| API Number                                                                                                                                  | Pool Code<br><b>41450</b>                          | Pool Name<br><b>Lusk, Bone Spring, North</b>                                                                                                |
| Property Code                                                                                                                               | Property Name<br><b>DR. VOGEL SW 35-31 FED COM</b> | Well Number<br><b>#209H</b>                                                                                                                 |
| OGRID No.<br><b>332544</b>                                                                                                                  | Operator Name<br><b>PBEX OPERATIONS, LLC</b>       | Ground Level Elevation<br><b>3,642'</b>                                                                                                     |
| Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |                                                    | Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |

## Surface Location

|    |         |          |       |     |              |              |            |              |        |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
| J  | 35      | 18S      | 31E   |     | 1,511' FSL   | 2,495' FEL   | 32.700911° | -103.839631° | EDDY   |

## Bottom Hole Location

|    |         |          |       |     |              |              |            |              |        |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
| N  | 31      | 18S      | 32E   |     | 1,254' FSL   | 2,540' FWL   | 32.700244° | -103.806089° | LEA    |

|                                  |                         |                   |                                                                                                    |                    |
|----------------------------------|-------------------------|-------------------|----------------------------------------------------------------------------------------------------|--------------------|
| Dedicated Acres<br><b>162.79</b> | Infill or Defining Well | Defining Well API | Overlapping Spacing Unit (Y/N)                                                                     | Consolidation Code |
| Order Numbers.                   |                         |                   | Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No |                    |

## Kick Off Point (KOP)

|    |         |          |       |     |              |              |            |              |        |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
| J  | 35      | 18S      | 31E   |     | 1,511' FSL   | 2,495' FEL   | 32.700911° | -103.839631° | EDDY   |

## First Take Point (FTP)

|    |         |          |       |     |              |              |            |              |        |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
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## Last Take Point (LTP)

|    |         |          |       |     |              |              |            |              |        |
|----|---------|----------|-------|-----|--------------|--------------|------------|--------------|--------|
| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude   | Longitude    | County |
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|                                           |                                                                                         |                         |
|-------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------|
| Unitized Area or Area of Uniform Interest | Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical | Ground Floor Elevation: |
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Signature \_\_\_\_\_ Date \_\_\_\_\_

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

Email Address \_\_\_\_\_

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Signature and Seal of Professional Surveyor \_\_\_\_\_

Certificate Number \_\_\_\_\_

Date of Survey \_\_\_\_\_

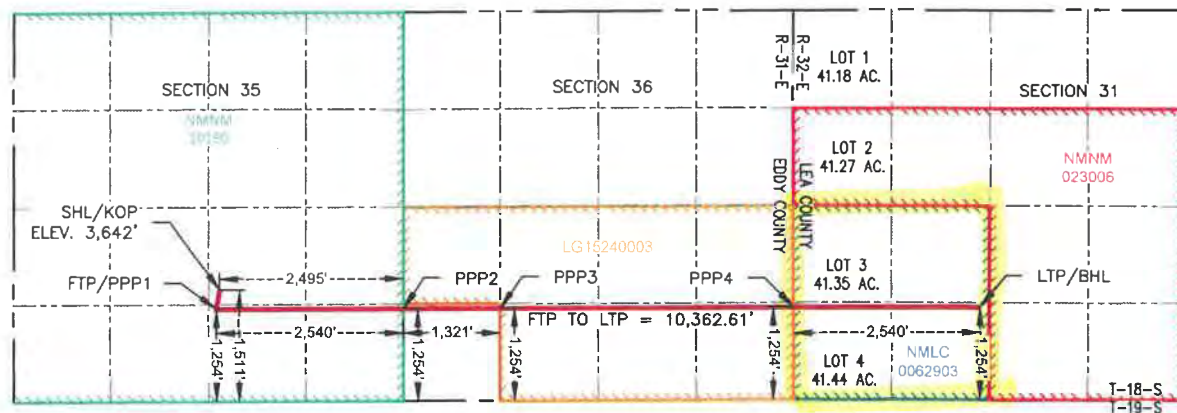
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038

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FIRST TAKE POINT &  
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1,254' FSL & 2,540' FEL

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|                                                                 |                                                                                                            |                                     |                                                       |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------------------------|
| <b>C-102</b><br><br>Submit Electronically<br>Via OCD Permitting | State of New Mexico<br>Energy, Minerals & Natural Resources Department<br><b>OIL CONSERVATION DIVISION</b> | Revised July 9, 2024                |                                                       |
|                                                                 |                                                                                                            | Submittal<br>Type:                  | <input checked="" type="checkbox"/> Initial Submittal |
|                                                                 |                                                                                                            |                                     | <input type="checkbox"/> Amended Report               |
|                                                                 |                                                                                                            | <input type="checkbox"/> As Drilled |                                                       |

## WELL LOCATION INFORMATION

|                                                                                                                                             |                                                    |                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| API Number                                                                                                                                  | Pool Code<br><b>41450</b>                          | Pool Name<br><b>Lusk; Bone Spring; North</b>                                                                                                |
| Property Code                                                                                                                               | Property Name<br><b>DR. VOGEL SW 35-31 FED COM</b> | Well Number<br><b>#211H</b>                                                                                                                 |
| OGRID No.<br><b>332544</b>                                                                                                                  | Operator Name<br><b>PBEX OPERATIONS, LLC</b>       | Ground Level Elevation<br><b>3,642'</b>                                                                                                     |
| Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |                                                    | Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |

## Surface Location

|          |           |            |            |     |                   |                   |                   |                     |             |
|----------|-----------|------------|------------|-----|-------------------|-------------------|-------------------|---------------------|-------------|
| UL       | Section   | Township   | Range      | Lot | Ft. from N/S      | Ft. from E/W      | Latitude          | Longitude           | County      |
| <b>J</b> | <b>35</b> | <b>18S</b> | <b>31E</b> |     | <b>1,451' FSL</b> | <b>2,495' FEL</b> | <b>32.700746°</b> | <b>-103.839630°</b> | <b>EDDY</b> |

## Bottom Hole Location

|          |           |            |            |     |                 |                   |                   |                     |            |
|----------|-----------|------------|------------|-----|-----------------|-------------------|-------------------|---------------------|------------|
| UL       | Section   | Township   | Range      | Lot | Ft. from N/S    | Ft. from E/W      | Latitude          | Longitude           | County     |
| <b>N</b> | <b>31</b> | <b>18S</b> | <b>32E</b> |     | <b>330' FSL</b> | <b>2,540' FWL</b> | <b>32.697704°</b> | <b>-103.806082°</b> | <b>LEA</b> |

|                                  |                         |                   |                                                                                                    |                    |
|----------------------------------|-------------------------|-------------------|----------------------------------------------------------------------------------------------------|--------------------|
| Dedicated Acres<br><b>162.79</b> | Infill or Defining Well | Defining Well API | Overlapping Spacing Unit (Y/N)                                                                     | Consolidation Code |
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|----------|-----------|------------|------------|-----|-------------------|-------------------|-------------------|---------------------|-------------|
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|          |           |            |            |     |                 |                   |                   |                     |             |
|----------|-----------|------------|------------|-----|-----------------|-------------------|-------------------|---------------------|-------------|
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## Last Take Point (LTP)

|          |           |            |            |     |                 |                   |                   |                     |            |
|----------|-----------|------------|------------|-----|-----------------|-------------------|-------------------|---------------------|------------|
| UL       | Section   | Township   | Range      | Lot | Ft. from N/S    | Ft. from E/W      | Latitude          | Longitude           | County     |
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|                                           |                                                                                         |                         |
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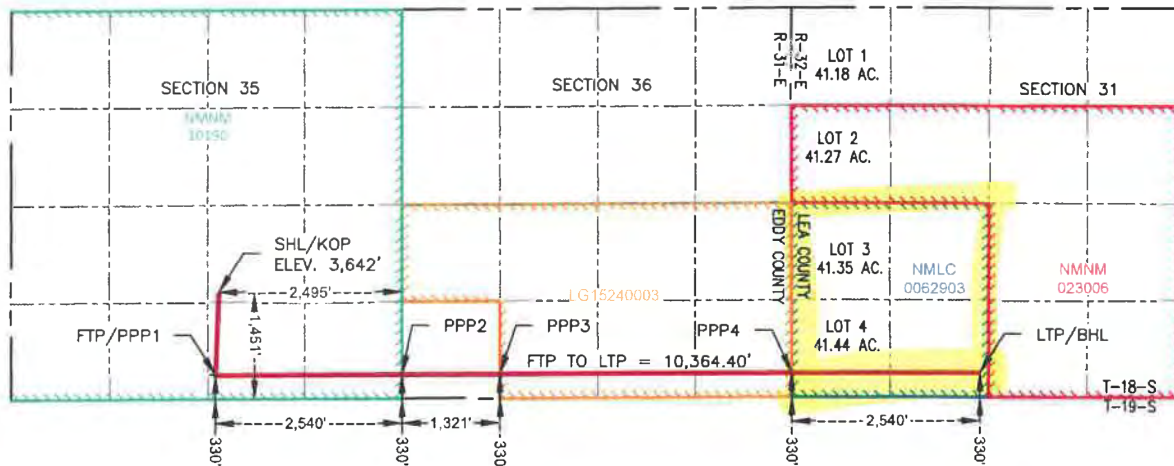
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040

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**DR. VOGEL SW 35-31 FED COM #211H**

SURFACE HOLE LOCATION  
& KICK-OFF POINT  
1,451' FSL & 2,495' FEL  
ELEV. = 3,642'

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330' FSL & 2,540' FEL

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NAD 83 Y = 617,894.96'  
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NAD 83 LONG = -103.839773°

PENETRATION POINT 2  
330' FSL & 0' FEL

NAD 83 X = 695,706.12'  
NAD 83 Y = 617,912.76'  
NAD 83 LAT = 32.697681°  
NAD 83 LONG = -103.831517°

PENETRATION POINT 3  
330' FSL & 1,321' FWL

NAD 83 X = 697,027.21'  
NAD 83 Y = 617,922.57'  
NAD 83 LAT = 32.697691°  
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PENETRATION POINT 4  
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NAD 83 X = 700,990.35'  
NAD 83 Y = 617,952.00'  
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LAST TAKE POINT &  
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NAD 83 LONG = -103.806082°

|                                                                 |                                                                                                            |                                                                                                                                         |                      |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------|
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|                                                                 | Submittal Type:                                                                                            | <input checked="" type="checkbox"/> Initial Submittal<br><input type="checkbox"/> Amended Report<br><input type="checkbox"/> As Drilled |                      |
|                                                                 |                                                                                                            |                                                                                                                                         |                      |

## WELL LOCATION INFORMATION

|                                                                                                                                             |                                                    |                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| API Number                                                                                                                                  | Pool Code<br><b>58040</b>                          | Pool Name<br><b>Tamano, Bone Spring</b>                                                                                                     |
| Property Code                                                                                                                               | Property Name<br><b>DR. VOGEL SW 35-31 FED COM</b> |                                                                                                                                             |
| OGRID No.<br><b>332544</b>                                                                                                                  | Operator Name<br><b>PBEX OPERATIONS, LLC</b>       | Well Number<br><b>#211H</b>                                                                                                                 |
|                                                                                                                                             |                                                    | Ground Level Elevation<br><b>3,642'</b>                                                                                                     |
| Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |                                                    | Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |

## Surface Location

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| <b>J</b> | <b>35</b> | <b>18S</b> | <b>31E</b> |     | <b>1,451' FSL</b> | <b>2,495' FEL</b> | <b>32.700746°</b> | <b>-103.839630°</b> | <b>EDDY</b> |

## Bottom Hole Location

| UL       | Section   | Township   | Range      | Lot | Ft. from N/S    | Ft. from E/W      | Latitude          | Longitude           | County     |
|----------|-----------|------------|------------|-----|-----------------|-------------------|-------------------|---------------------|------------|
| <b>N</b> | <b>31</b> | <b>18S</b> | <b>32E</b> |     | <b>330' FSL</b> | <b>2,540' FWL</b> | <b>32.697704°</b> | <b>-103.806082°</b> | <b>LEA</b> |

|                               |                         |                   |                                                                                                    |                    |
|-------------------------------|-------------------------|-------------------|----------------------------------------------------------------------------------------------------|--------------------|
| Dedicated Acres<br><b>480</b> | Infill or Defining Well | Defining Well API | Overlapping Spacing Unit (Y/N)                                                                     | Consolidation Code |
| Order Numbers.                |                         |                   | Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No |                    |

## Kick Off Point (KOP)

| UL       | Section   | Township   | Range      | Lot | Ft. from N/S      | Ft. from E/W      | Latitude          | Longitude           | County      |
|----------|-----------|------------|------------|-----|-------------------|-------------------|-------------------|---------------------|-------------|
| <b>J</b> | <b>35</b> | <b>18S</b> | <b>31E</b> |     | <b>1,451' FSL</b> | <b>2,495' FEL</b> | <b>32.700746°</b> | <b>-103.839630°</b> | <b>EDDY</b> |

## First Take Point (FTP)

| UL       | Section   | Township   | Range      | Lot | Ft. from N/S    | Ft. from E/W      | Latitude          | Longitude           | County      |
|----------|-----------|------------|------------|-----|-----------------|-------------------|-------------------|---------------------|-------------|
| <b>O</b> | <b>35</b> | <b>18S</b> | <b>31E</b> |     | <b>330' FSL</b> | <b>2,540' FEL</b> | <b>32.697665°</b> | <b>-103.839773°</b> | <b>EDDY</b> |

## Last Take Point (LTP)

| UL       | Section   | Township   | Range      | Lot | Ft. from N/S    | Ft. from E/W      | Latitude          | Longitude           | County     |
|----------|-----------|------------|------------|-----|-----------------|-------------------|-------------------|---------------------|------------|
| <b>N</b> | <b>31</b> | <b>18S</b> | <b>32E</b> |     | <b>330' FSL</b> | <b>2,540' FWL</b> | <b>32.697704°</b> | <b>-103.806082°</b> | <b>LEA</b> |

|                                           |                                                                                         |                         |
|-------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------|
| Unitized Area or Area of Uniform Interest | Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical | Ground Floor Elevation: |
|-------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------|

## OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

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

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

Email Address \_\_\_\_\_

## SURVEYOR CERTIFICATIONS

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.

PRELIMINARY

THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY  
PURPOSE AND SHALL NOT BE USED OR VIEWED OR  
RELIED UPON AS A FINAL SURVEY DOCUMENT.

**MARK J. MURRAY P.L.S. NO. 12177**

Signature and Seal of Professional Surveyor \_\_\_\_\_

Certificate Number \_\_\_\_\_

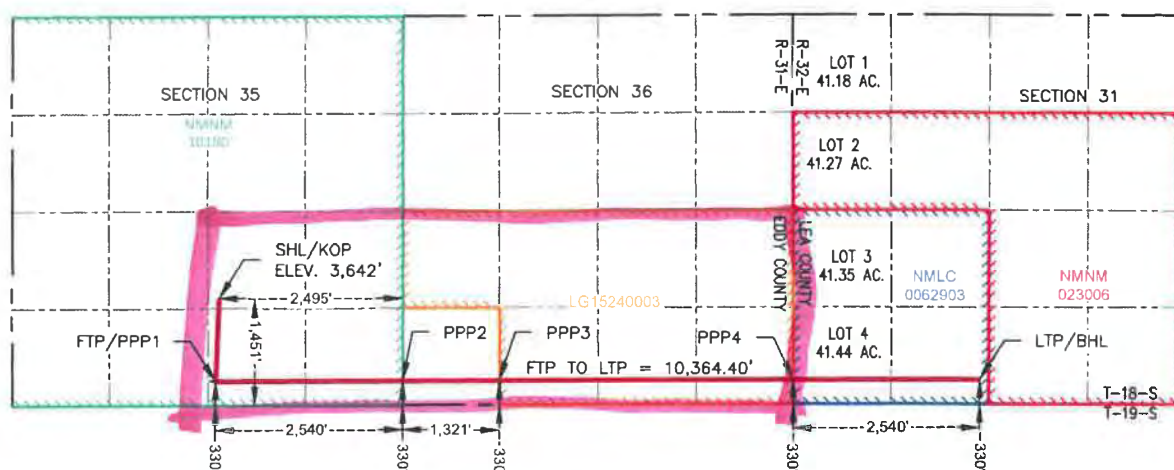
Date of Survey \_\_\_\_\_

Note: 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.

## ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



## DR. VOGEL SW 35-31 FED COM #211H

SURFACE HOLE LOCATION  
& KICK-OFF POINT  
1,451' FSL & 2,495' FEL  
ELEV. = 3,642'

NAD 83 X = 693,204.96'  
NAD 83 Y = 619,016.38'  
NAD 83 LAT = 32.700746°  
NAD 83 LONG = -103.839630°

FIRST TAKE POINT &  
PENETRATION POINT 1  
330' FSL & 2,540' FEL

NAD 83 X = 693,166.18'  
NAD 83 Y = 617,894.96'  
NAD 83 LAT = 32.697665°  
NAD 83 LONG = -103.839773°

PENETRATION POINT 2  
330' FSL & 0' FEL

NAD 83 X = 695,706.12'  
NAD 83 Y = 617,912.76'  
NAD 83 LAT = 32.697681°  
NAD 83 LONG = -103.831517°

PENETRATION POINT 3  
330' FSL & 1,321' FWL

NAD 83 X = 697,027.21'  
NAD 83 Y = 617,922.57'  
NAD 83 LAT = 32.697691°  
NAD 83 LONG = -103.827222°

PENETRATION POINT 4  
330' FSL & 0' FEL

NAD 83 X = 700,990.35'  
NAD 83 Y = 617,952.00'  
NAD 83 LAT = 32.697719°  
NAD 83 LONG = -103.814339°

LAST TAKE POINT &  
BOTTOM HOLE LOCATION  
330' FSL & 2,540' FWL

NAD 83 X = 703,530.37'  
NAD 83 Y = 617,959.22'  
NAD 83 LAT = 32.697704°  
NAD 83 LONG = -103.806082°

# Oil Conservation Division Factors

| Factor                                          | PBEX | MEWBOURNE | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------|------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Geologic Evidence</b>                        | ✓    | ✓         | <ul style="list-style-type: none"> <li>Both Operators are proposing lay down wells in the Bone Spring Formation.</li> <li>PBEX will show that its density plan will result in higher production.</li> <li>There are no geologic impediments to development in this area.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Risk</b>                                     | ✓    | ✗         | <ul style="list-style-type: none"> <li>If Mewbourne's application is granted, there is a risk of stranded acreage in Section 31, T18S, R32E, Lea County</li> <li>If Mewbourne's application is granted, there are increased surface risks if longer laterals are not utilized to drill into Sections 31 and 32, T18S, R32E, Lea County.</li> <li>PBEX offers a comprehensive development plan for these Sections that will not risk stranding acreage or damaging Dune Sagebrush Lizard Habitat.</li> </ul>                                                                                                                                                                                                                                  |
| <b>Negotiations</b>                             | ✓    | ✗         | <ul style="list-style-type: none"> <li>PBEX worked diligently with all working interest owners to obtain significant working interest control in its Units.</li> <li>PBEX was not sent a certified mailed notice of Mewbourne's application.</li> <li>Nevertheless, PBEX and Mewbourne have both negotiated with each other concerning their development plans.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Prudent Operator and Prevention of Waste</b> | ✓    | ✗         | <ul style="list-style-type: none"> <li>Both PBEX and Mewbourne operate several surrounding spacing units.</li> <li>PBEX has proposed to drill longer laterals which allows for the development of the setback areas under Mewbourne's proposal – maximizing development and avoiding waste.</li> <li>PBEX's development plan will allow for efficient development in Sections 31 and 32, T18S, R32E, Lea County as well as in the contested acreage Mewbourne's plan will result in stranded acreage.</li> <li>PBEX seeks to eliminate surface waste by installing automatic chokes on its wells to prevent venting &amp; flaring.</li> <li>PBEX's well density plan will recover more production from the Bone Spring formation.</li> </ul> |
| <b>Cost Estimates</b>                           | ✓    | ✗         | <ul style="list-style-type: none"> <li>PBEX's development plan is less expensive per lateral foot of completed lateral.</li> <li>Other large working interest owners (COP, COG, and Concho) have joined PBEX's development plan, showing support for PBEX's cost estimates.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Ownership Interest</b>                       | ✓    | ✗         | <ul style="list-style-type: none"> <li>PBEX has secured working interest control of 78% in Case 25301; and 76% in Case 25303.</li> <li>PBEX's working interest control percentage is significantly higher than working interest support for Mewbourne's application.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Surface Factor</b>                           | ✓    | ✗         | <ul style="list-style-type: none"> <li>PBEX's plan will result in no additional surface disturbances near Dunes Sagebrush Lizard Habitat in Sections 31 and 32, T18S, R32E, Lea County.</li> <li>PBEX will utilize pads in Section 35 for both units, which will reduce overall surface footprint.</li> <li>PBEX will reduce surface impacts by drilling longer laterals.</li> </ul>                                                                                                                                                                                                                                                                                                                                                         |

# Working Interests Committed to Each PBEX Unit

## 25303: DR VOGEL SW 35-31 FED COM UNIT COMMITTED TO THE UNIT

|                              |            |
|------------------------------|------------|
| PBEX LLC                     | 0.31544705 |
| NexGen Capital Resources LLC | 0.01279423 |
| WTG Exploration, Inc.        | 0.02365405 |
| *COG Operating LLC           | 0.27283633 |
| *Concho Oil & Gas LLC        | 0.01435981 |
| *ConocoPhillips Co           | 0.12445744 |
|                              | 0.76354890 |

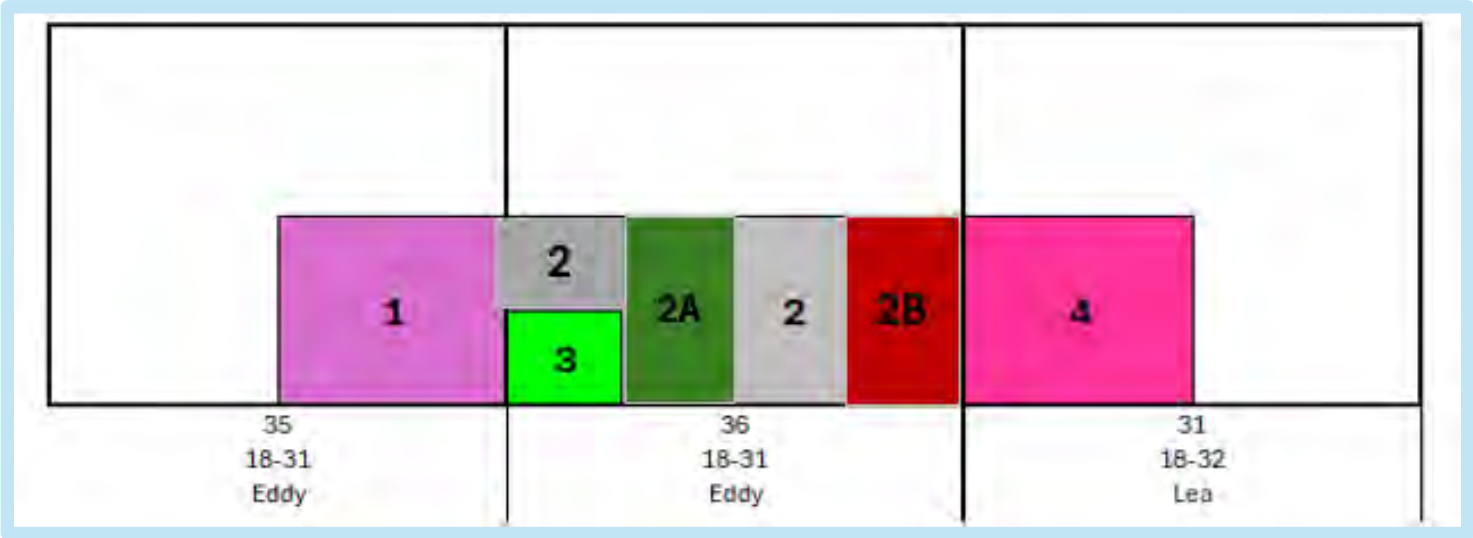
| 25228: LEAD BELLY COMPARISON         |            |            |
|--------------------------------------|------------|------------|
|                                      | N2 Unit WI | S2 Unit WI |
| Mewbourne Oil Co                     | 0.336      | 0.196      |
| PBEX LLC (plus COG/Concho/COP carry) | 0.83805    | 0.815747   |

*\*PBEX has entered into an agreement to carry the COG, Concho, and COP working interests*

# Case 25303: Dr. Vogel SW 35-31 Fed Com

T18S-31E, Eddy Co  
Sec. 35: SE4 & Sec. 36: S2  
T18S-R32E, Lea Co  
Sec. 31: SW4

|                              |            |
|------------------------------|------------|
| TRACT 1 NMNM 010190          | 160 acres  |
| 35: SE4                      |            |
| **Cibolo                     | 0.01000000 |
| *ConocoPhillips Co           | 0.50000000 |
| Mewbourne Oil Co             | 0.49000000 |
| TRACT 3 E0-9222-04           | 40 acres   |
| 36: SWSW                     |            |
| *COG Operating LLC           | 0.95000000 |
| *Concho Oil & Gas LLC        | 0.05000000 |
| TRACT 2 LG-1524-03           | 120 acres  |
| 36: NWSW, W2SE4              |            |
| PBEX LLC                     | 0.37500000 |
| *COG Operating LLC           | 0.59375000 |
| *Concho Oil & Gas LLC        | 0.03125000 |
| TRACT 2A LG-1524-03          |            |
| 36: E2SW4                    | 80 acres   |
| MRC Delaware Resources LLC   | 0.59930000 |
| PBEX                         | 0.37500000 |
| NexGen Capital Resources LLC | 0.02570000 |



|                              |            |
|------------------------------|------------|
| TRACT 2B LG -1524-03         | 80 acres   |
| 36: E2SE4                    |            |
| *COG Operating LLC           | 0.35625000 |
| *Concho Oil & Gas LLC        | 0.01875000 |
| PBEX LLC                     | 0.32874000 |
| MRC Delaware Resources LLC   | 0.21916000 |
| NexGen Capital Resources LLC | 0.07710000 |

|                       |              |
|-----------------------|--------------|
| TRACT 4 NMLC 0062903  | 162.79 acres |
| 31: Lots 3, 4, E2SW4  |              |
| PBEX LLC              | 0.62330000   |
| WTG Exploration, Inc. | 0.09340000   |
| Mosaic Resources LLC  | 0.02000000   |
| RR Resources Ltd      | 0.02000000   |
| *COG Operating LLC    | 0.23113500   |
| *Concho Oil & Gas LLC | 0.01216500   |

# CASE 25303: Dr. Vogel SW 35-31 Fed Com

| DR VOGEL SW 35-31 FED COM UNIT OWNERSHIP |            |
|------------------------------------------|------------|
| PBEX LLC                                 | 0.31544705 |
| Cibolo                                   | 0.00248915 |
| Mewbourne Oil Co                         | 0.12196829 |
| Mosaic Resources LLC                     | 0.00506511 |
| MRC Delaware Resources LLC               | 0.10186344 |
| NexGen Capital Resources LLC             | 0.01279423 |
| RR Resources Ltd                         | 0.00506511 |
| WTG Exploration, Inc.                    | 0.02365405 |
| *COG Operating LLC                       | 0.27283633 |
| *Concho Oil & Gas LLC                    | 0.01435981 |
| *ConocoPhillips Co                       | 0.12445744 |
|                                          | 1.00000000 |

| Working Interest Owners<br>to Pool: |
|-------------------------------------|
| Cibolo Resources                    |
| Mewbourne Oil Company               |
| Mosaic Resources, LLC               |
| MRC Delaware Resources,<br>LLC      |
| RR Resources, Ltd.                  |

EXHIBIT A-9

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 03 | 02 | 01 | 06 | 05 | 04 | 03 | 02 | 01 | 06 | 05 | 04 | 03 | 02 | 01 | 06 |
| 10 | 11 | 12 | 07 | 08 | 09 | 10 | 11 | 12 | 07 | 08 | 09 | 10 | 11 | 12 | 07 |
| 15 | 14 | 13 | 18 | 17 | 16 | 15 | 14 | 13 | 18 | 17 | 16 | 15 | 14 | 13 | 18 |
| 22 | 23 | 24 | 19 | 20 | 21 | 22 | 23 | 24 | 19 | 20 | 21 | 22 | 23 | 24 | 19 |
| 27 | 26 | 25 | 30 | 29 | 28 | 27 | 26 | 25 | 30 | 29 | 28 | 27 | 26 | 25 | 30 |
| 34 | 35 | 36 | 31 | 32 | 33 | 34 | 35 | 36 | 31 | 32 | 33 | 34 | 35 | 36 | 31 |
| 03 | 02 | 01 | 06 | 05 | 04 | 03 | 02 | 01 | 06 | 05 | 04 | 03 | 02 | 01 | 06 |
| 10 | 11 | 12 | 07 | 08 | 09 | 10 | 11 | 12 | 07 | 08 | 09 | 10 | 11 | 12 | 07 |
| 15 | 14 | 13 | 18 | 17 | 16 | 15 | 14 | 13 | 18 | 17 | 16 | 15 | 14 | 13 | 18 |
| 22 | 23 | 24 | 19 | 20 | 21 | 22 | 23 | 24 | 19 | 20 | 21 | 22 | 23 | 24 | 19 |
| 27 | 26 | 25 | 30 | 29 | 28 | 27 | 26 | 25 | 30 | 29 | 28 | 27 | 26 | 25 | 30 |
| 34 | 35 | 36 | 31 | 32 | 33 | 34 | 35 | 36 | 31 | 32 | 33 | 34 | 35 | 36 | 31 |
| 03 | 02 | 01 | 06 | 05 | 04 | 03 | 02 | 01 | 06 | 05 | 04 | 03 | 02 | 01 | 06 |
| 10 | 11 | 12 | 07 | 08 | 09 | 10 | 11 | 12 | 07 | 08 | 09 | 10 | 11 | 12 | 07 |
| 15 | 14 | 13 | 18 | 17 | 16 | 15 | 14 | 13 | 18 | 17 | 16 | 15 | 14 | 13 | 18 |
| 22 | 23 | 24 | 19 | 20 | 21 | 22 | 23 | 24 | 19 | 20 | 21 | 22 | 23 | 24 | 19 |
| 27 | 26 | 25 | 30 | 29 | 28 | 27 | 26 | 25 | 30 | 29 | 28 | 27 | 26 | 25 | 30 |
| 34 | 35 | 36 | 31 | 32 | 33 | 34 | 35 | 36 | 31 | 32 | 33 | 34 | 35 | 36 | 31 |

Smithers

LTK

BOND N

Dr Vogel SE

BOND S

Moonraker

Millie Mile

## EXHIBIT A-10



December 13, 2024

***Via Certified Mail, Return Receipt Requested***

***No. 9589 0710 5270 1252 1197 07***

**Party**

Re: Dr Vogel SW 35-31 Fed Com Unit  
SE4 Sec. 35 & S2 Sec. 36, 18S-31E, Eddy/NM and  
Lots 3-4, E2SW4 Sec. 31, 18S-32E, Lea/NM

Dear Sir or Madam:

PBEX Operations, LLC ("PBEX"), hereby proposes the drilling of the following Dr Vogel SW 35-31 Fed Com Unit wells described below. All previously dated "Dr Vogel" proposals from PBEX or EGL Resources, Inc., are hereby rescinded, and the proposals below will supercede and replace them, accordingly. Please review the attached Authority for Expenditure ("AFE") with the gross estimated total cost to drill and complete each of the wells referenced below.

**DR VOGEL SW 35-31 FED COM 104H**

SE4 Sec. 35 & S2 Sec. 36, 18S-31E, Eddy/NM and Lots 3-4, E2SW4 Sec. 31, 18S-32E, Lea/NM

Targeted Interval- First Bone Spring

SHL- 35-18S-31E: SE4

FTP- 35-18S-31E: 2230' FSL, 2540' FEL, or Unit J

LTP- 31-18S-32E: 2230' FSL, 2540' FWL, or Unit K

BHL- 31-18S-32E: 2230' FSL, 2540' FWL, or Unit K

TVD- 8,080' TMD- 19,140'

**DR VOGEL SW 35-31 FED COM 105H**

SE4 Sec. 35 & S2 Sec. 36, 18S-31E, Eddy/NM and Lots 3-4, E2SW4 Sec. 31, 18S-32E, Lea/NM

Targeted Interval- First Bone Spring

SHL- 35-18S-31E: SE4

FTP- 35-18S-31E: 1254' FSL, 2540' FEL, or Unit O

LTP- 31-18S-32E: 1254' FSL, 2540' FWL, or Unit N

BHL- 31-18S-32E: 1254' FSL, 2540' FWL, or Unit N

TVD- 8,080' TMD- 19,140'

**DR VOGEL SW 35-31 FED COM 106H**

SE4 Sec. 35 & S2 Sec. 36, 18S-31E, Eddy/NM and Lots 3-4, E2SW4 Sec. 31, 18S-32E, Lea/NM

Targeted Interval- First Bone Spring

SHL- 35-18S-31E: SE4

FTP- 35-18S-31E: 330' FSL, 2540' FEL, or Unit O

LTP- 31-18S-32E: 330' FSL, 2540' FWL, or Unit N

BHL- 31-18S-32E: 330' FSL, 2540' FWL, or Unit N

TVD- 8,080' TMD- 19,140'

December 13, 2024  
Dr Vogel SW 35-31 Fed Com Unit proposals

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**DR VOGEL SW 35-31 FED COM 207H**

SE4 Sec. 35 & S2 Sec. 36, 18S-31E, Eddy/NM and Lots 3-4, E2SW4 Sec. 31, 18S-32E, Lea/NM

Targeted Interval- Second Bone Spring

SHL- 35-18S-31E: SE4

FTP- 35-18S-31E: 2230' FSL, 2540' FEL, or Unit J

LTP- 31-18S-32E: 2230' FSL, 2540' FWL, or Unit K

BHL- 31-18S-32E: 2230' FSL, 2540' FWL, or Unit K

TVD- 9,050' TMD- 20,110'

**DR VOGEL SW 35-31 FED COM 209H**

SE4 Sec. 35 & S2 Sec. 36, 18S-31E, Eddy/NM and Lots 3-4, E2SW4 Sec. 31, 18S-32E, Lea/NM

Targeted Interval- Second Bone Spring

SHL- 35-18S-31E: SE4

FTP- 35-18S-31E: 1254' FSL, 2540' FEL, or Unit O

LTP- 31-18S-32E: 1254' FSL, 2540' FWL, or Unit N

BHL- 31-18S-32E: 1254' FSL, 2540' FWL, or Unit N

TVD- 9,050' TMD- 20,110'

**DR VOGEL SW 35-31 FED COM 211H**

SE4 Sec. 35 & S2 Sec. 36, 18S-31E, Eddy/NM and Lots 3-4, E2SW4 Sec. 31, 18S-32E, Lea/NM

Targeted Interval- Second Bone Spring

SHL- 35-18S-31E: SE4

FTP- 35-18S-31E: 330' FSL, 2540' FEL, or Unit O

LTP- 31-18S-32E: 330' FSL, 2540' FWL, or Unit N

BHL- 31-18S-32E: 330' FSL, 2540' FWL, or Unit N

TVD- 9,050' TMD- 20,110'

PBEX reserves the right to modify the locations and drilling plans described above in order to address topography, environmental concerns, regulatory conflicts, technical advantages, among other reasons. PBEX shall advise of any such modifications.

PBEX is proposing these wells under the terms of a new modified 1989 AAPL form of Operating Agreement, dated June 1, 2025, by and between PBEX Operations, LLC, as Operator, and ConocoPhillips Company, et al, as Non-Operators which will be sent under separate cover. The following provisions are included:

- 100/300 Non-consent Penalty
- \$10,000/\$1000 Overhead Rates
- PBEX Operations, LLC named as Operator.

According to a cursory title review, you could be the owner of a certain working interest in the wells, the amount of which will be subject to title verification. Please indicate your election in the area marked below, sign and return one (1) copy of this letter, along with one (1) signed copy of the enclosed AFE(s) and a copy of your geological well requirements, to my attention at the letterhead address within thirty (30) days of receipt of this notice.

As an alternative to participation, PBEX would be open to discussing Sale/Assignment options, subject to mutually agreeable terms, execution of a mutually acceptable form of Assignment and verification of your interest. If a sale/assignment is the preferred choice, please contact us to discuss the details of this option.

December 13, 2024  
Dr Vogel SW 35-31 Fed Com Unit proposals

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In the interest of time, if we are unable to reach an agreement within thirty (30) days from the date of this letter, PBEX will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a horizontal spacing unit for the proposed wells.

Pursuant to 19.15.15.12 and 19.15.16.15 NMAC, you are being provided notice of our intention to drill and complete the wells described above wholly or partially within a spacing unit containing an existing well or wells in which you own an interest, described below. **Should you wish to object, a written statement must be delivered to E.G.L. Resources, LLC, within 20 days of the date of this notice.**

#### **EXISTING WELLS**

Nervous Horz Com #2H  
API No. 30-015-37143  
Operated by COG Operating LLC  
Producing Spacing Unit: 18-31, Sec. 36: E2E2  
Producing Formation: Bone Spring

Nervous Horz Com #3H  
API No. 30-015-37145  
Operated by COG Operating LLC  
Producing Spacing Unit: 18-31, Sec. 36: W2E2  
Producing Formation: Bone Spring

Nervous Horz Com #4H  
API No. 30-015-37146  
Operated by COG Operating LLC  
Producing Spacing Unit: 18-31, Sec. 36: W2W2  
Producing Formation: Bone Spring

Eddy JP St Com #1  
API No. 30-015-23504  
Operated by Matador Production Co  
Producing Spacing Unit: 18-31, Sec. 36: SESW  
Producing Formation: Bone Spring

Lusk 31 Fed #2  
API No. 30-025-39079  
Operated by EGL Resources Inc.  
Producing Spacing Unit: 18-32, Sec. 31: NESW  
Producing Formation: Bone Spring

Should you have any questions or want to discuss any details, please contact me at 432.894.4625 or by email at ruth@pbex.com.

Sincerely,

**PBEX Operations, LLC**

//Ruth Pelzel//

Ruth Pelzel  
Senior Landman

RP:bh  
Enc

December 13, 2024  
Dr Vogel SW 35-31 Fed Com Unit proposals

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| WELL NAME                      | Elect TO PARTICIPATE for proportionate share of costs | Elect <u>NOT</u> TO PARTICIPATE for proportionate share of costs |
|--------------------------------|-------------------------------------------------------|------------------------------------------------------------------|
| Dr Vogel SW 35-31 Fed Com 104H |                                                       |                                                                  |
| Dr Vogel SW 35-31 Fed Com 105H |                                                       |                                                                  |
| Dr Vogel SW 35-31 Fed Com 106H |                                                       |                                                                  |
| Dr Vogel SW 35-31 Fed Com 207H |                                                       |                                                                  |
| Dr Vogel SW 35-31 Fed Com 209H |                                                       |                                                                  |
| Dr Vogel SW 35-31 Fed Com 211H |                                                       |                                                                  |

**PARTY NAME**

Signed: \_\_\_\_\_

Name: \_\_\_\_\_

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

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

| PBEX LLC                           |                                                                 | AUTHORIZATION FOR EXPENDITURE |                   | 223 W Wall St.<br>Midland, TX 79701 |                       |
|------------------------------------|-----------------------------------------------------------------|-------------------------------|-------------------|-------------------------------------|-----------------------|
| <b>WELL NAME</b>                   | Dr Vogel SW 35-31 Fed Com 104H                                  | <b>AFE TYPE</b>               | Development       | <b>AFE NUMBER</b>                   |                       |
| <b>LATERAL LOCATION</b>            | Secs 35 & 36 (18S-31E), Sec 31 (18S-32E)                        | <b>FIELD</b>                  | Northern Delaware | <b>PROPERTY NUMBER</b>              |                       |
| <b>SURFACE LOCATION</b>            | 35-18S-31E, SE4                                                 | <b>FORMATION</b>              | 1BSS              | <b>DRILLING DAYS</b>                | 19                    |
| <b>BOTTOM-HOLE LOCATION</b>        | 31-18S-32E, 2230' FSL, 2540' FWL, or Unit K                     | <b>COUNTY</b>                 | EDDY / LEA        | <b>DEPTH (TVD/TMD)</b>              | 8080 TVD / 19140 MD   |
| <b>PROJECT DESCRIPTION</b>         | Drilling, Completion & Facilities costs for PBEX 2-mile lateral |                               |                   |                                     |                       |
| <b>ACCT. CODE</b>                  | <b>DESCRIPTION OF EXPENDITURE</b>                               |                               |                   | <b>COST ESTIMATE</b>                |                       |
| <b>IDC</b>                         | <b>ICC</b>                                                      | <b>TDC</b>                    | <b>TCC</b>        | <b>DRILLING</b>                     | <b>COMPLETIONS</b>    |
| <b>PREFIX 300</b>                  | <b>500</b>                                                      | <b>PREFIX 400</b>             | <b>600</b>        | <b>FACILITIES</b>                   | <b>TOTAL</b>          |
| <b>WELL INTANGIBLE COSTS</b>       |                                                                 |                               |                   |                                     |                       |
| 301                                | 501                                                             |                               |                   |                                     | \$25,000.00           |
| 302                                | 502                                                             |                               |                   |                                     | \$76,875.00           |
| 303                                |                                                                 |                               |                   |                                     | \$100,000.00          |
| 304                                |                                                                 |                               |                   |                                     | \$0.00                |
| 305                                | 505                                                             |                               |                   | \$598,000.00                        | \$598,000.00          |
|                                    | 506                                                             |                               |                   |                                     | \$0.00                |
|                                    | 507                                                             |                               |                   |                                     | \$250,000.00          |
|                                    | 508                                                             |                               |                   |                                     | \$0.00                |
| 309                                | 509                                                             |                               |                   | \$80,000.00                         | \$80,000.00           |
| 310                                | 510                                                             |                               |                   | \$182,000.00                        | \$182,000.00          |
| 311                                | 511                                                             |                               |                   | \$40,000.00                         | \$40,000.00           |
| 312                                | 512                                                             |                               |                   | \$95,000.00                         | \$370,000.00          |
| 313                                | 513                                                             |                               |                   | \$109,200.00                        | \$525,000.00          |
| 314                                |                                                                 |                               |                   | \$70,000.00                         | \$70,000.00           |
| 315                                | 515                                                             |                               |                   |                                     | \$0.00                |
| 316                                | 516                                                             |                               |                   | \$90,000.00                         | \$90,000.00           |
| 317                                | 517                                                             |                               |                   | \$40,000.00                         | \$50,000.00           |
|                                    | 518                                                             |                               |                   |                                     | \$0.00                |
| 319                                | 519                                                             |                               |                   | \$175,000.00                        | \$175,000.00          |
| 320                                | 520                                                             |                               |                   |                                     | \$180,000.00          |
|                                    | 521                                                             |                               |                   |                                     | \$0.00                |
| 322                                | 522                                                             |                               |                   | \$40,000.00                         | \$60,000.00           |
| 323                                | 523                                                             |                               |                   |                                     | \$100,000.00          |
|                                    | 524                                                             |                               |                   |                                     | \$0.00                |
| 326                                | 526                                                             |                               |                   |                                     | \$1,150,000.00        |
| 327                                | 527                                                             |                               |                   |                                     | \$75,000.00           |
| 328                                | 528                                                             |                               |                   | \$92,000.00                         | \$90,000.00           |
| 329                                | 529                                                             |                               |                   | \$25,000.00                         | \$182,000.00          |
| 330                                | 530                                                             |                               |                   |                                     | \$25,000.00           |
| 331                                | 531                                                             |                               |                   | \$50,000.00                         | \$550,000.00          |
| 332                                | 532                                                             |                               |                   | \$110,000.00                        | \$475,000.00          |
| 333                                | 533                                                             |                               |                   |                                     | \$600,000.00          |
| 334                                | 534                                                             |                               |                   | \$10,000.00                         | \$400,000.00          |
| 335                                | 535                                                             |                               |                   | \$28,000.00                         | \$400,000.00          |
| 336                                | 536                                                             |                               |                   |                                     | \$0.00                |
| 337                                | 537                                                             |                               |                   |                                     | \$0.00                |
| 338                                |                                                                 |                               |                   | \$20,000.00                         | \$20,000.00           |
| 339                                | 539                                                             |                               |                   |                                     | \$0.00                |
| 340                                | 540                                                             |                               |                   |                                     | \$0.00                |
| 341                                |                                                                 |                               |                   |                                     | \$0.00                |
| 342                                |                                                                 |                               |                   |                                     | \$0.00                |
| 343                                | 543                                                             |                               |                   | \$52,000.00                         | \$40,000.00           |
| 344                                | 544                                                             |                               |                   | \$10,000.00                         | \$5,000.00            |
| 345                                |                                                                 |                               |                   |                                     | \$15,000.00           |
| 346                                | 546                                                             |                               |                   |                                     | \$0.00                |
| 347                                | 547                                                             |                               |                   |                                     | \$2,000.00            |
| 348                                | 548                                                             |                               |                   | \$3,475.62                          | \$3,475.62            |
| 349                                | 549                                                             |                               |                   |                                     | \$0.00                |
| 350                                | 550                                                             |                               |                   |                                     | \$400,000.00          |
| 351                                | 551                                                             |                               |                   |                                     | \$400,000.00          |
| 352                                | 552                                                             |                               |                   |                                     | \$0.00                |
|                                    | 560                                                             |                               |                   |                                     | \$0.00                |
|                                    | 561                                                             |                               |                   |                                     | \$100,000.00          |
|                                    | 562                                                             |                               |                   |                                     | \$0.00                |
|                                    | 563                                                             |                               |                   |                                     | \$100,000.00          |
|                                    | 564                                                             |                               |                   |                                     | \$300,000.00          |
|                                    |                                                                 |                               |                   |                                     | \$0.00                |
|                                    |                                                                 |                               |                   |                                     | \$0.00                |
| <b>TOTAL WELL INTANGIBLE COSTS</b> |                                                                 |                               |                   | <b>\$2,121,550.62</b>               | <b>\$4,547,000.00</b> |
| <b>WELL TANGIBLE COSTS</b>         |                                                                 |                               |                   |                                     |                       |
|                                    | 401                                                             |                               |                   | \$40,000.00                         | \$40,000.00           |
|                                    | 402                                                             |                               |                   | \$76,453.13                         | \$76,453.13           |
|                                    | 403                                                             |                               |                   | \$0.00                              | \$0.00                |
|                                    | 404                                                             | 604                           |                   | \$253,870.00                        | \$253,870.00          |
|                                    | 405                                                             | 605                           |                   | \$578,126.25                        | \$578,126.25          |
|                                    | 406                                                             | 606                           |                   |                                     | \$0.00                |
|                                    | 607                                                             |                               |                   |                                     | \$150,000.00          |
|                                    | 608                                                             |                               |                   |                                     | \$0.00                |
|                                    | 409                                                             | 609                           |                   | \$80,000.00                         | \$80,000.00           |
|                                    | 610                                                             |                               |                   |                                     | \$150,000.00          |
|                                    | 611                                                             |                               |                   |                                     | \$0.00                |
|                                    | 412                                                             | 612                           |                   |                                     | \$0.00                |
|                                    | 613                                                             |                               |                   |                                     | \$200,000.00          |
|                                    | 614                                                             |                               |                   |                                     | \$200,000.00          |
|                                    | 615                                                             |                               |                   |                                     | \$0.00                |
|                                    | 417                                                             | 617                           |                   |                                     | \$0.00                |
|                                    | 420                                                             |                               |                   |                                     | \$0.00                |
|                                    | 634                                                             |                               |                   |                                     | \$300,000.00          |
|                                    | 447                                                             | 647                           |                   |                                     | \$0.00                |
|                                    | 448                                                             | 648                           |                   |                                     | \$0.00                |
|                                    | 649                                                             |                               |                   |                                     | \$0.00                |
| <b>TOTAL TANGIBLE COSTS</b>        |                                                                 |                               |                   | <b>\$1,028,449.38</b>               | <b>\$850,000.00</b>   |
| <b>TOTAL ESTIMATED WELL COST</b>   |                                                                 |                               |                   | <b>\$3,150,000.00</b>               | <b>\$4,697,000.00</b> |

PREPARED BY: Alex Bourland & Aaron Cattley DATE: 7/8/2024

OPERATOR APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_

OPERATOR APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_

PARTNER COMPANY NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

PARTNER APPROVAL: \_\_\_\_\_

TITLE: \_\_\_\_\_

053

| PBEX LLC                           |                                                                 | AUTHORIZATION FOR EXPENDITURE |                   | 223 W Wall St.<br>Midland, TX 79701 |                       |
|------------------------------------|-----------------------------------------------------------------|-------------------------------|-------------------|-------------------------------------|-----------------------|
| <b>WELL NAME</b>                   | Dr Vogel SW 35-31 Fed Com 105H                                  | <b>AFE TYPE</b>               | Development       | <b>AFE NUMBER</b>                   |                       |
| <b>LATERAL LOCATION</b>            | Secs 35 & 36 (18S-31E), Sec 31 (18S-32E)                        | <b>FIELD</b>                  | Northern Delaware | <b>PROPERTY NUMBER</b>              |                       |
| <b>SURFACE LOCATION</b>            | 35-18S-31E: SE4                                                 | <b>FORMATION</b>              | 1BSS              | <b>DRILLING DAYS</b>                | 19                    |
| <b>BOTTOM-HOLE LOCATION</b>        | 31-18S-32E: 330' FSL, 2540' FWL, or Unit N                      | <b>COUNTY</b>                 | EDDY / LEA        | <b>DEPTH (TVD/TMD)</b>              | 8080 TVD / 19140 MD   |
| <b>PROJECT DESCRIPTION</b>         | Drilling, Completion & Facilities costs for PBEX 2-mile lateral |                               |                   |                                     |                       |
| <b>ACCT. CODE</b>                  | <b>DESCRIPTION OF EXPENDITURE</b>                               |                               |                   | <b>COST ESTIMATE</b>                |                       |
| <b>IDC</b>                         | <b>ICC</b>                                                      | <b>TDC</b>                    | <b>TCC</b>        | <b>DRILLING</b>                     | <b>COMPLETIONS</b>    |
| <b>PREFIX 300</b>                  | <b>500</b>                                                      | <b>PREFIX 400</b>             | <b>600</b>        | <b>FACILITIES</b>                   | <b>TOTAL</b>          |
| <b>WELL INTANGIBLE COSTS</b>       |                                                                 |                               |                   |                                     |                       |
| 301                                | 501                                                             |                               |                   |                                     | \$25,000.00           |
| 302                                | 502                                                             |                               |                   |                                     | \$76,875.00           |
| 303                                |                                                                 |                               |                   |                                     | \$100,000.00          |
| 304                                |                                                                 |                               |                   |                                     | \$0.00                |
| 305                                | 505                                                             |                               |                   | \$598,000.00                        | \$598,000.00          |
|                                    | 506                                                             |                               |                   |                                     | \$0.00                |
|                                    | 507                                                             |                               |                   |                                     | \$250,000.00          |
|                                    | 508                                                             |                               |                   |                                     | \$0.00                |
| 309                                | 509                                                             |                               |                   | \$80,000.00                         | \$80,000.00           |
| 310                                | 510                                                             |                               |                   | \$182,000.00                        | \$182,000.00          |
| 311                                | 511                                                             |                               |                   | \$40,000.00                         | \$40,000.00           |
| 312                                | 512                                                             |                               |                   | \$95,000.00                         | \$370,000.00          |
| 313                                | 513                                                             |                               |                   | \$109,200.00                        | \$525,000.00          |
| 314                                |                                                                 |                               |                   | \$70,000.00                         | \$70,000.00           |
| 315                                | 515                                                             |                               |                   |                                     | \$0.00                |
| 316                                | 516                                                             |                               |                   | \$90,000.00                         | \$90,000.00           |
| 317                                | 517                                                             |                               |                   | \$40,000.00                         | \$50,000.00           |
|                                    | 518                                                             |                               |                   |                                     | \$0.00                |
| 319                                | 519                                                             |                               |                   | \$175,000.00                        | \$175,000.00          |
| 320                                | 520                                                             |                               |                   |                                     | \$180,000.00          |
|                                    | 521                                                             |                               |                   |                                     | \$0.00                |
| 322                                | 522                                                             |                               |                   | \$40,000.00                         | \$60,000.00           |
| 323                                | 523                                                             |                               |                   |                                     | \$0.00                |
|                                    | 524                                                             |                               |                   |                                     | \$1,150,000.00        |
| 326                                | 526                                                             |                               |                   |                                     | \$75,000.00           |
| 327                                | 527                                                             |                               |                   | \$92,000.00                         | \$90,000.00           |
| 328                                | 528                                                             |                               |                   | \$25,000.00                         | \$182,000.00          |
| 329                                | 529                                                             |                               |                   |                                     | \$25,000.00           |
| 330                                | 530                                                             |                               |                   | \$50,000.00                         | \$550,000.00          |
| 331                                | 531                                                             |                               |                   | \$110,000.00                        | \$475,000.00          |
| 332                                | 532                                                             |                               |                   |                                     | \$0.00                |
| 333                                | 533                                                             |                               |                   | \$10,000.00                         | \$10,000.00           |
| 334                                | 534                                                             |                               |                   | \$28,000.00                         | \$10,000.00           |
| 335                                | 535                                                             |                               |                   |                                     | \$38,000.00           |
| 336                                | 536                                                             |                               |                   |                                     | \$0.00                |
| 337                                | 537                                                             |                               |                   | \$20,000.00                         | \$0.00                |
| 338                                |                                                                 |                               |                   |                                     | \$20,000.00           |
| 339                                | 539                                                             |                               |                   |                                     | \$0.00                |
| 340                                | 540                                                             |                               |                   |                                     | \$0.00                |
| 341                                |                                                                 |                               |                   |                                     | \$0.00                |
| 342                                |                                                                 |                               |                   |                                     | \$0.00                |
| 343                                | 543                                                             |                               |                   | \$52,000.00                         | \$40,000.00           |
| 344                                | 544                                                             |                               |                   | \$10,000.00                         | \$5,000.00            |
| 345                                |                                                                 |                               |                   |                                     | \$15,000.00           |
| 346                                | 546                                                             |                               |                   |                                     | \$0.00                |
| 347                                | 547                                                             |                               |                   | \$2,000.00                          | \$2,000.00            |
| 348                                | 548                                                             |                               |                   | \$3,475.62                          | \$3,475.62            |
| 349                                | 549                                                             |                               |                   |                                     | \$0.00                |
| 350                                | 550                                                             |                               |                   |                                     | \$400,000.00          |
| 351                                | 551                                                             |                               |                   |                                     | \$400,000.00          |
| 352                                | 552                                                             |                               |                   |                                     | \$0.00                |
|                                    | 560                                                             |                               |                   |                                     | \$0.00                |
|                                    | 561                                                             |                               |                   |                                     | \$100,000.00          |
|                                    | 562                                                             |                               |                   |                                     | \$0.00                |
|                                    | 563                                                             |                               |                   |                                     | \$100,000.00          |
|                                    | 564                                                             |                               |                   |                                     | \$300,000.00          |
|                                    |                                                                 |                               |                   |                                     | \$0.00                |
|                                    |                                                                 |                               |                   |                                     | \$0.00                |
| <b>TOTAL WELL INTANGIBLE COSTS</b> |                                                                 |                               |                   | <b>\$2,121,550.62</b>               | <b>\$4,547,000.00</b> |
| <b>WELL TANGIBLE COSTS</b>         |                                                                 |                               |                   |                                     |                       |
|                                    | 401                                                             |                               |                   | \$40,000.00                         | \$40,000.00           |
|                                    | 402                                                             |                               |                   | \$76,453.13                         | \$76,453.13           |
|                                    | 403                                                             |                               |                   | \$0.00                              | \$0.00                |
|                                    | 404                                                             | 604                           |                   | \$253,870.00                        | \$253,870.00          |
|                                    | 405                                                             | 605                           |                   | \$578,126.25                        | \$578,126.25          |
|                                    | 406                                                             | 606                           |                   |                                     | \$0.00                |
|                                    | 607                                                             |                               |                   |                                     | \$150,000.00          |
|                                    | 608                                                             |                               |                   |                                     | \$0.00                |
|                                    | 409                                                             | 609                           |                   | \$80,000.00                         | \$80,000.00           |
|                                    | 610                                                             |                               |                   |                                     | \$150,000.00          |
|                                    | 611                                                             |                               |                   |                                     | \$0.00                |
|                                    | 412                                                             | 612                           |                   |                                     | \$0.00                |
|                                    | 613                                                             |                               |                   |                                     | \$200,000.00          |
|                                    | 614                                                             |                               |                   |                                     | \$200,000.00          |
|                                    | 615                                                             |                               |                   |                                     | \$0.00                |
|                                    | 417                                                             | 617                           |                   |                                     | \$0.00                |
|                                    | 420                                                             |                               |                   |                                     | \$0.00                |
|                                    | 634                                                             |                               |                   |                                     | \$300,000.00          |
|                                    | 447                                                             | 647                           |                   |                                     | \$0.00                |
|                                    | 448                                                             | 648                           |                   |                                     | \$0.00                |
|                                    | 649                                                             |                               |                   |                                     | \$0.00                |
| <b>TOTAL TANGIBLE COSTS</b>        |                                                                 |                               |                   | <b>\$1,028,449.38</b>               | <b>\$850,000.00</b>   |
| <b>TOTAL ESTIMATED WELL COST</b>   |                                                                 |                               |                   | <b>\$3,150,000.00</b>               | <b>\$4,697,000.00</b> |

PREPARED BY: Alex Bourland & Aaron Cattley DATE: 7/8/2024

OPERATOR APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_

OPERATOR APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_

PARTNER COMPANY NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

PARTNER APPROVAL: \_\_\_\_\_

TITLE: \_\_\_\_\_

054



PBEX LLC  
AUTHORIZATION FOR EXPENDITURE  
223 W Wall St.  
Midland, TX 79701

|                           |     |               |     |                                                                 |  |  |  |                |                |                   |                |                 |                |
|---------------------------|-----|---------------|-----|-----------------------------------------------------------------|--|--|--|----------------|----------------|-------------------|----------------|-----------------|----------------|
| WELL NAME                 |     |               |     | Dr Vogel SW 35-31 Fed Com 106H                                  |  |  |  | AFE TYPE       |                | Development       |                | AFE NUMBER      |                |
| LATERAL LOCATION          |     |               |     | Secs 35 & 36 (18S-31E), Sec 31 (18S-32E)                        |  |  |  | FIELD          |                | Northern Delaware |                | PROPERTY NUMBER |                |
| SURFACE LOCATION          |     |               |     | 35-18S-31E: SE4                                                 |  |  |  | FORMATION      |                | 1BSS              |                | DRILLING DAYS   |                |
| BOTTOM-HOLE LOCATION      |     |               |     | 31-18S-32E: 330' FSL, 2540' FWL, or Unit N                      |  |  |  | COUNTY         |                | EDDY / LEA        |                | DEPTH (TVD/TMD) |                |
|                           |     |               |     |                                                                 |  |  |  |                |                |                   |                | STATE           |                |
| PROJECT DESCRIPTION       |     |               |     | Drilling, Completion & Facilities costs for PBEX 2-mile lateral |  |  |  |                |                |                   |                | NM              |                |
| ACCT. CODE                |     |               |     | DESCRIPTION OF EXPENDITURE                                      |  |  |  |                |                | COST ESTIMATE     |                |                 |                |
| IDC                       | ICC | TDC           | TCC | WELL INTANGIBLE COSTS                                           |  |  |  |                |                | DRILLING          | COMPLETIONS    | FACILITIES      | TOTAL          |
| PREFIX<br>300             | 500 | PREFIX<br>400 | 600 |                                                                 |  |  |  |                |                |                   |                |                 |                |
| 301                       | 501 |               |     | SURVEY/PERMITS/DAMAGES                                          |  |  |  |                |                | \$25,000.00       |                |                 | \$25,000.00    |
| 302                       | 502 |               |     | LOCATION & ROAD                                                 |  |  |  |                |                | \$76,875.00       |                |                 | \$76,875.00    |
| 303                       |     |               |     | RIG MOVE                                                        |  |  |  |                |                | \$100,000.00      |                |                 | \$100,000.00   |
| 304                       |     |               |     | DRILLING - FOOTAGE                                              |  |  |  |                |                |                   |                |                 | \$0.00         |
| 305                       | 505 |               |     | DRILLING - DAYWORK                                              |  |  |  |                |                | \$598,000.00      |                |                 | \$598,000.00   |
|                           | 506 |               |     | COMPLETION/WORKOVER RIG                                         |  |  |  |                |                |                   |                |                 | \$0.00         |
|                           | 507 |               |     | COIL TUBING/SNUBBING UNIT                                       |  |  |  |                |                |                   | \$250,000.00   |                 | \$250,000.00   |
|                           | 508 |               |     | SLICKLINE/SWABBING                                              |  |  |  |                |                |                   |                |                 | \$0.00         |
| 309                       | 509 |               |     | BITS                                                            |  |  |  |                |                | \$80,000.00       |                |                 | \$80,000.00    |
| 310                       | 510 |               |     | DIRECTIONAL SERVICES                                            |  |  |  |                |                | \$182,000.00      |                |                 | \$182,000.00   |
| 311                       | 511 |               |     | CASING CREW                                                     |  |  |  |                |                | \$40,000.00       |                |                 | \$40,000.00    |
| 312                       | 512 |               |     | TOOL & EQUIPMENT RENTAL                                         |  |  |  |                |                | \$95,000.00       | \$275,000.00   |                 | \$370,000.00   |
| 313                       | 513 |               |     | FUEL & POWER                                                    |  |  |  |                |                | \$109,200.00      | \$525,000.00   |                 | \$634,200.00   |
| 314                       |     |               |     | DIESEL - BASE FOR MUD                                           |  |  |  |                |                | \$70,000.00       |                |                 | \$70,000.00    |
| 315                       | 515 |               |     | MUD LOGGING & GEOLOGIST                                         |  |  |  |                |                |                   |                |                 | \$0.00         |
| 316                       | 516 |               |     | DISPOSAL, RESTORATION & BACKFILL                                |  |  |  |                |                | \$90,000.00       |                |                 | \$90,000.00    |
| 317                       | 517 |               |     | TRUCKING                                                        |  |  |  |                |                | \$40,000.00       | \$50,000.00    |                 | \$90,000.00    |
|                           | 518 |               |     | TESTING                                                         |  |  |  |                |                |                   |                |                 | \$0.00         |
| 319                       | 519 |               |     | CEMENTING                                                       |  |  |  |                |                | \$175,000.00      |                |                 | \$175,000.00   |
| 320                       | 520 |               |     | PERFORATING                                                     |  |  |  |                |                |                   | \$180,000.00   |                 | \$180,000.00   |
|                           | 521 |               |     | CASED HOLE LOGS                                                 |  |  |  |                |                |                   |                |                 | \$0.00         |
| 322                       | 522 |               |     | DOWNHOLE TOOLS & SERVICE                                        |  |  |  |                |                | \$40,000.00       | \$60,000.00    |                 | \$100,000.00   |
| 323                       | 523 |               |     | SCIENCE & DIAGNOSTICS                                           |  |  |  |                |                |                   |                |                 | \$0.00         |
|                           | 524 |               |     | FORMATION STIMULATION                                           |  |  |  |                |                |                   | \$1,150,000.00 |                 | \$1,150,000.00 |
| 326                       | 526 |               |     | CONSULTING SERVICES/SUPERVISION                                 |  |  |  |                |                |                   | \$75,000.00    |                 | \$75,000.00    |
| 327                       | 527 |               |     | CONTRACT LABOR / SERVICES                                       |  |  |  |                |                | \$92,000.00       | \$90,000.00    |                 | \$182,000.00   |
| 328                       | 528 |               |     | OTHER LABOR                                                     |  |  |  |                |                | \$25,000.00       |                |                 | \$25,000.00    |
| 329                       | 529 |               |     | OVERHEAD                                                        |  |  |  |                |                |                   |                |                 | \$0.00         |
| 330                       | 530 |               |     | WATER - FRESH                                                   |  |  |  |                |                | \$50,000.00       | \$550,000.00   |                 | \$600,000.00   |
| 331                       | 531 |               |     | FLUIDS & CHEMICALS                                              |  |  |  |                |                | \$110,000.00      | \$475,000.00   |                 | \$585,000.00   |
| 332                       | 532 |               |     | CORING & ANALYSIS                                               |  |  |  |                |                |                   |                |                 | \$0.00         |
| 333                       | 533 |               |     | COMMUNICATIONS                                                  |  |  |  |                |                | \$10,000.00       | \$10,000.00    |                 | \$20,000.00    |
| 334                       | 534 |               |     | BOP TESTING                                                     |  |  |  |                |                | \$28,000.00       | \$10,000.00    |                 | \$38,000.00    |
| 335                       | 535 |               |     | CO2/NITROGEN                                                    |  |  |  |                |                |                   |                |                 | \$0.00         |
| 336                       | 536 |               |     | FISHING TOOLS & SERVICES                                        |  |  |  |                |                |                   |                |                 | \$0.00         |
| 337                       | 537 |               |     | INSPECTIONS                                                     |  |  |  |                |                | \$20,000.00       |                |                 | \$20,000.00    |
| 338                       |     |               |     | WIRELINE SERVICES                                               |  |  |  |                |                |                   |                |                 | \$0.00         |
| 339                       | 539 |               |     | ENGINEERING & GEOLOGY - FIELD                                   |  |  |  |                |                |                   |                |                 | \$0.00         |
| 340                       | 540 |               |     | ENGINEERING & GEOLOGY - OFFICE                                  |  |  |  |                |                |                   |                |                 | \$0.00         |
| 341                       |     |               |     | MULTISHOT & GYRO                                                |  |  |  |                |                |                   |                |                 | \$0.00         |
| 342                       |     |               |     | RE-ENTRY SERVICES                                               |  |  |  |                |                |                   |                |                 | \$0.00         |
| 343                       | 543 |               |     | CAMPS & TRAILERS                                                |  |  |  |                |                | \$52,000.00       | \$40,000.00    |                 | \$92,000.00    |
| 344                       | 544 |               |     | SAFETY EQUIPMENT & H2S                                          |  |  |  |                |                | \$10,000.00       | \$5,000.00     |                 | \$15,000.00    |
| 345                       |     |               |     | CONTINGENCY                                                     |  |  |  |                |                |                   |                |                 | \$0.00         |
| 346                       | 546 |               |     | INSURANCE                                                       |  |  |  |                |                |                   | \$2,000.00     |                 | \$2,000.00     |
| 347                       | 547 |               |     | MISCELLANEOUS                                                   |  |  |  |                |                | \$3,475.62        |                |                 | \$3,475.62     |
| 348                       | 548 |               |     | OUTSIDE OPERATED                                                |  |  |  |                |                |                   |                |                 | \$0.00         |
| 349                       | 549 |               |     | SAND                                                            |  |  |  |                |                |                   | \$400,000.00   |                 | \$400,000.00   |
| 350                       | 550 |               |     | SAND LOGISTICS                                                  |  |  |  |                |                |                   | \$400,000.00   |                 | \$400,000.00   |
| 351                       | 551 |               |     | VACUUM TRUCK                                                    |  |  |  |                |                |                   |                |                 | \$0.00         |
| 352                       | 552 |               |     | WATER - BRINE                                                   |  |  |  |                |                |                   |                |                 | \$0.00         |
|                           | 560 |               |     | FACILITY TRUCKING                                               |  |  |  |                |                |                   |                | \$100,000.00    | \$100,000.00   |
|                           | 561 |               |     | FACILITY VACUUM TRUCK                                           |  |  |  |                |                |                   |                |                 | \$0.00         |
|                           | 562 |               |     | FACILITY CONSULTING SER/SUPERVISION                             |  |  |  |                |                |                   |                | \$100,000.00    | \$100,000.00   |
|                           | 563 |               |     | FACILITY CONTRACT LABOR / SER.                                  |  |  |  |                |                |                   |                | \$300,000.00    | \$300,000.00   |
|                           | 564 |               |     | FACILITY SURFACE RENTAL                                         |  |  |  |                |                |                   |                |                 | \$0.00         |
|                           |     |               |     | SIM-OPS                                                         |  |  |  |                |                |                   |                |                 | \$0.00         |
|                           |     |               |     | TOTAL WELL INTANGIBLE COSTS                                     |  |  |  |                |                | \$2,121,550.62    | \$4,547,000.00 | \$500,000.00    | \$7,168,550.62 |
|                           |     |               |     | WELL TANGIBLE COSTS                                             |  |  |  |                |                |                   |                |                 |                |
|                           |     |               |     | CASING - CONDUCTOR                                              |  |  |  |                |                | \$40,000.00       |                |                 | \$40,000.00    |
|                           |     |               |     | CASING - SURFACE                                                |  |  |  |                |                | \$76,453.13       |                |                 | \$76,453.13    |
|                           |     |               |     | CASING - SALT STRING                                            |  |  |  |                |                | \$0.00            |                |                 | \$0.00         |
|                           |     | 604           |     | CASING - INTERMEDIATE                                           |  |  |  |                |                | \$253,870.00      |                |                 | \$253,870.00   |
|                           |     | 605           |     | CASING - PRODUCTION / LINER                                     |  |  |  |                |                | \$578,126.25      |                |                 | \$578,126.25   |
|                           |     | 606           |     | SUBSURFACE EQUIPMENT                                            |  |  |  |                |                |                   |                |                 | \$0.00         |
|                           |     | 607           |     | PRODUCTION TUBING                                               |  |  |  |                |                |                   | \$150,000.00   |                 | \$150,000.00   |
|                           |     | 608           |     | SUBSURFACE PUMPING EQUIPMENT                                    |  |  |  |                |                |                   |                |                 | \$0.00         |
|                           |     | 609           |     | WELLHEAD EQUIPMENT                                              |  |  |  |                |                | \$80,000.00       |                |                 | \$80,000.00    |
|                           |     | 610           |     | FLOWLINES                                                       |  |  |  |                |                |                   |                | \$150,000.00    | \$150,000.00   |
|                           |     | 611           |     | SURFACE PUMPING EQUIPMENT                                       |  |  |  |                |                |                   |                |                 | \$0.00         |
|                           |     | 612           |     | LINER HANGER & ASSOC EQUIP                                      |  |  |  |                |                |                   |                |                 | \$0.00         |
|                           |     | 613           |     | VALVES & FITTINGS                                               |  |  |  |                |                |                   |                | \$200,000.00    | \$200,000.00   |
|                           |     | 614           |     | INSTURMENTATION & ELECTRICAL                                    |  |  |  |                |                |                   |                | \$200,000.00    | \$200,000.00   |
|                           |     | 615           |     | RODS                                                            |  |  |  |                |                |                   |                |                 | \$0.00         |
|                           |     | 617           |     | TRUCKING                                                        |  |  |  |                |                |                   |                |                 | \$0.00         |
|                           |     | 420           |     | RE-ENTRY EQUIPMENT                                              |  |  |  |                |                |                   |                |                 | \$0.00         |
|                           |     | 634           |     | PRODUCTION EQUIPMENT                                            |  |  |  |                |                |                   |                | \$300,000.00    | \$300,000.00   |
|                           |     | 647           |     | MISCELLANEOUS                                                   |  |  |  |                |                |                   |                |                 | \$0.00         |
|                           |     | 648           |     | OUTSIDE OPERATED                                                |  |  |  |                |                |                   |                |                 | \$0.00         |
|                           |     | 649           |     | TANGIBLE EQUIP-ACQUISITIONS                                     |  |  |  |                |                |                   |                |                 | \$0.00         |
|                           |     |               |     | TOTAL TANGIBLE COSTS                                            |  |  |  |                |                | \$1,028,449.38    | \$150,000.00   | \$850,000.00    | \$2,028,449.38 |
|                           |     |               |     |                                                                 |  |  |  | DRILLING       | COMPLETIONS    | FACILITIES        | TOTAL          |                 |                |
| TOTAL ESTIMATED WELL COST |     |               |     |                                                                 |  |  |  | \$3,150,000.00 | \$4,697,000.00 | \$1,350,000.00    | \$9,197,000.00 |                 |                |

PREPARED BY: Alex Bourland & Aaron Cattley DATE: 7/8/2024

OPERATOR APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_

OPERATOR APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_

PARTNER COMPANY NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

PARTNER APPROVAL: \_\_\_\_\_

TITLE: \_\_\_\_\_

055



PREPARED BY: Alex Bourland & Aaron Cattley DATE: 12/6/2024

OPERATOR APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_

OPERATOR APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_

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PARTNER COMPANY NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

PARTNER APPROVAL: \_\_\_\_\_

TITLE: \_\_\_\_\_



PBEX LLC  
AUTHORIZATION FOR EXPENDITURE  
223 W Wall St.  
Midland, TX 79701

|                           |     |               |     |                                                  |  |           |                |                   |                |                 |                |
|---------------------------|-----|---------------|-----|--------------------------------------------------|--|-----------|----------------|-------------------|----------------|-----------------|----------------|
| WELL NAME                 |     |               |     | Dr Vogel SW 35-31 Fed Corn 209H                  |  | AFE TYPE  |                | Development       |                | AFE NUMBER      |                |
| LATERAL LOCATION          |     |               |     | Secs 35 & 36 (18S-31E), Sec 31 (18S-32E)         |  | FIELD     |                | Northern Delaware |                | PROPERTY NUMBER |                |
| SURFACE LOCATION          |     |               |     | 35-18S-31E; SE4                                  |  | FORMATION |                | 2BSS              |                | DRILLING DAYS   |                |
| BOTTOM-HOLE LOCATION      |     |               |     | 31-18S-32E: 1254' FSL, 2540' FWL, or Unit N      |  | COUNTY    |                | EDDY / LEA        |                | DEPTH (TVD/TMD) |                |
|                           |     |               |     |                                                  |  |           |                |                   |                | STATE           |                |
| PROJECT DESCRIPTION       |     |               |     | Drilling, Completion & Facilities costs for PBEX |  |           |                |                   |                |                 |                |
| ACCT. CODE                |     |               |     | DESCRIPTION OF EXPENDITURE                       |  |           |                | COST ESTIMATE     |                |                 |                |
| IDC                       | ICC | TDC           | TCC |                                                  |  |           |                | DRILLING          | COMPLETIONS    | FACILITIES      | TOTAL          |
| PREFIX<br>300             | 500 | PREFIX<br>400 | 600 | WELL INTANGIBLE COSTS                            |  |           |                |                   |                |                 |                |
| 301                       | 501 |               |     | SURVEY/PERMITS/DAMAGES                           |  |           |                | \$25,000.00       |                |                 | \$25,000.00    |
| 302                       | 502 |               |     | LOCATION & ROAD                                  |  |           |                | \$76,875.00       |                |                 | \$76,875.00    |
| 303                       |     |               |     | RIG MOVE                                         |  |           |                | \$100,000.00      |                |                 | \$100,000.00   |
| 304                       |     |               |     | DRILLING - FOOTAGE                               |  |           |                |                   |                |                 | \$0.00         |
| 305                       | 505 |               |     | DRILLING - DAYWORK                               |  |           |                | \$700,000.00      |                |                 | \$700,000.00   |
|                           | 506 |               |     | COMPLETION/WORKOVER RIG                          |  |           |                |                   |                |                 | \$0.00         |
|                           | 507 |               |     | COIL TUBING/SNUBBING UNIT                        |  |           |                |                   | \$250,000.00   |                 | \$250,000.00   |
|                           | 508 |               |     | SLICKLINE/SWABBING                               |  |           |                |                   |                |                 | \$0.00         |
| 309                       | 509 |               |     | BITS                                             |  |           |                | \$120,000.00      |                |                 | \$120,000.00   |
| 310                       | 510 |               |     | DIRECTIONAL SERVICES                             |  |           |                | \$182,000.00      |                |                 | \$182,000.00   |
| 311                       | 511 |               |     | CASING CREW                                      |  |           |                | \$40,000.00       |                |                 | \$40,000.00    |
| 312                       | 512 |               |     | TOOL & EQUIPMENT RENTAL                          |  |           |                | \$95,000.00       | \$275,000.00   |                 | \$370,000.00   |
| 313                       | 513 |               |     | FUEL & POWER                                     |  |           |                | \$109,200.00      | \$525,000.00   |                 | \$634,200.00   |
| 314                       |     |               |     | DIESEL - BASE FOR MUD                            |  |           |                | \$70,000.00       |                |                 | \$70,000.00    |
| 315                       | 515 |               |     | MUD LOGGING & GEOLOGIST                          |  |           |                |                   |                |                 | \$0.00         |
| 316                       | 516 |               |     | DISPOSAL, RESTORATION & BACKFILL                 |  |           |                | \$90,000.00       |                |                 | \$90,000.00    |
| 317                       | 517 |               |     | TRUCKING                                         |  |           |                | \$40,000.00       | \$50,000.00    |                 | \$90,000.00    |
|                           | 518 |               |     | TESTING                                          |  |           |                |                   |                |                 | \$0.00         |
| 319                       | 519 |               |     | CEMENTING                                        |  |           |                | \$175,000.00      |                |                 | \$175,000.00   |
| 320                       | 520 |               |     | PERFORATING                                      |  |           |                |                   | \$180,000.00   |                 | \$180,000.00   |
|                           | 521 |               |     | CASED HOLE LOGS                                  |  |           |                |                   |                |                 | \$0.00         |
| 322                       | 522 |               |     | DOWNHOLE TOOLS & SERVICE                         |  |           |                | \$40,000.00       | \$60,000.00    |                 | \$100,000.00   |
| 323                       | 523 |               |     | SCIENCE & DIAGNOSTICS                            |  |           |                |                   |                |                 | \$0.00         |
|                           | 524 |               |     | FORMATION STIMULATION                            |  |           |                |                   | \$1,150,000.00 |                 | \$1,150,000.00 |
| 326                       | 526 |               |     | CONSULTING SERVICES/SUPERVISION                  |  |           |                |                   | \$75,000.00    |                 | \$75,000.00    |
| 327                       | 527 |               |     | CONTRACT LABOR / SERVICES                        |  |           |                | \$92,000.00       | \$90,000.00    |                 | \$182,000.00   |
| 328                       | 528 |               |     | OTHER LABOR                                      |  |           |                | \$25,000.00       |                |                 | \$25,000.00    |
| 329                       | 529 |               |     | OVERHEAD                                         |  |           |                |                   |                |                 | \$0.00         |
| 330                       | 530 |               |     | WATER - FRESH                                    |  |           |                | \$50,000.00       | \$550,000.00   |                 | \$600,000.00   |
| 331                       | 531 |               |     | FLUIDS & CHEMICALS                               |  |           |                | \$110,000.00      | \$475,000.00   |                 | \$585,000.00   |
| 332                       | 532 |               |     | CORING & ANALYSIS                                |  |           |                |                   |                |                 | \$0.00         |
| 333                       | 533 |               |     | COMMUNICATIONS                                   |  |           |                | \$10,000.00       | \$10,000.00    |                 | \$20,000.00    |
| 334                       | 534 |               |     | BOP TESTING                                      |  |           |                | \$28,000.00       | \$10,000.00    |                 | \$38,000.00    |
| 335                       | 535 |               |     | CO2/NITROGEN                                     |  |           |                |                   |                |                 | \$0.00         |
| 336                       | 536 |               |     | FISHING TOOLS & SERVICES                         |  |           |                |                   |                |                 | \$0.00         |
| 337                       | 537 |               |     | INSPECTIONS                                      |  |           |                | \$20,000.00       |                |                 | \$20,000.00    |
| 338                       |     |               |     | WIRELINE SERVICES                                |  |           |                |                   |                |                 | \$0.00         |
| 339                       | 539 |               |     | ENGINEERING & GEOLOGY - FIELD                    |  |           |                |                   |                |                 | \$0.00         |
| 340                       | 540 |               |     | ENGINEERING & GEOLOGY - OFFICE                   |  |           |                |                   |                |                 | \$0.00         |
| 341                       |     |               |     | MULTISHOT & GYRO                                 |  |           |                |                   |                |                 | \$0.00         |
| 342                       |     |               |     | RE-ENTRY SERVICES                                |  |           |                |                   |                |                 | \$0.00         |
| 343                       | 543 |               |     | CAMPS & TRAILERS                                 |  |           |                | \$52,000.00       | \$40,000.00    |                 | \$92,000.00    |
| 344                       | 544 |               |     | SAFETY EQUIPMENT & H2S                           |  |           |                | \$10,000.00       | \$5,000.00     |                 | \$15,000.00    |
| 345                       |     |               |     | CONTINGENCY                                      |  |           |                |                   |                |                 | \$0.00         |
| 346                       | 546 |               |     | INSURANCE                                        |  |           |                |                   | \$2,000.00     |                 | \$2,000.00     |
| 347                       | 547 |               |     | MISCELLANEOUS                                    |  |           |                | \$11,475.62       |                |                 | \$11,475.62    |
| 348                       | 548 |               |     | OUTSIDE OPERATED                                 |  |           |                |                   |                |                 | \$0.00         |
| 349                       | 549 |               |     | SAND                                             |  |           |                |                   | \$400,000.00   |                 | \$400,000.00   |
| 350                       | 550 |               |     | SAND LOGISTICS                                   |  |           |                |                   | \$400,000.00   |                 | \$400,000.00   |
| 351                       | 551 |               |     | VACUUM TRUCK                                     |  |           |                |                   |                |                 | \$0.00         |
| 352                       | 552 |               |     | WATER - BRINE                                    |  |           |                |                   |                |                 | \$0.00         |
|                           | 560 |               |     | FACILITY TRUCKING                                |  |           |                |                   |                | \$100,000.00    | \$100,000.00   |
|                           | 561 |               |     | FACILITY VACUUM TRUCK                            |  |           |                |                   |                |                 | \$0.00         |
|                           | 562 |               |     | FACILITY CONSULTING SER/SUPERVISION              |  |           |                |                   |                | \$100,000.00    | \$100,000.00   |
|                           | 563 |               |     | FACILITY CONTRACT LABOR / SER.                   |  |           |                |                   |                | \$300,000.00    | \$300,000.00   |
|                           | 564 |               |     | FACILITY SURFACE RENTAL                          |  |           |                |                   |                |                 | \$0.00         |
|                           |     |               |     | SIM-OPS                                          |  |           |                |                   |                |                 | \$0.00         |
|                           |     |               |     | TOTAL WELL INTANGIBLE COSTS                      |  |           |                | \$2,271,550.62    | \$4,547,000.00 | \$500,000.00    | \$7,318,550.62 |
|                           |     |               |     | WELL TANGIBLE COSTS                              |  |           |                |                   |                |                 |                |
|                           |     |               |     | CASING - CONDUCTOR                               |  |           |                | \$40,000.00       |                |                 | \$40,000.00    |
|                           |     |               |     | CASING - SURFACE                                 |  |           |                | \$76,453.13       |                |                 | \$76,453.13    |
|                           |     |               |     | CASING - SALT STRING                             |  |           |                | \$0.00            |                |                 | \$0.00         |
|                           |     | 604           |     | CASING - INTERMEDIATE                            |  |           |                | \$253,870.00      |                |                 | \$253,870.00   |
|                           |     | 605           |     | CASING - PRODUCTION / LINER                      |  |           |                | \$578,126.25      |                |                 | \$578,126.25   |
|                           |     | 606           |     | SUBSURFACE EQUIPMENT                             |  |           |                |                   |                |                 | \$0.00         |
|                           |     | 607           |     | PRODUCTION TUBING                                |  |           |                |                   | \$150,000.00   |                 | \$150,000.00   |
|                           |     | 608           |     | SUBSURFACE PUMPING EQUIPMENT                     |  |           |                |                   |                |                 | \$0.00         |
|                           |     | 609           |     | WELLHEAD EQUIPMENT                               |  |           |                | \$80,000.00       |                |                 | \$80,000.00    |
|                           |     | 610           |     | FLOWLINES                                        |  |           |                |                   |                | \$150,000.00    | \$150,000.00   |
|                           |     | 611           |     | SURFACE PUMPING EQUIPMENT                        |  |           |                |                   |                |                 | \$0.00         |
|                           |     | 612           |     | LINER HANGER & ASSOC EQUIP                       |  |           |                |                   |                |                 | \$0.00         |
|                           |     | 613           |     | VALVES & FITTINGS                                |  |           |                |                   |                | \$200,000.00    | \$200,000.00   |
|                           |     | 614           |     | INSTURMENTATION & ELECTRICAL                     |  |           |                |                   |                | \$200,000.00    | \$200,000.00   |
|                           |     | 615           |     | RODS                                             |  |           |                |                   |                |                 | \$0.00         |
|                           |     | 617           |     | TRUCKING                                         |  |           |                |                   |                |                 | \$0.00         |
|                           |     | 420           |     | RE-ENTRY EQUIPMENT                               |  |           |                |                   |                |                 | \$0.00         |
|                           |     | 634           |     | PRODUCTION EQUIPMENT                             |  |           |                |                   |                | \$300,000.00    | \$300,000.00   |
|                           |     | 647           |     | MISCELLANEOUS                                    |  |           |                |                   |                |                 | \$0.00         |
|                           |     | 648           |     | OUTSIDE OPERATED                                 |  |           |                |                   |                |                 | \$0.00         |
|                           |     | 649           |     | TANGIBLE EQUIP-ACQUISITIONS                      |  |           |                |                   |                |                 | \$0.00         |
|                           |     |               |     | TOTAL TANGIBLE COSTS                             |  |           |                | \$1,028,449.38    | \$150,000.00   | \$850,000.00    | \$2,028,449.38 |
|                           |     |               |     |                                                  |  |           | DRILLING       | COMPLETIONS       | FACILITIES     | TOTAL           |                |
| TOTAL ESTIMATED WELL COST |     |               |     |                                                  |  |           | \$3,300,000.00 | \$4,697,000.00    | \$1,350,000.00 | \$9,347,000.00  |                |

PREPARED BY: Alex Bourland & Aaron Cattley DATE: 12/6/2024

OPERATOR APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_

OPERATOR APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_

PARTNER COMPANY NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

PARTNER APPROVAL: \_\_\_\_\_

TITLE: \_\_\_\_\_



PREPARED BY: Alex Bourland & Aaron Cattley DATE: 12/6/2024

OPERATOR APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_

OPERATOR APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_

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PARTNER COMPANY NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

PARTNER APPROVAL: \_\_\_\_\_

TITLE: \_\_\_\_\_

## EXHIBIT A-11

## Contact Log

|                           |            |                                                                                                                                                                                                                                                                                                          |
|---------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| N Vogel Project/planning  | 8/21/2024  | PBEX reached out via email to COP related to surface issues/constraints. Asked COP if we'd be able to surface in Sec 36 for N2 Vogel Development. We asked that if they'd be willing to sign an off lease waiver, farmout, term assignment etc. (initially our development for Vogel was not in Sec 36). |
| N Vogel Projects/planning | 9/17/2024  | COP asks to discuss E2 Sec 35 in development and surface.                                                                                                                                                                                                                                                |
| N Vogel and SW Vogel      | 10/2/2024  | Call recap with COP, we will include E2 sec 35 and Sec 36 in our planning for DSU, which extends our initial laterals. COP will let us use the surface in Sec 35 and we will no longer have stranded acreage in Sec 31 and 32.                                                                           |
| N Vogel and SW Vogel      | 10/23/2024 | COP and PBEX meet to discuss the specifics of this deal with 35 and 36.                                                                                                                                                                                                                                  |
| N Vogel                   | 12/12/2024 | Emailed Blake Johnson with Apache, related to their interest in the N Vogel and whether they'd be interested in divesting their interest.                                                                                                                                                                |
| N, SW and SE Vogel        | 12/16/2024 | Proposals are sent to WI owners in projects                                                                                                                                                                                                                                                              |
| N Vogel                   | 12/16/2024 | Blake with Apache is open to talks and asked about spud dates and details about wells.                                                                                                                                                                                                                   |
| N Vogel                   | 12/17/2024 | Emailed Blake back with information related to his inquiries.                                                                                                                                                                                                                                            |
| N Vogel                   | 12/19/2024 | Scott Sabarsula with Chevron reached out with questions related to our proposals.                                                                                                                                                                                                                        |
| N Vogel                   | 12/20/2024 | Emailed Scott back with the information he requested related to spud dates                                                                                                                                                                                                                               |
| N Vogel                   | 12/27/2024 | Emailed Mr. Dippel with Tiburon and gave him details related to his interests. Mentioned we'd be interested in acquiring his interest.                                                                                                                                                                   |
| N Vogel and SW Vogel      | 1/6/2025   | Emailed Jay with Cardinal River about his interests in the wells.                                                                                                                                                                                                                                        |
| N, SW and AN Vogel        | 1/7/2025   | Jay emailed an additional question about spud dates.                                                                                                                                                                                                                                                     |
| N Vogel and SW Vogel      | 1/7/2025   | I responded to Jay (cardinal river) about spud dates.                                                                                                                                                                                                                                                    |
| N Vogel and SW Vogel      | 3/12/2025  | Emailed Arriana with Mewbourne to touch base about our competing proposals                                                                                                                                                                                                                               |
| N Vogel and SW Vogel      | 3/12/2025  | Adriana forwarded my email to Ariana Rodrigues at Mewbourne as she is the land man that will handle the Lead Belly cases.                                                                                                                                                                                |
| N Vogel and SW Vogel      | 3/17/2025  | Ariana with Mewbourne returns email and explains she'd be interested in hearing trade ideas related to our DSUs.                                                                                                                                                                                         |
| N Vogel and SW Vogel      | 3/17/2025  | Responded to Ariana to see if Mewbourne would be interested in Sec 26 and 27 of 18-31 in exchange for trading out of Sec 35 and 36 in 18-31.                                                                                                                                                             |
| N Vogel and SW Vogel      | 3/25/2025  | Ariana Mewbourne called with Mewbourne left message                                                                                                                                                                                                                                                      |
| N Vogel and SW Vogel      | 3/25/2025  | Returned call with Ariana and discussed sending over 26 and 27 numbers for their review. Also requested 31 and 32 numbers from us                                                                                                                                                                        |
| N Vogel and SW Vogel      | 3/25/2025  | Larry from Coyote left a message                                                                                                                                                                                                                                                                         |
| N Vogel and SW Vogel      | 3/26/2025  | Ariana emailed followed up her request for information                                                                                                                                                                                                                                                   |
| N Vogel and SW Vogel      | 3/26/2025  | I emailed Ariana and let her know that I could send over 26 and 27 title.                                                                                                                                                                                                                                |
| N Vogel and SW Vogel      | 3/26/2025  | Returned call to Larry from Coyote about his interest.                                                                                                                                                                                                                                                   |
| N Vogel and SW Vogel      | 3/26/2025  | Jay Jimmerson Cardinal called left message                                                                                                                                                                                                                                                               |
| N Vogel and SW Vogel      | 3/26/2025  | Returned call to Jay and discussed the possibility of a contested hearing                                                                                                                                                                                                                                |
| N Vogel and SW Vogel      | 4/3/2025   | Lunch with Ariana and Peyton at Mewbourne.                                                                                                                                                                                                                                                               |
| N Vogel and SW Vogel      | 4/8/2025   | Mewbourne rejected offer. Asked about a split the baby idea.                                                                                                                                                                                                                                             |
| N Vogel and SW Vogel      | 4/9/2025   | Emailed Mewbourne will follow up information related to the unit to try and ease concerns. Asked that they review and see if this changes their mind.                                                                                                                                                    |
| N Vogel and SW Vogel      | 4/15/2025  | Returned call to Bruce Elliot with Joseca Investments, related to questions on interest                                                                                                                                                                                                                  |
| N Vogel and SW Vogel      | 4/22/2025  | Followed up via email and asked Ariana if Mewbourne had a chance to review the documents.                                                                                                                                                                                                                |
| N Vogel and SW Vogel      | 4/22/2025  | Spoke with Drew Carnes related to title on the Estate of Peyton Carnes and Sally Carnes                                                                                                                                                                                                                  |
| N Vogel and SW Vogel      | 4/22/2025  | Drew Carnes left a message to call back related to the Vogels                                                                                                                                                                                                                                            |

|                      |           |                                                                                                                                                                                                                                                                     |
|----------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| N Vogel and SW Vogel | 4/22/2025 | Spoke with drew carnes related to title on the Estate of peyton carnes and sally carnes                                                                                                                                                                             |
| N Vogel and SW Vogel | 4/23/2025 | Mewbourne responded with feedback to trade concepts. They requested title detail in our projects (that include beyond the Lead Belly sections)                                                                                                                      |
| N Vogel and SW Vogel | 4/23/2025 | Emailed back Mewbourne expressing interest in a "split the baby deal" however, we have stranded acreage in the N portions of 31 and 32 if we do not operate those wells and have concerns.                                                                          |
| N Vogel and SW Vogel | 4/23/2025 | Mewbourne replied to the email and explained they have operations to the north of lead belly and want to keep it consolidated. They asked that we send a map for a visual of our constraints.                                                                       |
| N Vogel and SW Vogel | 4/23/2025 | Responded that I'd gather the information she needed and send it over ASAP.                                                                                                                                                                                         |
| N Vogel and SW Vogel | 4/23/2025 | Returned phone call (same day) from Claude Thorp related to addresses for family members . (related to ratifications of com agreements)                                                                                                                             |
| N Vogel and SW Vogel | 4/24/2025 | Sent email detailing our issues with surface to Ariana.                                                                                                                                                                                                             |
| N Vogel              | 4/24/2025 | Emailed Ben Jessup to see if Strategic is interested in participating/signing OA                                                                                                                                                                                    |
| N Vogel and SW Vogel | 4/29/2025 | Followed up with Mewbourne to see if they had any addition questions on the map and email I sent over on the 24th.                                                                                                                                                  |
| N Vogel and SW Vogel | 4/29/2025 | Mewbourne let me know that engineers are reviewing and asked if we could have a sit down meeting to discuss. I responded same day and told her I'd coordinate schedules on our side. I also requested a copy of the lead belly proposals as we'd not received them. |
| N Vogel and SW Vogel | 4/30/2025 | Ariana set up date for meeting in person. We accepted meeting date.                                                                                                                                                                                                 |
| N Vogel and SW Vogel | 5/2/2025  | Followed up and asked Ariana for the lead belly proposals. Ariana returned email with copy of proposals.                                                                                                                                                            |
| N Vogel and SW Vogel | 5/6/2025  | In person meeting with Mewbourne. Mewbourne offered split the baby (they take N lead belly) and trading out of one of the units for interests in a different unit.                                                                                                  |
| N Vogel and SW Vogel | 5/8/2025  | Followed up after our meeting with Ariana                                                                                                                                                                                                                           |
| N Vogel and SW Vogel | 5/9/2025  | Ariana told us that they had 280 net acres in a unit potentially for a trade and asked for section 31 and 32 acreage to see how it compares.                                                                                                                        |
| N Vogel and SW Vogel | 5/9/2025  | Ariana called and left message as the initial acreage of 280 was incorrect and they actually have 480 net acres.                                                                                                                                                    |
| N Vogel and SW Vogel | 5/13/2025 | Responded to Ariana with our numbers in the area.                                                                                                                                                                                                                   |
| N Vogel and SW Vogel | 5/14/2025 | David Davis with WTG, spoke about executing OA                                                                                                                                                                                                                      |
| N Vogel and SW Vogel | 5/15/2025 | Keith from Rupe Foundation called with inquiry                                                                                                                                                                                                                      |
| N Vogel and SW Vogel | 5/19/2025 | Ariana mentioned keeping a 1 mile development in the S2 of Sec 32 or getting out of all vogel units for the 480 acres to make up the difference.                                                                                                                    |
| N Vogel and SW Vogel | 5/19/2025 | I told Ariana I'd bring this up to management.                                                                                                                                                                                                                      |
| N Vogel and SW Vogel | 5/19/2025 | Ariana said she'd look into asked if we'd explore swapping out completely of all vogel units for Mewbourne's other unit.                                                                                                                                            |
| N Vogel and SW Vogel | 5/20/2025 | Explained that management would not allow us to trade out of three DSUs for one. I then brought up the potential of including a different unit in the trade to account for acreage differences.                                                                     |
| N Vogel and SW Vogel | 5/20/2025 | Returned call to Robert Welch regarding ORRI in DR Vogel N and SW                                                                                                                                                                                                   |
| N Vogel and SW Vogel | 5/20/2025 | Left message for Keith at Rupe related to fed com agreement                                                                                                                                                                                                         |
| N Vogel and SW Vogel | 5/20/2025 | called for terry smith/bauer related to orri with fed com agreement. No voicemail option, will call again.                                                                                                                                                          |
| N and SW             | 5/20/2025 | Returned call to Robert Welch regarding ORRI in DR Vogel N and SW                                                                                                                                                                                                   |
| N Vogel              | 5/20/2025 | left message for Keith at Rupe related to fed com agreement                                                                                                                                                                                                         |
| N Vogel              | 5/20/2025 | Called for Terry Smith/Bauer related to orri with fed com agreement. No voicemail option, will call again.                                                                                                                                                          |
| N Vogel and SW Vogel | 5/21/2025 | Ariana asked if we'd be partial to giving away the SW or SE DSU for acreage we had previously evaluated. She then said she'd get with the engineers on other acreage being discussed.                                                                               |

|                      |           |                                                                                                                                                                                                                                                                       |
|----------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| N Vogel and SW Vogel | 5/22/2025 | Responded to Mewbourne that I was doubtful we'd give up the S2 altogether but could ask.                                                                                                                                                                              |
| N Vogel and SW Vogel | 5/27/2025 | Ariana told me they are not interested in the acreage offered due to too many pre existing wells.                                                                                                                                                                     |
| SE Vogel             | 5/27/2025 | emailed Allar to follow up on OA's and Fed Coms. (see if they had any questions)                                                                                                                                                                                      |
| N Vogel              | 5/27/2025 | Gary Fonay called and left message asking for interst information on the Vogel. He left an email address that I can use to send him the information.                                                                                                                  |
| N Vogel              | 5/28/2025 | Gary Fonay emailed with a follow up question. I responded same day to his inquiry.                                                                                                                                                                                    |
| SE Vogel             | 5/29/2025 | Mr. Graham with Allar emailed me about the Dr Vogel SE wells and had a few questions about the status of whether operatorship was granted. I replied to his email same day with details on SE Vogel.                                                                  |
| N Vogel and SW Vogel | 6/11/2025 | Reachd out to Ariana about continuing the cases due to a family member who was place on Hospice.                                                                                                                                                                      |
| N Vogel              | 6/12/2025 | Keith with Rupe Energy called and left a message, I returned call with a follow up message and left my email in case that was an easier way to communicate.                                                                                                           |
| N Vogel and SW Vogel | 6/16/2025 | Ariana responded with condolences on my situation and that she would request to vacate the hearing to a later date. She also said they'd look into a different potential acreage area. They are in the midst of moving offices so it's been very hectic on their end. |
| N and SE Vogel       | 6/20/2025 | BPX emailed with confirmation that they're returning the Com Agreement for N Vogel                                                                                                                                                                                    |
| N Vogel              | 6/20/2025 | Cibolo returnd email and notified me that they will hold off on signing any JOA's until operatorship is determined.                                                                                                                                                   |
| N Vogel              | 6/23/2025 | Email received from Claude Thorp related to relatives and address locations to update ratifications.                                                                                                                                                                  |
| N Vogel and SW Vogel | 6/26/2025 | Emailed Mewbourne would be willing to dismiss and refile for August after news that the continuance was denied.                                                                                                                                                       |
| N Vogel and SW Vogel | 6/26/2025 | Emailed Ariana to let her know I've been updated that the hearing was moved to July 29th. Asked to followup on the lands being evaluated and also mentioned that we have other acreage that may be of interest to them.                                               |
| N and SW Vogel       | 6/26/2025 | Reached out to Ariana with Mewbourne and called to see if they would be willing to dismiss and refile. Once I received word about the new hearing date, I emailed again and asked if they had time to look into another potential deal.                               |
| N, SW and SE Vogel   | 6/27/2025 | Met with Mr. Davis at his office and picked up executed OA's for all unit.                                                                                                                                                                                            |
| N Vogel and SW Vogel | 7/2/2025  | Ariana responded via email that they are finally back in their offices. Ariana reached out to Ashley, Mewbourne is not interested in acreage we had discussed.                                                                                                        |
| N Vogel              | 7/7/2025  | Emailed ariana about the trade with COP and carry agreement.                                                                                                                                                                                                          |
| N Vogel              | 7/9/2025  | Ariana emailed back about other trade options.                                                                                                                                                                                                                        |
| N Vogel              | 7/10/2025 | Emailed Ariana back and told her that I'm working with management to get a deal worked out.                                                                                                                                                                           |
| N Vogel              | 7/11/2025 | Called Ariana's cell and left message telling her I'd like to explain our idea.                                                                                                                                                                                       |
| N Vogel and SW Vogel | 7/11/2025 | After a lot of phone tag, I was able to contact Ariana and informed her that pending management approval, we should be able to trade out of the N Vogel for their Kings Landing project.                                                                              |
| N Vogel              | 7/14/2025 | Matt Pride called and emailed about hearings on the 29th. Retunred call same day.                                                                                                                                                                                     |
| N and SW Vogel       | 7/15/2025 | Emailed offer to Ariana related to trading out of the N Vogel project. Ariana called back with a question related to the email and I answered during said call.                                                                                                       |
| N Vogel              | 7/16/2025 | Matt Pride called with a few questions related to the N Vogel. Returned call same day and answered his questions.                                                                                                                                                     |
| N and SW Vogel       | 7/16/2025 | Emailed Ariana and asked for an update.                                                                                                                                                                                                                               |
| N, SW Vogel          | 7/17/2025 | Meeting with Connor Adams (with CEHMM) to discuss surface issues and restrictions. Map included in exhibits. N Vogel development is critical due to the inability to surface in sections 31 and 32.                                                                   |

|                |           |                                                                                                                                                                                                                                                                                                                                                 |
|----------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| N & SW Vogel   | 7/17/2025 | Ariana with Mewbourne rejected the offer and countered. I responded immediately with follow up questions.                                                                                                                                                                                                                                       |
| N and SW Vogel | 7/18/2025 | Called Ariana and spoke to her about the propsed deal she sent the previous afternoon.                                                                                                                                                                                                                                                          |
| N and SW VOgel | 7/18/2025 | Emailed Ariana about potentially amended their counter.                                                                                                                                                                                                                                                                                         |
| N and SW VOgel | 7/18/2025 | Ariana responded to the proposal and cited some misunderstanding about the acreage numbers. Suggested a letter agreement with dismissal we countered back. We asked from some clarity, voiced openness to a secondary trade in a letter agreement but did explain we'd be partial not to dismiss but move forward with a hearing via affidavit. |
| N and SW Vogel | 7/18/2025 | Ariana responded to our email. She called later that day and left a message. I responded to her email and sent her a text asking if she'd like me to give her a call.                                                                                                                                                                           |



# Geology Case 25303 – Dr. Vogel SW

## EXHIBIT B

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

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

**CASE 25228**

**APPLICATION OF PBEX OPERATIONS, LLC  
FOR COMPULSORY POOLING AND APPROVAL  
OF AN OVERLAPPING SPACING UNIT,  
EDDY COUNTY AND LEA COUNTY, NEW MEXICO.**

**CASE 25303**

**SELF-AFFIRMED STATEMENT OF CHRISTIAN BRADSHAW**

1. My name is Christian Bradshaw. I work for PBEX, LLC ("PBEX") as a Geologist.
2. I have not previously testified before the New Mexico Oil Conservation Division ("Division") as an expert witness in petroleum geology. Attached as **PBEX Exhibit B-1** is my resume, showing my experience and education as a petroleum geologist.
3. I am familiar with the application filed by PBEX in this case, and I have conducted a geologic study of the lands in the subject area.
4. PBEX is targeting the Bone Spring formation in Case 25303. It will be drilling its initial wells in the First Bone Spring Second and the Second Bone Spring. PBEX plans later infill development in the Bone Spring Lower Avalon and the Third Bone Spring Sand.
5. PBEX will drill the following initial wells in Case 25303 for the Dr. Vogel SW 35-31 Unit:
  - a. Dr. Vogel SW 35-31 Fed Com 104H, targeting the First Bone Spring bench;
  - b. Dr. Vogel SW 35-31 Fed Com 105H, targeting the First Bone Spring bench;
  - c. Dr. Vogel SW 35-31 Fed Com 106H, targeting the First

- Bone Spring bench;
- d. Dr. Vogel SW 35-31 Fed Com 207H, targeting the Second Bone Spring bench;
- e. Dr. Vogel SW 35-31 Fed Com 209H, targeting the Second Bone Spring bench; and
- f. Dr. Vogel SW 35-31 Fed Com 211H, targeting the Second Bone Spring bench.

6. As discussed by PBEX's Reservoir Engineer, PBEX has infill development plans in the Avalon and Third Bone Spring.

7. **PBEX Exhibit B-2** is a general locator map for each case.

8. **PBEX Exhibit B-3** is a subsea structure map for each case that I prepared for the top of Bone Spring 1st Sand. The contour intervals are 100 feet. The area comprising the proposed spacing unit is outlined in red. The structure map shows the targeted formation gently dipping to the East-Southeast. The structure appears consistent across all formations within the proposed spacing unit, and I do not observe any faulting, pinch outs, or other geologic impediment to drilling horizontal wells.

9. PBEX Exhibit B-3 also shows a line of cross-section through the proposed horizontal spacing unit from A to A'. I chose the logs from these wells to create the cross-section because they penetrate the targeted interval and are of good quality of the targeted interval. In my opinion, these well logs are representative of the geology in the subject area.

10. I prepared a stratigraphic cross-section for both initial and infill wells and I will discuss them starting with the shallower zones and moving to the deeper zones. PBEX's initial wells covered by any orders issued in Cases 25303 will only be in the 1<sup>st</sup> and 2<sup>nd</sup> Bone Spring zones.

11. **PBEX Exhibit B-4** is a stratigraphic cross-section that I prepared using the logs from the representative wells shown in Exhibit B-4. Each well on the cross-section contains

gamma ray, resistivity, and porosity logs. The Avalon formation for the proposed wells is marked on the cross-section with grey shading. The cross-section demonstrates that the targeted interval is continuous across the proposed spacing unit.

12. **PBEX Exhibit B-5** is a stratigraphic cross-section that I prepared using the logs from the representative wells shown in Exhibit B-5. Each well on the cross-section contains gamma ray, resistivity, and porosity logs. The Bone Spring 1<sup>st</sup> Sand interval for the proposed wells is marked on the cross-section with grey shading. The cross-section demonstrates that the targeted interval is continuous across the proposed spacing unit.

13. **PBEX Exhibit B-6** is a stratigraphic cross-section that I prepared using the logs from the representative wells shown in Exhibit B-6. Each well on the cross-section contains gamma ray, resistivity, and porosity logs. The Bone Spring 2<sup>nd</sup> Sand interval for the proposed wells is marked on the cross-section with grey shading. The cross-section demonstrates that the targeted interval is continuous across the proposed spacing unit.

14. **PBEX Exhibit B-7** is a stratigraphic cross-section that I prepared using the logs from the representative wells shown in Exhibit B-7. Each well on the cross-section contains gamma ray, resistivity, and porosity logs. The Bone Spring 3<sup>rd</sup> Sand interval for the proposed wells is marked on the cross-section with grey shading. The cross-section demonstrates that the targeted interval is continuous across the proposed spacing unit.

15. **PBEX Exhibit B-8** is an isopach map for each case showing the gross thickness of the Avalon to the top of the Wolfcamp Formation. In general, thickness remains relatively consistent across the area of interest at roughly 3300’.

16. In my opinion, laydown orientation of the proposed wells is the appropriate orientation for horizontal well development in this area because it is more perpendicular to the maximum horizontal stress of the area.

17. Based on my geologic study, the Bone Spring formation underlying the subject area is suitable for development by horizontal wells and the acreage comprising the proposed spacing unit will contribute more-or-less equally to the production from the wellbore. I have not identified any geologic impediments to drilling horizontal wells in the spacing unit proposed.

18. In my opinion, horizontal drilling will be the most efficient method to develop this acreage, to prevent the drilling of unnecessary wells, and to result in the greatest ultimate recovery, and that approving PBEX's application will be in the best interest of conservation, the prevention of waste, and protection of correlative rights.

19. **PBEX Exhibits B-1 through B-8** were either prepared by me or compiled under my direction and supervision.

20. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.



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Christian Bradshaw

7/22/2025

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Date

EXHIBIT D-1

**Christian S. Bradshaw**

15519 Ponderosa Bend Dr. Cypress, TX 77429 • (832) 298 6234 • CBradshaw1315@gmail.com

**EDUCATION****University of Houston, Houston, TX**

Master of Science: Geology

Thesis Research: Tertiary oil to source-rock correlation within the Houston Salt Basin

May 2017

Cumulative GPA: 3.71

**Texas A&M University, College Station, TX**

Bachelor of Science: Geology

Minor: Oceanography

August 2014

Cumulative GPA: 3.34

**RELEVANT WORK EXPERIENCE****PBEX****March 2025 - Present**

Senior Geologist - Development &amp; Emerging Plays – Midland, TX

- Operationally lead development for all horizontal wells in Dawson Co.
- Provide geologic input on land swaps, farmouts and potential acquisitions
- Generate geological attributes for emerging plays to better predict well productivity drivers

**Maverick Natural Resources****September 2023 – March 2025**

Senior Geologist - New Ventures &amp; BD – Houston, TX

- Implemented grid-based petrophysics and log normalization workflows across multiple basins
- Identified and planned drillable inventory on newly captured, prospective lands.
- Assessed multiple acquisitions and divestitures ranging from \$500MM to \$1.5B for their impact to volumes and inventory

**Ovintiv (formerly Encana Oil & Gas)****May 2016 – September 2023**

Development Geologist (Uinta Basin) – Woodlands, TX (September 2022 – September 2023)

- Generated new 3D structural and petrophysical models to optimize wellbore placement
- Prospected optimal locations for future saltwater disposal locations
- Provided geologic expertise for wellbore placement and completions design for 12 wells

Martin Co. Lead Development Geologist (Permian) – Denver, CO (May 2020 – September 2022)

- Planned and executed over 75 wells in the Midland Basin
- Utilized 3D structural and petrophysical propagation to optimize wellbore placement
- Evaluated land swaps, offset operator timing of development and water disposal proposals
- Increased Martin Co. premium drillable footage by adding new target horizons

Development Geologist (Permian) (June 2019 – May 2020)

- Tracked and analyzed competitor performance, targeting, completions and well spacing
- Analyzed production and completions data, by year, for all OVV wells

Lead Geosteerer, Geosteering Center (January 2019 – June 2019)

- Lead geologist in the 'Geosteering Center' for 6 months; responsible for 4 rigs and 2 assets
- Compiled well plans, steered all wells (Starsteer) and adjusted plan as needed

Reservoir Characterization Team (Permian) (June 2017 – January 2019)

- Mapped, both structurally and petrophysically, Wolfcamp formations to aid in 3D model construction
- Quantified the resource in place for multiple upside horizons in the Midland Basin
- Managed and executed data trades with the team's operators of interest

Geology Intern - Reservoir Characterization Team (Permian) (May 2016 – August 2016)

- Provided insight to the Permian team on reservoir compartmentalization/mixing and depletion strategies
- Tied geochemical data to petrophysical logs, geomechanical data, and production data

**GeoMark Research, Houston, TX****August 2014 – May 2017**

Geologist

- Assisted in the interpretation of Permian, Bakken and Eagle Ford oil/source rock extract geochemistry data
- Interpreted geochemical data from Rock-Eval (HAWK), LECO TOC, GC, GCMS, GCMSMS and SARA

**SOFTWARE SKILLS**

- Proficient in Petrel, Kingdom, Starsteer, Spotfire, Microsoft Office, Adobe Creative Suite, Enverus and Pason
- Comfortable using Petra, 2-D BasinMod, ArcGIS, GeoGraphix and Aries

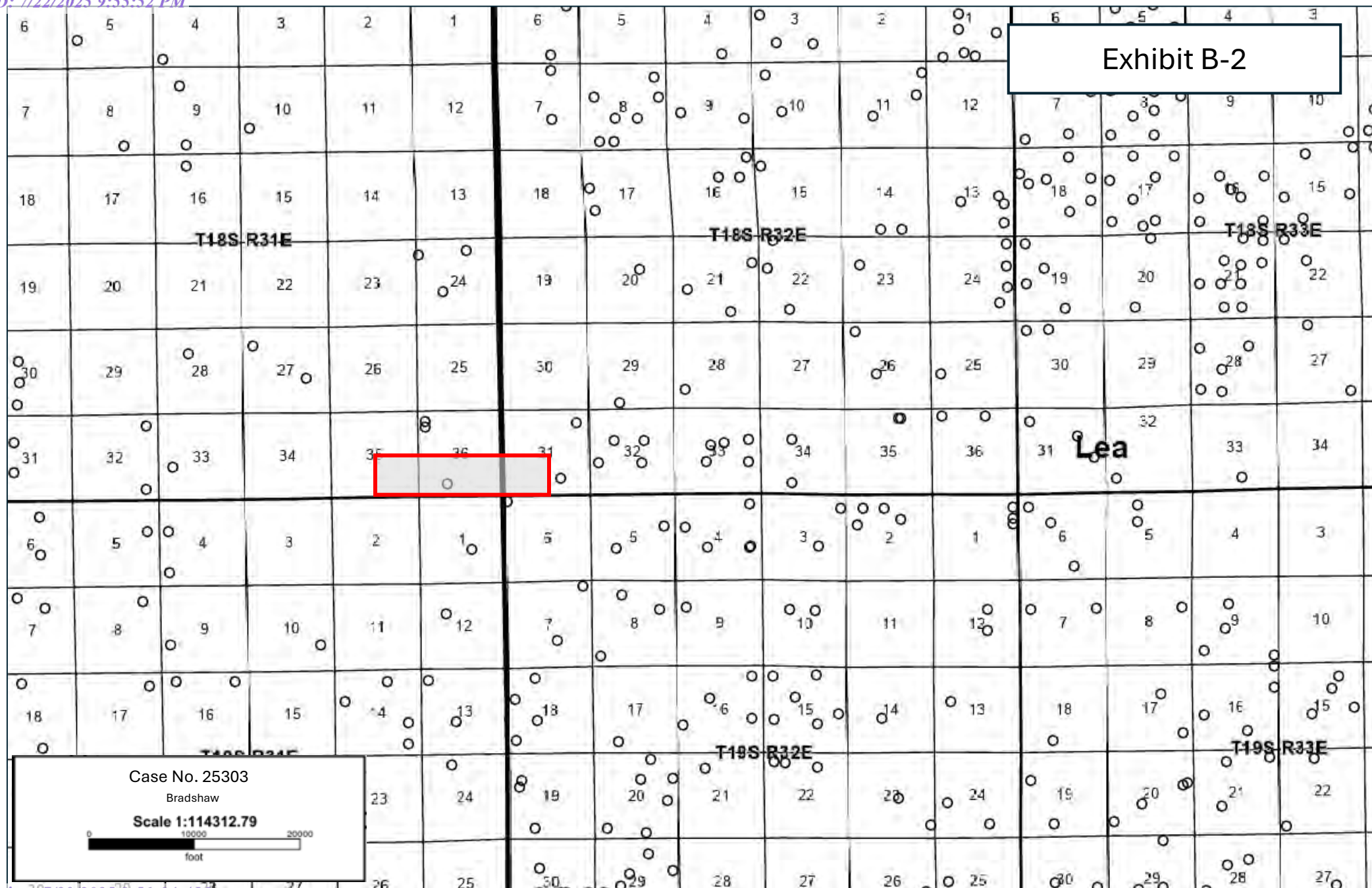
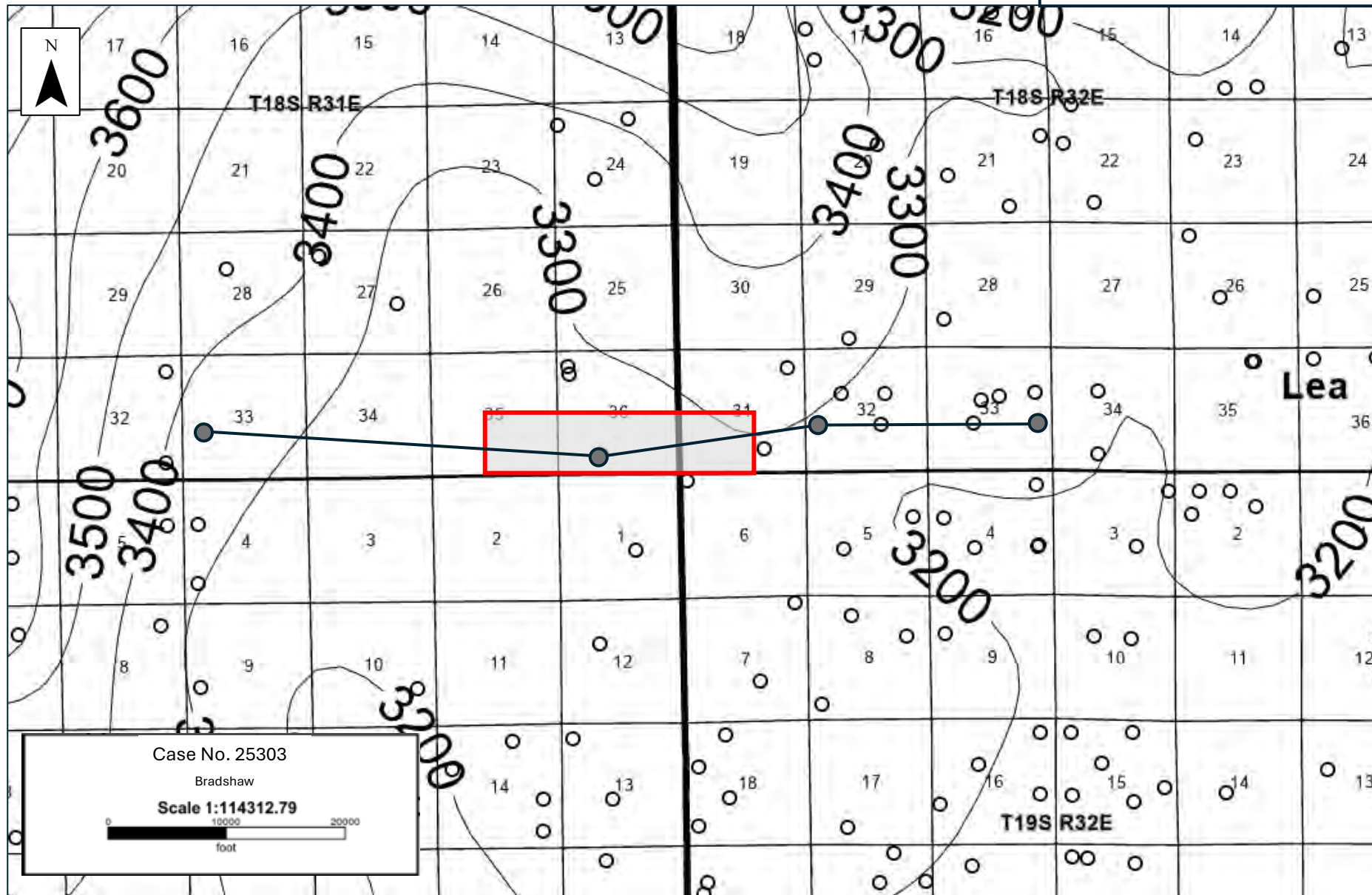


Exhibit B-3



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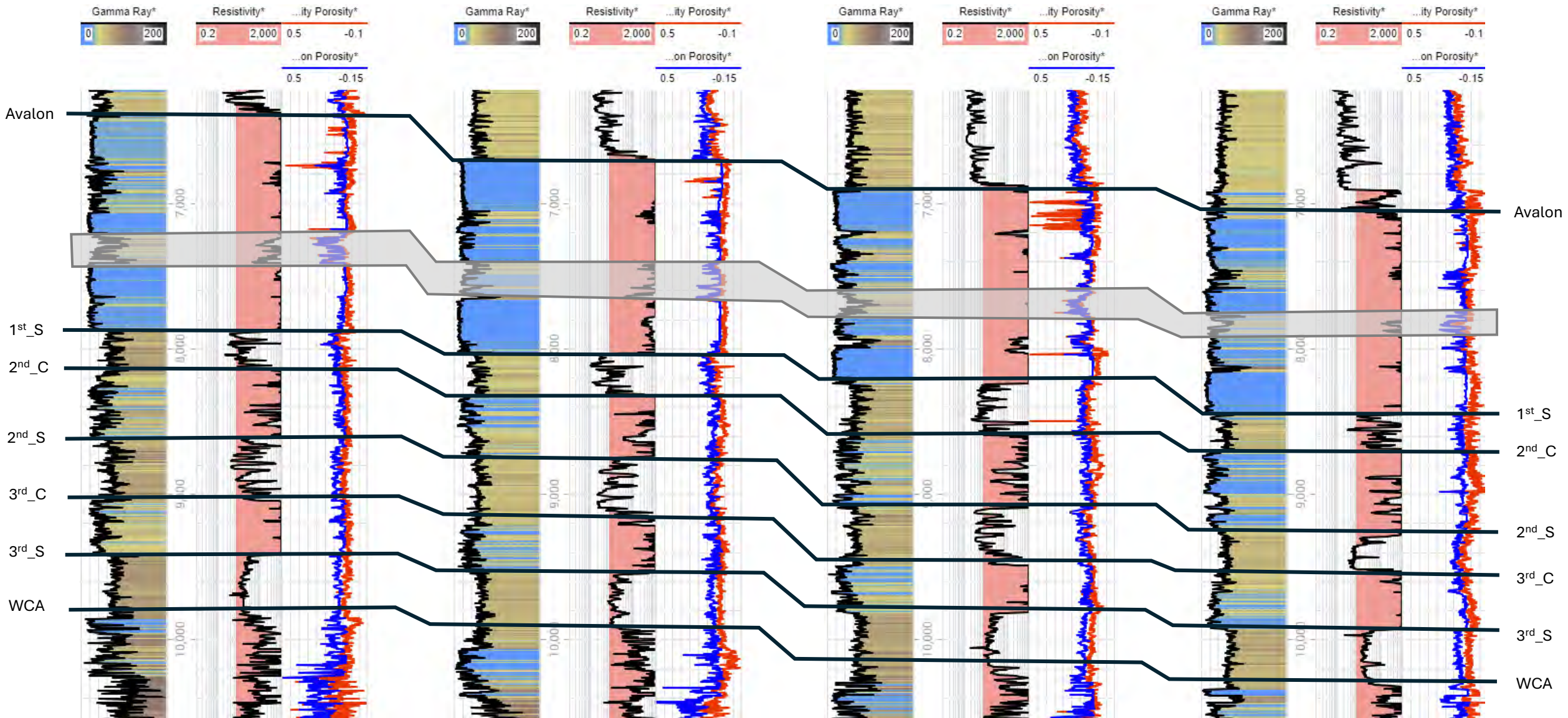


Exhibit B-4  
071

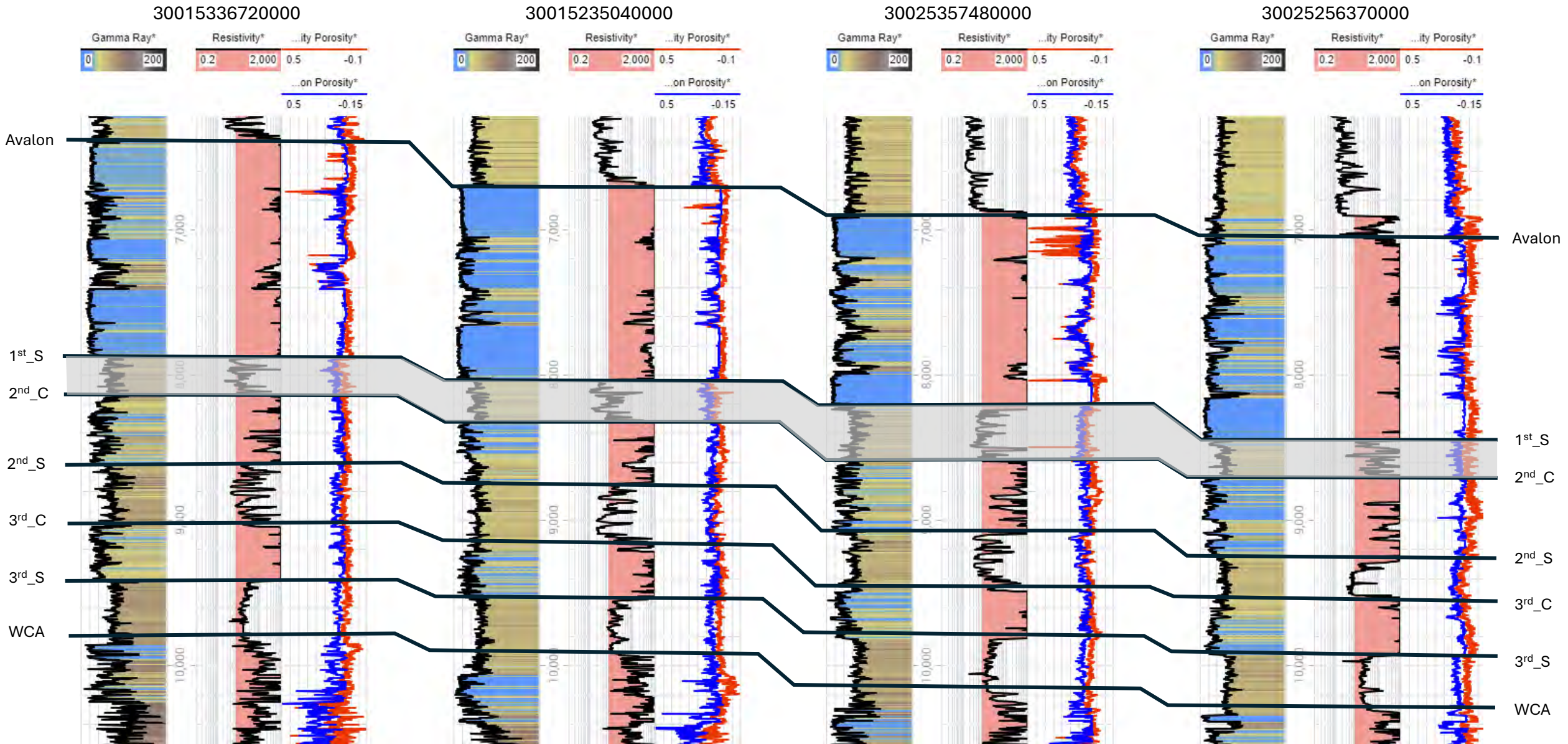


Exhibit B-5  
072

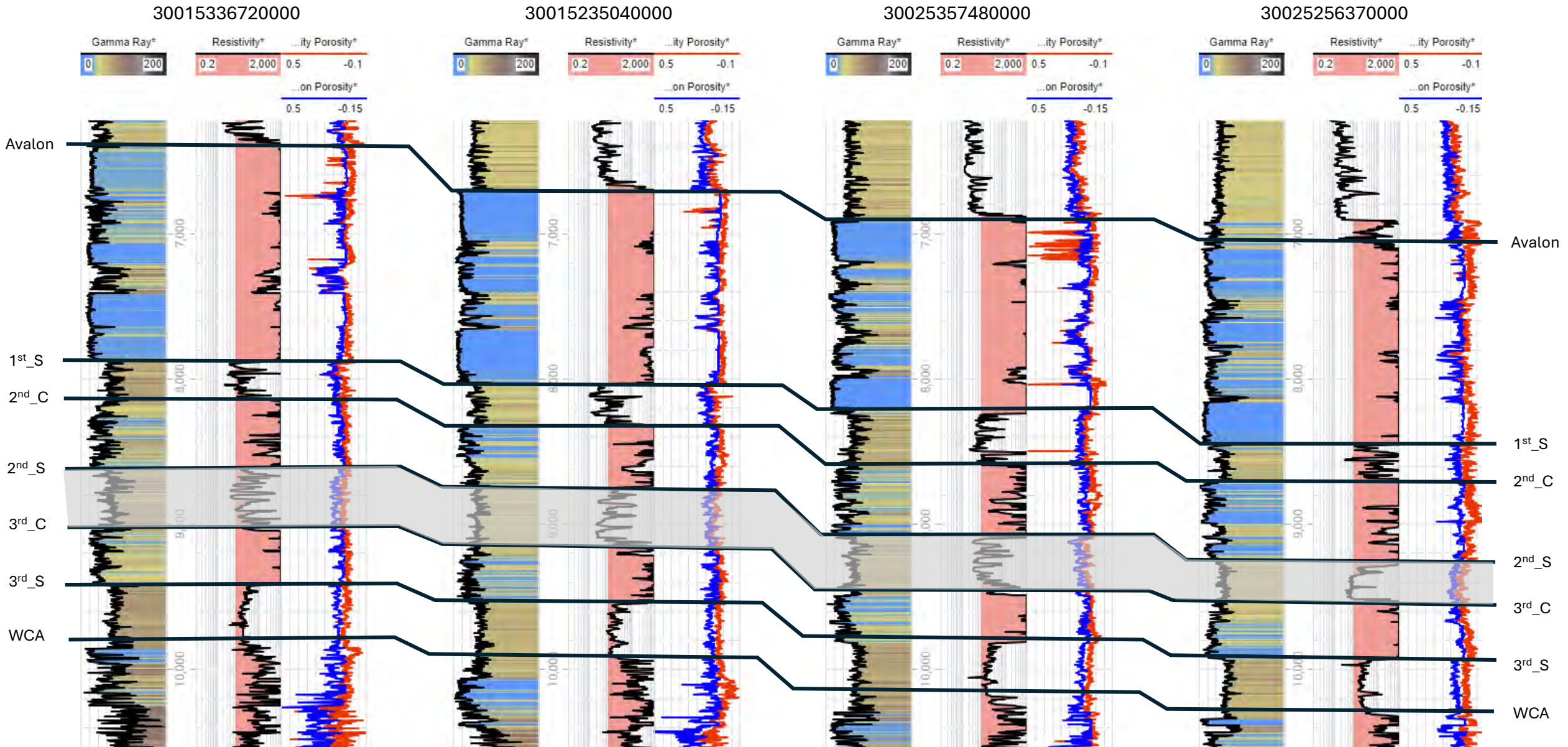


Exhibit B-6<sub>073</sub>

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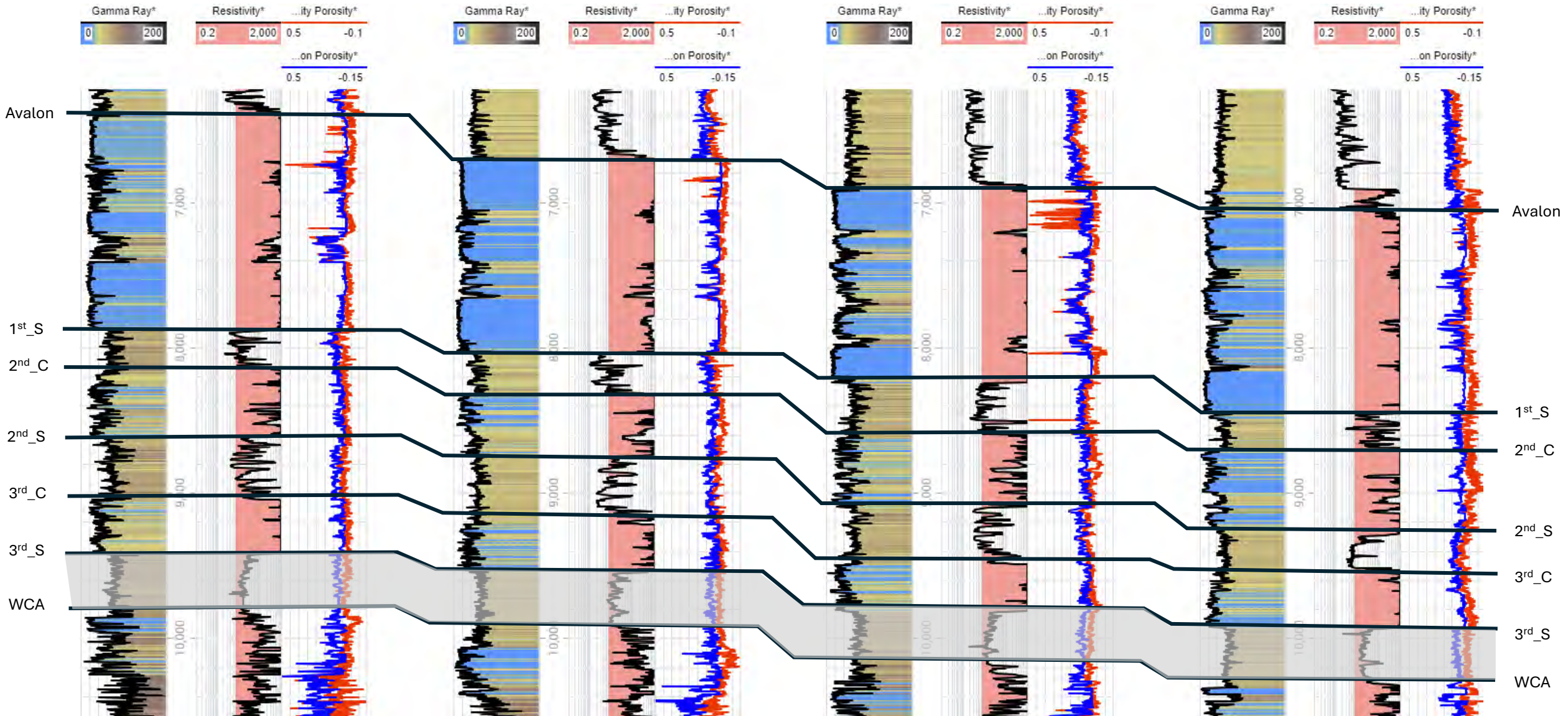
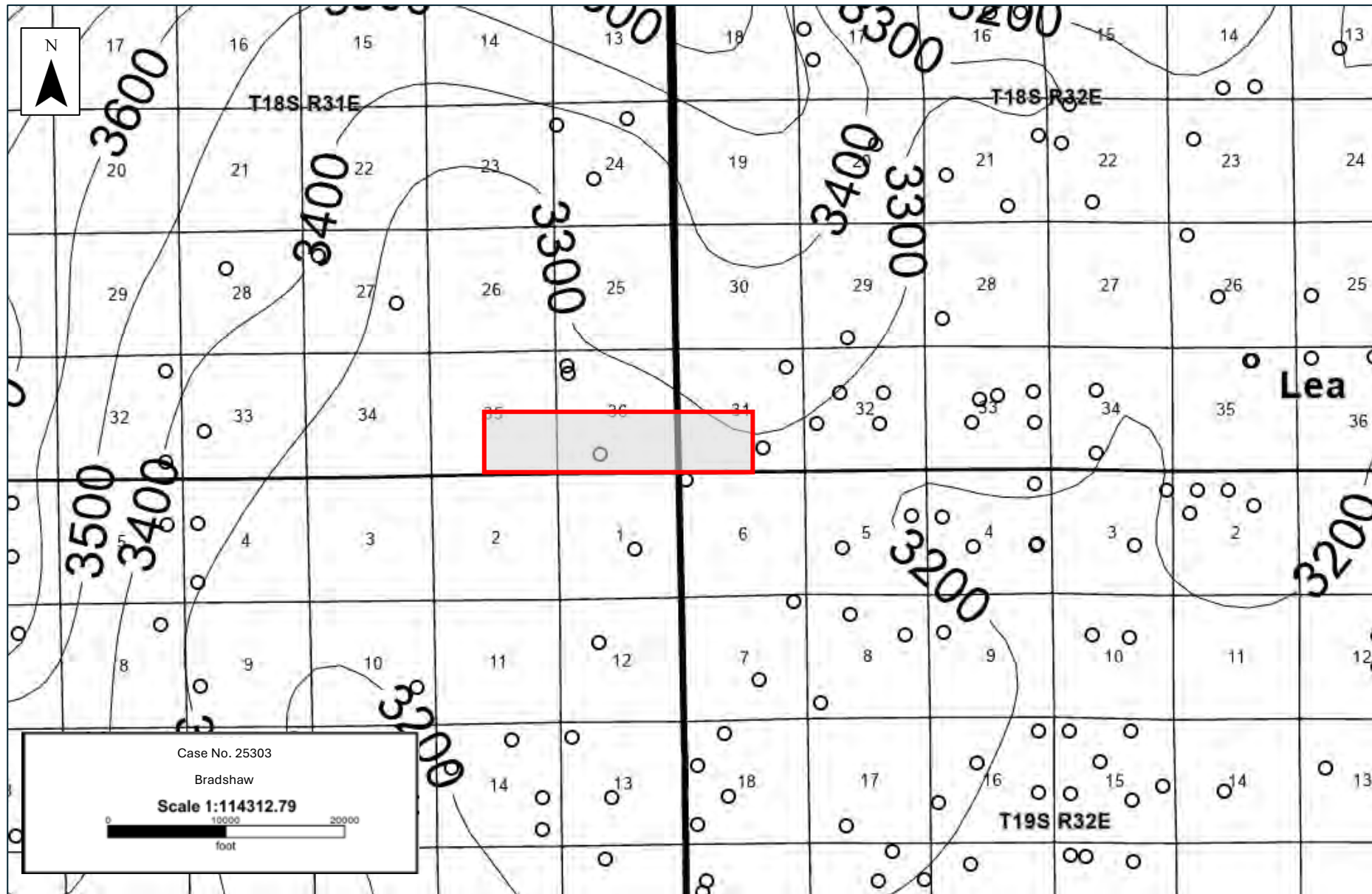


Exhibit B-7  
074





# Facilities Engineering

## EXHIBIT C

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

**APPLICATION OF MEWBOURNE OIL  
COMPANY FOR COMPULSORY POOLING,  
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OF AN OVERLAPPING SPACING UNIT,  
EDDY COUNTY AND LEA COUNTY, NEW MEXICO.**

**CASE 25303**

**SELF-AFFIRMED STATEMENT OF GAINES MYER**

1. My name is Gaines Myer. I am over 18 years old, and I work for PBEX, LLC (“PBEX”) as a facilities engineer.

2. I have not previously testified before the New Mexico Oil Conservation Division (“Division”) as an expert witness in facilities engineering matters. A copy of my resume is attached as **PBEX Exhibit C-1**.

3. This Statement is submitted to the Division in support of PBEX’s application in Cases 25303, seeking compulsory pooling in Eddy and Lea County, New Mexico.

4. I am familiar with the applications filed by PBEX in Case 25303. In preparing this statement, I conducted studies related to the facilities designs that will be used for development in Cases 25301 and 25303.

5. I am also familiar with Case 25228 filed by Mewbourne Oil Company (“Mewbourne”) (referred to as “the competing case”).

***PBEX Facilities Development Plan.***

6. PBEX will develop the lands in Cases 25301 and 25303 with only 14.6 acres of

disturbance to the surface, consisting of .67 acres of roads, 7.02 acres for pads, 3.67 acres for a single battery, and 3.24 acres for bulk lines. Thus, this results in a minimal 0.91% disturbance of the Subject Lands, which substantially minimizes the environmental impact of the plan of development.

7. After the drill pad and bulk gathering lines are installed, PBEX will rotate back to these existing drill pads for all activities and operations within the PBEX Development Area, thus requiring no further surface disturbance to the lands. By minimizing dirt work in this way, PBEX will reduce potential air pollution and preserve both native vegetation and natural habitat.

8. PBEX will develop the Subject Lands utilizing gas capture technology and operations. PBEX has already initiated this approach by working towards securing proposals for oil, water, and gas takeaway and by submitting load requests to power surface equipment to develop the acreage.

***Facilities Operations and Environmental Overview.***

9. As shown in **PBEX Exhibit C-2**, PBEX will construct a facility the uses automatic choke features to reduce venting and flaring. ESD (Electronic Shut Down) will be placed on all wellheads along with pressure sensors and HL (High Level) switches along with secondary containment around the entire facility. PBEX's facility design focuses on automating measurement and maximizing the measurement of molecules to help decrease venting and flaring.

10. PBEX will equip its facilities with meters, sensors and alarms to detect leaks at potential emissions sources. The facilities will be equipment with SCADA system that notifies PBEX quickly for fast response and quick resolution to any releases.

11. Attached as **PBEX Exhibit C-3** is a diagram of PBEX's facility design.

12. PBEX prioritizes using Midstream companies that recycle produced water. As

shown in **PBEX Exhibit C-4**, PBEX is in the process of securing Midstream services for the area. PBEX will use a single Midstream partner per stream to service its wells within the area. This will minimize surface disturbances and create an efficient midstream corridor.

13. The exhibits to my affidavit were prepared by me or under my direction.

14. Pursuant to Rule 1-011 NMRA, I declare and affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct to the best of my knowledge and belief.



Gaines Myer

Date: 07/22/2025

## EXHIBIT C-1

## GAINES C. MYER

Midland, TX ♦ 817-929-7491 ♦ [g.myer02@gmail.com](mailto:g.myer02@gmail.com)

## ENGINEER

A results-driven professional with extensive experience in operations management, data driven project leadership, and strategic planning in the oil and gas industry. Proven track record of optimizing efficiency, driving growth, and fostering a culture of excellence and safety. Demonstrated leadership abilities, adept at collaborating with cross-functional teams to achieve organizational objectives. Seeking a challenging opportunity to leverage my expertise in operational excellence, strategic vision, and team development and grow in other avenues of the oil and gas business.

|                         |                     |                        |
|-------------------------|---------------------|------------------------|
| Team/Project Leadership | Mentoring           | Process Improvement    |
| Safety Leadership       | CygNet/SQL          | Communication          |
| Spotfire                | Strategic Planning  | Innovative Solutions   |
| Team Development        | Conflict Resolution | Big Data/Visualization |

## EDUCATION

**BACHELOR OF SCIENCE, PETROLEUM ENGINEERING/MINOR IN BUSINESS ADMINISTRATION, TEXAS  
A&M UNIVERSITY, COLLEGE STATION, TX, 2014**

## PROFESSIONAL EXPERIENCE

**PBEX, LLC, MIDLAND, TX (PERMIAN BASIN)**

**DECEMBER 2024-PRESENT**

**DIRECTOR OF PRODUCTION AND INFRASTRUCTURE**

Standing up operations process, systems, and teams to handle a growing E&P. Building operational trust with the community and peers through quality of work, timeline deliverability, and cost forecasting. Building the foundation on safety, continuous improvement, and excellence of work.

**DIAMONDBACK ENERGY, MIDLAND, TX (PERMIAN BASIN)**

**JANUARY 2018-NOVEMBER 2024**

**LEGACY ENDEAVOR ENERGY RESOURCES**

**INFRASTRUCTURE STRATEGY/PLANNING MANAGER**

**JANUARY 2023- NOVEMBER 2024**

Team drives all facility design changes/implementations, operation scheduling from drill to flowback handover to production, electrical infrastructure (OHPL and substations), and flowlines. Managing **\$35+ MM/yr** of infrastructure and **\$150+ MM/yr** of facilities.

**KEY ACCOMPLISHMENTS:**

- SPEARHEADED THE IMPLEMENTATION OF 4 SUBSTATIONS, THOUSANDS OF MILES OF OVERHEAD POWER LINES, AND DELIVERING 100+ MW OF POWER.
- DELIVERED NEW FACILITY DESIGN OF 25 KBOPD/22 MMCFD/75 KBWPD.
- IMPROVED RELATIONSHIPS WITH POWER PROVIDER, REDUCING ESTIMATED DELIVERY TIMES SIGNIFICANTLY.
- MAINTAINED FLAT METRICS IN THE FACE OF OPERATIONAL COST INCREASES.
- MANAGED TEAM OF DGB FUEL INFRASTRUCTURE FOR COMPLETIONS.

**PRODUCTION ENGINEERING SUPERVISOR**

**MARCH 2022-JANUARY 2023**

Managed a 9 person team composed of different experience levels and technical expertise. Total daily production was **~200 kBOE/d**. Brought on 110+ wells, oversaw 15+ workover rigs, implemented several workflow improvements, software implementations, and change management. Managed **\$10+ MM/yr** of LOE and **\$10+ MM/yr** in workovers

**KEY ACCOMPLISHMENTS:**

- ACHIEVED OPERATIONAL EXCELLENCE WHILE MANAGING DIVERSE TEAMS AND WORKFLOWS.
- IMPLEMENTED SOFTWARE SOLUTIONS TO IMPROVE WORKOVER PROCESSES AND SOPS.
- REDUCED DOWNTIME FROM 7% TO 5% YEAR OVER YEAR.
- FOSTERED A CULTURE OF SAFETY AND CONTINUOUS IMPROVEMENT.
- EXPANDED TEAM FROM 5 TO 9 ENGINEERS AND TECHNICIANS.

**SENIOR TECHNICAL ENGINEER – PROJECT MANAGEMENT GROUP      MAY 2021—MARCH 2022**

MANAGED THE IMPLEMENTATION OF PROVIEW, PRODUCTION ACCOUNTING AND FIELD DATA CAPTURE SOFTWARE, TO REPLACE CURRENT OUTDATED SYSTEMS. PERFORMED FULL LIFE CYCLE PROJECT MANAGEMENT OF SCOPING, DATA COLLECTION, DATA CLEANUP, TRAINING, PRODUCT EXECUTION, CONTINUOUS IMPROVEMENT AND SOFTWARE SUPPORT.

**KEY ACCOMPLISHMENTS:**

- FULL TRANSITION IN LESS THAN ONE YEAR WITH A THREE PERSON TEAM FOR A 400 KBOE/D AND 1200+ EMPLOYEE COMPANY.
- OVER HALF OF DAILY PRODUCTION CURRENTLY IN SYSTEM. TWO MORE PHASES REMAIN.

**SENIOR PRODUCTION ENGINEER****AUGUST 2018— MAY 2021**

OPERATED NORTHEAST MARTIN, DAWSON, AND HOWARD COUNTIES. OVERSAW 30,000+ BOPD AND 500+ WELLS (VERTICALS AND HORIZONTALS). DIRECTLY WORKED WITH FIELD PERSONNEL, RIG SUPERVISORS, AND EXECUTIVE LEVEL PERSONNEL TO FIX, OPTIMIZE, AND ARTIFICIALLY LIFT WELLS—LIFT TYPES CONSIST OF ESPs, GAS LIFT (ANNULAR AND CONVENTIONAL), ROD LIFT, AND PLUNGER LIFT.

**KEY ACCOMPLISHMENTS:**

- CREATED MULTIPLE SOFTWARE KPI, METRIC, TRACKER MODELS TO EASILY IDENTIFY BIGGEST PROBLEMS IN PRODUCTION.
- COMPRESSOR DOWNTIME, WORKOVERS COST AND EFFICIENCY, CHEMICAL ANALYSIS.
- SPEARHEADED INCORPORATING CYGNET (REAL-TIME DATA SERVICE) INTO SPOTFIRE.
- REDUCED PRODUCTION OFFLINE FROM 10% TO 5% YEARLY AVERAGE
- SPEARHEADED INCORPORATING CYGNET (REAL-TIME DATA SERVICE) INTO SPOTFIRE THAT INCREASED PROBLEM SOLVING SPEED.
- PRODUCED MULTIPLE ECONOMIC ANALYSIS PROJECTS THAT WERE PRESENTED TO THE CEO AND LATER IMPLEMENTED.

**FACILITIES ENGINEER****JANUARY 2018 – AUGUST 2018**

UNDERSTUDIED FOR FULL SCALE BATTERY CONSTRUCTION WHILE SPEARHEADING AND MANAGING ALL WATER TAKEAWAY CONSTRUCTION. DIRECTLY WORKED AND COORDINATED WITH VARIOUS DEPARTMENTS AND 3RD PARTY PERSONNEL TO EXECUTE AND CONSTRUCT WATER TAKEAWAY UNDER A RIG COUNT THAT DOUBLED FROM 4 TO 8 AND TIGHT TIME SCHEDULES.

**KEY ACCOMPLISHMENTS:**

- DESIGNED, IMPLEMENTED, AND OVERSAW \$20M+ IN PIPELINE WORK.
- CREATED AND IMPLEMENTED SOP, WORK PROCEDURES, AND JOB BOOKS FOR ALL PIPELINE WORK.
- CREATED AND IMPLEMENTED A PRICE SHEET FOR ALL TRANSFER LINE WORK FOR ENDEAVOR.

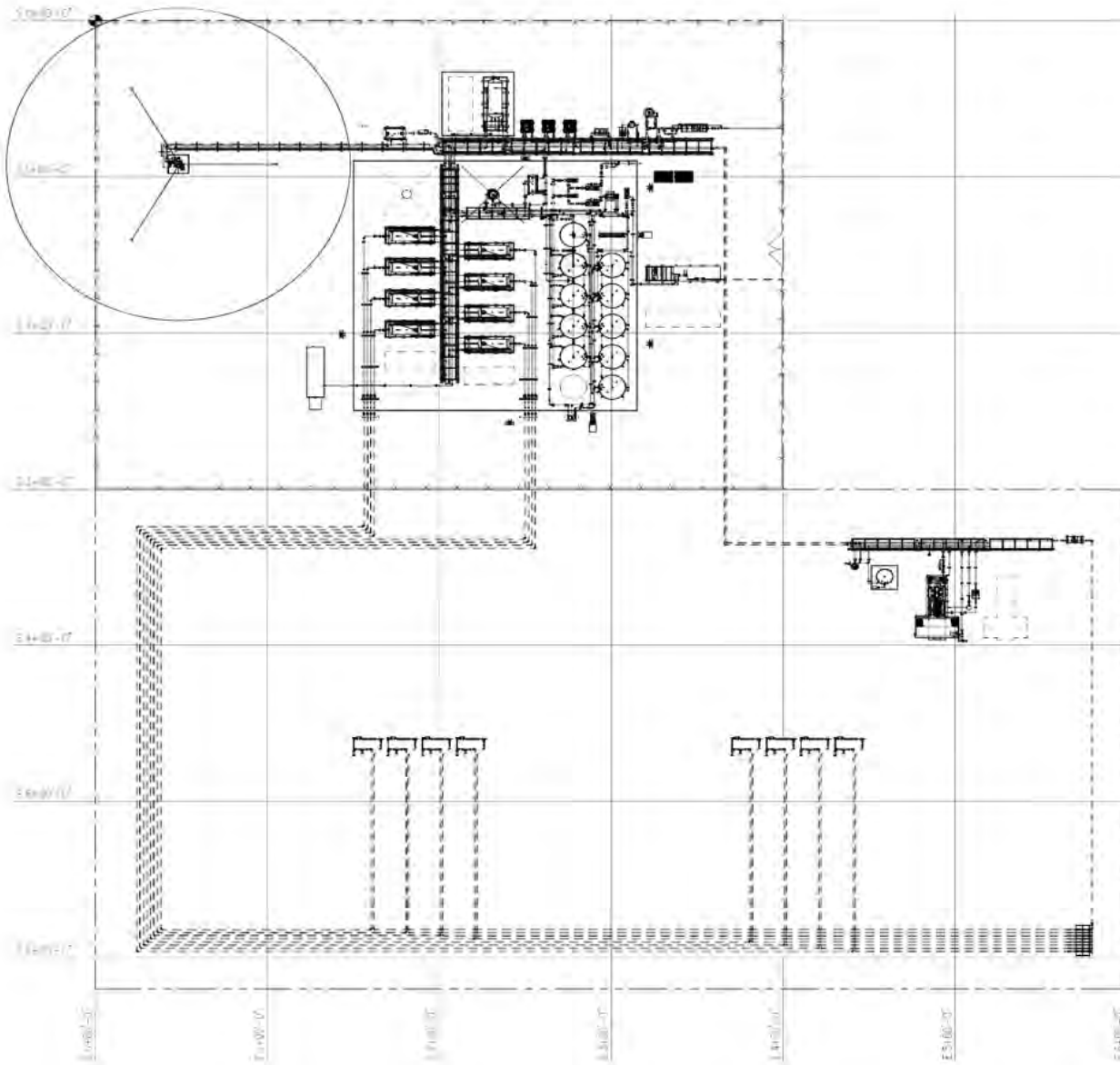
**HALLIBURTON, HOBBS, NM (PERMIAN BASIN)****MAY 2014-DECEMBER 2017****PRODUCTION ENHANCEMENT FIELD ENGINEER (Frac/Acid)**

Provide technical and operational engineering expertise to external customers for maximum hydrocarbon production in both vertical and horizontal wells. Assist in pre-planning, safe job execution, and post-job analysis for maximum well efficiency.

**KEY ACCOMPLISHMENTS:**

- One of the three chosen engineers in all the Permian selected to run Halliburton's new ACM™ procedure.
- Created the GBK Fluid System, Halliburton's only borate fluid system that uses with high-TDS water, resulting in a system that is 2.5 times more cost-effective than the current alternative.
- Promoted in 1 year, during industry downturn.
- Promoted from associate technical professional to current role in 1 year, during industry downturn.
- Collaborated with area technology managers and tech teams in Houston, Duncan, and Brighton.
- Perform numerous lab tests and chemical research in addition to regular job duties.

# PBEX Standard Facility: Allocation

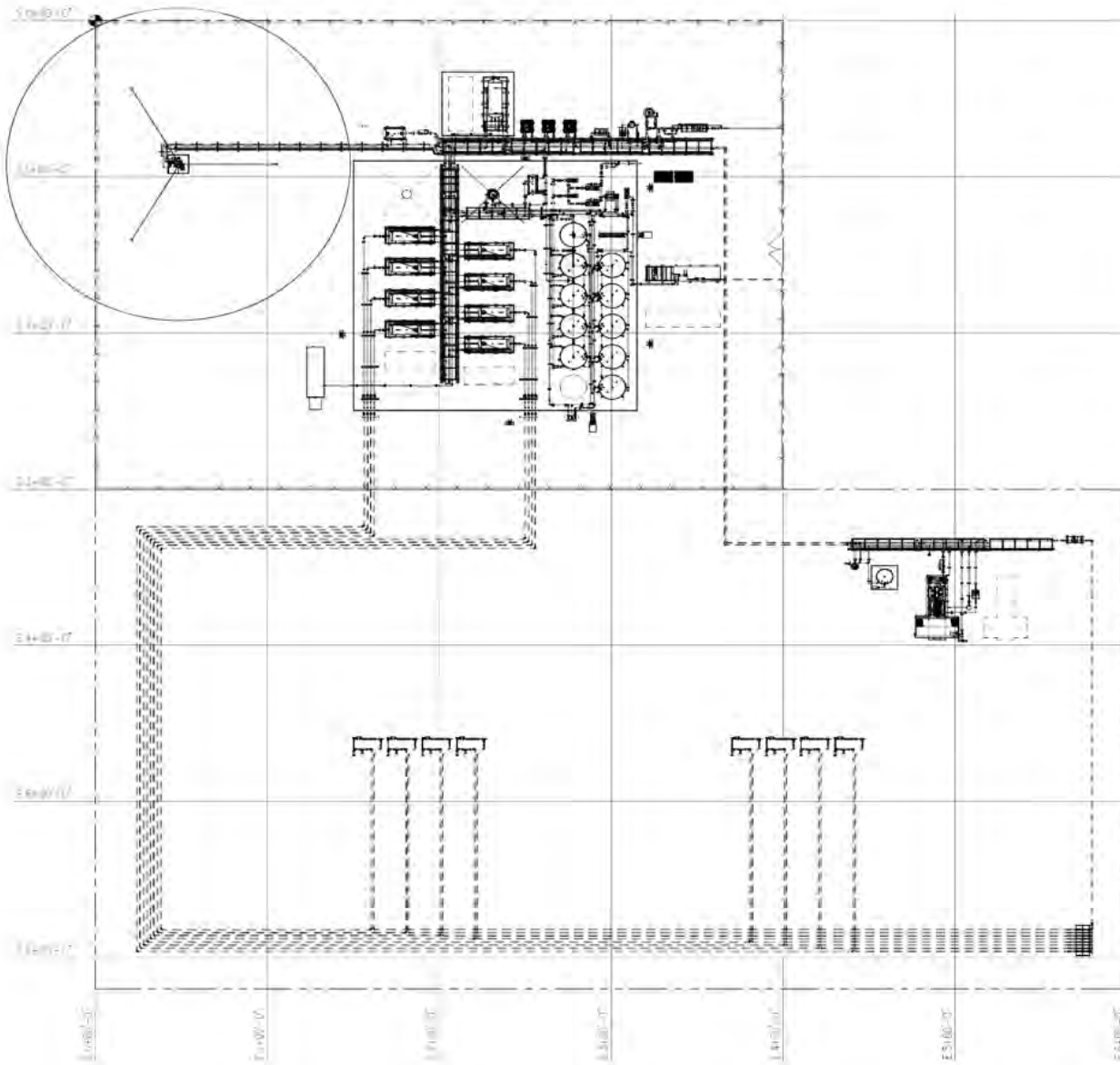


## PBEX Standard Facility

- Wellhead
  - ESD on all wellheads with pressure sensors and HL switches
- Separators
  - Individual separation for all wells
    - Gas Meter
    - Mag Meter (Water)
    - Coriolis Meter (Oil)
- Tanks
  - Multi-phase sensors for oil, water and temperature
- VRU
  - Metered
  - Uptime/Downtime monitored via SCADA
- Flare
  - HP/LP metering
  - Flare volumes monitored via SCADA
- Water Transfer
  - Metered
- Gas
  - Sales check meter
- Oil
  - LACT meter

All PBEX meters are tied into SCADA system for remote monitoring

# PBEX Standard Facility: Regulatory

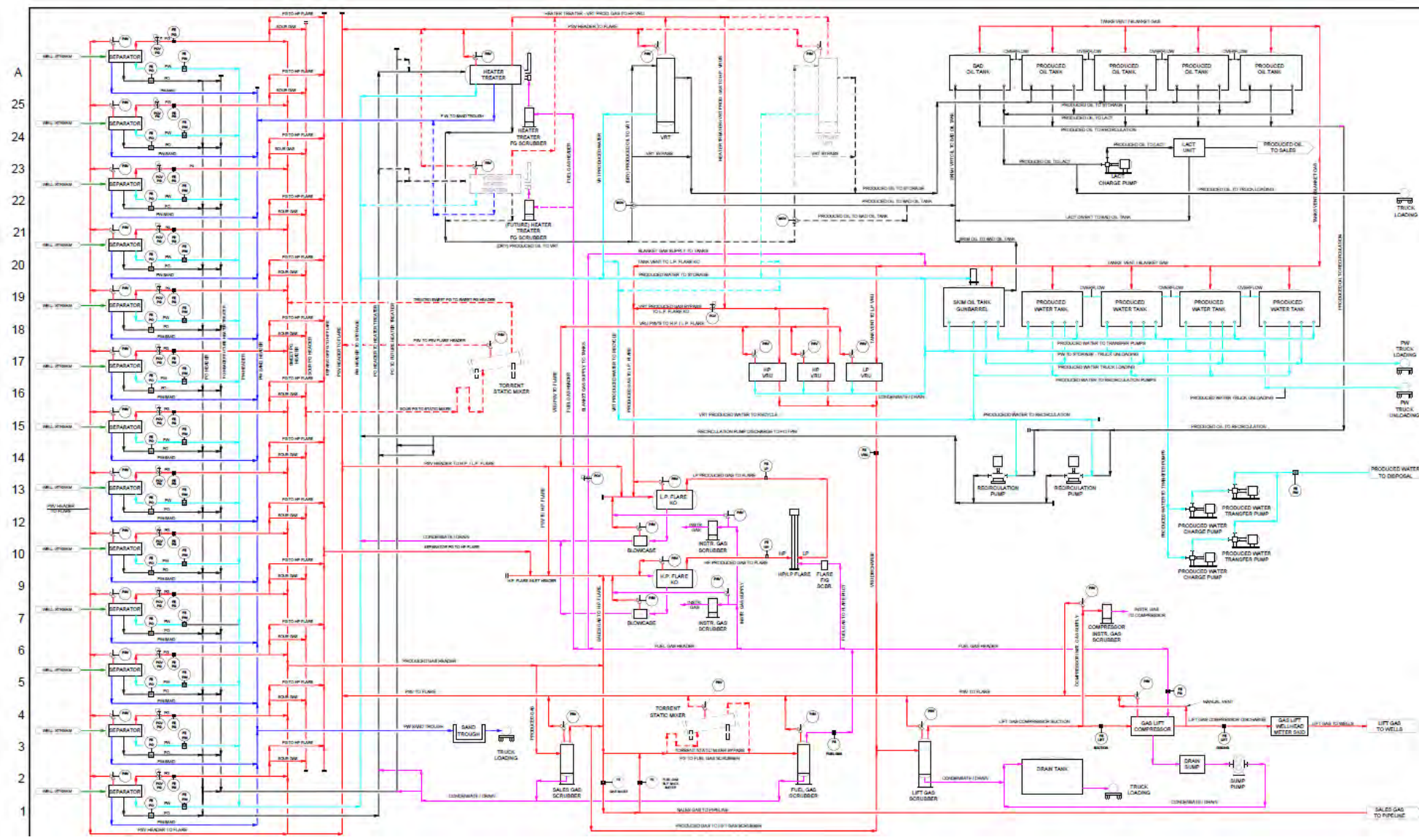


## Regulatory

- Automation is the focus for proper regulatory management
- All facilities are equipped with meters, sensors and alarms to detect leaks at potential emission sources
- Our SCADA system will notify issues immediately for quick resolution
- All VRU's are monitored and uptime recorded
- High Capacity Dual-Tip Flare
  - PBEX installs a LP/HP flare set to control flaring
    - HP flare will only be utilized in emergency events
    - LP flare runs intermittently as facility is set to capture nearly 100% of gas produced.

# STANDARD FACILITY LAYOUT – OPTION 1 – PBEX

- Full flow path diagram



# Dr. Vogel Buildout

- PBEX is currently preparing to award midstream takeaway for the Bond unit.
  - Midstream options contemplate building short laterals from existing assets.
  - Bond facility is approximately 3 miles to the east of proposed Dr. Vogel Facility.
- PBEX plans to utilize same midstream takeaway for Bond and Vogel SE, Vogel N, and Vogel SW
  - Minimizes need for additional infrastructure to be built from further away.
  - Efficient midstream corridor.
  - Preference given to produced water reuse.



- PBEX Unit
- PBEX Development Area



# Reservoir Engineering

## EXHIBIT D

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

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

**CASE 25228**

**APPLICATION OF PBEX OPERATIONS, LLC  
FOR COMPULSORY POOLING AND APPROVAL  
OF AN OVERLAPPING SPACING UNIT,  
EDDY COUNTY AND LEA COUNTY, NEW MEXICO.**

**CASE 25303**

**SELF-AFFIRMED STATEMENT OF HUNTER VICK**

I, Hunter Vick, state and affirm the following:

1. I am over the age of 18, and I have personal knowledge of the matters stated herein.

I am employed as a Reservoir Engineer for PBEX Operations, LLC ("PBEX").

2. I have not previously testified before the New Mexico Oil Conservation Division ("Division") as an expert witness in petroleum engineering matters. A copy of my resume is attached hereto as **PBEX Exhibit D-1**.

3. I am familiar with the applications filed by PBEX in Case 25303. I am also familiar with the case filed by Mewbourne Oil Company ("Mewbourne") in competing Case No. 25228 (referred to as "the competing case").

4. PBEX is the applicant in case 25303. PBEX owns mineral interests in the subject lands and has a right to drill in the spacing units proposed under these cases. PBEX asks that it be named operator of the lands that are the subject matter of its applications in these cases.

5. PBEX has an experienced engineering team. PBEX's team consists of experienced personnel including a drilling engineer, completion engineer, facilities engineer and reservoir

engineers with experience at operators such as SM Energy, Endeavor Energy Resources, and NOVO Oil and Gas. PBEX collectively has ~50 years of experience drilling, completing and producing horizontal wells.

6. PBEX is actively developing wells in the surrounding area. PBEX currently is drilling its Moonraker development located in Township 19 South, Range 33 East, NMPM Lea County, New Mexico, with immediate plans to move to development of the Bond units, located directly east of the Dr. Vogel SW 35-31 Unit.

7. PBEX has also recently drilled wells in New Mexico. The most recent development for PBEX was the Millie Mile development area, located in W/2 of Sections 13 and 24, Township 19 South, Range 33 East, NMPM Lea County, these wells were successfully drilled and completed and are currently producing.

8. As discussed by PBEX's other witnesses, PBEX has proposed development plans for the Dr. Vogel SW 35-31 Unit in Case 25303.

9. In case 25303, PBEX has proposed six initial wells to develop the Dr. Vogel SW 35-31 Unit, targeting the following zones:

- a. Dr. Vogel SW 35-31 Fed Com 104H, targeting the First Bone Spring bench;
- b. Dr. Vogel SW 35-31 Fed Com 105H, targeting the First Bone Spring bench;
- c. Dr. Vogel SW 35-31 Fed Com 106H, targeting the First Bone Spring bench;
- d. Dr. Vogel SW 35-31 Fed Com 207H, targeting the Second Bone Spring bench;
- e. Dr. Vogel SW 35-31 Fed Com 209H, targeting the Second Bone Spring bench; and
- f. Dr. Vogel SW 35-31 Fed Com 211H, targeting the Second Bone Spring bench.

10. PBEX has infill well development plans for the Dr. Vogel N 35-32 Unit, which include:

- a. Dr. Vogel SW 35-31 Fed Com 004H, targeting the Middle Avalon bench;
- b. Dr. Vogel SW 35-31 Fed Com 005H, targeting the Middle Avalon bench;
- c. Dr. Vogel SW 35-31 Fed Com 006H, targeting the Middle Avalon bench;
- d. Dr. Vogel SW 35-31 Fed Com 304H, targeting the Third Bone Spring bench;
- e. Dr. Vogel SW 35-31 Fed Com 305H, targeting the Third Bone Spring bench; and
- f. Dr. Vogel SW 35-31 Fed Com 306H, targeting the Third Bone Spring bench.

11. A diagram showing PBEX's full development plan is attached as **PBEX Exhibit D-2**.

12. As shown in **PBEX Exhibit D-3**, PBEX is proposing to drill an initial 12 wells per section, with full development reaching 24 wells per section. Whereas Mewbourne proposed in Case 25228 to drill 8 wells per section. PBEX is proposing to develop the First Bone Spring and to my knowledge Mewbourne does not have current plans to develop this bench.

13. In Case 25303, PBEX is proposing to drill longer laterals, which more efficiently develops the reservoir and reduces the cost per lateral foot of completed lateral. Dr. Vogel SW 35-31 Unit will be drilled using 2-mile laterals. Whereas Mewbourne has proposed to drill 1.5-mile laterals in the competing case.

14. Drilling longer laterals allows PBEX to develop acreage that Mewbourne will not drill and complete under its proposal because PBEX will be completing acreage that would otherwise not be completed under the Division's setback requirements for horizontal wells. **PBEX Exhibit D-4** shows additional acreage that will be completed under PBEX's development plans, resulting in 200' of additional completed lateral per well, per spacing unit. Collectively this will result in an additional 2,400' of additional completed lateral (12 wells per spacing unit x the

additional 200' of completed acreage per well). This will result in a prevention of waste and greater production for working interest owners.

15. PBEX is proposing to drill at a density of 6 wells per section per bench in each spacing unit. My analysis concludes that this density will result in greater resource recovery. This is demonstrated in **PBEX Exhibit D-5**, which shows the Cutbow Development Area, located in Section 36, Township 19 South, Range 32 East and Section 1 of Township 20 South, Range 32 East, NMPM Lea County, which used 6 well per section per bench spacing that was drilled at the end of 2023 with first production in 2024. This development area is located approximately 7.3 miles from PBEX's proposed spacing unit. The Cutbow wells produced approximately 40% more production per producing unit than units using 4 well per section per bench spacing in the area.

16. In the area where PBEX's proposed units are located, there are also numerous drilled but uncompleted wells that have been drilled at a density of 6 wells per section per bench, showing support for this density plan within the area.

17. PBEX has also obtained support from other operators for this well-density plan. Including operators that have executed Joint Operating Agreements for PBEX's proposed Units, such as ConocoPhillips.

18. I have reviewed the proposal letters and proposed authorizations for expenditure that PBEX has received from Mewbourne for wells that Mewbourne proposes to develop in Case 25228. Mewbourne has proposed to drill 8 wells within its proposed spacing unit.

19. Based on a review of all the AFEs provided for the wells proposed by PBEX and Mewbourne, PBEX's estimated capital expenditure costs to drill its proposed wells are lower per lateral foot of completed lateral than the capital expenditure costs proposed by Mewbourne.

20. **PBEX Exhibit D-6** provides a comparison of capital expenditure costs proposed by Mewbourne and PBEX and illustrates that PBEX will spend less to drill and complete its initial wells targeting the Bone Spring formation on a \$/ft basis. Mewbourne has proposed spending \$995 and \$1,014/ft, while PBEX has proposed spending and \$832 and \$845/ft for the Dr. Vogel SW wells, providing approximately 15% cost savings on a \$/ft basis for Dr. Vogel SW.

21. PBEX owns or will control the largest percentage of working interests in the contested acreage and its correlative rights are best protected by having a low-risk and lower-cost per lateral foot plan for the development of all economic benches.

22. Sections 31 and 32, Township 18 South, Range 32 East, Lea County contain Dunes Sagebrush Lizard (“DSL”) habitat, and it may be infeasible to develop this acreage if PBEX’s applications are not granted.

23. PBEX’s land team investigated surface locations within Section 31 and 32 and discovered that surface disturbances large enough to accommodate a well pad are not allowed. As a result, the minerals underlying Sections 31 and 32 must be developed using surface locations located in other Sections. Costs to drill uncompleted cased lateral from permissible surface locations in neighboring sections are high and would render development of the N/2 of Section 31 and the NW/4 of Section 32 infeasible, resulting in stranded and undeveloped acreage.

24. In addition to researching surface locations, PBEX has engaged in a number of activities to prepare development for both of its proposed units. It has two 1500 hp drilling rigs capable of drilling 3-mile developments under contract. Both rigs are active in the Permian Basin, and one is currently drilling in the area. Additionally, we have Oil Country Tubular Goods (OCTG) committed into Q4 of 2025, providing drill pipe, casing and tubing, and are extending that commitment as needed to stay ahead of the rig lines.

25. In my opinion, PBEX's development plans will prevent waste and protect correlative rights because PBEX is drilling longer laterals, allowing it to complete acreage that will not and cannot be developed under Mewbourne's proposal. It is proposing to develop the First Bone Spring, which Mewbourne has not yet proposed to drill. PBEX is financially encouraged to optimize development due to its significant ownership in the proposed spacing units.

26. Granting PBEX's applications will avoid increased risk of stranding acreage and help prevent unnecessary surface disturbances in habitat areas for species listed pursuant to the Endangered Species Act.

27. PBEX also proposes the lower cost option for development.

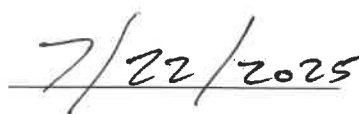
28. Therefore, it is my opinion that PBEX is a prudent operator that can efficiently and prudently operate the property in a manner that best protects correlative rights and prevents waste.

29. The exhibits to my affidavit were prepared by me or under my direction.

30. Pursuant to Rule 1-011 NMRA, I declare and affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct to the best of my knowledge and belief.



Hunter Vick



Date

## EXHIBIT D-1

## Hunter C. Vick

Hunter@pbex.com

**Education**

|             |                                                                                                                                                                                      |                   |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 2017 – 2019 | <b>UNIVERSITY OF OKLAHOMA, PRICE COLLEGE OF BUSINESS<br/>GENE RAINBOLT GRADUATE SCHOOL OF BUSINESS</b>                                                                               | <b>NORMAN, OK</b> |
|             | Candidate for Master of Business Administration degree, May 2019. GMAT 710.<br>Energy concentration. Price College MBA scholarship recipient. Study Abroad in Hong Kong and Vietnam. |                   |
| 2014 – 2019 | <b>UNIVERSITY OF OKLAHOMA, MEWBOURNE COLLEGE OF EARTH AND ENERGY</b>                                                                                                                 | <b>NORMAN, OK</b> |
|             | Petroleum Engineering. National Merit Scholar, Deans Honor Roll, Phyllis and Tom McCasland Jr. endowed scholarship recipient. Study Abroad in Romania.                               |                   |
|             | <b>Overall GPA 3.56</b>                                                                                                                                                              |                   |

**Experience**

Jan 2025 – Current

**PBEX, LLC****Midland, TX****Business Development – Technical Lead**

- Responsible for managing all A&D technical efforts including trades, acquisitions and strategic partnership opportunities.
- Direct integrated subsurface assessments, including reservoir characterization, geologic mapping and competitor analysis to support commercial valuations
- Coordinate due diligence activities, data room evaluations, and post-acquisition technical integration with internal and external stakeholders
- Develop decision-support materials and present technical findings to executive leadership
- Support negotiation strategy with data-driven insights and technical justifications

Jan 2020 – Dec 2024

**PBEX, LLC****Midland, TX****Reservoir Engineer**

- Analyze reservoir performance, production data, and decline trends to estimate recoverable reserves and forecast production
- Responsible for generating and reporting reserves for current inventories in multiple different entities across multiple Basins including the Permian, Stack, Scoop and Marcellus.
- Create development strategies of current inventories, taking into account spacing, timing, and available capital.
- Aided in development planning on projects with outside partners working through disagreements between partners through data presentations and discussions.
- Responsible for underwriting all A&D activities including trades, acquisitions and divestitures.

July – Dec 2019

**Halliburton Energy Services****Midland, TX****Frac Engineer**

- Learned in the field experience on completion operations for multiple different operators, understanding the requirements to meet safety and job standards.
- Experienced day-to-day activities of how to complete a well, from the layout to the execution of the job.
- Successfully Completed Equipment Phase of 3 Phase learning Program, learning all of the equipment necessary on location, their functions, and specifics of their capacities and sizes. Subsequently giving a presentation and Q&A to defend my understanding.

---

**PROFESSIONAL AFFILIATIONS/VOLUNTEER WORK**

- |                                                              |                     |
|--------------------------------------------------------------|---------------------|
| ▪ <b>MEMBER, SOCIETY OF PETROLEUM ENGINEERS, HOUSTON, TX</b> | <b>2011-PRESENT</b> |
| ▪ <b>MEMBER, YOUNG PROFESSIONAL ENGINEERS, MIDLAND, TX</b>   | <b>2018-PRESENT</b> |
| ▪ <b>YOUNG LIFE MINISTRY, MIDLAND, TX</b>                    | <b>2018-PRESENT</b> |
| ○ <b>VOLUNTEER</b>                                           | <b>2018-PRESENT</b> |
| ○ <b>COMMITTEE</b>                                           | <b>2019-PRESENT</b> |
| ▪ <b>HABITAT FOR HUMANITY, MIDLAND, TX</b>                   | <b>2021-PRESENT</b> |
| ○ <b>Team Captain/Volunteer</b>                              |                     |
| ▪ <b>YMCA: CORPORATE CUP, MIDLAND, TX</b>                    | <b>2023-PRESENT</b> |
| ○ <b>COMMITTEE/COMPANY REPRESENTATIVE/PARTICIPANT</b>        |                     |
| ▪ <b>MAKE-A-WISH, MIDLAND, TX</b>                            | <b>2022-PRESENT</b> |
| ○ <b>VOLUNTEER: Jaasiel-Trip to Miami</b>                    |                     |

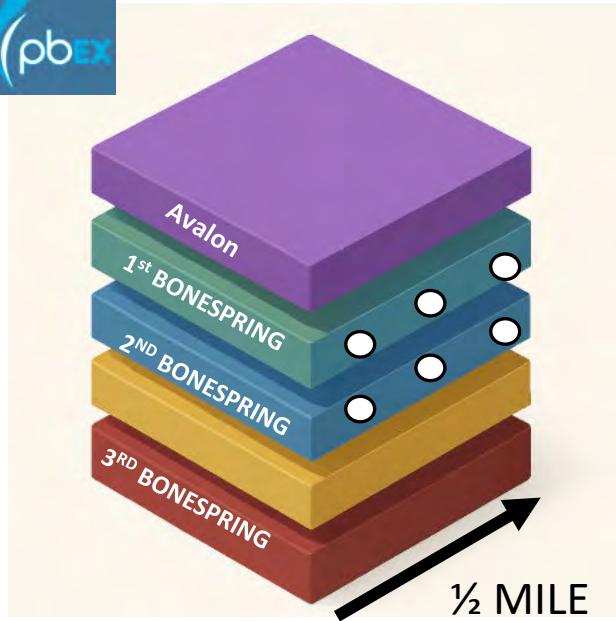
# Dr. Vogel N GB – For Case 25301



# Dr. Vogel SW GB – For Case 25303



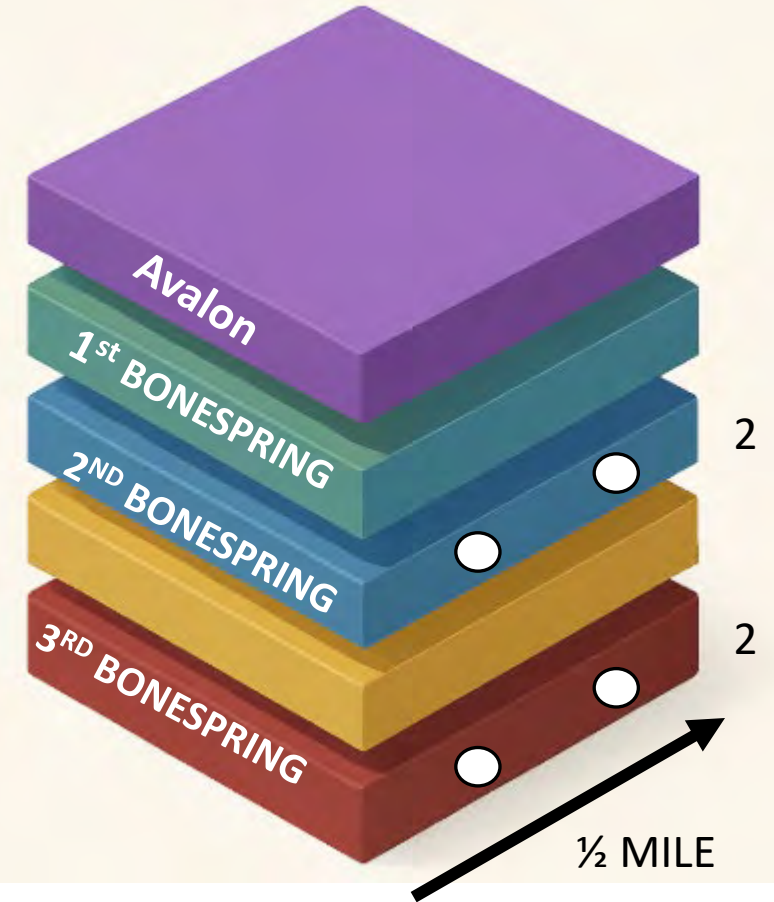
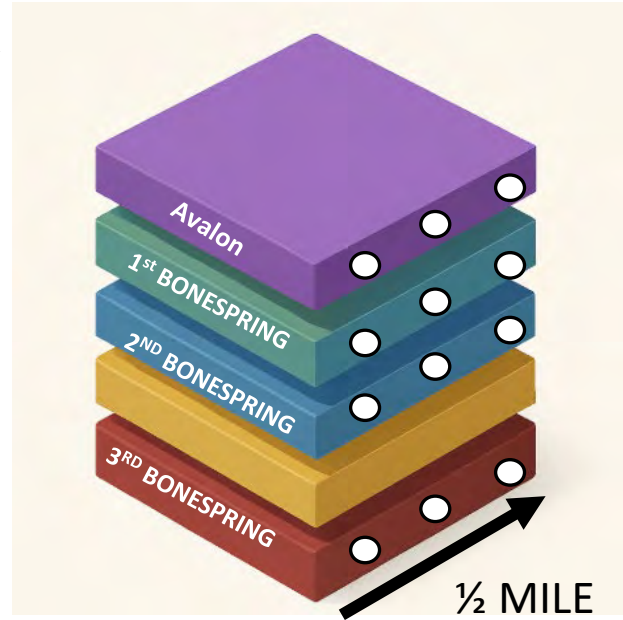
# Operator Development Density Comparison



Proposed – Initial 12 wells per section

PBEX will drill 6 wells per section in each case: 25301 and 25303

Full Development 24 wells per section

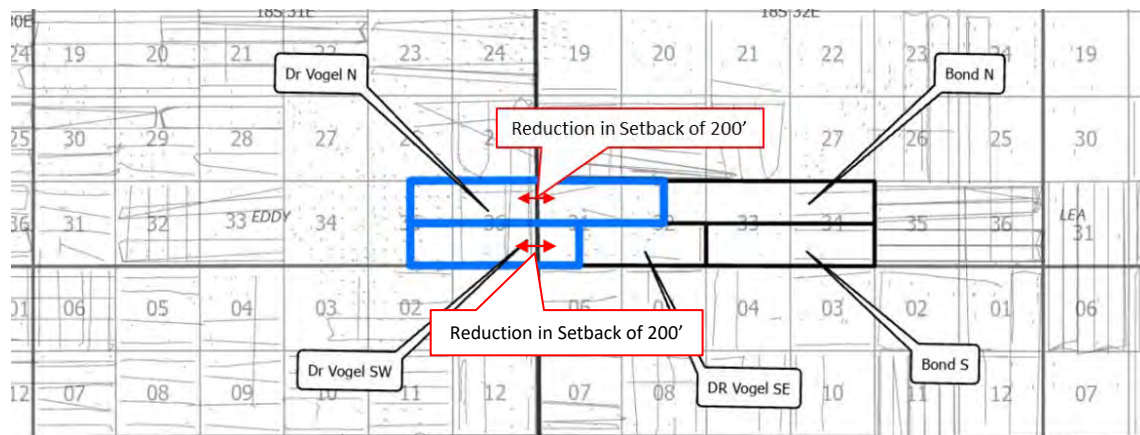


Proposed - Mewbourne 8 wells per section

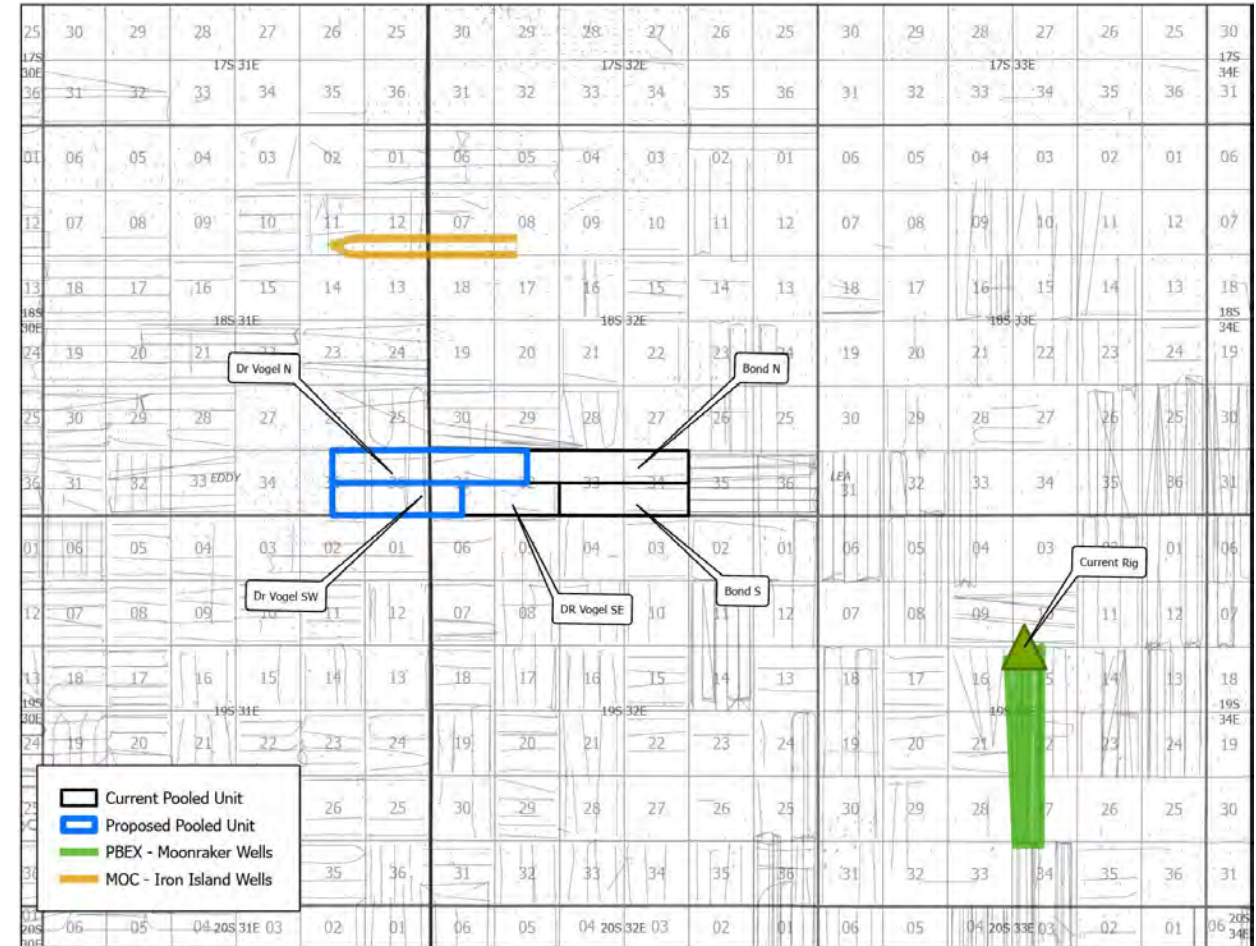
# Extended Laterals Are Executable and Reduce Surface Use

PBEX believes optimal development occurs by maximizing resource development and minimizing surface disturbance. We believe that occurs through development by extended laterals. An additional benefit to extended laterals are the reduction in amount of setback. In this instance developing with a 3 mile unit instead of a 1.5 mile unit results in a reduction of 200' of setback due to those requirements, resulting in more resource getting developed. With Mewbourne having current extended laterals and PBEX actively developing a 3 mile unit (Moonraker), PBEX believes it is executable, prudent and optimal to develop with extended laterals.

Map Representing Reduction in Setback resulting in Increased Stimulated Lateral

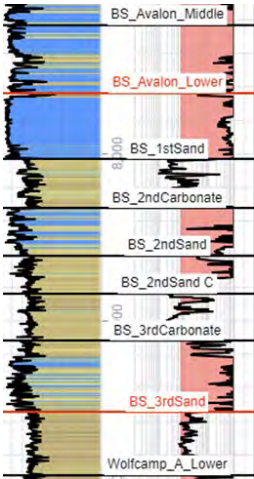
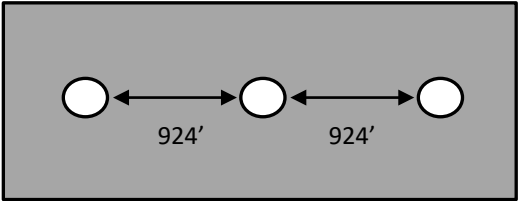


Locator Map showing extended lateral development in AOI

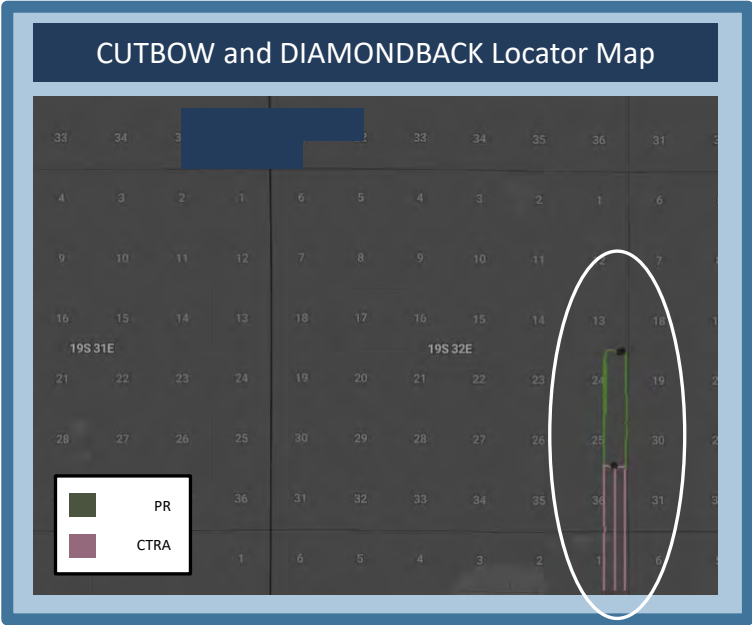
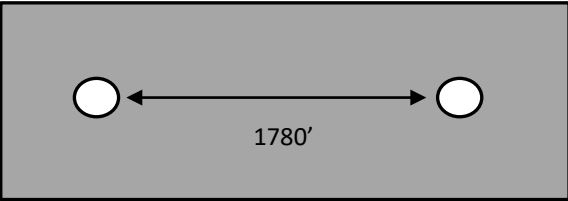


# Density Does Capture More Incremental Resource – Coterra and PR 1BSS

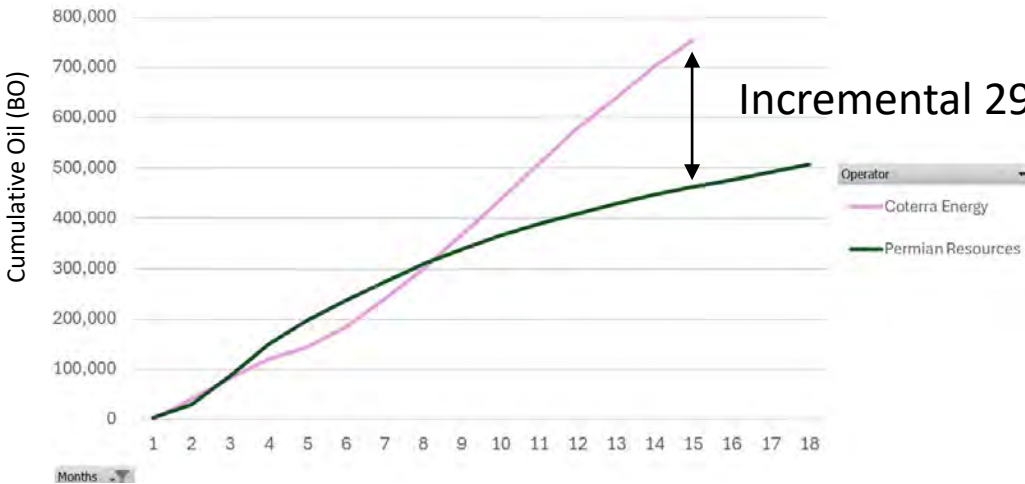
Coterra - Cutbow E/2 1BS



PR - Diamondback 1BS

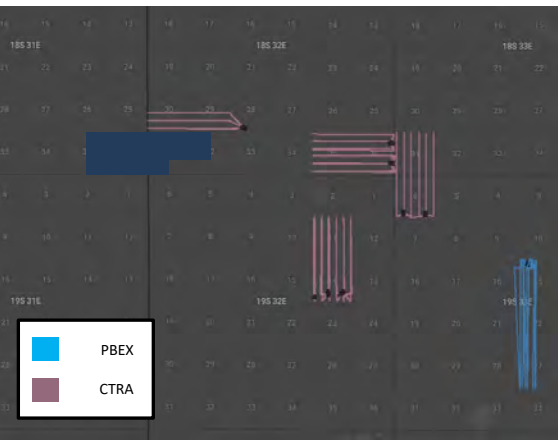


Cumulative Unit Production



The Cutbow development in the AOI at denser 6 WPS when compared to a 3 WPS development (1780') recovered 290 MBO or 40% more oil at month 15.

Proximal Dense PDP, Permits and DUCs



# PBEX a Low Cost operator with an Experienced Team

## PBEX is prepared to Execute

PBEX has all necessary aspects in order to execute on development. PBEX has two 1500 hp drilling rigs capable of drilling 3 mile developments under contract, both in the Permian Basing with one currently in the area drilling the Moonraker pad. Additionally, we have OCTG committed into Q4 of 2025 and are extending that commitment as needed to stay ahead of the rig lines. We currently use Frac fleets spot or as needed.

## PBEX Operations Team

Team consisting of  
Drilling - +20 yrs engineering(individual) – +15 years Permian focused drilling

Completions - +15 yrs engineering(individual) – 8 years focused on Delaware with over 100 horizontal wells completed

Facilities – 10-25 yrs engineering(individual)

## Cost/Lateral Foot Comparison

| Operator          | Zone | \$/ft   | Lateral Length |
|-------------------|------|---------|----------------|
| PBEX DR. VOGEL N  | 1BSS | \$692   | 16,340         |
| PBEX DR. VOGEL SW | 1BSS | \$832   | 11,060         |
| PBEX DR. VOGEL N  | 2BSS | \$701   | 16,340         |
| PBEX DR. VOGEL SW | 2BSS | \$845   | 11,060         |
| MEWBOUNE          | 2BSS | \$995   | 7,436          |
| MEWBOUNE          | 3BSS | \$1,014 | 7,396          |

The graph above represents PBEX's \$/ft costs and MOC's \$/ft. When comparing the 2BS proposals, PBEX shows a 15% lower cost/ft on the Dr. Vogel SW proposals and a 30% reduction when comparing MOC's 2BS proposals to PBEX's Dr. Vogel N 2BS proposals.

## EXHIBIT E

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

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

**CASE 25228**

**APPLICATION OF PBEX OPERATIONS, LLC  
FOR COMPULSORY POOLING AND APPROVAL  
OF AN OVERLAPPING SPACING UNIT,  
EDDY COUNTY AND LEA COUNTY, NEW MEXICO.**

**CASE 25303**

**SELF-AFFIRMED STATEMENT OF  
JENNIFER BRADFUTE**

1. I am the attorney in fact and authorized representative of for PBEX Operations, LLC ("PBEX"), in the above-referenced case.
2. I am familiar with the Notice Letter attached as **PBEX Exhibit E-1** and caused the Notice Letter, along with the Applications in the case, to be sent to the parties set out in the chart attached as **PBEX Exhibit E-2**. I sent an earlier notice letter for Cases 25301, 25302 and 25303 on April 15, 2025. However, I discovered a typo graphical error in notice letter on July 1, 2025 and I sent a revised notice letter on July 3, 2025.
3. Exhibit E-2 also provides the date the Notice Letters were sent and the date the Notice Letters were delivered via certified mail return receipt electronic services through the United States Post Office.
4. Copies confirming proof of mailing and certified mail receipt/tracking information from the United State Post Office are attached as **PBEX Exhibit E-3**.
5. On April 24, 2025, I caused a notice to be published to all interested parties in

the Hobbs News Sun. Affidavits of publication from the Hobbs New Sun, along with a copy of the notice publication is attached as **PBEX Exhibit E-4**.

6. I understand this Self-Affirmed Statement will be used as written testimony in the subject cases. I affirm that my testimony above is true and correct, and it is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date next to my signature below.

BY:

A handwritten signature in black ink, appearing to be "J. R. Smith" or similar, written over a horizontal line.

DATE: 7/22/2025

11957733 1.2-20

**EXHIBIT E-1**

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

**APPLICATIONS OF PBEX OPERATIONS, LLC  
FOR COMPULSORY POOLING AND APPROVAL  
OF AN OVERLAPPING SPACING UNIT, EDDY  
COUNTY AND LEA COUNTY, NEW MEXICO.**

**CASE NOs. 25301, 25303**

DATE: July 3, 2025

TO: AFFECTED PARTIES

This letter is to advise you that PBEX Operations, LLC ("PBEX") has filed the enclosed applications for:

Case 25301, Application of PBEX Operations, LLC for Compulsory Pooling and Approval of an Overlapping Spacing Unit, Eddy County and Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling a standard 960 acre, more or less, horizontal well spacing unit in the Bone Spring formation comprised of NE/4 of Section 35 and the N/2 of Section 36, Township 18 South, Range 31 East, NMPM, Eddy County, New Mexico and the N/2 of Section 31 and NW/4 of Section 32, Township 18 South, Range 32 East, NMPM, Lea County, New Mexico initially dedicated to the proposed Dr. Vogel N 35-32 Fed Com 101H, 102H, 103H, and the Dr. Vogel N 35-23 Fed Com 201H, 203H, and 205H wells to be horizontally drilled as follows:

- Dr. Vogel N 35-32 Fed Com 101H, which will be drilled from a surface hole location the NE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 330' from the North Line and 2540' from the West Line of Section 32 (Unit C), Township 18 South, Range 32 East, in Lea County, New Mexico.
- Dr. Vogel N 35-32 Fed Com 102H, which will be drilled from a surface hole location the NE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 1254' from the North Line and 2540' from the West Line of Section 32 (Unit C), Township 18 South, Range 32 East, in Lea County, New Mexico.
- Dr. Vogel N 35-32 Fed Com 103H, which will be drilled from a surface hole location the NE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 2200' from the North Line and 2540' from the West Line of Section 32 (Unit F), Township 18 South, Range 32 East, in Lea County, New Mexico.

11967733 3-20

- Dr. Vogel N 35-32 Fed Com 201H, which will be drilled from a surface hole location the NE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 330' from the North Line and 2540' from the West Line of Section 32 (Unit C), Township 18 South, Range 32 East, in Lea County, New Mexico.
- Dr. Vogel N 35-32 Fed Com 203H, which will be drilled from a surface hole location the NE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 1254' from the North Line and 2540' from the West Line of Section 32 (Unit C), Township 18 South, Range 32 East, in Lea County, New Mexico.
- Dr. Vogel N 35-32 Fed Com 205H, which will be drilled from a surface hole location the NE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 2200' from the North Line and 2540' from the West Line of Section 32 (Unit F), Township 18 South, Range 32 East, in Lea County, New Mexico.

The spacing unit for these wells will overlap with the spacing units for the: Nervous Horz Com #2H (API No. 30-015-37143) in the E/2 E/2 of Section 36, Township 18 South, Range 31 East; Nervous Horz Com #4H (API No. 30-015-37146) in the W/2 W/2 of Section 36, Township 18 South, Range 31 East; Nervous Horz Com #3H (API No. 30-015-37145) in the W/2 E/2 of Section 36, Township 18 South, Range 31 East; EGL Fed #1 (API No. 30-025-35690) in the NE/NE of Section 31, Township 18 South, Range 32 East; LPC 31 Fed #3 (API No. 30-025-37859) in the SENW of Section 31, Township 18 South, Range 32 East; Hulkster #1 (API No. 30-025-38446) in the NWNE of Section 36, Township 18 South, Range 21 East; N Lusk 32 St #1 (API No. 30-025-35747) in the NENW of Section 36 in Township 18 South, Range 21 East; SDL Fed Com #1H (API No. 30-025-39537) in the N2NW and NWNE of Section 31, Township 18 South, Range 32 East; LPC 31 Fed #4 (API No. 30-025-38109) in the SWNW of Section 31, Township 18 South, Range 32 East; LPC 31 Fed #2 (API No. 30-025-37857) in the SWNE of Section 31, Township 18 South, Range 32 East; Hulkster #2 (API No. 30-025-38844) in the SWNW of Section 32 in Township 18 South, Range 32 East; Watkins 32 St #1 (API No. 30-025-31735) in the SENW of Section 32, Township 18 South, Range 32 East. Applicant requests approval of the overlapping spacing unit. 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 PBEX Operations, LLC as operator of the wells, and a 200% charge for risk involved in drilling said wells. The subject area is located approximately 30.4 miles Northeast of Carlsbad, New Mexico.

110677331 4-20

**Case 25303**, Application of PBEX Operations, LLC for Compulsory Pooling and Approval of an Overlapping Spacing Unit, Eddy County and Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling a standard 642.79 acre, more or less, horizontal well spacing unit in the Bone Spring formation comprised of the SE/4 of Section 35 and the S/2 of Section 36, Township 18 South, Range 31 East, NMPM, Eddy County, New Mexico and lots 3-4, E/2 SW/4 of Section 31, Township 18 South, Range 32 East, NMPM, Lea County, New Mexico initially dedicated to the proposed Dr. Vogel SW 35-31 Fed Com 104H, 105H, 106H, and the Dr. Vogel SW 35-31 Fed Com 207H, 209H, and 211H wells to be horizontally drilled as follows:

- Dr. Vogel SW 35-31 Fed Com 104H, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 2230' from the South Line and 2540' from the West Line of Section 31 (Unit K), Township 18 South, Range 32 East, in Lea County, New Mexico.
- Dr. Vogel SW 35-31 Fed Com 105H, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 1254' from the South Line and 2540' from the West Line of Section 31 (Unit N), Township 18 South, Range 32 East, in Lea County, New Mexico.
- Dr. Vogel SW 35-31 Fed Com 106H, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 330' from the South Line and 2540' from the West Line of Section 31 (Unit N), Township 18 South, Range 32 East, in Lea County, New Mexico.
- Dr. Vogel SW 35-31 Fed Com 207H, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 2230' from the South Line and 2540' from the West Line of Section 31 (Unit K), Township 18 South, Range 32 East, in Lea County, New Mexico.
- Dr. Vogel SW 35-31 Fed Com 209H, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 1254' from the South Line and 2540' from the West Line of Section 31 (Unit N), Township 18 South, Range 32 East, in Lea County, New Mexico.
- Dr. Vogel SW 35-31 Fed Com 211H, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 330' from the South Line and 2540' from the West Line of Section 31 (Unit N), Township 18 South, Range 32 East, in Lea County, New Mexico.

The spacing unit for these wells will overlap with the spacing units for the: Nervous Horz Com #2H (API No. 30-015-37143) in the E/2 E/2 of Section 36, Township 18 South, Range 31 East; Nervous Horz Com #4H (API No. 30-015-37146) in the W/2 W/2 of Section 36, Township 18 South, Range 31 East; Nervous Horz Com #3H (API No. 30-015-37145) in the W/2 E/2 of Section 36, Township 18 South, Range 31 East; Lusk 31 Fed #2 (API No. 30-025-39079) in the NESW of Section 31, Township 18 South, Range 32 East; Eddy JP St Com #1 (API No. 30-015-23504) in the SESW of Section 36, Township 18 South, Range 31 East. Applicant requests approval of the overlapping spacing unit. 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 PBEX Operations, LLC as operator of the wells, and a 200% charge for risk involved in drilling said wells. The subject area is located approximately 30.1 miles Northeast of Carlsbad, New Mexico.

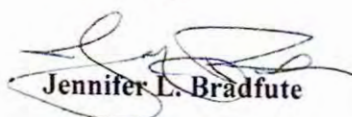
The hearing will be conducted in a hybrid fashion, both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1<sup>st</sup> Floor, Santa Fe, NM 87505 and via the Webex virtual meeting platform on July 29, 2025..

To participate in the electronic hearing, see the instruction posted on the docket for the hearing date: <https://www.emnrd.nm.gov/ocd/hearing-info/>.

As a party who may be affected by this application, we are notifying you of your right to appear at the hearing and participate in the case, including the right to present evidence either in support of or in opposition to the applications. Failure to appear at the hearing may preclude you from any involvement in the case at a later date.

You are further notified that if you desire to appear in the case, then you are requested to file a Pre-Hearing Statement with the Division at least four business days in advance of a scheduled hearing before the Division or the Commission, but in no event later than 5:00 p.m. mountain time, four business days preceding the scheduled hearing date, with a copy delivered to the undersigned.

Sincerely,



Jennifer L. Bradfute

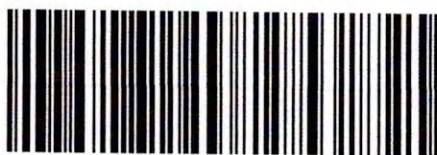
**Bradfute Sayer P.C.**  
P.O. Box 90233  
Albuquerque, NM 87199  
Phone 505.264.8740  
[jennifer@bradfutelaw.com](mailto:jennifer@bradfutelaw.com)

## Exhibit E-2

| Interest Type                                                        | Name & Address                                                                              | Date Mailed | Date Delivered | Certified Mailing Number |      |      |    |
|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|----------------|--------------------------|------|------|----|
| <b>Overlapping Operator</b>                                          | COG Operating LLC, 600 W. Illinois Ave, Midland, TX 79701                                   | 7/3/2025    | 7/11/2025      | 921489014298             | 0421 | 8267 | 9  |
| <b>Working Interest, Case 25303</b>                                  | Cibolo Resources, 3600 Bee Cave Rd, Suite 216 West Lake Hills TX 78746                      | 7/3/2025    | 7/7/2025       | 921489014298             | 0429 | 8271 | 33 |
| <b>Working Interest, Case 25303</b>                                  | Mewbourne Oil Company 500 W. Texas Ave. Suite 1020, Midland TX 79701                        | 7/3/2025    | 7/8/2025       | 921489014298             | 0432 | 8273 | 24 |
| <b>Working Interest, Case 25303</b>                                  | Pride Energy Company 4641 E. 91 St Tulsa, OK 74137                                          | 7/3/2025    | 7/7/2025       | 921489014298             | 0433 | 8274 | 9  |
| <b>Working Interest, Case 25303</b>                                  | SITL Energy LLC 308 N. Colorado, Suite 200 Midland, TX 79701                                | 7/3/2025    | 7/7/2025       | 921489014298             | 0434 | 8274 | 54 |
| <b>Working Interest, Case 25303</b>                                  | RR Resources, Ltd., 308 N. Colorado, Suite 200, Midland TX 79701                            | 7/3/2025    | 7/7/2025       | 921489014298             | 0435 | 8274 | 47 |
| <b>Working Interest Owner, Case 25303 &amp; Overlapping Operator</b> | MRC Delaware Resources, LLC and Matador Production Company, 4641 E. 91st St. Tulsa OK 74137 | 7/3/2025    | 7/7/2025       | 921489014298             | 0436 | 8273 | 48 |
| <b>Working Interest, Case 25303</b>                                  | Mosiac Resources LLC Attn: Ric Bell, 1361 Potash Mines Rd, Carlsbad, NM 88220               | 7/3/2025    | In-Transit     | 921489014298             | 0437 | 8273 | 31 |
| <b>Lessor</b>                                                        | BLM, 301 Dinosaur Trl, Santa Fe, NM 87508                                                   | 7/3/2024    | 7/7/2025       | 921489014298             | 0438 | 8278 | 67 |
| <b>Lessor</b>                                                        | New Mexico State Land Office PO Box 1148 Santa Fe, NM 87504                                 | 7/3/2024    | 7/7/2025       | 921489014298             | 0439 | 8278 | 81 |

## EXHIBIT E-3

USPS CERTIFIED MAIL



9214 8901 4298 0421 8267 09

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Bradfute Consulting & Legal Services  
PO Box 90233  
Albuquerque NM 87199



0011967733000851  
COG Operating LLC  
600 W. Illinois Ave  
Midland TX 79701

ALERT: SEVERE WEATHER AND FLOODING IN THE SOUTHEAST, VIRGINIA, AND THE NORTHE...

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Delivered, Individual Picked Up at Postal Facility

MIDLAND, TX 79701

July 11, 2025, 7:48 am

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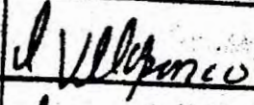


Date Produced: 07/14/2025

LETTERSTREAM:

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Signature of Recipient :

|              |                                                                                   |
|--------------|-----------------------------------------------------------------------------------|
| Signature    |  |
| Printed Name | Isaac Villafra                                                                    |

Address of Recipient :

|                  |                |
|------------------|----------------|
| Delivery Address | 400 W Illinois |
|------------------|----------------|

Thank you for selecting the Postal Service for your mailing needs. If you require additional assistance, please contact your local post office or Postal Service representative.

Sincerely,  
United States Postal Service

USPS CERTIFIED MAIL



9214 8901 4298 0421 8271 33

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Bradfute Consulting & Legal Services  
PO Box 90233  
Albuquerque NM 87199



0011967733000420  
Cibolo Resources  
3600 Bee Cave Rd, Suite 216  
West Lake Hills TX 78746

11967733.1.1-20

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Delivered, Left with Individual

AUSTIN, TX 78746

July 7, 2025, 11:55 am

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Feedback

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- USPS Tracking Plus®
- Product Information

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Date Produced: 07/14/2025

LETTERSTREAM:

The following is the delivery information for Certified Mail™/RRE item number 9214 8901 4298 0421 8271 33. Our records indicate that this item was delivered on 07/07/2025 at 11:55 a.m. in AUSTIN, TX 78746. The scanned image of the recipient information is provided below.

Signature of Recipient :

Two handwritten signatures in black ink. The top signature is a cursive-style name, and the bottom signature is a more stylized, blocky cursive name.

Address of Recipient :

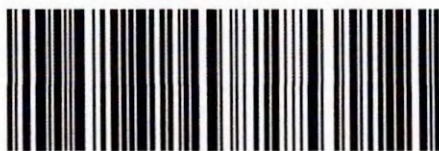
Handwritten address in black ink: "3600 Bel Can".

Thank you for selecting the Postal Service for your mailing needs. If you require additional assistance, please contact your local post office or Postal Service representative.

Sincerely,  
United States Postal Service

11967733 1-1-20

**USPS CERTIFIED MAIL**



**9214 8901 4298 0421 8273 24**

***CERTIFIED MAIL***

Bradfute Consulting & Legal Services  
PO Box 90233  
Albuquerque NM 87199



0011967733000230  
Mewbourne Oil Company  
500 W. Texas Ave, Suite 1020  
Midland TX 79701

ALERT: SEVERE WEATHER AND FLOODING IN THE SOUTHEAST, VIRGINIA, AND THE NORTHE...

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9214890142980421827324

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Latest Update

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**Delivered, Front Desk/Reception/Mail Room**  
MIDLAND, TX 79701  
July 8, 2025, 4:39 pm  
  
[See All Tracking History](#)

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|                           |   |
|---------------------------|---|
| Text & Email Updates      | ▼ |
| Return Receipt Electronic | ▼ |
| USPS Tracking Plus®       | ▼ |
| Product Information       | ▼ |

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Date Produced: 07/14/2025

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Signature of Recipient :

*I Burton*

Address of Recipient :

*414 Texas*

Thank you for selecting the Postal Service for your mailing needs. If you require additional assistance, please contact your local post office or Postal Service representative.

Sincerely,  
United States Postal Service

USPS CERTIFIED MAIL



9214 8901 4298 0421 8274 09

***CERTIFIED MAIL***

Bradfute Consulting & Legal Services  
PO Box 90233  
Albuquerque NM 87199



0011967733000150  
Pride Energy Company  
4641 E. 91st St  
Tulsa OK 74137

11967733 1.1-20

ALERT: SEVERE WEATHER AND FLOODING IN THE SOUTHEAST, VIRGINIA, AND THE NORTHE...

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Tracking Number:

9214890142980421827409

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Latest Update

Your item was delivered to the front desk, reception area, or mail room at 12:13 pm on July 7, 2025 in TULSA, OK 74137.

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**Delivered**  
Delivered, Front Desk/Reception/Mail Room  
TULSA, OK 74137  
July 7, 2025, 12:13 pm  
  
See All Tracking History

[What Do USPS Tracking Statuses Mean?](https://faq.usps.com/s/article/Where-is-my-package) (<https://faq.usps.com/s/article/Where-is-my-package>)

- Text & Email Updates
- Return Receipt Electronic
- USPS Tracking Plus®
- Product Information

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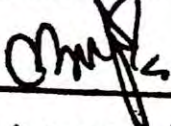


Date Produced: 07/14/2025

LETTERSTREAM:

The following is the delivery information for Certified Mail™/RRE item number 9214 8901 4298 0421 8274 09. Our records indicate that this item was delivered on 07/07/2025 at 12:13 p.m. in TULSA, OK 74137. The scanned image of the recipient information is provided below.

Signature of Recipient :

  
Mary Kim

Address of Recipient :

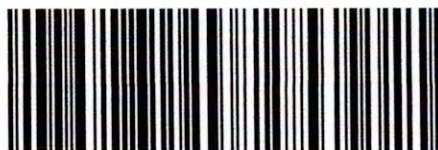
4641 E 9th St

Thank you for selecting the Postal Service for your mailing needs. If you require additional assistance, please contact your local post office or Postal Service representative.

Sincerely,  
United States Postal Service

11967733.1 1-20

**USPS CERTIFIED MAIL**



**9214 8901 4298 0421 8274 54**

***CERTIFIED MAIL***

Bradfute Consulting & Legal Services  
PO Box 90233  
Albuquerque NM 87199



0011967733000100  
SITL Energy LLC  
308 N. Colorado, Suite 200  
Midland TX 79701

ALERT: SEVERE WEATHER AND FLOODING IN THE SOUTHEAST, VIRGINIA, AND THE NORTHE...

USPS Tracking®

FAQs >

Tracking Number:

Remove X

9214890142980421827454

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Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item was delivered to an individual at the address at 1:24 pm on July 7, 2025 in MIDLAND, TX 79701.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, Left with Individual

MIDLAND, TX 79701

July 7, 2025, 1:24 pm

See All Tracking History

What Do USPS Tracking Statuses Mean? (<https://faq.usps.com/s/article/Where-is-my-package>)

|                           |   |
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| Text & Email Updates      | ▼ |
| Return Receipt Electronic | ▼ |
| USPS Tracking Plus®       | ▼ |
| Product Information       | ▼ |

See Less ^



Date Produced: 07/14/2025

LETTERSTREAM:

The following is the delivery information for Certified Mail™/RRE item number 9214 8901 4298 0421 8274 54. Our records indicate that this item was delivered on 07/07/2025 at 01:24 p.m. in MIDLAND, TX 79701. The scanned image of the recipient information is provided below.

Signature of Recipient :

A handwritten signature in black ink, appearing to be a stylized "Z" or "S" shape, followed by a horizontal line.

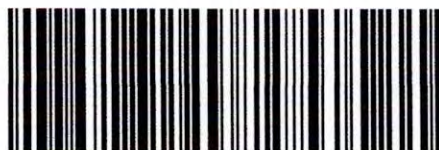
Address of Recipient :

**308 N COLORADO ST,  
MIDLAND, TX 79701**

Thank you for selecting the Postal Service for your mailing needs. If you require additional assistance, please contact your local post office or Postal Service representative.

Sincerely,  
United States Postal Service

USPS CERTIFIED MAIL



9214 8901 4298 0421 8274 47

***CERTIFIED MAIL***

Bradfute Consulting & Legal Services  
PO Box 90233  
Albuquerque NM 87199



0011967733000110  
RR Resources, Ltd.  
308 N. Colorado, Suite 200  
Midland TX 79701

11967733 1 1-20

ALERT: SEVERE WEATHER AND FLOODING IN THE SOUTHEAST, VIRGINIA, AND THE NORTHE...

USPS Tracking®

FAQs >

Tracking Number:

Remove X

9214890142980421827447

Copy

Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item was delivered to an individual at the address at 1:24 pm on July 7, 2025 in MIDLAND, TX 79701.

Get More Out of USPS Tracking:  
USPS Tracking Plus®

**Delivered**  
**Delivered, Left with Individual**  
MIDLAND, TX 79701  
July 7, 2025, 1:24 pm  
  
See All Tracking History

[What Do USPS Tracking Statuses Mean?](https://faq.usps.com/s/article/Where-is-my-package) (<https://faq.usps.com/s/article/Where-is-my-package>)

|                           |   |
|---------------------------|---|
| Text & Email Updates      | ▼ |
| Return Receipt Electronic | ▼ |
| USPS Tracking Plus®       | ▼ |
| Product Information       | ▼ |

See Less ^



Date Produced: 07/14/2025

LETTERSTREAM:

The following is the delivery information for Certified Mail™/RRE item number 9214 8901 4298 0421 8274 47. Our records indicate that this item was delivered on 07/07/2025 at 01:24 p.m. in MIDLAND, TX 79701. The scanned image of the recipient information is provided below.

Signature of Recipient :

A handwritten signature in black ink, appearing to be a stylized representation of the letters "Z" and "U" connected together.

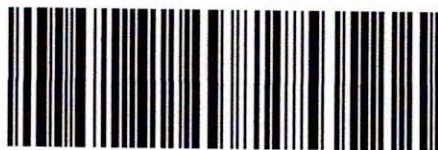
Address of Recipient :

**308 N COLORADO ST,  
MIDLAND, TX 79701**

Thank you for selecting the Postal Service for your mailing needs. If you require additional assistance, please contact your local post office or Postal Service representative.

Sincerely,  
United States Postal Service

USPS CERTIFIED MAIL



9214 8901 4298 0421 8273 48

**CERTIFIED MAIL**

Bradfute Consulting & Legal Services  
PO Box 90233  
Albuquerque NM 87199



0011967733000210  
MRC Delaware Resources, LLC  
4641 E. 91st St  
Tulsa OK 74137

ALERT: SEVERE WEATHER AND FLOODING IN THE SOUTHEAST, VIRGINIA, AND THE NORTHE...

USPS Tracking®

FAQs >

Tracking Number:

Remove X

9214890142980421827348

Copy

Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item was delivered to the front desk, reception area, or mail room at 12:13 pm on July 7, 2025 in TULSA, OK 74137.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, Front Desk/Reception/Mail Room

TULSA, OK 74137

July 7, 2025, 12:13 pm

See All Tracking History

[What Do USPS Tracking Statuses Mean?](https://faq.usps.com/s/article/Where-is-my-package) (<https://faq.usps.com/s/article/Where-is-my-package>)

- Text & Email Updates
- Return Receipt Electronic
- USPS Tracking Plus®
- Product Information

See Less ^



Date Produced: 07/14/2025

LETTERSTREAM:

The following is the delivery information for Certified Mail™/RRE item number 9214 8901 4298 0421 8273 48. Our records indicate that this item was delivered on 07/07/2025 at 12:13 p.m. in TULSA, OK 74137. The scanned image of the recipient information is provided below.

Signature of Recipient :

A handwritten signature in black ink, appearing to read "Mary K. M.", written over three horizontal lines.

Address of Recipient :

A handwritten address in black ink, appearing to read "4641 E 9th St", written over two horizontal lines.

Thank you for selecting the Postal Service for your mailing needs. If you require additional assistance, please contact your local post office or Postal Service representative.

Sincerely,  
United States Postal Service

USPS CERTIFIED MAIL



9214 8901 4298 0421 8273 31

***CERTIFIED MAIL***

Bradfute Consulting & Legal Services  
PO Box 90233  
Albuquerque NM 87199

0011967733000220



Mosaic Resources, LLC  
Attn: Ric Bell  
1361 Potash Mines Rd NM 88220

11967733 1 1-20

ALERT: SEVERE WEATHER AND FLOODING IN THE SOUTHEAST, VIRGINIA, AND THE NORTHE...

Tracking Number:

9214890142980421827331

Remove X

Copy

Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item is being processed at our USPS facility in ALBUQUERQUE, NM 87109 on July 15, 2025 at 1:26 pm.

Get More Out of USPS Tracking:  
USPS Tracking Plus®

Moving Through Network

Processing at USPS Facility  
ALBUQUERQUE, NM 87109  
July 15, 2025, 1:26 pm

Processing at USPS Facility  
ALBUQUERQUE, NM 87109  
July 14, 2025, 1:37 pm

In Transit to Next Facility  
July 13, 2025

Processing at USPS Facility  
ALBUQUERQUE, NM 87109  
July 9, 2025, 11:29 am

Departed USPS Facility  
ALBUQUERQUE, NM 87101  
July 4, 2025, 8:53 pm

Feedback

- **Arrived at USPS Facility**  
ALBUQUERQUE, NM 87101  
July 4, 2025, 12:37 pm
- **Arrived at USPS Regional Facility**  
PHOENIX AZ DISTRIBUTION CENTER  
July 3, 2025, 9:37 pm
- **Accepted at USPS Regional Origin Facility**  
PHOENIX AZ DISTRIBUTION CENTER  
July 3, 2025, 8:22 pm
- **Shipment Received, Package Acceptance Pending**  
PHOENIX, AZ 85026  
July 3, 2025, 5:03 pm
- **Hide Tracking History**

What Do USPS Tracking Statuses Mean? (<https://faq.usps.com/s/article/Where-is-my-package>)

|                           |   |
|---------------------------|---|
| Text & Email Updates      | ▼ |
| Return Receipt Electronic | ▼ |
| USPS Tracking Plus®       | ▼ |
| Product Information       | ▼ |
| See Less ^                |   |

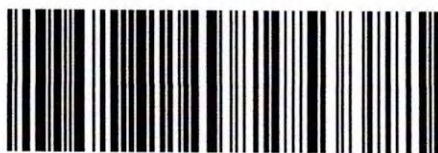
Track Another Package

Enter tracking or barcode numbers

Need More Help?

Contact USPS Tracking support for further assistance.

USPS CERTIFIED MAIL



9214 8901 4298 0421 8278 67

***CERTIFIED MAIL***

Bradfute Consulting & Legal Services  
PO Box 90233  
Albuquerque NM 87199



0011967733000020  
Bureau of Land Management  
Jennifer L Bradfute  
301 Dinosaur Trl.  
Santa Fe NM 87508  
USA

11967733 1.1-20

ALERT: SEVERE WEATHER AND FLOODING IN THE SOUTHEAST, VIRGINIA, AND THE NORTHE...

USPS Tracking®

FAQs >

Tracking Number:

Remove X

9214890142980421827867

Copy

Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item was delivered to the front desk, reception area, or mail room at 11:54 am on July 7, 2025 in SANTA FE, NM 87508.

Get More Out of USPS Tracking:  
USPS Tracking Plus®

**Delivered**  
**Delivered, Front Desk/Reception/Mail Room**  
SANTA FE, NM 87508  
July 7, 2025, 11:54 am  
  
See All Tracking History

[What Do USPS Tracking Statuses Mean?](https://faq.usps.com/s/article/Where-is-my-package) (<https://faq.usps.com/s/article/Where-is-my-package>)

- Text & Email Updates
- Return Receipt Electronic
- USPS Tracking Plus®
- Product Information

See Less ^



Date Produced: 07/14/2025

LETTERSTREAM:

The following is the delivery information for Certified Mail™/RRE item number 9214 8901 4298 0421 8278 67. Our records indicate that this item was delivered on 07/07/2025 at 11:54 a.m. in SANTA FE, NM 87508. The scanned image of the recipient information is provided below.

Signature of Recipient :

A handwritten signature in black ink, appearing as a series of connected loops and a trailing line.

A second handwritten signature in black ink, appearing as a series of connected loops and a trailing line.

Address of Recipient :

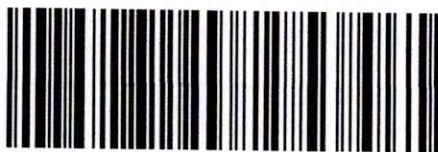
A handwritten address in black ink, appearing as a single line of text.

Thank you for selecting the Postal Service for your mailing needs. If you require additional assistance, please contact your local post office or Postal Service representative.

Sincerely,  
United States Postal Service

11067733.1.1-20

**USPS CERTIFIED MAIL**



**9214 8901 4298 0421 8278 81**

***CERTIFIED MAIL***

Bradfute Consulting & Legal Services  
PO Box 90233  
Albuquerque NM 87199



0011967733000010  
New Mexico State Land Office  
P. Box 1148  
Santa Fe NM 87504  
USA

ALERT: SEVERE WEATHER AND FLOODING IN THE SOUTHEAST, VIRGINIA, AND THE NORTHE...

USPS Tracking®

FAQs >

Tracking Number:

Remove X

9214890142980421827881

Copy

Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item was picked up at a postal facility at 7:34 am on July 7, 2025 in SANTA FE, NM 87501.

Get More Out of USPS Tracking:  
USPS Tracking Plus®

**Delivered**  
Delivered, Individual Picked Up at Postal Facility  
SANTA FE, NM 87501  
July 7, 2025, 7:34 am  
  
See All Tracking History

Feedback

[What Do USPS Tracking Statuses Mean?](https://faq.usps.com/s/article/Where-is-my-package) (<https://faq.usps.com/s/article/Where-is-my-package>)

- Text & Email Updates
- Return Receipt Electronic
- USPS Tracking Plus®
- Product Information

See Less ^

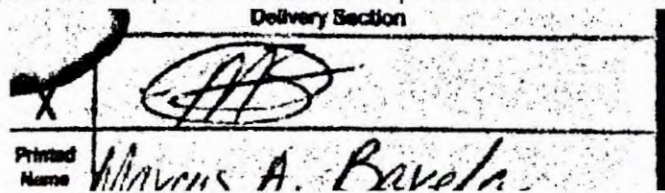


Date Produced: 07/14/2025

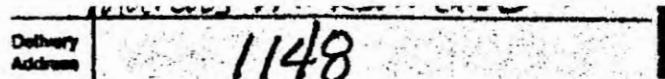
LETTERSTREAM:

The following is the delivery information for Certified Mail™/RRE item number 9214 8901 4298 0421 8278 81. Our records indicate that this item was delivered on 07/07/2025 at 07:34 a.m. in SANTA FE, NM 87501. The scanned image of the recipient information is provided below.

Signature of Recipient :



Address of Recipient :



Thank you for selecting the Postal Service for your mailing needs. If you require additional assistance, please contact your local post office or Postal Service representative.

Sincerely,  
United States Postal Service

## EXHIBIT E-4

**Affidavit of Publication**STATE OF NEW MEXICO  
COUNTY OF LEA

LEGAL

LEGAL

LEGAL

LEGAL

LEGAL NOTICE  
April 24, 2025**NMOCD Case 25303**

This is to notify all interested parties, including Devon Energy Production; Highland (Texas Energy Co.); Mosiac Resources LLC; Strategic Energy Income; Dreher Family Rev Trust; J & E LLC; J & N Property Co Ltd; Michael Newman; Mike Petraitis; Moutray Properties LLC; Ritchie Family Properties LLC; S & J Operating Co; Slayton Investments LLC; Stephens Partnership Co; T & N Oil & Gas LP; Talus Inc; Twin Montana Inc.; The Allar Company; Amity Oil Company Inc.; Apache Corporation; Big Three Energy Group, LLC; Camterra Resources Partners, Ltd.; Cardinal River Energy I LP; Chel-Trand Holdings LLC; Chesapeake Permian LP; Chevron USA Inc.; Christeve Oil Co; Cibolo Resources; Cullins Energy, LP; Devon SFS Operating Inc.; Elliot Industries, LP; Highland (Texas) Energy Company; Horseshoe Operating Inc.; Jack Huff Energy Ltd.; Marathon Oil Permian, LLC; Marital Deduction QTIP Trust; Mewbourne Oil Company; Mosaic Resources, LLC; MRC Delaware Resources, LLC; Newman Resources LLC; NexGen Capital Resources LLC; O.H.B. Inc.; Parrot Head Properties, LLC; Pride Energy Company; Prospector, LLC; Rhodes Interest; Strategic Energy Income Fund IV LP; The Maple Gas Corporation; Tiburon Exploration LLC; and Traeder Energy, LLC that the New Mexico Oil Conservation Division will conduct a hearing on an application submitted by PBEX Operations, LLC (Case No. 25303). The hearing will be conducted on May 8, 2025 in a hybrid fashion both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505 and via the Webex virtual meeting platform at 9:00 a.m. To participate in the electronic hearing, see the instruction posted on the docket for the hearing date: <https://www.emnrd.nm.gov/ocd/hearing-info/>. Case 25303, Application of PBEX Operations, LLC for Compulsory Pooling and Approval of an Overlapping Spacing Unit, Eddy County and Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling a standard 642.79 acre, more or less, horizontal well spacing unit in the Bone Spring formation comprised of the SE/4 of Section 35 and the S/2 of Section 36, Township 18 South, Range 31 East, NMPM, Eddy County, New Mexico and lots 3-4, E/2 SW/4 of Section 31, Township 18 South, Range 32 East, NMPM, Lea County, New Mexico initially dedicated to the proposed Dr. Vogel SW 35-31 Fed Com 104H, 105H, 106H, and the Dr. Vogel SW 35-31 Fed Com 207H, 209H, and 211H wells to be horizontally drilled as follows:

- Dr. Vogel SW 35-31 Fed Com 104H, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 2230' from the South Line and 2540' from the West Line of Section 31 (Unit K), Township 18 South, Range 32 East, in Lea County, New Mexico.
- Dr. Vogel SW 35-31 Fed Com 105H, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 1254' from the South Line and 2540' from the West Line of Section 31 (Unit N), Township 18 South, Range 32 East, in Lea County, New Mexico.
- Dr. Vogel SW 35-31 Fed Com 106H, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 330' from the South Line and 2540' from the West Line of Section 31 (Unit N), Township 18 South, Range 32 East, in Lea County, New Mexico.
- Dr. Vogel SW 35-31 Fed Com 207H, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 2230' from the South Line and 2540' from the West Line of Section 31 (Unit K), Township 18 South, Range 32 East, in Lea County, New Mexico.
- Dr. Vogel SW 35-31 Fed Com 209H, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 1254' from the South Line and 2540' from the West Line of Section 31 (Unit N), Township 18 South, Range 32 East, in Lea County, New Mexico.
- Dr. Vogel SW 35-31 Fed Com 211H, which will be drilled from a surface hole location the SE/4 of Section 35, Township 18 South, Range 31 East, in Eddy County New Mexico to a bottom hole located 330' from the South Line and 2540' from the West Line of Section 31 (Unit N), Township 18 South, Range 32 East, in Lea County, New Mexico.

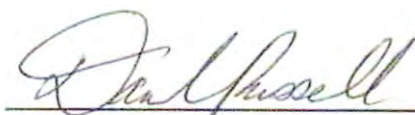
The spacing unit for these wells will overlap with the spacing units for the:

Nervous Horz Com #2H (API No. 30-015-37143) in the E/2 E/2 of Section 36, Township 18 South, Range 31 East; Nervous Horz Com #4H (API No. 30-015-37146) in the W/2 W/2 of Section 36, Township 18 South, Range 31 East; Nervous Horz Com #3H (API No. 30-015-37145) in the W/2 E/2 of Section 36, Township 18 South, Range 31 East; Lusk 31 Fed #2 (API No. 30-025-39079) in the NESW of Section 31, Township 18 South, Range 32 East; Eddy JP St Com #1 (API No. 30-015-23504) in the SESW of Section 36, Township 18 South, Range 31 East. Applicant requests approval of the overlapping spacing unit. 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 PBEX Operations, LLC as operator of the wells, and a 200% charge for risk involved in drilling said wells. The subject area is located approximately 30.1 miles Northeast of Carlsbad, New Mexico.

#00300281

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated  
April 24, 2025  
and ending with the issue dated  
April 24, 2025.



Publisher

Sworn and subscribed to before me this  
24th day of April 2025.



Business Manager

My commission expires

January 29, 2027  
(Seal)NOTARY PUBLIC  
GUSSIE RUTH BLACK  
COMMISSION # 1087526

COMMISSION EXPIRES 01/29/2027

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said publication has been made.

67118382

00300281

BRADFUTE CONSULTING & LEGAL SERVICES  
P.O. BOX 90233  
ALBUQUERQUE, NM 87199