



Before the Oil Conservation Division  
Examiner Hearing June 2, 2022

Compulsory Pooling

**Case No. 22819:** PF Fed Com 102H

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

**APPLICATION OF FRANKLIN MOUNTAIN  
ENERGY, LLC FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.**

**CASE NO. 22819**

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**COMPULSORY POOLING APPLICATION CHECKLIST****ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS**

| Case: 22819  | APPLICANT'S RESPONSE  |
|--|---|
| Date: June 2, 2022   |   |
| Applicant  | Franklin Mountain Energy, LLC   |
| Designated Operator & OGRID (affiliation if applicable)      | Franklin Mountain Energy, LLC (373910)  |
| Applicant's Counsel:   | Modrall, Sperling, Roehl, Harris & Sisk, P.A.<br>(Deana Bennett and Bryce Smith)  |
| Case Title:  | Application of Franklin Mountain Energy, LLC for<br>Compulsory Pooling, Lea County, New Mexico                                      |
| Entries of Appearance/Intervenors:                           | None  |
| Well Family  | PF Fed Com  |
| <b>Formation/Pool</b>  |   |
| Formation Name(s) or Vertical Extent:                        | Leonard   |
| Primary Product (Oil or Gas):                                | Oil   |
| Pooling this vertical extent:                                | Leonard   |
| Pool Name and Pool Code:                                     | DOGIE DRAW; DELAWARE pool (Pool code 97779)   |
| Well Location Setback Rules:                                 | Statewide rules   |
| Spacing Unit Size:   | 360 acres   |
| <b>Spacing Unit</b>  |   |
| Type (Horizontal/Vertical)                                   | Horizontal  |
| Size (Acres)   | 360 acres   |
| Building Blocks:   | 40 acres  |
| Orientation:   | North-South   |
| Description: TRS/County                                      | E/2 W/2 of Sections 1 and 12, and the NE/4 NW/4<br>of Section 13, Township 26 South, Range 35 East,<br>NMPM, Lea County, New Mexico |
| Standard Horizontal Well Spacing Unit (Y/N), If No, describe | Y   |
| <b>Other Situations</b>                                      |   |
| Depth Severance: Y/N. If yes, description                    | N   |
| Proximity Tracts: If yes, description                        | N   |
| Proximity Defining Well: if yes, description                 | N/A   |
| Applicant's Ownership in Each Tract                          | Exhibit B.4   |
| Well(s)  |   |



|  |   |
|--|---|
| Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard) | <b>Exhibit B.3 and Exhibit B, paragraph 11.</b>   |
| Well #1  | <b>PF Fed Com 102H</b><br>API: 30-025-49850 SHL:<br>650 feet from the North line and 1,343 feet from the West line, Section 1, Township 26 South, Range 35 East, NMPM.<br>BHL: 1,170 feet from the North line and 2,100 feet from the West line, Section 13, Township 26 South, Range 35 East, NMPM.<br>Completion Target: Leonard.<br>Well Orientation: North/South<br>Completion location: Standard.<br>See also Exhibit B.3 for C-102. |
| Horizontal Well First and Last Take Points   | <b>Exhibit B.3</b>  |
| Well #1  | <b>PF Fed Com 102H</b><br>FTP: 710 feet from the North line and 2,098 feet from the West Line, Section 1, Township 26 South, Range 35 East, NMPM.<br>LTP: 1,170 feet from the North line and 2,100 feet from the West line of Section 13, Township 26 South, Range 35 East, NMPM.   |
| Completion Target (Formation, TVD and MD)  | <b>See Exhibit B.6.</b>   |
| Well #1  | <b>PF Fed Com 102H</b><br>Formation: Leonard<br>TVD: Approximately 8,643'<br>MD: Approximately 20,078'  |
| <b>AFE Capex and Operating Costs</b>   |   |
| Drilling Supervision/Month \$  | <b>\$7,000</b>  |
| Production Supervision/Month \$  | <b>\$700</b>  |
| Justification for Supervision Costs  | <b>See Exhibit B, Paragraph 24</b>  |
| Requested Risk Charge  | <b>200%</b>   |
| <b>Notice of Hearing</b>   |   |
| Proposed Notice of Hearing   | <b>See Exhibits B and B.8</b>   |
| Proof of Mailed Notice of Hearing (20 days before hearing)   | <b>Exhibit B.8</b>  |
| Proof of Published Notice of Hearing (10 days before hearing)  | <b>Exhibit B.8</b>  |
| <b>Ownership Determination</b>   |   |
| Land Ownership Schematic of the Spacing Unit   | <b>Exhibit B.4</b>  |

|  |                                     |
|--|-------------------------------------|
| Tract List (including lease numbers and owners)                | Exhibit B.4                         |
| Pooled Parties (including ownership type)                      | Exhibit B.4                         |
| Unlocatable Parties to be Pooled                               | N/A                                 |
| Ownership Depth Severance (including percentage above & below) | N/A                                 |
| <b>Joinder</b>   |                                     |
| Sample Copy of Proposal Letter                                 | Exhibit B.6                         |
| List of Interest Owners (ie Exhibit A of JOA)                  | Exhibit B.4                         |
| Chronology of Contact with Non-Joined Working Interests        | Exhibit B.5                         |
| Overhead Rates In Proposal Letter                              | See Exhibit B, Paragraph 24         |
| Cost Estimate to Drill and Complete                            | Exhibit B.7                         |
| Cost Estimate to Equip Well                                    | Exhibit B.7                         |
| Cost Estimate for Production Facilities                        | Exhibit B.7                         |
| <b>Geology</b>   |                                     |
| Summary (including special considerations)                     | Exhibit C                           |
| Spacing Unit Schematic   | Exhibit C.2                         |
| Gunbarrel/Lateral Trajectory Schematic                         | Exhibit C.2                         |
| Well Orientation (with rationale)                              | Exhibit C.7; Exhibit C Paras. 12-13 |
| Target Formation   | Exhibit C.2                         |
| HSU Cross Section  | Exhibit C.5                         |
| Depth Severance Discussion                                     | N/A                                 |
| <b>Forms, Figures and Tables</b>                               |                                     |
| C-102  | Exhibit B.3                         |
| Tracts   | Exhibit B.4                         |
| Summary of Interests, Unit Recapitulation (Tracts)             | Exhibit B.4                         |
| General Location Map (including basin)                         | Exhibit C.1                         |
| Well Bore Location Map   | Exhibit C.2                         |
| Structure Contour Map - Subsea Depth                           | Exhibit C.3                         |
| Cross Section Location Map (including wells)                   | Exhibit C.4                         |
| Release Section (including 2022 and 2023 Zone)                 | Exhibit C.5                         |

|  |  |
|--|--|
| <b>Additional Information</b>  |  |
| <b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b> |  |
| <b>Printed Name (Attorney or Party Representative):</b>  | <b>Bryce H. Smith</b>  |
| <b>Signed Name (Attorney or Party Representative):</b>   |  |
| <b>Date:</b>   | <b>Tuesday, May 31, 2022</b>   |

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

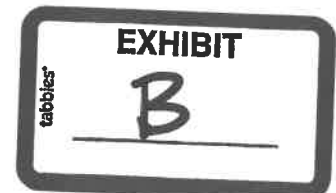
APPLICATIONS OF FRANKLIN MOUNTAIN  
ENERGY, LLC FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.

CASE NO. 22819

SELF AFFIRMED DECLARATION OF ILONA HOANG

Ilona Hoang hereby states and declares as follows:

1. I am over the age of 18, I am a landman for Franklin Mountain Energy, LLC (“Franklin”), and I have personal knowledge of the matters stated herein.
2. I graduated from Western Colorado University (WCU) in May 2019 with a BA in Business Administration and Energy Management. While I was a student at WCU I interned as a landman at Antero Resources Corporation in 2016 (Marcellus); QEP Resources in 2017 (Bakken); Centennial Resource Development, Inc. in 2018 (Delaware Basin, New Mexico). Upon graduation in 2019 I joined EOG Resources, Inc. as a landman within EOG’s Denver Division, where I was focused on the Rockies and Bakken development for 2.5 years. In October 2021 I joined Franklin Mountain Energy, Inc. as a landman focusing on Operations Land in New Mexico with a four-rig drilling program. My resume is attached as **Exhibit B.9**.
3. My area of responsibility at Franklin includes the area of Lea County in New Mexico.
4. I am familiar with the application filed by Franklin in this case, which is attached as **Exhibit B.1**.
5. I am familiar with the status of the lands that are subject to the application.



6. I submit the following information pursuant to NMAC 19.15.4.12.A(1) in support of the above referenced compulsory pooling application.

7. The purpose of the application is to force pool all uncommitted interests into the horizontal spacing unit described below, and in the well to be drilled in the unit.

8. No opposition is expected because the interest owners being pooled have been contacted regarding the proposed well, but have failed or refused to voluntarily commit their interests in the well.

9. The spacing unit and well that Franklin is proposing in this case is part of a comprehensive development plan, covering the entirety of Sections 1 and 12, as well as the NW/4 NE/4 and the NE/4 NW/4 of Section 13, Township 26 South, Range 35 East, NMPM, Lea County, New Mexico. The Development Overview is attached as **Exhibit B.2**.

10. In this case, Franklin seeks an order from the Division pooling all uncommitted mineral interests within a 360-acre, more or less, Leonard horizontal spacing unit underlying the E/2 W/2 of Sections 1 and 12, and the NE/4 NW/4 of Section 13, Township 26 South, Range 35 East, NMPM, Lea County, New Mexico.

11. This spacing unit will be dedicated to the **PF Fed Com 102H** well to be horizontally drilled.

12. Attached as **Exhibit B.3** is the proposed C-102 for the well.

13. The C-102 identifies the proposed surface hole location, the first take point, and the bottom hole location. The C-102 also identifies the pool and pool code.

14. The well will develop the DOGIE DRAW; DELAWARE pool (Pool code 97779).

15. This pool is an oil pool with 40-acre building blocks.



16. This pool is governed by the state-wide horizontal well rules. The producing interval for the wells will be orthodox and will comply with the Division's set back requirements.

17. There are no depth severances within the proposed spacing unit.

18. **Exhibit B.4** includes a lease tract map outlining the unit being pooled. Exhibit B.4 also includes the parties being pooled, the nature, and the percent of their interests.

19. I have conducted a diligent search of the public records in the county where the well is located, and conducted phone directory and computer searches to locate contact information for parties entitled to notification, and mailed the working interest owners well proposals, including an Authorization for Expenditure.

20. In my opinion, Franklin has made a good faith effort to obtain voluntary joinder of the working interest owners in the proposed well.

21. **Exhibit B.5** is a summary of my contacts with the working interest owners.

22. **Exhibit B.6** is a sample of the well proposal letter that was sent to all working interest owners. The proposal letter identifies the proposed surface hole and bottom hole locations and approximate TVD/MD for the well.

23. **Exhibit B.7** contains the Authorization for Expenditure for the proposed well. The estimated cost of the well set forth therein is fair and reasonable, and is comparable to the costs of other wells of similar depths and length drilled in this area of New Mexico.

24. Franklin requests overhead and administrative rates of \$7000.00/month for drilling a well and \$700.00/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this area of Southeastern, New Mexico. Franklin requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.

25. Franklin requests the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.

26. Franklin requests that it be designated operator of the well.

27. The parties Franklin is seeking to pool were notified of this hearing.

28. Franklin seeks to pool overriding royalty interest owners, and they were also provided notice of this hearing.

29. **Exhibit B.8** is an affidavit of notice prepared by counsel for Franklin that shows the parties who were notified of this hearing, the status of whether they received notice, and an affidavit of publication from the Hobbs News-Sun newspaper, showing that notice of this hearing was published on May 15, 2022.

30. The attachments to this declaration were prepared by me, or compiled from company business records, or were prepared at my direction.

31. I attest that the information provided herein is correct and complete to the best of my knowledge and belief.

32. In my opinion, the granting of this application is in the interests of conservation and the prevention of waste.

*[Signature page follows]*

I attest under penalty of perjury under the laws of the State of New Mexico that the information provided herein is correct and complete to the best of my knowledge and belief.

Dated: May 27, 2022

Ilona Hoang

A handwritten signature in blue ink is written over a horizontal line. The signature is stylized and appears to be 'Ilona Hoang'.

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

APPLICATION OF FRANKLIN MOUNTAIN ENERGY, LLC  
FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

CASE NO. 22819

APPLICATION

Franklin Mountain Energy, LLC (“FME”), OGRID Number 373910, through its undersigned attorneys, hereby makes an application to the Oil Conservation Division (“Division”) pursuant to the provisions of NMSA (1978), Section 70-2-17, for an order pooling all uncommitted mineral interests within a 360-acre, more or less, Leonard horizontal spacing unit comprising the E/2 W/2 of Sections 1 and 12, and the NE/4 NW/4 of Section 13, Township 26 South, Range 35 East, NMPM, Lea County, New Mexico. In support of this application, FME states as follows:

1. FME has an interest in the subject lands and has a right to drill and operate a well thereon.
2. FME seeks to dedicate the E/2 W/2 of Sections 1 and 12, and the NE/4 NW/4 of Section 13, Township 26 South, Range 35 East, NMPM, Lea County, New Mexico to form a 360-acre, more or less, Leonard horizontal spacing unit.
3. FME plans to drill the **PF Fed Com 102H** well to a depth sufficient to test the Leonard formation. The well will be horizontally drilled and will be drilled at orthodox locations under the Division’s rules.



4. FME sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Leonard formation underlying the proposed spacing unit to participate in the drilling of the well or to otherwise commit their interests to the well.

5. The creation of a standard horizontal spacing unit and the pooling of all interests in the Leonard formation underlying the proposed unit will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

WHEREFORE, FME requests this application be set for hearing before an Examiner of the Oil Conservation Division on June 2, 2022, and after notice and hearing as required by law, the Division enter its order:

A. Creating an approximated 360-acre, more or less, Leonard horizontal spacing unit comprising the E/2 W/2 of Sections 1 and 12, and the NE/4 NW/4 of Section 13, Township 26 South, Range 35 East, NMPM, Lea County, New Mexico;

B. Pooling all mineral interests in the Leonard formation underlying a horizontal spacing unit within the E/2 W/2 of Sections 1 and 12, and the NE/4 NW/4 of Section 13, Township 26 South, Range 35 East, NMPM, Lea County, New Mexico;

C. Designating FME as operator of this unit and the wells to be drilled thereon;

D. Authorizing FME to recover its costs of drilling, equipping and completing the well;

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

F. Setting a 200% charge for the risk involved in drilling and completing the well in the event a working interest owner elects not to participate in the well.

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

By: /s/ Bryce H. Smith

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

**CASE NO. \_\_\_\_\_: Application of Franklin Mountain Energy, LLC for compulsory pooling, Lea County, New Mexico.** Applicant seeks an order from the Division pooling all uncommitted mineral interests within a 360-acre, more or less, Leonard horizontal spacing unit underlying the E/2 W/2 of Sections 1 and 12, and the NE/4 NW/4 of Section 13, Township 26 South, Range 35 East, NMPM, Lea County, New Mexico. This spacing unit will be dedicated to the **PF Fed Com 102H** well, to be horizontally drilled. The producing area for the well will be orthodox. Also to be considered will be the cost of drilling and completing said well, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Franklin Mountain Energy, LLC as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 8 miles Southwest from Jal, New Mexico.

# Development Overview

Case Nos. 22818, 22819, 22820, 22821

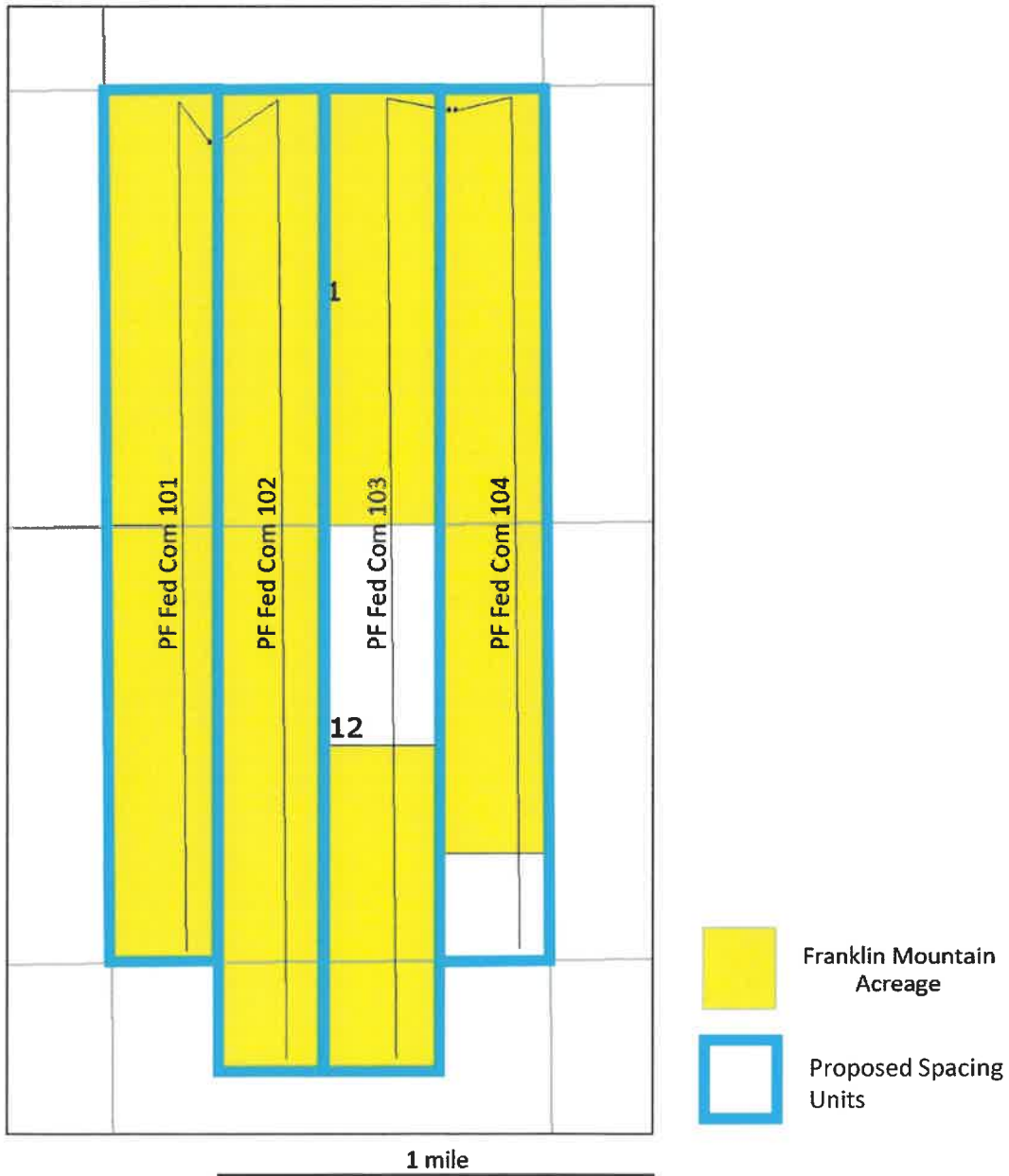


EXHIBIT  
tabbles' B.2



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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                  |  |  |  |  |  |
|----------------------------------|--|--|--|--|--|
| <sup>1</sup> API Number          |  | <sup>2</sup> Pool Code<br>97779                            |  | <sup>3</sup> Pool Name<br>DOGIE DRAW, DELAWARE |  |
| <sup>4</sup> Property Code       |  | <sup>5</sup> Property Name<br>PF FED COM                   |  | <sup>6</sup> Well Number<br>102H               |  |
| <sup>7</sup> OGRID No.<br>373910 |  | <sup>8</sup> Operator Name<br>FRANKLIN MOUNTAIN ENERGY LLC |  | <sup>9</sup> Elevation<br>3052.9'              |  |

<sup>10</sup> Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| C             | 1       | 26S      | 35E   |         | 650           | NORTH            | 1343          | WEST           | LEA    |

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

| UL or lot no.                        | Section | Township                      | Range | Lot Idn                          | Feet from the | North/South line        | Feet from the | East/West line | County |
|--------------------------------------|---------|-------------------------------|-------|----------------------------------|---------------|-------------------------|---------------|----------------|--------|
| C                                    | 13      | 26S                           | 35E   |                                  | 1170          | NORTH                   | 2100          | WEST           | LEA    |
| <sup>12</sup> Dedicated Acres<br>360 |         | <sup>13</sup> Joint or Infill |       | <sup>14</sup> Consolidation Code |               | <sup>15</sup> Order No. |               |                |        |

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

**16**

- = SURFACE HOLE LOCATION
- ◇ = KOP/PPP/FTP
- = LTP/BHL
- ▲ = SECTION CORNER LOCATED

| NAD 83 (SURFACE HOLE LOCATION)          |  |
|---|--|
| LATITUDE = 32°04'40.03" (32.077787°)    |  |
| LONGITUDE = 103°19'31.59" (103.325441°) |  |
| NAD 27 (SURFACE HOLE LOCATION)          |  |
| LATITUDE = 32°04'39.58" (32.077660°)    |  |
| LONGITUDE = 103°19'29.93" (103.324981°) |  |
| N: 393494.45' E: 833515.05'             |  |
| STATE PLANE NAD 83 (N.M. EAST)          |  |
| N: 393494.45' E: 833515.05'             |  |
| STATE PLANE NAD 27 (N.M. EAST)          |  |
| N: 393494.45' E: 833515.05'             |  |

| NAD 83 (KOP)                            |  |
|---|--|
| LATITUDE = 32°04'45.11" (32.079197°)    |  |
| LONGITUDE = 103°19'22.81" (103.323004°) |  |
| NAD 27 (KOP)                            |  |
| LATITUDE = 32°04'44.65" (32.079070°)    |  |
| LONGITUDE = 103°19'21.16" (103.322543°) |  |
| N: 394014.42' E: 834265.11'             |  |
| STATE PLANE NAD 83 (N.M. EAST)          |  |
| N: 394014.42' E: 834265.11'             |  |
| STATE PLANE NAD 27 (N.M. EAST)          |  |
| N: 393956.48' E: 813077.42'             |  |

| NAD 83 (PPP #1/FTP)                     |  |
|---|--|
| LATITUDE = 32°04'39.44" (32.077622°)    |  |
| LONGITUDE = 103°19'22.81" (103.323003°) |  |
| NAD 27 (PPP #1/FTP)                     |  |
| LATITUDE = 32°04'38.98" (32.077495°)    |  |
| LONGITUDE = 103°19'21.15" (103.322543°) |  |
| N: 393441.49' E: 834270.72'             |  |
| STATE PLANE NAD 83 (N.M. EAST)          |  |
| N: 393441.49' E: 834270.72'             |  |
| STATE PLANE NAD 27 (N.M. EAST)          |  |
| N: 393383.57' E: 813083.01'             |  |

| NAD 83 (PPP #2)                         |  |
|---|--|
| LATITUDE = 32°03'54.15" (32.065042°)    |  |
| LONGITUDE = 103°19'22.79" (103.322997°) |  |
| NAD 27 (PPP #2)                         |  |
| LATITUDE = 32°03'53.69" (32.064915°)    |  |
| LONGITUDE = 103°19'21.13" (103.322537°) |  |
| N: 38864.97' E: 834315.54'              |  |
| STATE PLANE NAD 83 (N.M. EAST)          |  |
| N: 38864.97' E: 834315.54'              |  |
| STATE PLANE NAD 27 (N.M. EAST)          |  |
| N: 38864.97' E: 834315.54'              |  |

| NAD 83 (LTP/BHL)                        |  |
|---|--|
| LATITUDE = 32°02'50.37" (32.047324°)    |  |
| LONGITUDE = 103°19'22.76" (103.322988°) |  |
| NAD 27 (LTP/BHL)                        |  |
| LATITUDE = 32°02'49.91" (32.047197°)    |  |
| LONGITUDE = 103°19'21.10" (103.322529°) |  |
| N: 382419.19' E: 834378.67'             |  |
| STATE PLANE NAD 83 (N.M. EAST)          |  |
| N: 382419.19' E: 834378.67'             |  |
| STATE PLANE NAD 27 (N.M. EAST)          |  |
| N: 382361.57' E: 813190.53'             |  |

**NOTE:**

- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)

**17 OPERATOR CERTIFICATION**

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

*Shelly Albrecht* 8/3/2021  
Signature Date

Shelly Albrecht  
Printed Name

salbrecht@fmellc.com  
E-mail Address

**18 SURVEYOR CERTIFICATION**

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

April 28, 2021  
Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number:

| LINE TABLE |             |         |
|------------|-------------|---------|
| LINE       | DIRECTION   | LENGTH  |
| L1         | N55°30'28"E | 912.80' |
| L2         | S00°19'19"E | 573.04' |

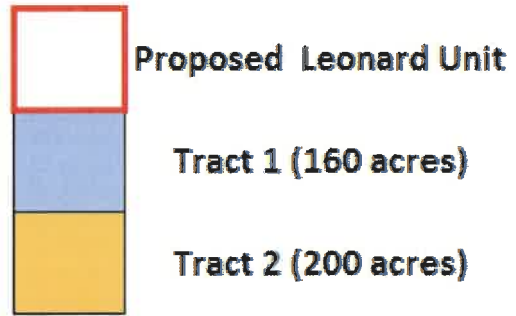
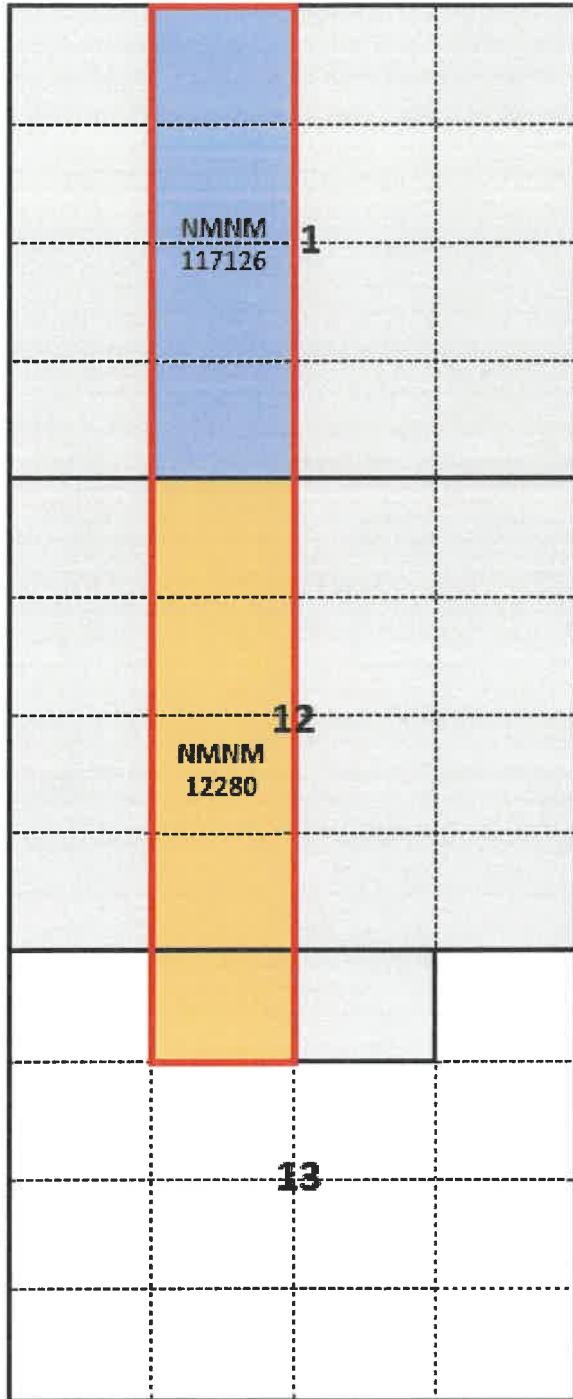
SCALE  
DRAWN BY: R.J. 05-06-21  
REV: 1 07-28-21 R.J. (ADD KOP & PPP)

**EXHIBIT**  
**B.3**

### Lease Tract Map

Case No. 22819

E/2W/2 of Sections 1 & 12, NENW of Sec 13-T26S-R35E, 360 Gross Acres  
PF Fed Com 102H

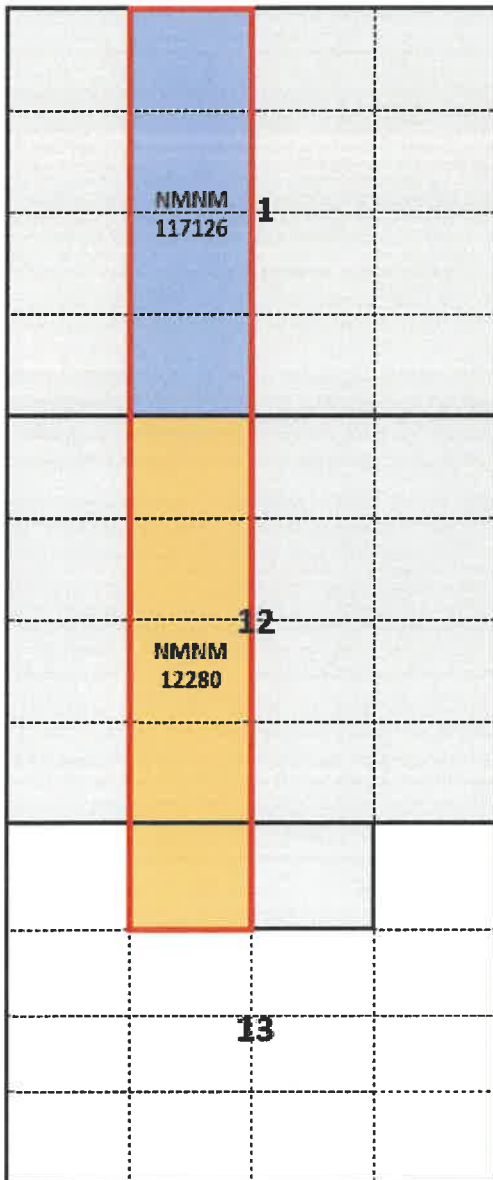


### Unit Recapitulation

Case No. 22819

E/2W/2 of Sections 1 & 12, NENW of Sec 13-T26S-R35E, 360 Gross Acres  
PF Fed Com 102H

| Committed Working Interest    |                    |
|-------------------------------|--------------------|
| Franklin Mountain Energy, LLC | 62.222222%         |
| Uncommitted Working Interest  |                    |
| COG Operating LLC             | 31.111111%         |
| Chevron U.S.A. Inc.           | 6.666667%          |
| <b>TOTAL:</b>                 | <b>100.000000%</b> |



| Tract | Lease       |
|-------|-------------|
| 1     | NMNM 117126 |
| 2     | NMNM 12280  |



### Summary of Interests

Case No. 22819

E/2W/2 of Sections 1 & 12, NENW of Sec 13-T26S-R35E, 360 Gross Acres  
PF Fed Com 102H

| Committed Working Interest    |                    |
|-------------------------------|--------------------|
| Franklin Mountain Energy, LLC | 62.222222%         |
| Uncommitted Working Interest  |                    |
| COG Operating LLC             | 31.111111%         |
| Chevron U.S.A. Inc.           | 6.666667%          |
| <b>TOTAL:</b>                 | <b>100.000000%</b> |



Parties to Be Pooled

Case No. 22819

| Name  | Interest |
|---|----------|
| COG Operating LLC   | WIO      |
| Chevron U.S.A. Inc.   | WIO      |
| Devon Energy Production Company, LP   | ORRI     |
| Green Ribbon, Inc.  | ORRI     |
| Bernard A. Winer and Grace S. Winer, Trustees of the Bernard and Grace Winer Living Trust | ORRI     |
| Grimes 710, LLC   | ORRI     |
| Lacy Dinsmoor Roop 1999 Revocable Management Trust  | ORRI     |
| Doris Earline Freeman   | ORRI     |
| Mongoose Minerals, LLC  | ORRI     |
| Young Minerals Company  | ORRI     |
| Eleanor Jeane Hopper  | ORRI     |

## Summary of Contacts

- Franklin Mountain Energy conducted extensive title work to determine the working interest owners and other interest owners.
- Franklin searched public records, phone directory, and various different types of internet searches.
- Franklin sent well proposal letters to the working interest owners by certified mail and by email in March 2022, which included AFEs and noted that Franklin would be sending its proposed Operating Agreements (OA).
- Franklin emailed COG, Chevron, and Marathon the proposed OA.
- Franklin had multiple communications with COG, Chevron, and Marathon between mid-March and May 2, 2022, when the applications were filed.
- Franklin continued to have multiple communications with COG, Chevron, and Marathon after the pooling applications were filed, including communications about the JOA and about the June 2 hearing date.
- Franklin filed an application to force pool the parties who had not entered in to an agreement.
- Franklin provided addresses of the uncommitted working interest owners and overriding royalty owners to Franklin's counsel, who sent notices of the force pooling applications to the uncommitted interest owners provided by Franklin.
- Franklin also published notice in a newspaper of general circulation in the county where the wells will be located.





Sent via Fedex and email  
 Tracking No. 776299614707  
 <ScottSabrsula@chevron.com>

March 15, 2022

Chevron U.S.A. Inc.  
 6301 Deauville Blvd.  
 Midland, TX 79706  
 Attn: Land Dept., Delaware Basin

RE: Paul Foster Fed Com Well Proposals  
 Township 26 South, Range 35 East  
 Sections 1 & 12: E/2 W/2 & 13: NE/4 NW/4  
 360 acres, more or less  
 Lea County, New Mexico

Dear Working Interest Owner:

Franklin Mountain Energy, LLC ("FME"), as Operator, hereby proposes the drilling, completing, and equipping of the following wells located in the E/2W/2 of Sections 1 & 12 and 13: NE/4 NW/4, Township 26 South, Range 35 East, Lea County, NM:

| <u>Well Name</u>         | <u>Legal Description</u>  | <u>Formation</u> | <u>TVD</u> | <u>MD</u> | <u>AFE</u>      |
|--------------------------|---|------------------|------------|-----------|-----------------|
| Paul Foster Fed Com 102H | T26S-R35E Sec 1 & 12: E/2 W/2 & Sec 13: NE/4 NW/4, 360 acres, m/l<br>SHL in Sec 1-26S-35E: 650' FNL 1343' FWL<br>BHL in Sec 13-26S-35E: 1170' FNL 2100' FWL | Leonard          | 8,643'     | 20,078'   | \$12,090,260.52 |
| Paul Foster Fed Com 502H | T26S-R35E Sec 1 & 12: E/2 W/2 & Sec 13: NE/4 NW/4, 360 acres, m/l<br>SHL in Sec 1-26S-35E: 650' FNL 1318' FWL<br>BHL in Sec 13-26S-35E: 1170' FNL 2100' FWL | Bone Spring      | 10,511'    | 20,046'   | \$12,413,398.52 |

A copy of the FME's proposed Operating Agreement ("OA") will be forthcoming.

FME reserves the right to modify the locations and drilling plans described above in order to comply with any requirements from a governing regulatory agency or to address any topography, environmental and/or cultural concerns. Should there be any modifications to the plans listed above, FME will notify you.





Please indicate your elections on the following page and return to FME at your earliest convenience. Should you elect to participate, please also return executed versions of the AFE enclosed.

If you do NOT wish to participate, FME proposes to acquire your interest at the following terms, on a mutually agreeable conveyance form:

FME looks forward to working with your company on this proposed development and encourages you to call with any questions pertaining to these plans. Please be advised that FME will file an application for compulsory pooling to pool any uncommitted working interest owners in the near future.

Should you have any questions, please contact the undersigned at (720) 414-7868 or at [ihoang@fmellc.com](mailto:ihoang@fmellc.com).

Respectfully,

Franklin Mountain Energy, LLC

Ilona T. Hoang  
Landman



Enclosures





**Paul Foster Fed Com 102H:**

\_\_\_\_\_ I/We hereby elect to participate in the **Paul Foster Fed Com 102H** well.  
 \_\_\_\_\_ I/We hereby elect **NOT** to participate in the **Paul Foster Fed Com 102H** well.

**Paul Foster Fed Com 502H:**

\_\_\_\_\_ I/We hereby elect to participate in the **Paul Foster Fed Com 502H** well.  
 \_\_\_\_\_ I/We hereby elect **NOT** to participate in the **Paul Foster Fed Com 502H** well.

\_\_\_\_\_ I/We hereby elect to sell our interest.

**Working Interest Owner:** \_\_\_\_\_

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

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

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

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



Franklin Mountain Energy, LLC
44 Cook Street, Suite 1000
Denver, CO 80206
Phone: 720-614-7868
#franklinmountainenergy.com

AUTHORITY FOR EXPENDITURE

Well Name: PF Fed Con 102H
Location: SHL Sec 1-1268-R35E 65W FNL 134S FWL
BHL Sec 13-T26S-R35E 117W FNL 2100' FWL
Operator: Franklin Mountain Energy, LLC
Purpose: Drill and complete a 11,000' Leonard well
TVD 8,643', MD 20,078'

Well #: 102H
County/State: Lea Co., NM
Date Prepared: 3/9/2022
AFE #: DCE220316

Intangible Drilling Costs table with columns: Major, Minor, Description, Amount. Includes items like Administrative Overhead, Casing Crew & Equip, Cementing Intermediate Casing, etc.

Tangible Drilling Costs table with columns: Major, Minor, Description, Amount. Includes items like Intermediate Casing & Attachments, Packers Sleeves/Plugs, etc.

Tangible Facility Costs table with columns: Major, Minor, Description, Amount. Includes items like Facility Pipe Valves/Fittings, Containmentment, Dehydration, etc.

Intangible Completion Costs table with columns: Major, Minor, Description, Amount. Includes items like Administrative Overhead, Cased Hole Logs & Surveys, Casing Crew & Equip, etc.

Tangible Completion Costs table with columns: Major, Minor, Description, Amount. Includes items like Artificial Lift, Flowlines, Frac String, etc.

Intangible Facility Costs table with columns: Major, Minor, Description, Amount. Includes items like Consulting, Company Direct Labor, Damages/Rov/Permits, etc.

Office Use Only table (empty)

Summary table with rows: Total Drill, Total Completion, Total Facility, Total DC Intangible, Total DC Tangible, Total AFE.

THIS AUTHORITY FOR EXPENDITURE IS BASED ON COST ESTIMATES. BILLING WILL REFLECT YOUR PROPORTIONATE SHARE OF THE ACTUAL INVOICE COSTS

Operator: Franklin Mountain Energy, LLC
Approved By: Jeff Stevens, Chief Executive Officer
Date: 3/9/2022
WI Owner:
Approved By:
Date:
Printed Name:
Title:

ALL PARTICIPANTS MUST CARRY THEIR OWN CONTROL OF WELL. INSURANCE AND ATTACH A CERTIFICATE OF INSURANCE TO THIS ELECTION OR INSURE WITH



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

APPLICATIONS OF FRANKLIN MOUNTAIN  
ENERGY, LLC FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.

CASE NOS. 22818-22821

AFFIDAVIT

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

Deana M. Bennett, attorney in fact and authorized representative of Franklin Mountain Energy, LLC, the Applicant herein, being first duly sworn, upon oath, states that the above-referenced Applications were provided under a notice letter mailed May 12, 2022, attached, and that proof of receipt is attached hereto. I also state that notice of the hearing was published in the Hobbs News-Sun on May 15, 2022, as reflected in the attached Affidavit of Publication.

  
Deana M. Bennett

SUBSCRIBED AND SWORN to before me this 31st day of May, 2022 by Deana M. Bennett.

  
Notary Public

My commission expires: 02-27-25

STATE OF NEW MEXICO  
NOTARY PUBLIC  
Karlene Schuman  
Commission No. 1101248  
February 27, 2025



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

PS Form 3877

Type of Mailing: CERTIFIED MAIL  
 05/12/2022

Firm Mailing Book ID: 227644

| Line | USPS Article Number         | Name, Street, City, State, Zip  | Postage | Service Fee | RR Fee | Rest.Del.Fee | Reference Contents      |
|------|-----------------------------|---|---------|-------------|--------|--------------|-------------------------|
| 1    | 9314 8699 0430 0095 2175 47 | New Mexico State Land Office<br>310 Old Santa Fe Trail<br>Santa Fe NM 87501   | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF<br>Notice |
| 2    | 9314 8699 0430 0095 2175 54 | Marathon Oil Production Company, LP<br>2100 McKinney Ave., Suite 1770<br>Dallas TX 75201  | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF<br>Notice |
| 3    | 9314 8699 0430 0095 2175 61 | COG Operating LLC<br>600 W. Illinois Ave.<br>Midland TX 79701   | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF<br>Notice |
| 4    | 9314 8699 0430 0095 2175 78 | COG Production, LLC<br>600 W. Illinois Ave.<br>Midland TX 79701   | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF<br>Notice |
| 5    | 9314 8699 0430 0095 2175 85 | United States of America, BLM<br>301 Dinosaur Trail<br>Santa Fe NM 87508  | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF<br>Notice |
| 6    | 9314 8699 0430 0095 2175 92 | Chevron USA, Inc.<br>6301 Deaubille Blvd.<br>Midland TX 79706   | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF<br>Notice |
| 7    | 9314 8699 0430 0095 2176 08 | Devon Energy Production Company, LP<br>333 West Sheridan Ave.<br>Oklahoma City OK 73102   | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF<br>Notice |
| 8    | 9314 8699 0430 0095 2176 15 | Green Ribbon, Inc.<br>828 East Edgehill Rd.<br>Salt Lake City UT 84103  | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF<br>Notice |
| 9    | 9314 8699 0430 0095 2176 22 | Bernard A. Winder and Grace S. Winer, Trustees of<br>Bernard and Grace Winer Living Trust<br>4758 SW Eddy St.<br>Seattle WA 98136 | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF<br>Notice |
| 10   | 9314 8699 0430 0095 2176 39 | Grimes 710, LLC<br>PO Box 2006<br>Midland TX 79702  | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF<br>Notice |
| 11   | 9314 8699 0430 0095 2176 46 | Lacy Dinsmoor Roop 1999 Revocable Management<br>Trust<br>3109 C.R. 264<br>Breckenridge TX 76424                                   | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF<br>Notice |
| 12   | 9314 8699 0430 0095 2176 53 | Doris Earline Freeman<br>505 Apple Tree Court<br>Saginaw TX 76179   | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF<br>Notice |
| 13   | 9314 8699 0430 0095 2176 60 | Mongoose Minerals, LLC<br>PO Box 3011<br>Midland TX 79702   | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF<br>Notice |
| 14   | 9314 8699 0430 0095 2176 77 | Young Minerals Company<br>750 W. Fifth St.<br>Fort Worth TX 76102   | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF<br>Notice |



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

PS Form 3877

Type of Mailing: CERTIFIED MAIL  
 05/12/2022

Firm Mailing Book ID: 227644

| Line | USPS Article Number         | Name, Street, City, State, Zip   | Postage | Service Fee | RR Fee | Rest.Del.Fee | Reference Contents   |
|------|-----------------------------|--|---------|-------------|--------|--------------|----------------------|
| 15   | 9314 8699 0430 0095 2176 84 | VPD New Mexico Royalty, LLC<br>2100 McKinney Ave., Suite 1770<br>Dallas TX 75201       | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF Notice |
| 16   | 9314 8699 0430 0095 2176 91 | Malaga Royalty, LLC<br>P.O. Box 2064<br>Midland TX 79702                               | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF Notice |
| 17   | 9314 8699 0430 0095 2177 07 | Malaga EF7, LLC<br>PO Box 2064<br>Midland TX 79702                                     | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF Notice |
| 18   | 9314 8699 0430 0095 2177 14 | Crown Oil Partners, LP<br>PO Box 50820<br>Midland TX 79710                             | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF Notice |
| 19   | 9314 8699 0430 0095 2177 21 | Post Oak Crowck IV-B, LLC<br>34 S. Wynden Drive<br>Houston TX 77056                    | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF Notice |
| 20   | 9314 8699 0430 0095 2177 38 | Post Oak IV, LLC<br>34 S. Wynden Drive<br>Houston TX 77056                             | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF Notice |
| 21   | 9314 8699 0430 0095 2177 45 | Collins & Jones Investments, LLC<br>508 W. Wall Street, Suite 1200<br>Midland TX 79701 | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF Notice |
| 22   | 9314 8699 0430 0095 2177 52 | Mavros Minerals, LLC<br>PO Box 50820<br>Midland TX 79710                               | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF Notice |
| 23   | 9314 8699 0430 0095 2177 69 | LMC Energy, LLC<br>550 W. Texas Ave., Ste 945<br>Midland TX 79701                      | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF Notice |
| 24   | 9314 8699 0430 0095 2177 76 | Gerard G. Vavrek<br>1521 2nd Ave. #1604<br>Seattle WA 98101                            | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF Notice |
| 25   | 9314 8699 0430 0095 2177 83 | Jesse A. Faught, Jr.<br>4307 Crestgate Ave.<br>Midland TX 79707                        | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF Notice |
| 26   | 9314 8699 0430 0095 2177 90 | H. Jason Wacker<br>5601 Hillcrest<br>Midland TX 79707                                  | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF Notice |
| 27   | 9314 8699 0430 0095 2178 06 | Oak Valley Mineral and Land, LP<br>4000 N. Big Spring, Suite 310<br>Midland TX 79705   | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF Notice |
| 28   | 9314 8699 0430 0095 2178 13 | David W. Cromwell<br>2008 Country Club Dr.<br>Midland TX 79701                         | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF Notice |
| 29   | 9314 8699 0430 0095 2178 20 | Kaleb Smith<br>PO Box 50820<br>Midland TX 79710  | \$1.56  | \$3.75      | \$1.85 | \$0.00       | 10154.0001 PF Notice |



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

PS Form 3877

Type of Mailing: CERTIFIED MAIL  
05/12/2022

Firm Mailing Book ID: 227644

| Line                | USPS Article Number         | Name, Street, City, State, Zip                               | Postage        | Service Fee     | RR Fee         | Rest.Del.Fee    | Reference Contents      |
|---------------------|-----------------------------|--|----------------|-----------------|----------------|-----------------|-------------------------|
| 30                  | 9314 8699 0430 0095 2178 37 | Mike Moylett<br>PO Box 50820<br>Midland TX 79710             | \$1.56         | \$3.75          | \$1.85         | \$0.00          | 10154.0001 PF<br>Notice |
| 31                  | 9314 8699 0430 0095 2178 44 | Deane Durham<br>PO Box 50820<br>Midland TX 79710             | \$1.56         | \$3.75          | \$1.85         | \$0.00          | 10154.0001 PF<br>Notice |
| 32                  | 9314 8699 0430 0095 2178 51 | Eleanor Jean Hopper<br>3102 Sentinel Dr.<br>Midland TX 79701 | \$1.56         | \$3.75          | \$1.85         | \$0.00          | 10154.0001 PF<br>Notice |
| <b>Totals:</b>      |                             |  | <b>\$49.92</b> | <b>\$120.00</b> | <b>\$59.20</b> | <b>\$0.00</b>   |                         |
| <b>Grand Total:</b> |                             |  |                |                 |                | <b>\$229.12</b> |                         |

|   |   |   |               |
|---|---|---|---------------|
| <b>List Number of Pieces<br/>Listed by Sender</b> | <b>Total Number of Pieces<br/>Received at Post Office</b> | <b>Postmaster:<br/>Name of receiving employee</b> | <b>Dated:</b> |
|---|---|---|---------------|

32



Transaction Report Details - CertifiedPro.net  
 Firm Mail Book ID: 227644  
 Generated: 5/27/2022 12:51:39 PM

| USPS Article Number    | Date Created       | Reference Number | Name 1   | Name 2                               | Address1                       | City           | State | Zip   | Mailing Status |
|------------------------|--------------------|------------------|--|--------------------------------------|--------------------------------|----------------|-------|-------|----------------|
| 9314869904300095217851 | 2022-05-12 9:12 AM | 10154.0001 PF    | Eleanor Jean Hopper                                |                                      | 3102 Sentinel Dr.              | Midland        | TX    | 79701 | Undelivered    |
| 9314869904300095217844 | 2022-05-12 9:12 AM | 10154.0001 PF    | Deane Durham                                       |                                      | PO Box 50820                   | Midland        | TX    | 79710 | Delivered      |
| 9314869904300095217837 | 2022-05-12 9:12 AM | 10154.0001 PF    | Mike Moylett                                       |                                      | PO Box 50820                   | Midland        | TX    | 79710 | Delivered      |
| 9314869904300095217820 | 2022-05-12 9:12 AM | 10154.0001 PF    | Kaleb Smith  |                                      | PO Box 50820                   | Midland        | TX    | 79710 | Delivered      |
| 9314869904300095217813 | 2022-05-12 9:12 AM | 10154.0001 PF    | David W. Cromwell                                  |                                      | 2008 Country Club Dr.          | Midland        | TX    | 79701 | Delivered      |
| 9314869904300095217806 | 2022-05-12 9:12 AM | 10154.0001 PF    | Oak Valley Mineral and Land, LP                    |                                      | 4000 N. Big Spring, Suite 310  | Midland        | TX    | 79705 | Delivered      |
| 9314869904300095217790 | 2022-05-12 9:12 AM | 10154.0001 PF    | H. Jason Wacker                                    |                                      | 5601 Hillcrest                 | Midland        | TX    | 79707 | Undelivered    |
| 9314869904300095217783 | 2022-05-12 9:12 AM | 10154.0001 PF    | Jesse A. Faight, Jr.                               |                                      | 4307 Crestgate Ave.            | Midland        | TX    | 79707 | Delivered      |
| 9314869904300095217776 | 2022-05-12 9:12 AM | 10154.0001 PF    | Gerard G. Vavrek                                   |                                      | 1521 2nd Ave. #1604            | Seattle        | WA    | 98101 | Delivered      |
| 9314869904300095217769 | 2022-05-12 9:12 AM | 10154.0001 PF    | LMC Energy, LLC                                    |                                      | 550 W. Texas Ave., Ste 945     | Midland        | TX    | 79701 | Delivered      |
| 9314869904300095217752 | 2022-05-12 9:12 AM | 10154.0001 PF    | Mavros Minerals, LLC                               |                                      | PO Box 50820                   | Midland        | TX    | 79710 | Delivered      |
| 9314869904300095217745 | 2022-05-12 9:12 AM | 10154.0001 PF    | Collins & Jones Investments, LLC                   |                                      | 508 W. Wall Street, Suite 1200 | Midland        | TX    | 79701 | Undelivered    |
| 9314869904300095217738 | 2022-05-12 9:12 AM | 10154.0001 PF    | Post Oak IV, LLC                                   |                                      | 34 S. Wynden Drive             | Houston        | TX    | 77056 | Undelivered    |
| 9314869904300095217721 | 2022-05-12 9:12 AM | 10154.0001 PF    | Post Oak Crowck IV-B, LLC                          |                                      | 34 S. Wynden Drive             | Houston        | TX    | 77056 | Undelivered    |
| 9314869904300095217714 | 2022-05-12 9:12 AM | 10154.0001 PF    | Crown Oil Partners, LP                             |                                      | PO Box 50820                   | Midland        | TX    | 79710 | Delivered      |
| 9314869904300095217707 | 2022-05-12 9:12 AM | 10154.0001 PF    | Malaga EF7, LLC                                    |                                      | PO Box 2064                    | Midland        | TX    | 79702 | Delivered      |
| 9314869904300095217691 | 2022-05-12 9:12 AM | 10154.0001 PF    | Malaga Royalty, LLC                                |                                      | P.O. Box 2064                  | Midland        | TX    | 79702 | Delivered      |
| 9314869904300095217684 | 2022-05-12 9:12 AM | 10154.0001 PF    | VPD New Mexico Royalty, LLC                        |                                      | 2100 McKinney Ave., Suite 1770 | Dallas         | TX    | 75201 | Delivered      |
| 9314869904300095217677 | 2022-05-12 9:12 AM | 10154.0001 PF    | Young Minerals Company                             |                                      | 750 W. Fifth St.               | Fort Worth     | TX    | 76102 | Delivered      |
| 9314869904300095217660 | 2022-05-12 9:12 AM | 10154.0001 PF    | Mongoose Minerals, LLC                             |                                      | PO Box 3011                    | Midland        | TX    | 79702 | Undelivered    |
| 9314869904300095217653 | 2022-05-12 9:12 AM | 10154.0001 PF    | Doris Earline Freeman                              |                                      | 505 Apple Tree Court           | Saginaw        | TX    | 76179 | Delivered      |
| 9314869904300095217646 | 2022-05-12 9:12 AM | 10154.0001 PF    | Lacy Dinsmoor Roop 1999 Revocable Management Trust |                                      | 3109 C.R. 264                  | Breckenridge   | TX    | 76424 | Delivered      |
| 9314869904300095217639 | 2022-05-12 9:12 AM | 10154.0001 PF    | Grimes 710, LLC                                    |                                      | PO Box 2006                    | Midland        | TX    | 79702 | Delivered      |
| 9314869904300095217622 | 2022-05-12 9:12 AM | 10154.0001 PF    | Bernard A. Windar and Grace S. Winer, Trustees of  | Bernard and Grace Winer Living Trust | 4758 SW Eddy St.               | Seattle        | WA    | 98136 | Delivered      |
| 9314869904300095217615 | 2022-05-12 9:12 AM | 10154.0001 PF    | Green Ribbon, Inc.                                 |                                      | 828 East Edgehill Rd.          | Salt Lake City | UT    | 84103 | Delivered      |
| 9314869904300095217608 | 2022-05-12 9:12 AM | 10154.0001 PF    | Devon Energy Production Company, LP                |                                      | 333 West Sheridan Ave.         | Okalahoma City | OK    | 73102 | Delivered      |
| 9314869904300095217592 | 2022-05-12 9:12 AM | 10154.0001 PF    | Chevron USA, Inc.                                  |                                      | 6301 Deaubille Blvd.           | Midland        | TX    | 79706 | Undelivered    |
| 9314869904300095217585 | 2022-05-12 9:12 AM | 10154.0001 PF    | United States of America, BLM                      |                                      | 301 Dinosaur Trail             | Santa Fe       | NM    | 87508 | Delivered      |
| 9314869904300095217578 | 2022-05-12 9:12 AM | 10154.0001 PF    | COG Production, LLC                                |                                      | 600 W. Illinois Ave.           | Midland        | TX    | 79701 | Delivered      |
| 9314869904300095217561 | 2022-05-12 9:12 AM | 10154.0001 PF    | COG Operating LLC                                  |                                      | 600 W. Illinois Ave.           | Midland        | TX    | 79701 | Delivered      |
| 9314869904300095217554 | 2022-05-12 9:12 AM | 10154.0001 PF    | Marathon Oil Production Company, LP                |                                      | 2100 McKinney Ave., Suite 1770 | Dallas         | TX    | 75201 | Delivered      |
| 9314869904300095217547 | 2022-05-12 9:12 AM | 10154.0001 PF    | New Mexico State Land Office                       |                                      | 310 Old Santa Fe Trail         | Santa Fe       | NM    | 87501 | Delivered      |

LEGAL NOTICE  
May 15, 2022

# Affidavit of Publication


STATE OF NEW MEXICO  
COUNTY OF LEA

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  
May 15, 2022  
and ending with the issue dated  
May 15, 2022.

  
\_\_\_\_\_  
Publisher

Sworn and subscribed to before me this  
15th day of May 2022.

  
\_\_\_\_\_  
Business Manager

My commission expires  
January 29, 2023  
(Seal)

GUSSIE BLACK  
Notary Public - State of New Mexico  
Commission # 1087526  
My Comm. Expires Jan 29, 2023

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

**CASE NO. 22818:** Notice to all affected parties, as well as the heirs and devisees of New Mexico State Land Office; Marathon Oil Production Company, LP; COG Operating LLC; COG Production, LLC; United States of America, BLM; Chevron USA, Inc.; Devon Energy Production Company, LP; Green Ribbon, Inc.; Bernard A. Winder and Grace S. Winer, Trustees of Bernard and Grace Winder Living Trust; Grimes 710, llc; Lacy Dinsmoor Roop 1999 Revocable Management Trust; Doris Earline Freeman; Mongoose Minerals, LLC; Young Minerals Company; VPD New Mexico Royalty, LLC; Malaga Royalty, LLC; Malaga EF7, LLC; Crown Oil Partners, LP; Post Oak Crowck IV-B, LLC; Post Oak IV, LLC; Collins & Jones Investments, LLC; Mavros Minerals, LLC; LMC Energy, LLC; Gerard G. Vavrek; Jesse A. Faught, Jr.; H. Jason Wacker; Oak Valley Mineral and Land, LP; David W. Cromwell; Kaleb Smith, Mike Moylett; Deanne Durham, Eleanor Jean Hopper of Franklin Mountain Energy LLC's application for compulsory pooling, Lea County, New Mexico. The State of New Mexico, through its Oil Conservation Division, hereby gives notice that the Division will conduct a public hearing at 8:51 a.m. on June 2, 2022, to consider this application. Applicant seeks an order from the Division pooling all uncommitted mineral interests within a 320-acre, more or less, Leonard horizontal spacing unit underlying the W/2 W/2 of Sections 1 and 12, Township 26 South, Range 35 East, NMPM, Lea County, New Mexico. This spacing unit will be dedicated to the PF Fed Com 101H well, to be horizontally drilled. The producing area for the well will be orthodox. Also to be considered will be the cost of drilling and completing said well, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Franklin Mountain Energy, LLC as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 8 miles Southwest from Jal, New Mexico.

**CASE NO. 22819:** Notice to all affected parties, as well as the heirs and devisees of New Mexico State Land Office; Marathon Oil Production Company, LP; COG Operating LLC; COG Production, LLC; United States of America, BLM; Chevron USA, Inc.; Devon Energy Production Company, LP; Green Ribbon, Inc.; Bernard A. Winder and Grace S. Winer, Trustees of Bernard and Grace Winder Living Trust; Grimes 710, llc; Lacy Dinsmoor Roop 1999 Revocable Management Trust; Doris Earline Freeman; Mongoose Minerals, LLC; Young Minerals Company; VPD New Mexico Royalty, LLC; Malaga Royalty, LLC; Malaga EF7, LLC; Crown Oil Partners, LP; Post Oak Crowck IV-B, LLC; Post Oak IV, LLC; Collins & Jones Investments, LLC; Mavros Minerals, LLC; LMC Energy, LLC; Gerard G. Vavrek; Jesse A. Faught, Jr.; H. Jason Wacker; Oak Valley Mineral and Land, LP; David W. Cromwell; Kaleb Smith, Mike Moylett; Deanne Durham, Eleanor Jean Hopper of Franklin Mountain Energy LLC's application for compulsory pooling, Lea County, New Mexico. The State of New Mexico, through its Oil Conservation Division, hereby gives notice that the Division will conduct a public hearing at 8:51 a.m. on June 2, 2022, to consider this application. Applicant seeks an order from the Division pooling all uncommitted mineral interests within a 360-acre, more or less, Leonard horizontal spacing unit underlying the E/2 W/2 of Sections 1 and 12, and the NE/4 NW/4 of Section 13, Township 26 South, Range 35 East, NMPM, Lea County, New Mexico. This spacing unit will be dedicated to the PF Fed Com 102H well, to be horizontally drilled. The producing area for the well will be orthodox. Also to be considered will be the cost of drilling and completing said well, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Franklin Mountain Energy, LLC as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 8 miles Southwest from Jal, New Mexico.

**CASE NO. 22820:** Notice to all affected parties, as well as the heirs and devisees of New Mexico State Land Office; Marathon Oil Production Company, LP; COG Operating LLC; COG Production, LLC; United States of America, BLM; Chevron USA, Inc.; Devon Energy Production Company, LP; Green Ribbon, Inc.; Bernard A. Winder and Grace S. Winer, Trustees of Bernard and Grace Winder Living Trust; Grimes 710, llc; Lacy Dinsmoor Roop 1999 Revocable Management Trust; Doris Earline Freeman; Mongoose Minerals, LLC; Young Minerals Company; VPD New Mexico Royalty, LLC; Malaga Royalty, LLC; Malaga EF7, LLC; Crown Oil Partners, LP; Post Oak Crowck IV-B, LLC; Post Oak IV, LLC; Collins & Jones Investments, LLC; Mavros Minerals, LLC; LMC Energy, LLC; Gerard G. Vavrek; Jesse A. Faught, Jr.; H. Jason Wacker; Oak Valley Mineral and Land, LP; David W. Cromwell; Kaleb Smith, Mike Moylett; Deanne Durham, Eleanor Jean Hopper of Franklin Mountain Energy LLC's application for compulsory pooling, Lea County, New Mexico. The State of New Mexico, through its Oil Conservation Division, hereby gives notice that the Division will conduct a public hearing at 8:51 a.m. on June 2, 2022, to consider this application. Applicant seeks an order from the Division pooling all uncommitted mineral interests within a 360-acre, more or less, Leonard horizontal spacing unit underlying the W/2 E/2 of Sections 1 and 12, and the NW/4 NE/4 of Section 13, Township 26 South, Range 35 East, NMPM, Lea County, New Mexico. This spacing unit will be dedicated to the PF Fed Com 103H well, to be horizontally drilled. The producing area for the well will be orthodox. Also to be considered will be the cost of drilling and completing said well, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Franklin Mountain Energy, LLC as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 8 miles Southwest from Jal, New Mexico.

**CASE NO. 22821:** Notice to all affected parties, as well as the heirs and devisees of New Mexico State Land Office; Marathon Oil Production Company, LP; COG Operating LLC; COG Production, LLC; United States of America, BLM; Chevron USA, Inc.; Devon Energy Production Company, LP; Green Ribbon, Inc.; Bernard A. Winder and Grace S. Winer, Trustees of Bernard and Grace Winder Living Trust; Grimes 710, llc; Lacy Dinsmoor Roop 1999 Revocable Management Trust; Doris Earline Freeman; Mongoose Minerals, LLC; Young Minerals Company; VPD New Mexico Royalty, LLC; Malaga Royalty, LLC; Malaga EF7, LLC; Crown Oil Partners, LP; Post Oak Crowck IV-B, LLC; Post Oak IV, LLC; Collins & Jones Investments, LLC; Mavros Minerals, LLC; LMC Energy, LLC; Gerard G. Vavrek; Jesse A. Faught, Jr.; H. Jason Wacker; Oak Valley Mineral and Land, LP; David W. Cromwell; Kaleb Smith, Mike Moylett; Deanne Durham, Eleanor Jean Hopper of Franklin Mountain Energy LLC's application for compulsory pooling, Lea County, New Mexico. The State of New Mexico, through its Oil Conservation Division, hereby gives notice that the Division will conduct a public hearing at 8:51 a.m. on June 2, 2022, to consider this application. Applicant seeks an order from the Division pooling all uncommitted mineral interests within a 320-acre, more or less, Leonard horizontal spacing unit underlying the E/2 E/2 of Sections 1 and 12, Township 26 South, Range 35 East, NMPM, Lea County, New Mexico. This spacing unit will be dedicated to the PF Fed Com 104H well, to be horizontally drilled. The producing area for the well will be orthodox. Also to be considered will be the cost of drilling and completing said well, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Franklin Mountain Energy, LLC as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 8 miles Southwest from Jal, New Mexico.  
#37657





MODRALL SPERLING

L A W Y E R S

May 12, 2022

Deana M. Bennett  
505.848.1834  
Deana.Bennett@modrall.com

**VIA CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

**Re: APPLICATION OF FRANKLIN MOUNTAIN ENERGY, LLC  
FOR COMPULSORY POOLING, LEA COUNTY, NEW  
MEXICO.**

**CASE NO. 22818**

**APPLICATION OF FRANKLIN MOUNTAIN ENERGY, LLC  
FOR COMPULSORY POOLING, LEA COUNTY, NEW  
MEXICO.**

**CASE NO. 222819**

**APPLICATION OF FRANKLIN MOUNTAIN ENERGY, LLC  
FOR COMPULSORY POOLING, LEA COUNTY, NEW  
MEXICO.**

**CASE NO. 22820**

**APPLICATION OF FRANKLIN MOUNTAIN ENERGY, LLC  
FOR COMPULSORY POOLING, LEA COUNTY, NEW  
MEXICO.**

**CASE NO. 22821**

**TO: AFFECTED PARTIES**

This letter is to advise you that Franklin Mountain Energy, LLC ("FME") has filed the above-listed applications.

In Case No. 22818, FME seeks an order from the Division pooling all uncommitted mineral interests within a 320-acre, more or less, Leonard horizontal spacing unit underlying the W/2 W/2 of Sections 1 and 12, Township 26 South, Range 35 East, NMPM, Lea County, New Mexico. This spacing unit will be dedicated to the PF Fed Com 101H well, to be horizontally drilled. The producing area for the well will be orthodox. Also to be considered will be the cost of drilling and completing said well, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Franklin

Modrall Sperling  
Roehl Harris & Sisk P.A.  
500 Fourth Street NW  
Suite 1000  
Albuquerque,  
New Mexico 87102  
  
PO Box 2168  
Albuquerque,  
New Mexico 87103-2168  
  
Tel: 505.848.1800  
www.modrall.com

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Mountain Energy, LLC as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 8 miles Southwest from Jal, New Mexico.

In Case No. 22819, FME seeks an order from the Division pooling all uncommitted mineral interests within a 360-acre, more or less, Leonard horizontal spacing unit underlying the E/2 W/2 of Sections 1 and 12, and the NE/4 NW/4 of Section 13, Township 26 South, Range 35 East, NMPM, Lea County, New Mexico. This spacing unit will be dedicated to the PF Fed Com 102H well, to be horizontally drilled. The producing area for the well will be orthodox. Also to be considered will be the cost of drilling and completing said well, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Franklin Mountain Energy, LLC as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 8 miles Southwest from Jal, New Mexico.

In Case No. 22820, FME seeks an order from the Division pooling all uncommitted mineral interests within a 360-acre, more or less, Leonard horizontal spacing unit underlying the W/2 E/2 of Sections 1 and 12, and the NW/4 NE/4 of Section 13, Township 26 South, Range 35 East, NMPM, Lea County, New Mexico. This spacing unit will be dedicated to the PF Fed Com 103H well, to be horizontally drilled. The producing area for the well will be orthodox. Also to be considered will be the cost of drilling and completing said well, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Franklin Mountain Energy, LLC as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 8 miles Southwest from Jal, New Mexico.

In Case No. 22821, FME seeks an order from the Division pooling all uncommitted mineral interests within a 320-acre, more or less, Leonard horizontal spacing unit underlying the E/2 E/2 of Sections 1 and 12, Township 26 South, Range 35 East, NMPM, Lea County, New Mexico. This spacing unit will be dedicated to the PF Fed Com 104H well, to be horizontally drilled. The producing area for the well will be orthodox. Also to be considered will be the cost of drilling and completing said well, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Franklin Mountain Energy, LLC as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 8 miles Southwest from Jal, New Mexico.

**During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. The hearing will be conducted on June 2, 2022 beginning at 8:15 a.m. To participate in**

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**the electronic hearing, see the instructions posted on the docket for the hearing date: <http://www.emnrd.state.nm.us/OCD/hearings.html>.**

As a party who may be affected by these applications, we are notifying you of your right to appear at the hearing and participate in the cases, 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 cases at a later date.

You are further notified that if you desire to appear in these cases, 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, on the Thursday preceding the scheduled hearing date, with a copy delivered to the undersigned.

Sincerely,



Deana M. Bennett  
*Attorney for Applicant*

**ILONA T. HOANG**

M: 970-901-2200 | email: ihoang@fmellc.com

**PRIMARY WORK EXPERIENCE****FRANKLIN MOUNTAIN ENERGY, LLC**

Denver, CO

*Private equity-backed Upstream Oil and Gas - Delaware Basin*Landman

October 2021 – Present

- Efficiently collaborating with cross-functional team members (G&G, drilling, completions, facilities, and regulatory) on planning and execution of a 4-rig drilling program (\$1.5B+ in gross DC&E)
- Ensuring regulatory and legal compliance through working closely with in-house Regulatory and Legal departments, as well as State and Federal agencies
- Responsible for operations Land functions including title examination, lease acquisitions, obtaining abstracts and drilling and division order title opinions, curative
- Negotiating and drafting legal agreements (Operating Agreements, Communitization Agreements, Designations of Pooled Unit, MSA)

**EOG RESOURCES, INC.**

Denver, CO

*Publicly Traded Upstream Oil and Gas - Denver Division - Rockies and Bakken*Landman

May 2019 - October 2021

- Successfully trained and led a team of two in the 2-rig program; brought 96 wells online in 18 months
- Worked with IT and land administration to build a database / application to track at-risk Federal acreage in the Powder River Basin
- Collaborated with a team of engineers, geologists, and geophysicists to create a project management app to help push through federal permits for 1K+ locations in 6 months, securing 1K+ drilling locations
- Provided full Division of Interest for 50+ wells in the DJ Basin (200 owners average per DSU)
- Divested of ~10M in non-core acreage in the Bakken

**ANTERO RESOURCES (2016); QEP RESOURCES (2017); CDEV INC. (2018)**

Denver, CO

*Upstream Oil and Gas - Marcellus, Bakken, and Delaware Basins respectively*Landman Intern

May 2016 - May 2018

- Prepared and reviewed divestiture documents and exhibits for EnergyNet non-op acreage sales
- Finished summer projects ahead of time (owner suspense review and escheat) and took on extra projects at QEP
- Acted as a full-time landman in senior year internship at CDEV under the mentorship of a Sr. Landman

**EDUCATION****WESTERN COLORADO UNIVERSITY**

Gunnison, CO

*Bachelor of Business Administration: Emphasis in Energy Management (GPA: 3.94); Summa Cum Laude*

Graduated 2019

- Dean's List; received 14 merit scholarships; Outstanding Senior Scholarship (sole recipient of ~400 seniors)
- Helped peers secure internships, coordinated with recruiters, led interview / resume workshops
- Teaching Assistant for the Energy Seminar
- Awarded 2<sup>nd</sup> place in Daniels Fund Business Ethics Case Competition in 2018 (~70 participants)

**BELARUSIAN STATE UNIVERSITY**

Minsk, Belarus

*Specialist Diploma: International Law (2 of 5 years)*

2014

- One of ten recipients of full-ride academic scholarship (0.1% of class); basketball team point guard

**PROFESSIONAL AFFILIATIONS**

- **American Association of Professional Landmen:** Active Member since 2016
- **Denver Association of Professional Landmen:** Active Member since 2016

**ADDITIONAL**

- **Languages:** Russian (native speaker), Belarusian (native speaker), Vietnamese (native speaker)
- **Activities:** Volunteering for Habitat for Humanity for >7 years; Crested Butte Music Festival: interpreter for Russian-speaking international musicians and their staff



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

**APPLICATION OF FRANKLIN MOUNTAIN  
ENERGY, LLC FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.**

**CASE NO. 22819**

**SELF AFFIRMED DECLARATION OF BEN KESSEL**

Ben Kessel hereby states and declares as follows:

1. I am over the age of 18, I am a geologist for Franklin Mountain Energy, LLC (“Franklin”), and have personal knowledge of the matters stated herein. I have previously testified before the Oil Conservation Division (“Division”) and my credentials as an expert petroleum geologist were accepted by the Division as a matter of record.

2. My area of responsibility at Franklin includes the area of Lea County in New Mexico.

3. I am familiar with the application filed by Franklin in this case.

4. **Exhibit C.1** is a locator map showing the approximate location of the proposed unit in relation to the Capitan Reef.

5. **Exhibit C.2** is a wellbore schematic showing Franklin’s development plan, which includes the wells proposed in Case Numbers 22818 through 22821, including this case.

6. **Exhibit C.3** is structure map of the Leonard formation. The proposed spacing unit is identified by a blue box. The PF Fed Com 102H well is the black dashed line identified by the box labeled “1”. The contour interval used this exhibit is 25 feet. This exhibit shows that the structure dips gently to the southwest.



7. **Exhibit C.4** is a cross section reference map that identifies six wells in the vicinity of the proposed well, shown by a line of cross-section running from A to A'.

8. **Exhibit C.5** is a stratigraphic cross section hung on the top of the Leonard formation. The well logs on the cross-section give a representative sample of the Leonard formation in the area. The target zone is identified by a bracket and the words "Producing Interval". I have also identified where the proposed well falls within the wells I used for the cross-section.

9. In my opinion, the gross interval thickness increases slightly to the southeast.

10. **Exhibit C.6** is an Isoch of the Leonard formation. The gross interval thickness increases slightly to the southeast.

11. I conclude from the maps that:

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

12. **Exhibit C.7** provides an overview of the stress orientation in the area based on the 2018 Snee-Zoback paper.

13. The preferred well orientation in this area is either north/south or south/north, nearly orthogonal to  $S_{Hmax}$ , optimal for induced fracture propagation. This is because the  $S_{Hmax}$  is at approximately 265 degrees ENE in this area of Lea County.

14. I attest that the information provided herein is correct and complete to the best of my knowledge and belief.

15. In my opinion, the granting of Franklin's application is in the interests of conservation and the prevention of waste.

*[Signature page follows]*

I attest under penalty of perjury under the laws of the State of New Mexico that the information provided herein is correct and complete to the best of my knowledge and belief.

Dated: May 27<sup>th</sup> 2022

A handwritten signature in black ink, appearing to read 'Ben Kessel', is written over a horizontal line.

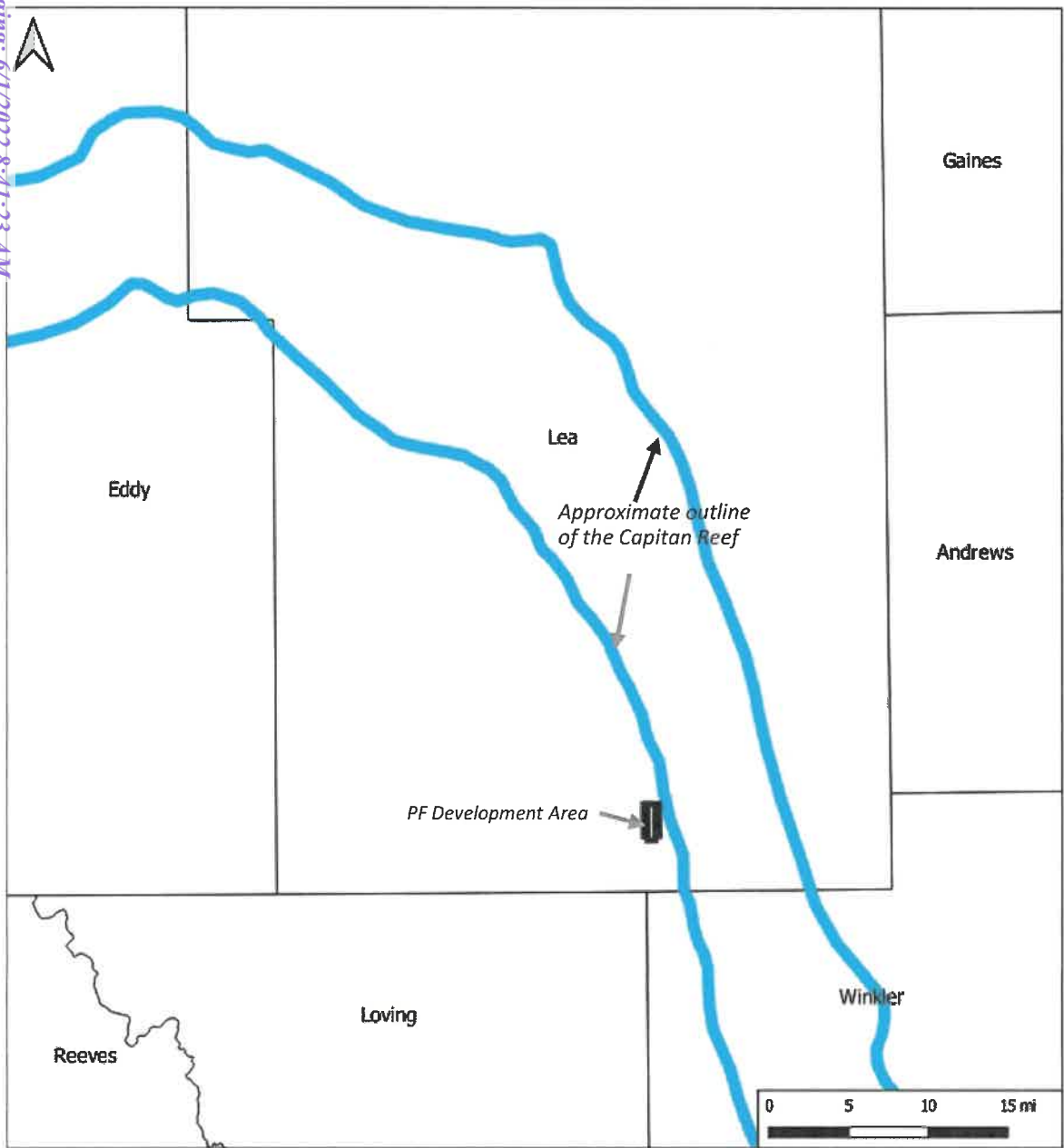
Ben Kessel



# PF Development



## Locator Map



- Black box shows the location of PF development area
- Planned wells are located outside of the western edge of the Capitan Reef

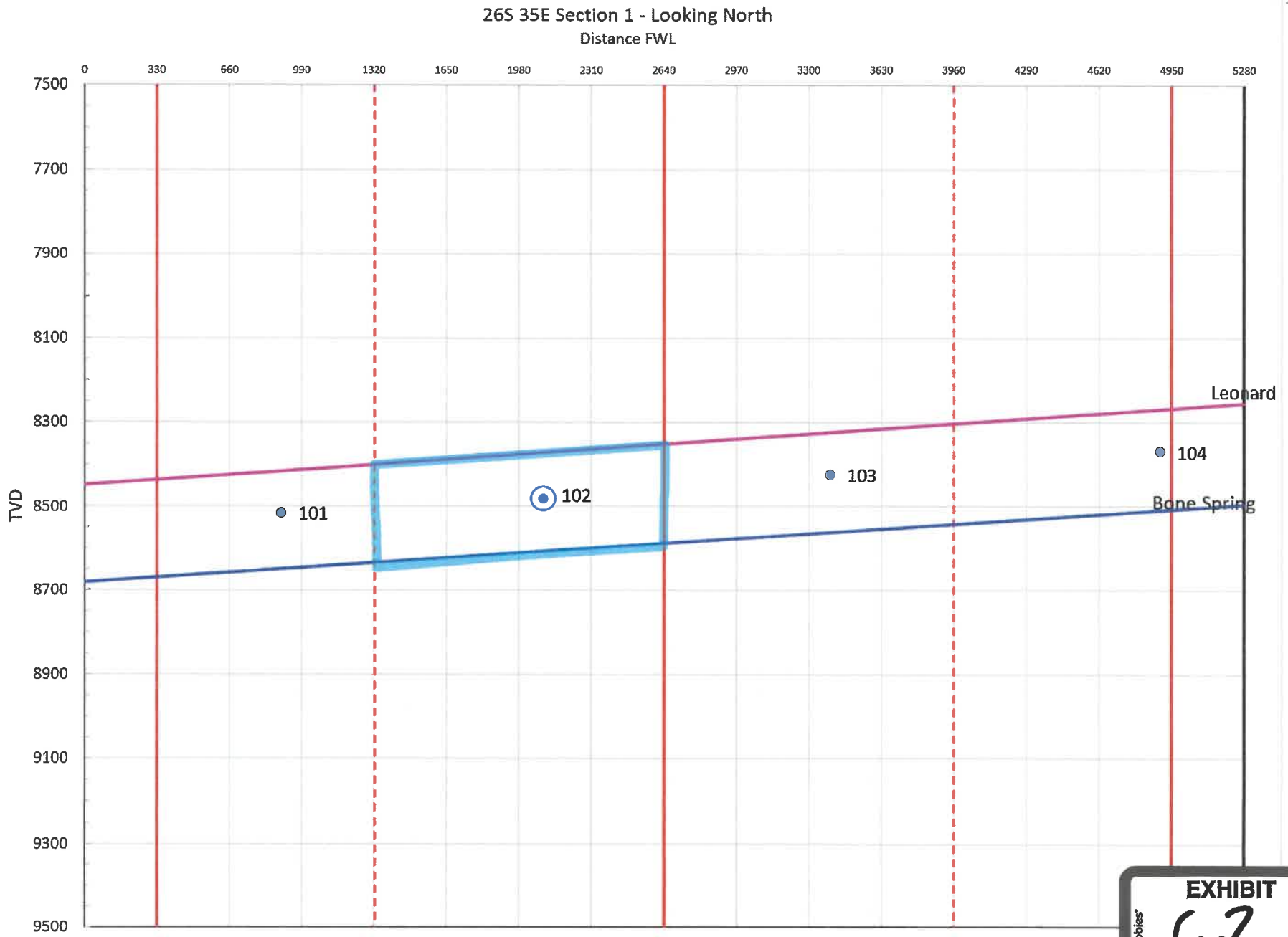


# Wellbore Schematic

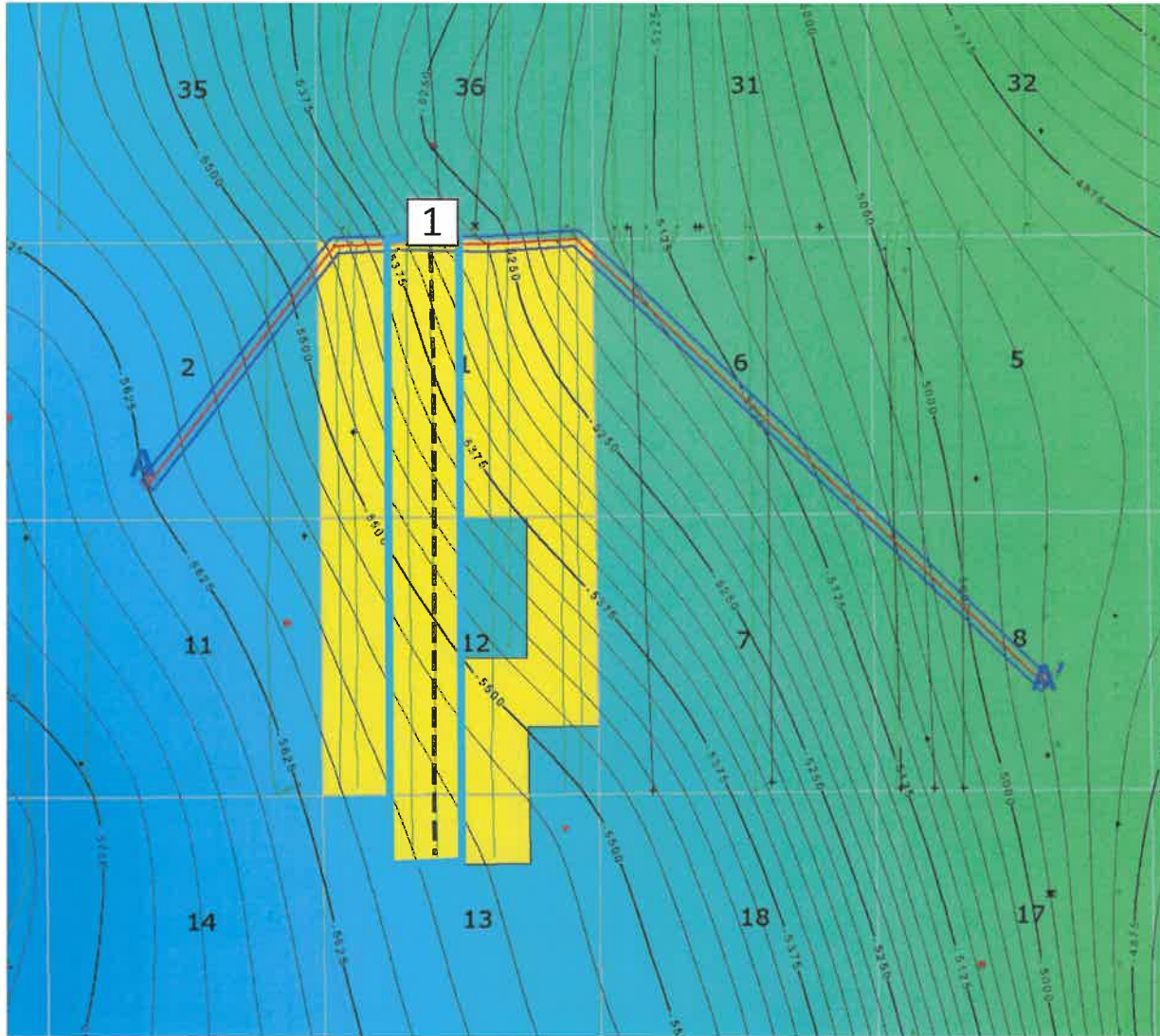






Released to Imaging: 6/1/2022 8:41:23 AM

Received by OCD: 5/31/2022 5:19:52 PM



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-  Franklin Mountain Acreage
-  Leonard Spacing Unit
-  Proposed Horizontal Location
-  PF Fed Com 102H

C.I. = 25'

1 mile

**EXHIBIT**  
**C.3**

# Leonard Cross Section Reference Map



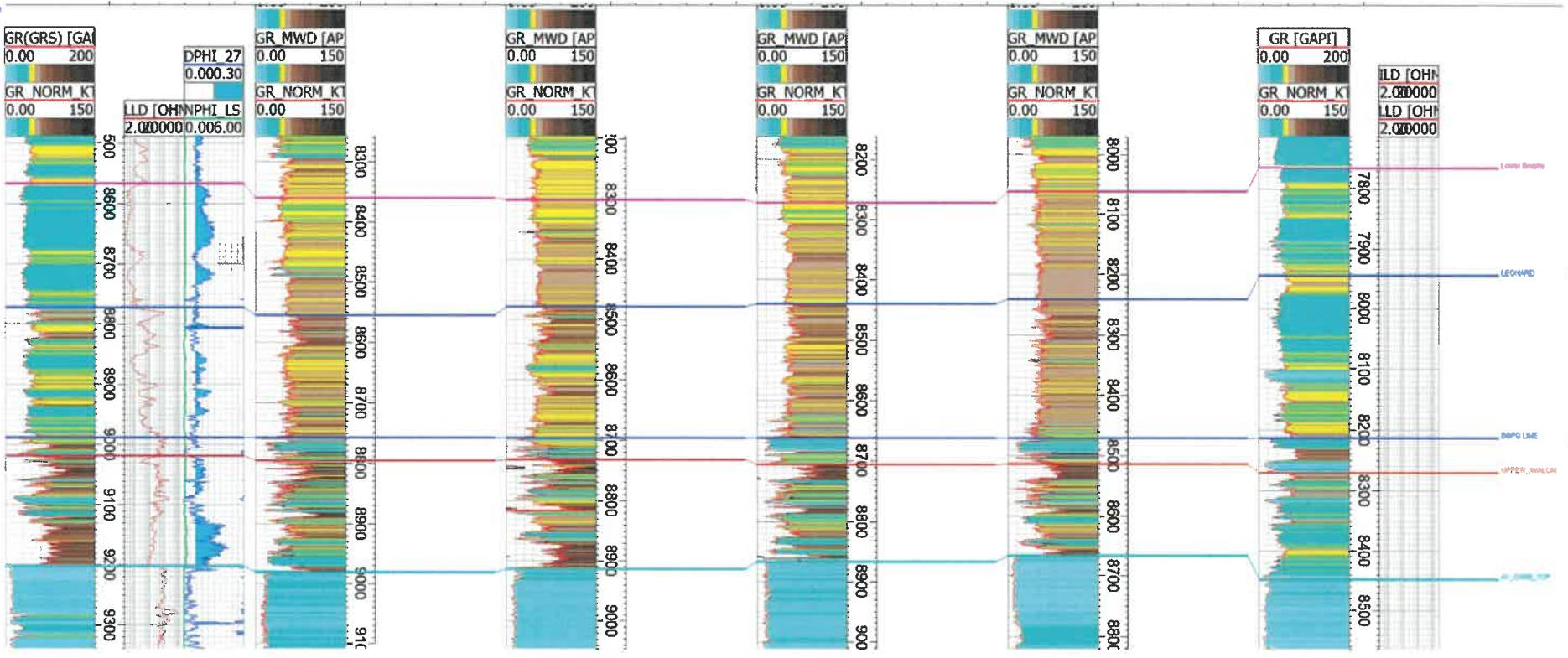
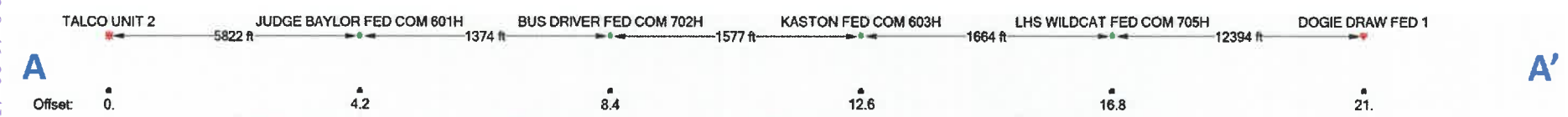
All wells shown

1 mile

- Franklin Mountain Acreage
- Leonard Spacing Unit
- Proposed Horizontal Location
- PF Fed Com 102H

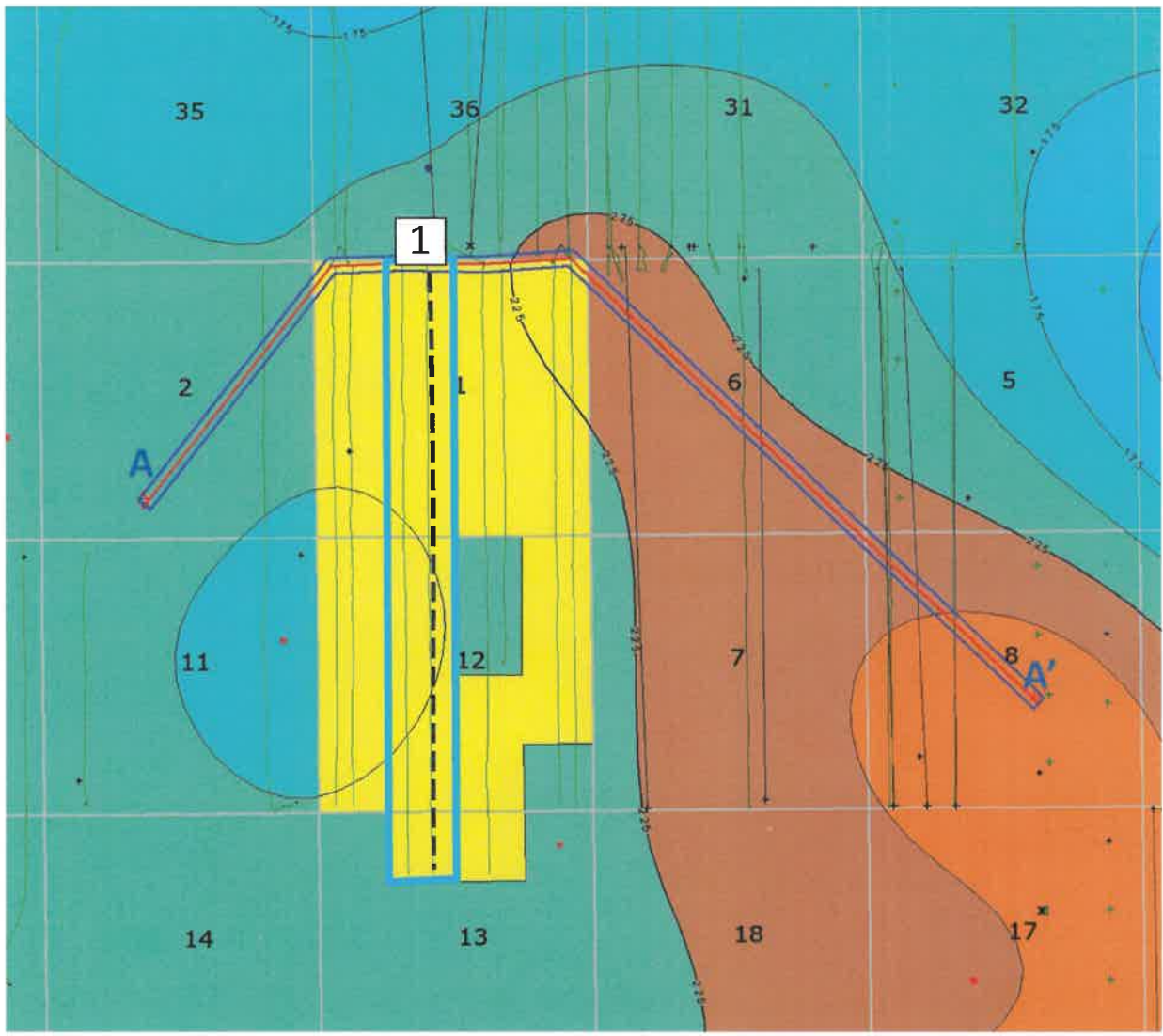






# Leonard Cross Section



102H

EXHIBIT C-5

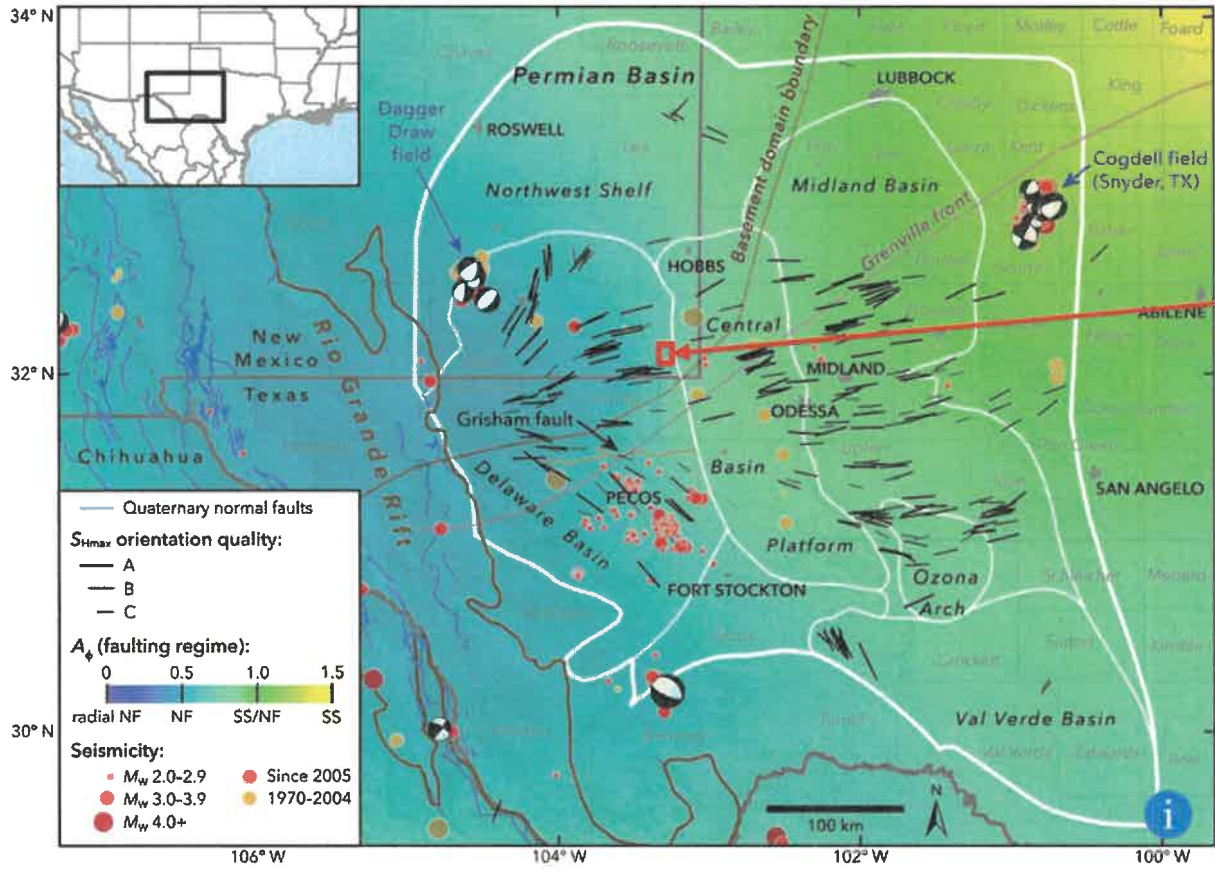


-  Franklin Mountain Acreage
-  Leonard Spacing Unit
-  Proposed Horizontal Location
-  PF Fed Com 102H

C.I. = 25'

1 mile





- Red box shows the approximate location of the PF development
- Reported local  $S_{Hmax}$  (Snee and Zoback, 2018) direction is ENE, around  $265^\circ$
- The PF Fed Com 102H well is planned to drill N-S, nearly orthogonal to  $S_{Hmax}$ , optimal for induced fracture propagation

Snee, J.L. and Zoback, M.D., 2018, State of stress in the Permian Basin, Texas and New Mexico: Implications for induced seismicity: The Leading Edge, 37, no. 2  
[http://www.tleonline.org/theleadingedge/february\\_2018/MobilePagedArticle.action?articleId=1331603#articleId1331603](http://www.tleonline.org/theleadingedge/february_2018/MobilePagedArticle.action?articleId=1331603#articleId1331603)

