APPLICATION OF PBEX OPERATIONG, LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

**CASE NO. 25155** 

# **EXHIBIT INDEX**

# **Compulsory Pooling Checklist**

Exhibit A	Self-Affirmed Statement of Ruth Pelzel
A-1	Application & Proposed Notice of Hearing
A-2	C-102
A-3	Plat of Tracts, Tract Ownership, Applicable Lease Numbers, Unit Recapitulation, Pooled Parties
A-4	Sample Well Proposal Letter & AFE
A-5	Chronology of Contact
Exhibit B	Self-Affirmed Statement of Matthew Pardee
B-1	Location Map
B-2	Subsea Structure Map
B-3	Cross Section Location Map
B-4	Stratigraphic Cross-Section
Exhibit C	Self-Affirmed Statement of Dana S. Hardy
C-1	Notice Letter to All Interested Parties Sent January 22, 2025
C-2	Chart of Notice to All Interested Parties
C-3	Copies of Certified Mail Receipts and Returns
C-4	Affidavit of Publication for January 29, 2025

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS						
Case: 25155	APPLICANT'S RESPONSE					
Hearing Date: March 13, 2025						
Applicant	PBEX Operations, LLC					
Designated Operator & OGRID (affiliation if applicable)	PBEX Operations, LLC (OGRID No. 332544)					
Applicant's Counsel: Case Title:	Hardy McLean LLC Application of PBEX Operations, LLC for Compulsory Pooling, Lea County, New Mexico.					
Entries of Appearance/Intervenors:	None					
Well Family	Moonraker					
Formation/Pool						
Formation Name(s) or Vertical Extent:	Bone Spring					
Primary Product (Oil or Gas):	Oil					
Pooling this vertical extent:	First Bone Spring interval of the Bone Spring formation, at depths lying between the stratigraphic equivalent of 9,115' and 9,244' TVD, as shown on the Lowell Federal #001 (API No. 30-025-31008) well log.					
Pool Name and Pool Code:	Tonto; Bone Spring (59475)					
Well Location Setback Rules:	Statewide					
Spacing Unit						
Type (Horizontal/Vertical)	Horizontal					
Size (Acres)	960 acres					
Building Blocks:	quarter-quarter					
Orientation:	North to South					
Description: TRS/County	W/2 of Sections 15, 22, and 27, Township 19 South, Range 33 East, Lea County					
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes.					
Other Situations						
Depth Severance: Y/N. If yes, description	Yes. Applicant seeks to pool uncommitted interests in the First Bone Spring interval of the Bone Spring formation, at depths lying between the stratigraphic equivalent of 9,115' and 9,244' TVD, as shown on the Lowell Federal #001 (API No. 30-025-31008) well log.					
Proximity Tracts: If yes, description	Yes. The Moonraker 15-27 Fed Com 101H well will be located within 330' of the quarter-quarter section line separating the W/2 W/2 and E/2 W/2 of Sections 15, 22, and 27 to allow for the creation of a 480-acre standard horizontal spacing unit.					
Proximity Defining Well: if yes, description	Moonraker 15-27 Fed Com 101H					
Applicant's Ownership in Each Tract	Exhibit A-3					
Well(s)						
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed					
Well #1	Moonraker 15-27 Fed Com 101H (API # pending) SHL: 703' FNL & 1,346' FWL (Unit C), Section 15, T19S-R33E BHL: 10' FSL & 1,020' FWL (Unit M), Section 27, T19S-R33E Completion Target: First Bone Spring (Approx. TVD: 9,180')					
Well #2	Moonraker 15-27 Fed Com 102H (API # pending) SHL: 704' FNL & 1,406' FWL (Unit C), Section 15, T19S-R33E BHL: 10' FSL & 2,310' FWL (Unit N), Section 27, T19S-R33E Completion Target: First Bone Spring (Approx. TVD: 9,180')					
Horizontal Well First and Last Take Points	Exhibit A-2					

Completion Target (Formation TVD and MD)  Received by OCD: 3/6/2025 4:03:05 PM	Exhibit A-4	2.64
	Page	3 of 4.
AFE Capex and Operating Costs		
Drilling Supervision/Month \$	\$10,000	-
Production Supervision/Month \$	\$1,000	-
Justification for Supervision Costs	Exhibit A	
Requested Risk Charge	200%	
Notice of Hearing		
Proposed Notice of Hearing	Exhibit A-2	
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibits C-1, C-2, C-3	
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit C-4	
Ownership Determination		
Land Ownership Schematic of the Spacing Unit	Exhibit A-3	
Tract List (including lease numbers and owners)  If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	Exhibit A-3 N/A	
Pooled Parties (including ownership type)	Exhibit A-3	
Unlocatable Parties to be Pooled	N/A	1
Ownership Depth Severance (including percentage above & below)	Exhibit A-3	
Joinder		
Sample Copy of Proposal Letter	Exhibit A-4	
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-3	
Chronology of Contact with Non-Joined Working Interests	Exhibit A-5	
Overhead Rates In Proposal Letter	Exhibit A-4	
Cost Estimate to Drill and Complete	Exhibit A-4	
Cost Estimate to Equip Well	Exhibit A-4	
Cost Estimate for Production Facilities	Exhibit A-4	
Geology		
Summary (including special considerations)	Exhibit B	
Spacing Unit Schematic	Exhibit B-1	
Gunbarrel/Lateral Trajectory Schematic	N/A	
Well Orientation (with rationale)	Exhibit B	
Target Formation	Exhibit B	
HSU Cross Section	Exhibit B-3	
Depth Severance Discussion	Exhibit A	
Forms, Figures and Tables		
C-102	Exhibit A-2	
Tracts	Exhibit A-3	
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-3	
General Location Map (including basin)	Exhibit B-1	-
Well Bore Location Map	Exhibit B-1	1
Structure Contour Map - Subsea Depth	Exhibit B-2	1
Cross Section Location Map (including wells)	Exhibit B-3	1
Cross Section (including Landing Zone)	Exhibit B-4	-
Additional Information		
	N/A	
Special Provisions/Stipulations	N/A	
CERTIFICATION: I hereby certify that the information provided		
Printed Name (Attorney or Party Representative):	Dana S. Hardy	
Signed Name (Attorney or Party Representative):  Date:	/s/ Dana S. Hardy 3/5/2025	
-446.	0/0/2020	l

APPLICATION OF PBEX OPERATIONS, LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

**CASE NO. 25155** 

# SELF-AFFIRMED STATEMENT OF RUTH PELZEL

- 1. I am a Landman with PBEX Operations, LLC ("PBEX" or "Applicant"). I am over the age of 18, have personal knowledge of the matters addressed herein, and am competent to provide this Self-Affirmed Statement.
- 2. I have previously testified before the New Mexico Oil Conservation Division ("Division"), and my credentials as an expert in petroleum land matters were accepted and made a matter of record.
- 3. I am familiar with the land matters involved in the above-referenced case. Copies of PBEX's Application and proposed hearing notice are attached as **Exhibit A-1**.
- 4. None of the parties proposed to be pooled in this case indicated opposition to this matter proceeding by affidavit, therefore I do not expect any opposition at hearing.
- 5. PBEX seeks an order pooling all uncommitted interests in the First Bone Spring interval of the Bone Spring formation underlying a 960-acre, more or less, standard horizontal spacing unit comprised of the W/2 of Sections 15, 22, and 27, Township 19 South, Range 33 East, Lea County, New Mexico ("Unit").
  - 6. The Unit will be dedicated to the following proposed wells ("Wells"):

- a. **Moonraker 15-27 Fed Com 101H**, which will be drilled from a surface hole location in the NE/4 NW/4 (Unit C) of Section 15 to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 27; and
- b. **Moonraker 15-27 Fed Com 102H**, which will be drilled from a surface hole location in the NE/4 NW/4 (Unit C) of Section 15 to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 27.
- 7. The completed intervals of the Wells will be orthodox.
- 8. The completed interval of the **Moonraker 15-27 Fed Com 101H** well will be located within 330' of the quarter-quarter section line separating the W/2 W/2 and E/2 W/2 of Sections 15, 22, and 27 to allow for the creation of a 960-acre standard horizontal spacing unit.
- 9. There is a depth severance in the Bone Spring formation within the Unit. Therefore, PBEX seeks to pool the interests in the First Bone Spring interval at depths lying between the stratigraphic equivalent of 9,115' and 9,244' TVD, as shown on the Lowell Federal #001 (API No. 30-025-31008) well log.
- 10. The Unit will overlap with the spacing units for the following wells, which produce from the Tonto; Bone Spring Pool (Code 59475):
  - a. Malachite 22 Federal #001H (API No. 30-025-40318), which is located in the
     W/2 W/2 of Section 22, Township 19 South, Range 33 East;
  - b. Malachite 22 Federal #002H (API No. 30-025-40389), which is located in the E/2 W/2 of Section 22, Township 19 South, Range 33 East; and
  - c. Lowell Federal #001 (API No. 30-025-31008), which is located in the NE/4 SW/4 of Section 15, Township 19 South, Range 33 East.
  - 11. **Exhibit A-2** contains the C-102s for the Wells.

- 12. **Exhibit A-3** contains a plat identifying ownership by tract in the Unit. This exhibit also includes any applicable lease numbers, a unit recapitulation, and the interests PBEX seeks to pool highlighted in yellow. The exhibit also shows the overlapping spacing units.
- 13. PBEX located last known addresses for each party it seeks to pool. To locate these addresses, PBEX conducted a diligent search of all relevant county public records, phone directories and computer databases.
- 14. **Exhibit A-4** contains a sample well proposal letter and AFE sent to working interest owners in the Wells. The estimated costs reflected on the AFE are fair and reasonable and comparable to the cost of other wells of similar depth and length drilled in the subject formation in the area.
- 15. In my opinion, PBEX made a good-faith effort to reach voluntary joinder of uncommitted interests in the Wells as demonstrated by the chronology of contact provided in **Exhibit A-5**.
- 16. PBEX requests overhead and administrative rates of \$10,000.00 per month while the Wells are being drilled and \$1,000.00 per month while the Wells are producing. These rates are fair and are comparable to the rates charged by PBEX and other operators in the vicinity.
- 17. The attached exhibits were either prepared by me or under my supervision or were compiled from company business records.
- 18. In my opinion, the granting of PBEX's application would serve the interests of conservation, the protection of correlative rights, and the prevention of waste.
- 19. I understand this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony above is true and correct and is made under penalty of perjury

under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Ruth Pelzel

Date

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

APPLICATION OF PBEX OPERATIONS, LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

**CASE NO. 25155** 

### **AMENDED APPLICATION**

In accordance with NMSA 1978, § 70-2-17, PBEX Operations, LLC ("PBEX" or "Applicant") (OGRID No. 332544) seeks an order pooling uncommitted interests in the First Bone Spring interval of the Bone Spring formation underlying a 960-acre, more or less, standard horizontal spacing unit comprised of the W/2 of Sections 15, 22, and 27, Township 19 South, Range 33 East, Lea County, New Mexico ("Unit"). In support of this application, PBEX states the following.

- 1. Applicant is a working interest owner in the Unit and has the right to drill thereon.
- 2. Applicant seeks to dedicate the Unit to the following proposed wells ("Wells"):
  - a. **Moonraker 15-27 Fed Com 101H**, which will be drilled from a surface hole location in the NE/4 NW/4 (Unit C) of Section 15 to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 27; and
  - b. **Moonraker 15-27 Fed Com 102H**, which will be drilled from a surface hole location in the NE/4 NW/4 (Unit C) of Section 15 to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 27.
- 3. The completed intervals of the Wells will be orthodox.
- 4. The Moonraker 15-27 Fed Com 101H well will be located within 330' of the quarter-quarter section line separating the W/2 W/2 and E/2 W/2 of Sections 15, 22, and 27 to allow for the creation of a 960-acre standard horizontal spacing unit.

- 5. The Unit will overlap with the spacing units for the following wells:
  - Malachite 22 Federal #001H (API No. 30-025-40318), which is located in the W/2
     W/2 of Section 22, Township 19 South, Range 33 East, and produces from the
     Tonto; Bone Spring Pool (Code 59475);
  - Malachite 22 Federal #002H (API No. 30-025-40389), which is located in the E/2
     W/2 of Section 22, Township 19 South, Range 33 East, and produces from the
     Tonto; Bone Spring Pool (Code 59475); and
  - Lowell Federal #001 (API No. 30-025-31008), which is located in the NE/4 SW/4 of Section 15, Township 19 South, Range 33 East, and produces from the Tonto; Bone Spring Pool (Code 59475).
- 6. Due to a depth severance within the Unit, Applicant seeks to pool uncommitted interests in the First Bone Spring interval of the Bone Spring formation, at depths lying between the stratigraphic equivalent of 9,115' and 9,244' TVD, as shown on the Lowell Federal #001 (API No. 30-025-31008) well log.
- 7. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all of the interest owners in the Unit.
- 8. The pooling of interests will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.
- 9. In order to permit 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 March 13, 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. Authorizing Applicant to recover its costs of drilling, equipping, and completing the wells;
- E. Approving the actual operating charges and costs of supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- F. 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,

HINKLE SHANOR LLP

/s/ Dana S. Hardy

Dana S. Hardy Jaclyn M. McLean

P.O. Box 2068

Santa Fe, NM 87504-2068

Phone: (505) 982-4554

Facsimile: (505) 98208623 dhardy@hinklelawfirm.com jmclean@hinklelawfirm.com

Counsel for PBEX Operations, LLC

to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 27. The completed intervals of the Wells will be orthodox. The Moonraker 15-27 Fed Com 203H well will be located within 330' of the quarter-quarter section line separating the W/2 W/2 and E/2 W/2 of Sections 15, 22, and 27 to allow for the creation of a 960-acre standard horizontal spacing unit. The Unit will overlap with the spacing units for the following wells: Malachite 22 Federal #001H (API No. 30-025-40318), which is located in the W/2 W/2 of Section 22, Township 19 South, Range 33 East, and produces from the Tonto; Bone Spring Pool (Code 59475); Malachite 22 Federal #002H (API No. 30-025-40389), which is located in the E/2 W/2 of Section 22, Township 19 South, Range 33 East, and produces from the Tonto; Bone Spring Pool (Code 59475); and Lowell Federal #001 (API No. 30-025-31008), which is located in the NE/4 SW/4 of Section 15, Township 19 South, Range 33 East, and produces from the Tonto; Bone Spring Pool (Code 59475). Due to a depth severance within the Unit, Applicant seeks to pool uncommitted interests in the Second and Third Bone Spring intervals of the Bone Spring formation, at depths lying between the stratigraphic equivalent of 9,600' and 10,770' TVD, as shown on the Lowell Federal #001 (API No. 30-025-31008) well log. Also to be considered will be the cost of drilling and completing the Wells and the allocation of the costs, the designation of Applicant as operator of the Wells, and a 200% charge for the risk involved in drilling and completing the Wells. The Wells are located approximately 29.8 miles west of Hobbs, New Mexico.

Setting: Hearing by Affidavit Joined with Cases: 25155

#### 21. 25155

Amended Application of PBEX Operations, LLC for Compulsory Pooling, Lea County, New Mexico. PBEX Operations, LLC ("Applicant") seeks an order pooling uncommitted interests in the First Bone Spring interval of the Bone Spring formation underlying a 960-acre, more or less, standard horizontal spacing unit comprised of the W/2 of Sections 15, 22, and 27, Township 19 South, Range 33 East, Lea County, New Mexico ("Unit"). Applicant seeks to dedicate the Unit to the following proposed wells ("Wells"): Moonraker 15-27 Fed Com 101H, which will be drilled from a surface hole location in the NE/4 NW/4 (Unit C) of Section 15 to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 27; and Moonraker 15-27 Fed Com 102H, which will be drilled from a surface hole location in the NE/4 NW/4 (Unit C) of Section 15 to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 27. The completed intervals of the Wells will be orthodox. The Moonraker 15-27 Fed Com 101H well will be located within 330' of the quarter-quarter section line separating the W/2 W/2 and E/2 W/2 of Sections 15, 22, and 27 to allow for the creation of a 960-acre standard horizontal spacing unit. The Unit will overlap with the spacing units for the following wells: Malachite 22 Federal #001H (API No. 30-025-40318), which is located in the W/2 W/2 of Section 22, Township 19 South, Range 33 East, and produces from the Tonto; Bone Spring Pool (Code 59475); Malachite 22 Federal #002H (API No. 30-025-40389), which is located in the E/2 W/2 of Section 22, Township 19 South, Range 33 East, and produces from the Tonto; Bone Spring Pool (Code 59475); and Lowell Federal #001 (API No. 30-025-31008), which is located in the NE/4 SW/4 of Section 15, Township 19 South, Range 33 East, and produces from the Tonto; Bone Spring Pool (Code 59475). Due to a depth severance within the Unit, Applicant seeks to pool uncommitted interests in the First Bone Spring interval of the Bone Spring formation, at depths lying between the stratigraphic equivalent of 9,115' and 9,244' TVD, as shown on the Lowell Federal #001 (API No. 30-025-31008) well log. Also to be considered will be the cost of drilling and completing the Wells and the allocation of the costs, the designation of Applicant as operator of the Wells, and a 200% charge for the risk involved in drilling and completing the Wells. The Wells are located approximately 29.8 miles west of Hobbs, New Mexico.

Setting: Hearing by Affidavit Joined with Cases: 25154

## 22. 25156

Application of Permian Resources Operating, LLC for Compulsory Pooling, Lea County, New Mexico. Applicant applies for an order pooling all uncommitted interests in the First Bone Spring interval of the Bone Spring formation underlying a 480-acre, more or less, standard, horizontal spacing unit comprised of the W/2 W/2 of irregular Section 5 and the W/2 W/2 of Sections 8 and 17, Township 22 South, Range 35 East, Lea County, New Mexico ("Unit"). The Unit will be dedicated to the Casa Bonita 5-17 State Com 301H well ("Well"), which will produce from a first take point in Lot 4 (NW/4 NW/4 equivalent) of Section 5 to a last take point in the SW/4 SW/4 (Unit M) of Section 17. The completed interval of the Well will be orthodox. Due to a

	Electronically	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION		artment	Submittal		Revised July 9, 2024 ubmittal			
				Type:					☐ Amended Report	
					\\/\(\tau\)	TION INFORMATION			☐ As Drille	ed
					Fool Name					
	59475 TONTO; BONE SPRING									
Propert	ty Code		Property Name Well Number  MOONRAKER 15-27 FED COM 102I					er <b>102H</b>		
OGRID	No. 33254	4	Operator N	lame		Ground Level Elevati 3,668.93'			vel Elevation	
	Surface O	wner:   Stat	e □ Fee □	Tribal 🗹	Federal	Mineral Ow	ner: 🗌 State	e 🗆 Fee 🛭	☐ Tribal <b>☑</b> Fe	ederal
					Surf	ace Location				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Lo	ongitude	County
С	15	198	33E		704' FNL	1,406' FWL	32.665	564° -1	03.654899°	LEA
					1	m Hole Location	1			
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude	County
N	27	198	33E		10' FSL	2,310' FWL	32.6240	)12°  -1	03.652100°	LEA
Dedica	ted Acres	Infill or Defir	ning Well	Defining	g Well API	Overlapping Spacing	g Unit (Y/N)	Consolidat	tion Code	
Order N	Numbers.	•				Well setbacks are เ	under Commo	on Ownersh	nip: □Yes □I	No
					Kick (	Off Point (KOP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Lo	ongitude	County
С	15	198	33E		704' FNL	1,406' FWL	32.665	564° -1	03.654899°	LEA
					<del>\</del>	ake Point (FTP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude	County
С	15	198	33E		100' FNL	2,310' FWL	32.6672	220°  -1	03.651958°	LEA
UL	Section	Township	Range	Lot	Last 1	Take Point (LTP)  Ft. from E/W	Latitude	11,	ongitude	County
N	27	19S	33E	Lot	100' FSL	2,310' FWL	32.6242		03.652099°	LEA
					100 102		02.02.1			
Unitize	d Area or A	rea of Uniform	Interest	Spacing	J Unit Type □ H	lorizontal □ Vertical	Grou	nd Floor Ele	evation:	
OPERA	ATOR CER	TIFICATIONS				SURVEYOR CERTIFI	ICATIONS			
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.  12/12/2024					A A A A A A A A A A A A A A A A A A A	med or Midger, minderief.  MEXICO  12177	Date: 12/11/	, and that the s	from field notes of ame is true and	
Signatui	re )		D	ate		Signature and Seal of Pro	ofessional Sur	veyor		
Mik	ah Tho	mas					<b>1</b>			
	kah@pb	ex.com				Certificate Number 12177	Date of Surv	•	2/11/2024	
Email A		will he assign	ed to this cor	nnletion II	ntil all interests	have been consolidated o	or a non-stan	dard unit ha	e heen annr	aved by the division

#### ACREAGE DEDICATION PLATS

CORNER COORDINATES

В

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Q

IRON ROD W/BRASS CAP

N:607,228.59' E:748,703.71'

IRON PIPE W/BRASS CAP

N:607,240.12' E:751,344.25'

N:607.251.24' E:753.983.32

IRON PIPE W/BRASS CAP

N:604 611 58' F:753 993 30'

IRON PIPE W/BRASS CAP

N:601,973.38' E:754,002.43'

IRON PIPE W/BRASS CAP

N:599.333.89' E:754.012.98'

IRON PIPE W/BRASS CAP

N:596,693.25' E:754,022.46'
IRON PIPE W/BRASS CAP

N:594.054.11' E:754.032.64

IRON PIPE W/BRASS CAP

N:591.416.32' E:754.040.39'

IRON PIPE W/BRASS CAP

N:591,411.21' E:751,401.67'
IRON PIPE W/BRASS CAP
N:591,389.09' E:748,761.24'

IRON PIPE W/BRASS CAP

N:594,029.45' E:748,751.66' IRON PIPE W/BRASS CAP N:596,670.25' E:748,742.32'

N:599,310.18' E:748,732.70'

IRON PIPE W/BRASS CAP

N:604,589.82' E:748,713.64'

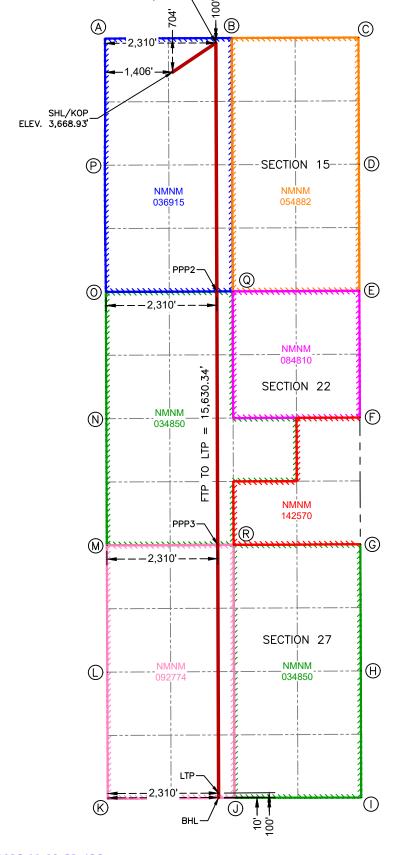
CALCULATED CORNER

IRON PIPE W/BRASS CAP N:596,681.86' E:751,381.27'

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.

FTP/PPP1



SURFACE HOLE LOCATION & KICK-OFF POINT 704' FNL & 1,406' FWL ELEV. = 3,668.93'

NAD 83 X = 750,112.78' NAD 83 Y = 606,530.42' NAD 83 LAT = 32.665564° NAD 83 LONG = -103.654899'

> FIRST TAKE POINT & PENETRATION POINT 1 100' FNL & 2,310' FWL

NAD 83 X = 751,014.07' NAD 83 Y = 607,138.68' NAD 83 LAT = 32.667220° NAD 83 LONG = -103.651958°

PENETRATION POINT 2 0' FNL & 2.310' FWL

NAD 83 X = 751,033.06' NAD 83 Y = 601,960.29' NAD 83 LAT = 32.652987° NAD 83 LONG = -103.652004°

PENETRATION POINT 3 0' FNL & 2.310' FWL

NAD 83 X = 751,052.30' NAD 83 Y = 596,680.31' NAD 83 LAT = 32.638474° NAD 83 LONG = -103.652051°

> LAST TAKE POINT 100' FSL & 2,310' FWL

NAD 83 X = 751,070.82' NAD 83 Y = 591,508.44' NAD 83 LAT = 32.624259° NAD 83 LONG = -103.652099°

BOTTOM HOLE LOCATION 10' FSL & 2,310' FWL

NAD 83 X = 751,071.14' NAD 83 Y = 591,418.44' NAD 83 LAT = 32.624012° NAD 83 LONG = -103.652100°

Released to Imaging: 3/7/2025 10:03:58 AM

	2 Electronically Permitting	ng'		Submittal	☑ Initial Su					
			ŀ	Type:						
					WELL LOCA	TION INFORMATION			I - As Dille	eu
API Nu	mber		Pool Code			Pool Name	0 00115			
Propert	59475 TONTO; BONE SPRING  perty Code Property Name Well Number					or				
Flopen	.y Code		1 Toperty IV	anic	MOONE	RAKER 15-27 FED CC	M			101H
OGRID	No. <b>33254</b>	4	Operator N	lame	PBEX O	PERATIONS, LLC				vel Elevation , <b>669.17'</b>
		wner:   Stat	e 🗆 Fee 🗆	Tribal 🗹			ner:   State	e 🗆 Fee 🗆	 ∃ Tribal <b>⊈</b> Fe	
					Curf	ace Location				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Lo	ongitude	County
С	15	198	33E		703' FNL	1,346' FWL	32.665		03.655094°	LEA
					Botto	m Hole Location				<u> </u>
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Lo	ongitude	County
М	27	19S	33E		10' FSL	1,020' FWL	32.6240	004° -1	03.656290°	LEA
Dedica	ted Acres	Infill or Defir	ning Well	Defining	y Well API	Overlapping Spacing	g Unit (Y/N)	Consolidat	tion Code	
Order N	Numbers.					Well setbacks are ι	under Commo	on Ownersh	nip: □Yes □I	No
					Kick (	Off Point (KOP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Lo	ongitude	County
С	15	19S	33E		703' FNL	1,346' FWL	32.665	567° -1	03.655094°	LEA
-				•	<del>\</del>	ake Point (FTP)				
UL_	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		ongitude	County
D	15	19S	33E		100' FNL	1,020' FWL Take Point (LTP)	32.6672	227  -10	03.656149°	LEA
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Lo	ongitude	County
М	27	198	33E		100' FSL	1,020' FWL	32.6242		03.656289°	LEA
Unitize	d Area or A	rea of Uniform	ı Interest	Spacing	J Unit Type □ H	lorizontal □ Vertical	Groui	nd Floor Ele	evation:	
OPERA	ATOR CER	TIFICATIONS				SURVEYOR CERTIF	ICATIONS			
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:  12/12/2024					A A A A A A A A A A A A A A A A A A A	melor Mider mi belief.	own on this p	, and that the s	from field notes of ame is true and	
Signatur	e	-0 1 0		ate	. 1'	Signature and Seal of Pr	ofessional Sur			
Mik	ah Thor	mas								
Printed						Certificate Number	Date of Surv	/ey		
mil	kah@pb	ex.com				12177		12	2/11/2024	
Email A						have been consolidated o	<u> </u>			

#### ACREAGE DEDICATION PLATS

CORNER COORDINATES

В

С

D

Е

F

G

Н

J

Κ

L

Ν

0

Ρ

Q

IRON ROD W/BRASS CAP

N:607,228.59' E:748,703.71'

IRON PIPE W/BRASS CAP

N:607,240.12' E:751,344.25'

N:607.251.24' E:753.983.32

IRON PIPE W/BRASS CAP

N:604 611 58' F:753 993 30'

IRON PIPE W/BRASS CAP

N:601,973.38' E:754,002.43'

IRON PIPE W/BRASS CAP

N:599.333.89' E:754.012.98'

IRON PIPE W/BRASS CAP

N:596,693.25' E:754,022.46'
IRON PIPE W/BRASS CAP

N:594.054.11' E:754.032.64

IRON PIPE W/BRASS CAP

N:591,416.32' E:754,040.39'
IRON PIPE W/BRASS CAP

N:591,411.21' E:751,401.67'
IRON PIPE W/BRASS CAP
N:591,389.09' E:748,761.24'

IRON PIPE W/BRASS CAP

N:594,029.45' E:748,751.66' IRON PIPE W/BRASS CAP N:596,670.25' E:748,742.32'

N:599,310.18' E:748,732.70'

IRON PIPE W/BRASS CAP

N:604,589.82' E:748,713.64'

CALCULATED CORNER

IRON PIPE W/BRASS CAP N:596,681.86' E:751,381.27'

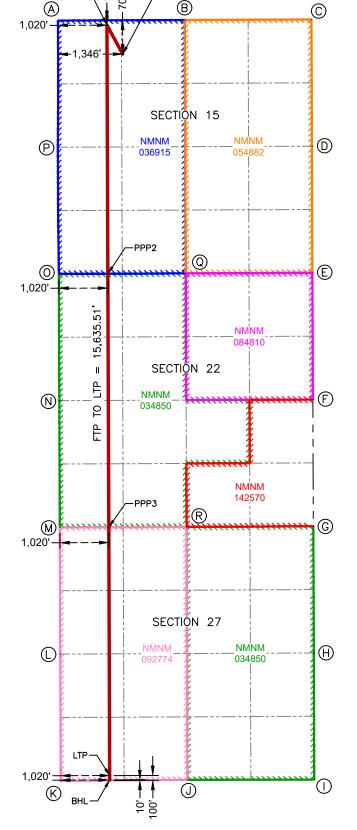
This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the 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.

SHL/KOP

ELEV. 3,669.17

FTP / PPP



SURFACE HOLE LOCATION & KICK-OFF POINT 703' FNL & 1,346' FWL ELEV. = 3,669.17'

NAD 83 X = 750,052.78' NAD 83 Y = 606,531.07' NAD 83 LAT = 32.665567° NAD 83 LONG = -103.655094°

> FIRST TAKE POINT & PENETRATION POINT 1 100' FNL & 1,020' FWL

NAD 83 X = 749,724.08' NAD 83 Y = 607,133.05' NAD 83 LAT = 32.667227° NAD 83 LONG = -103.656149°

PENETRATION POINT 2 0' FNL & 1,020' FWL

NAD 83 X = 749,743.07' NAD 83 Y = 601,954.61' NAD 83 LAT = 32.652994° NAD 83 LONG = -103.656195°

PENETRATION POINT 3 0' FNL & 1,020' FWL

NAD 83 X = 749,762.31' NAD 83 Y = 596,674.69' NAD 83 LAT = 32.638482° NAD 83 LONG = -103.656242°

> LAST TAKE POINT 100' FSL & 1,020' FWL

NAD 83 X = 749,780.85' NAD 83 Y = 591,497.64' NAD 83 LAT = 32.624252° NAD 83 LONG = -103.656289°

BOTTOM HOLE LOCATION 10' FSL & 1,020' FWL

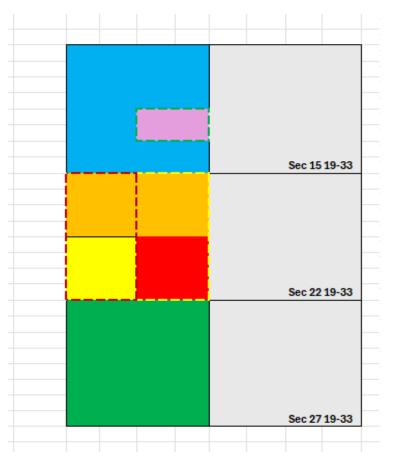
NAD 83 X = 749,781.18' NAD 83 Y = 591,407.64' NAD 83 LAT = 32.624004° NAD 83 LONG = -103.656290°

Released to Imaging: 3/7/2025 10:03:58 AM

Received by OCD: 3/6/2025 4:03:05 PM

# Moonraker 101H, 102H

W2 Sections 15,22,27 T19S-R33E Lea County, NM Bonespring: surface - 9244'



Overlapping Spacing Uni	ts
Malachite 22 Fed 001H	Malachite 22 Fed 002H
Sec 22 W2W2 19S-33E	Sec 22 E2W2 19S-33E
Lea County, NM	Lea County, NM
Operator Raybaw	Operator Raybaw
	-+
Lowell Federal 1	
Sec 15 NESW 19S-33E	
Lea County, NM	
Operator: G and C Operating	LLC

<sup>\*</sup> Notice of Overlapping Spacing Units sent 11/26/24

Tract Ownership	
W2SW4 Sec 22 19-33 NMNM 034850	
Occidental Permian Limited Partnership	100%
E2SW4 Sec 22 19-33 NMNM 034850	
PBEX LLC	100%
NW 4 Sec 22 19-33 NMNM 034850	
PBEX LLC	100%
W2 Sec 27 19-33 NMNM 092774	
EOG Resources, Inc	100%
W2W2; E2NW; SESW Sec 15 19-33 NMNM036915	
Pbex LLC	100%
NE4SW4 Sec 15 19-33 NMNM 036915	

Loy G. Fletcher	0.50%
Nadel and Gussman Permian, LLC	88.83%
Ball Oil and Gas, LLC	10.666667%
	100.00%

DOCUME	NTS SENT
Well Prop	osals - Yes
JOA	- Yes
Communitizatio	n Agreement - Ye

Unit Ownership				
Loy G. Fletcher/Estate of	0.0002083			
Ball Oil and Gas, LLC	0.0044444			
Nadel and Gussman Permian, LLC	0.0370138			
EOG Resources, Inc	0.3333333			
Occidental Permian Limited Partnership	0.0833333			
Pbex LLC	0.5416666			

D	A D	TI	EC	TO	DO	

WI			
Loy G. Fletcher/Estate of	88 W. Compress Rd	Artesia, NM	88210
Nadel and Gussman Permian, LLC	15E 5th St. Suite 3300	Tulsa, OK	74103
Occidental Permian Limited Partnership	5 Greenway Plaza, Suite 110	Houston, TX	77046

\*Parties to be pooled are highlighted in yellow.



November 26, 2024

Via Certified Mail, Return Receipt Requested No.

Re: Moonraker 15-27 Fed Com 101H, 102H

W2 of Sections 15, 22 & 27, T19S-R33E

Lea County, New Mexico

Dear Sir or Madam:

PBEX Operations, LLC ("PBEX"), hereby proposes the drilling of the Moonraker 15-27 Fed Com 101H and 102H, located in the W2 of Sections 15, 22 & 27, T19S-R33E, Lea County, New Mexico. All previously dated "Moonraker" 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.

#### **MOONRAKER 15-27 FED COM 101H**

W2 Sections 15, 22 & 27, T19S-R33E, Lea Co., NM

SHL: 15-19S-33E, 703' FNL & 1346' FWL, or Unit C FTP: 15-19S-33E, 100' FNL & 1020' FWL, or Unit D LTP: 27-19S-33E, 100' FSL & 1020' FWL, or Unit M BHL: 27-19S-33E, 10' FSL & 1020' FWL, or Unit M

TVD: 9,180' TMD: 24,960'

Targeted Interval: First Bone Spring

#### **MOONRAKER 15-27 FED COM 102H**

W2 Sections 15, 22 & 27, T19S-R33E, Lea Co., NM

SHL: 15-19S-33E, 704' FNL & 1406' FWL, or Unit C FTP: 15-19S-33E, 100' FNL & 2310' FWL, or Unit C LTP: 27-19S-33E, 100' FSL & 2310' FWL, or Unit N BHL: 27-19S-33E, 10' FSL & 2310' FWL, or Unit N

TVD: 9,180' TMD: 24,960'

Targeted Interval: First Bone Spring

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.

November 26, 2024 Page 2 Moonraker 15-27 Fed Com 101H-102H

PBEX is proposing these wells under the terms of a new modified 1989 AAPL form of Operating Agreement, dated January 1, 2025, by and between PBEX Operations, LLC, as Operator, and EOG Resources, Inc., 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.

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**

#### Malachite 22 Federal #001H

API No. 30-025-40318

Operated by RAYBAW Operating LLC

Producing Spacing Unit: 19S-33E, Sec 22: W2W2

**Producing Formation: Bone Spring** 

#### Malachite 22 Federal #002H

API No. 30-025-40389

Operated by RAYBAW Operating LLC

Producing Spacing Unit: 19S-33E, Sec 22: E2W2

**Producing Formation: Bone Spring** 

#### Lowell Federal #001

API No 30-025-31008

Operated by G and C Operating, LLC

Producing Spacing Unit: 19S-33E, Sec 15: 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.

November 26, 2024	Page 3
Moonraker 15-27 Fed	l Com 101H-102H

Sincerely,

# **PBEX Operations, LLC**

Ruth Pelzel Senior Landman

RP:bh Enc

WELL NAME	Elect TO PARTICIPATE for proportionate share of costs	Elect NOT TO PARTICIPATE for proportionate share of costs
Moonraker 15-27 Fed Com 101H		
Moonraker 15-27 Fed Com 102H		

Company:		
Signed:		
Name:		
Title:		
Date:		

BOTTOM-HOLE LOCATION

# PBEX LLC

LEA

AFE NUMBER PROPERTY NUMBER

DRILLING DAYS

DEPTH (TVD/TMD)

9180 / 24960 NM

POEX		223 W Wall St. Midland, TX 79701		
WELL NAME	Moonraker 15-27 Fed Com 102H	AFE TYPE	Development	
LATERAL LOCATION	Section 15, 22 & 27 of 19S 33E	FIELD	Northern Delaware	
SURFACE LOCATION	15: 704 FNL & 1406 FWL or Unit C	FORMATION	1BSS	

COUNTY

27: 10 FSL & 2310 FWL, or Unit N

PROJECT DESCRIPTION Drilling, Completion & Facilities costs for PBEX 3-mile lateral DESCRIPTION OF EXPENDITURE COST ESTIMATE IDC ICC TDC TCC DRILLING COMPLETIONS **FACILITIES** TOTAL WELL INTANGIBLE COSTS 301 SURVEY/PERMITS/DAMAGES \$25.00 \$25,000.00 \$43,928.57 LOCATION & ROAD 302 502 \$43,929 303 RIG MOVE \$57,143 \$57,142.86 DRILLING - FOOTAGE \$0.00 304 305 505 DRILLING - DAYWORK \$793.000 \$0.00 \$400,000.00 COMPLETION/WORKOVER RIG 506 \$400,000.00 COIL TUBING/SNUBBING UNIT 507 508 509 SLICKLINE/SWABBING \$0.00 \$80,000.00 309 \$80,000 310 311 312 510 511 512 DIRECTIONAL SERVICES \$279.50 \$279.500.00 CASING CREW
TOOL & EQUIPMENT RENTAL \$40,000 \$238,500 \$40,000.00 \$588,500.00 \$350,000.00 313 314 513 FUFI & POWER \$140.700 \$700,000.00 \$840.700.00 DIESEL - BASE FOR MUD \$70,00 \$70,000.00 315 515 MUD LOGGING & GEOLOGIST \$0.00 316 317 516 517 DISPOSAL, RESTORATION & BACKFILL \$90.000 \$90,000.00 \$60,000.00 \$100,000.00 TRUCKING \$40,000 518 519 TESTING \$0.00 \$175,000.00 CEMENTING \$175,000 319 \$400,000,00 320 520 PERFORATING \$400,000.00 CASED HOLE LOGS DOWNHOLE TOOLS & SERVICE 521 522 \$0.00 \$140,000.00 \$40.000 \$100,000,00 322 SCIENCE & DIAGNOSTICS FORMATION STIMULATION \$0.00 \$1,350,000.00 323 523 524 \$1,350,000.00 326 327 526 527 CONSULTING SERVICES/SUPERVISION \$122,000 \$85,000.00 \$207,000.00 CONTRACT LABOR / SERVICES \$100,000.00 \$125,000.00 \$0.00 328 528 OTHER LABOR 329 330 529 530 OVERHEAD WATER - FRESH \$0.00 \$50,000 \$850,000.00 331 531 FLUIDS & CHEMICALS \$160,00 \$650,000.00 \$810,000.00 532 533 \$0.00 \$20,000.00 332 ORING & ANALYSIS 333 COMMUNICATIONS \$10,000 \$10,000.00 534 535 BOP TESTING CO2/NITROGEN 334 \$10,000.00 \$38,000.00 335 \$0.00 336 536 FISHING TOOLS & SERVICES \$0.00 337 \$20,000.00 537 INSPECTIONS \$20,000 338 339 340 WIRELINE SERVICES 539 540 ENGINEERING & GEOLOGY - FIELD \$0.00 ENGINEERING & GEOLOGY - OFFICE \$0.00 \$0.00 341 MULTISHOT & GYRO 342 343 RE-ENTRY SERVICES CAMPS & TRAILERS \$0.00 \$107,000.00 \$67.000 \$40.000.00 543 344 345 544 SAFETY EQUIPMENT & H2S CONTINGENCY \$5,000.00 \$15,000.00 \$0.00 346 347 546 547 \$2,000.00 \$2,000.00 NSURANCE \$204,549 \$204,549.00 348 349 350 548 OUTSIDE OPERATED \$0.00 \$475,000.00 549 \$475,000.00 SAND LOGISTICS \$475,000.00 550 \$475,000.00 \$0.00 \$0.00 \$100,000.00 351 352 551 552 VACUUM TRUCK WATER - BRINE 560 FACILITY TRUCKING \$100,000.00 ACILITY VACUUM TRUCK \$0.00 \$100,000.00 561 FACILITY CONSULTING SER./SUPERVISION 562 \$100,000.00 FACILITY CONTRACT LABOR / SER. \$300,000.00 563 \$300,000.00 564 SIM-OPS \$0.00 TOTAL WELL INTANGIBLE COSTS \$2,809,320 \$6,062,000.00 \$500,000.00 \$9,371,320.43 WELL TANGIBLE COSTS CASING - CONDUCTOR CASING - SURFACE 401 \$40.00 \$40,000.00 402 \$76,38 \$76,387.50 403 CASING - SALT STRING \$0.00 CASING - INTERMEDIATE
CASING - PRODUCTION / LINER \$216,825.00 \$677,467.25 \$216,825 \$677,46 405 605 SUBSURFACE EQUIPMENT PRODUCTION TUBING 406 606 \$0.00 \$150,000.00 \$150,000.00 607 SUBSURFACE PUMPING EQUIPMENT \$0.00 \$80,000.00 \$150,000.00 409 VELLHEAD EQUIPMENT \$80,00 \$150.000.00 610 FLOWLINES SURFACE PUMPING EQUIPMENT LINER HANGER & ASSOC EQUIP \$0.00 \$0.00 611 612 412 613 614 ALVES & FITTINGS \$200,000.00 \$200,000.00 INSTURMENTATION & ELECTRICAL \$200,000.00 \$200,000.00 615 RODS \$0.00 417 FRUCKING \$0.00 RE-ENTRY EQUIPMENT 420 \$0.00 634 PRODUCTION EQUIPMENT \$300,000.00 \$300.000.00 447 MISCELLANEOUS \$0.00 647 448 648 DUTSIDE OPERATED \$0.00 ANGIBLE EQUIP-ACQUISITIONS TOTAL TANGIBLE COSTS \$1.090.680 \$150,000,00 \$850,000,00 \$2.090.679.75 DRILLING COMPLETIONS FACILITIES TOTAL TOTAL ESTIMATED WELL COST \$6.212.000.00 \$1.350.000.00 \$11.462.000.18 \$3.900.000

PREPARED BY:	Alex Bourland & Aaron Cattley	DATE:
OPERATOR APPROVAL:		DATE:
OPERATOR APPROVAL:		DATE:
PARTNER COMPANY NAME:		DATE:
PARTNER APPROVAL:		
TITI F		

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

POEX		A
L NAME	Moonraker 15-27 Fed Com 101H	AFE T

 WELL NAME
 Moonraker 15-27 Fed Com 101H
 AFE TYPE
 Development
 AFE NUMBER

 LATERAL LOCATION
 Section 15, 22 & 27 of 19S 33E
 FIELD
 Northern Delaware
 PROPERTY NUMBER

 SURFACE LOCATION
 15: 703 FNL & 1346 FWL, or Unit C
 FORMATION
 18SS
 DRILLING DAYS
 28

 BOTTOM-HOLE LOCATION
 27: 10 FSL & 1020 FWL, or Unit M
 COUNTY
 LEA
 DEPTH (TVD/TMD)
 9180 / 24960

 STATE
 NM

PROJECT DESCRIPTION Drilling, Completion & Facilities costs for PBEX 3-mile lateral

PROJEC	T DESC	RIPTION		Drilling, Completion & Facilities costs for PBEX 3-mile lateral				
	ACCT.			DESCRIPTION OF EXPENDITURE		COST ES	TIMATE	
IDC	ICC	TDC	TCC		DDII : ::::	COMPLETIONS	F4011/7-7-0	TO
PREFIX 300	500	PREFIX 400	600	WELL INTANCIPLE COOTS	DRILLING	COMPLETIONS	FACILITIES	TOTAL
300	500	400	600	WELL INTANGIBLE COSTS SURVEY/PERMITS/DAMAGES	\$25,000			\$25,000.00
302	502			LOCATION & ROAD	\$43,929			\$43,928.5
303				RIG MOVE	\$57,143			\$57,142.8
304				DRILLING - FOOTAGE	****			\$0.0
305	505			DRILLING - DAYWORK COMPLETION/WORKOVER RIG	\$793,000			\$793,000.0
	506 507			COIL TUBING/SNUBBING UNIT		\$400,000.00		\$0.00 \$400,000.00
	508			SLICKLINE/SWABBING		\$100,000.00		\$0.0
309	509			BITS	\$80,000			\$80,000.00
310	510			DIRECTIONAL SERVICES	\$279,500			\$279,500.00
311 312	511 512			CASING CREW TOOL & EQUIPMENT RENTAL	\$40,000 \$238,500	\$350,000.00		\$40,000.00 \$588,500.00
313	513			FUEL & POWER	\$140,700	\$700,000.00		\$840,700.00
314				DIESEL - BASE FOR MUD	\$70,000	***************************************		\$70,000.00
315	515			MUD LOGGING & GEOLOGIST				\$0.00
316	516			DISPOSAL, RESTORATION & BACKFILL	\$90,000			\$90,000.00
317	517			TRUCKING	\$40,000	\$60,000.00		\$100,000.00
319	518 519			TESTING CEMENTING	\$175,000			\$0.00 \$175,000.00
320	520			PERFORATING	ψ170,000	\$400,000.00		\$400,000.00
	521			CASED HOLE LOGS		,,		\$0.00
322	522			DOWNHOLE TOOLS & SERVICE	\$40,000	\$100,000.00		\$140,000.00
323	523			SCIENCE & DIAGNOSTICS		04 0=0 000		\$0.00
226	524			FORMATION STIMULATION CONSULTING SERVICES SUBERVISION	\$100,000	\$1,350,000.00		\$1,350,000.00
326 327	526 527			CONSULTING SERVICES/SUPERVISION CONTRACT LABOR / SERVICES	\$122,000 \$25,000	\$85,000.00 \$100,000.00		\$207,000.00 \$125,000.00
328	528			OTHER LABOR	φ20,000	ψ100,000.00		\$125,000.00
329	529			OVERHEAD				\$0.00
330	530			WATER - FRESH	\$50,000	\$850,000.00		\$900,000.00
331	531			FLUIDS & CHEMICALS	\$160,000	\$650,000.00		\$810,000.00
332 333	532 533			CORING & ANALYSIS COMMUNICATIONS	\$10,000	\$10,000.00		\$0.00 \$20,000.00
334	534			BOP TESTING	\$28,000	\$10,000.00		\$38,000.00
335	535			CO2/NITROGEN	,,,,,,	<b>4</b> · · · , · · · · · · · · · · · · · · ·		\$0.00
336	536			FISHING TOOLS & SERVICES				\$0.00
337	537			INSPECTIONS	\$20,000			\$20,000.00
338	500			WIRELINE SERVICES				\$0.00
339 340	539 540			ENGINEERING & GEOLOGY - FIELD ENGINEERING & GEOLOGY - OFFICE				\$0.00 \$0.00
341	340			MULTISHOT & GYRO				\$0.00
342				RE-ENTRY SERVICES				\$0.00
343	543			CAMPS & TRAILERS	\$67,000	\$40,000.00		\$107,000.00
344	544			SAFETY EQUIPMENT & H2S	\$10,000	\$5,000.00		\$15,000.00
345	540			CONTINGENCY		£2,000,00		\$0.00
346 347	546 547			INSURANCE MISCELLANEOUS	\$204,549	\$2,000.00		\$2,000.00 \$204,549.00
348	548			OUTSIDE OPERATED	Ψ204,043			\$0.00
349	549			SAND		\$475,000.00		\$475,000.00
350	550			SAND LOGISTICS		\$475,000.00		\$475,000.00
351	551			VACUUM TRUCK				\$0.00
352	552			WATER - BRINE FACILITY TRUCKING			\$100,000.00	\$0.00 \$100,000.00
	560 561			FACILITY VACUUM TRUCK			φ100,000.00	\$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 TOTAL WELL INTANGIBLE COSTS	\$2,809,320	\$6,062,000.00	\$500,000.00	\$0.00 <b>\$9,371,320.4</b> 3
					\$2,003,320	\$0,002,000.00	ψοσο,σσο.σσ	ψυ,υ11,υ20.43
		404		WELL TANGIBLE COSTS	¢40,000			640,000,00
		401 402		CASING - CONDUCTOR CASING - SURFACE	\$40,000 \$76,388			\$40,000.00 \$76,387.50
		402		CASING - SURFACE CASING - SALT STRING	\$70,386			\$0.00
		404	604	CASING - SALT STRING  CASING - INTERMEDIATE	\$216,825			\$216,825.00
		405		CASING - PRODUCTION / LINER	\$677,467			\$677,467.25
		406	606	SUBSURFACE EQUIPMENT				\$0.00
				PRODUCTION TUBING		\$150,000.00		\$150,000.00
		400		SUBSURFACE PUMPING EQUIPMENT	\$80,000			\$0.00
		409		WELLHEAD EQUIPMENT FLOWLINES	\$60,000		\$150,000.00	\$150,000.00
				SURFACE PUMPING EQUIPMENT			ψ.30,000.00	\$0.00
		412		LINER HANGER & ASSOC EQUIP				\$0.00
				VALVES & FITTINGS			\$200,000.00	\$200,000.00
				INSTURMENTATION & ELECTRICAL			\$200,000.00	\$200,000.00
		417		RODS TRUCKING				\$0.00 \$0.00
		417	01/	RE-ENTRY EQUIPMENT				\$0.00
			634	PRODUCTION EQUIPMENT			\$300,000.00	\$300,000.00
		447		MISCELLANEOUS			,	\$0.00
		448	648	OUTSIDE OPERATED				\$0.00
			649	TANGIBLE EQUIP-ACQUISITIONS	64 000 655	6450 000 00	<b>#050 000 00</b>	\$0.00
				TOTAL TANGIBLE COSTS	\$1,090,680	\$150,000.00	\$850,000.00	\$2,090,679.75
					DRILLING	COMPLETIONS	FACILITIES	TOTAL
				TOTAL ESTIMATED WELL COST	\$3,900,000	\$6,212,000.00	\$1,350,000.00	\$11,462,000.18

PREPARED BY:	Alex Bourland & Aaron Cattley	DATE:	
OPERATOR APPROVAL:		DATE:	
OPERATOR APPROVAL:		DATE:	
PARTNER COMPANY NAME:		DATE:	
PARTNER APPROVAL:			

## 2BSS Chronology of Contact

11/26/2024 Initial Proposals to WI owners mailed out via certified mail.

12/11/2024 Proposal with updated address to Oxy is sent out via certified mail.

12/11/2024 Communicated through email with Oxy about their interests in the wells.

12/11/2024 Phone call with Oxy about interest.

1/15/2025 OA's and Com Agreements are sent to WI owners via certified mail.

1/15/2025 BS Com Agreements are sent to RT owners via certified mail.

1/23/2025 Ratification of BS Com agreements are sent to ORRI via certified mail.

1/30/2025 Email from Oxy explaining they will not sign CA's until the API number is provided.

2/10/2025 Email from Escondido confirming they the signed CA.

McMullen Minerals emailed with deed updating title info to Sidecar et al. Ratifications sent to

2/12/2025 updated parties.

2/27/2025 Emailed Sam at Oxy about status of the OA.

APPLICATION OF PBEX OPERATIONS, LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

**CASE NO. 25155** 

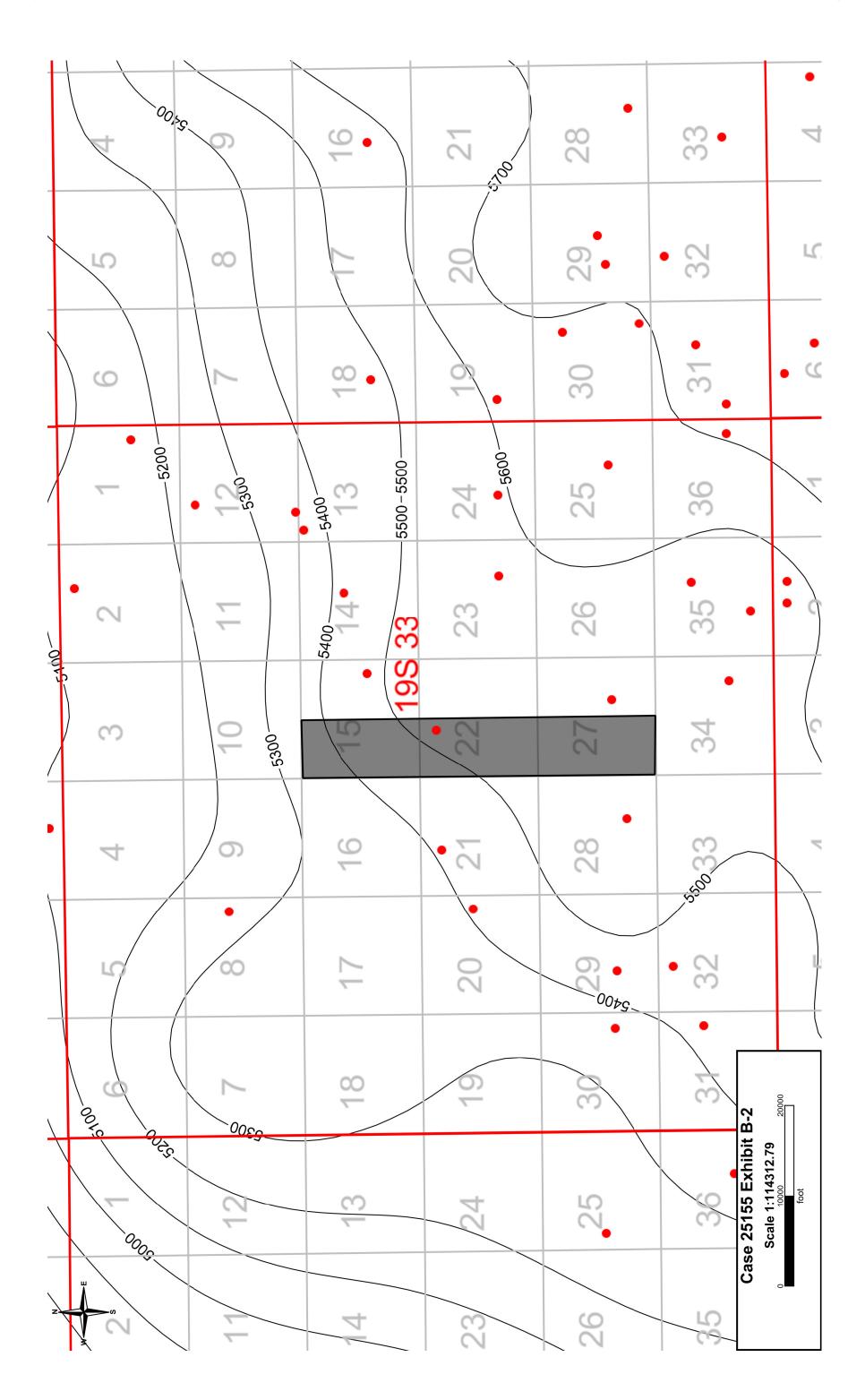
# SELF-AFFIRMED STATEMENT OF MATTHEW PARDEE

- 1. I am a geologist at PBEX Operations, LLC ("PBEX") and am over 18 years of age. I 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 qualifications as an expert in petroleum geology were accepted by the Division.
  - 2. I am familiar with the geological matters that pertain to the above-referenced case.
- 3. **Exhibit B-1** is a location map of the proposed horizontal spacing unit ("Unit") within the Bone Spring formation. The approximate wellbore paths for the proposed **Moonraker 15-27 Fed Com 101H** and **Moonraker 15-27 Fed Com 102H** wells ("Wells") are represented by light green dashed lines. Existing producing wells in the targeted interval are represented by thin, light blue solid lines.
- 4. **Exhibit B-2** contains a subsea structure map for the top of the First Bone Spring Sand marker that is representative of a targeted interval within the formation. The data points are indicated by red circles. The approximate wellbore paths for the Wells are depicted by light green dashed lines. The map demonstrates the formation is gently dipping to the southeast in this area. I do not observe any faulting, pinch-outs, or geologic impediments to developing the targeted intervals with horizontal wells.

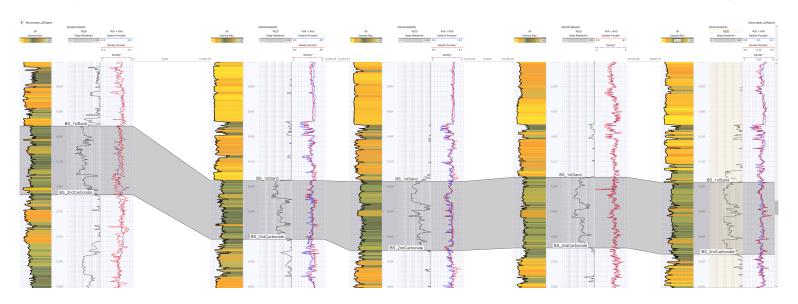
- 5. Exhibit B-3 identifies five wells penetrating the targeted interval that I used to construct a stratigraphic cross-section from A to A'. I used these well logs because they penetrate the targeted interval, are of good quality, and are representative of the geology in the area.
- 6. Exhibit B-4 is a stratigraphic cross-section using the representative wells identified on Exhibit B-3. It contains gamma ray, resistivity, and porosity logs. The proposed landing zones for the Wells are labeled on the exhibit. This cross-section demonstrated the target interval is continuous across the Unit.
- 7. In my opinion, a standup orientation for the Wells is appropriate to properly develop the subject acreage because of consistent rock properties throughout the Unit and slightly dominant stress regime that yields a preferred fracture orientation in this portion of the trend.
- 8. Based on my geologic study of the area, the targeted interval underlying the Unit is suitable for development by horizontal wells and the tracts comprising the Unit will contribute more of less equally to the production of the Wells.
- 9. In my opinion, the granting of PBEX's application will serve the interests of conservation, the protection of correlative rights, and the prevention of waste.
- 10. The exhibits attached hereto were either prepared by me or under my supervision or were compiled from company business records.
- 11. I understand this Self-Affirmed Statement will be used as written testimony in this case. I affirm my testimony above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date identified next to my signature below. 05/05/2025

Matthew Pardee

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APPLICATION OF PBEX OPERATIONS, LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

**CASE NO. 25155** 

# SELF-AFFIRMED STATEMENT OF DANA S. HARDY

- I am attorney in fact and authorized representative of PBEX Operations, LLC, the Applicant herein.
- 2. I am familiar with the Notice Letters attached as **Exhibit C-1**, and caused the Notice Letters, along with the Applications in this case, to be sent to the parties set out in the Notice Letter Chart attached as **Exhibit C-2**.
- 3. **Exhibit C-2** also provides the date the Notice Letter was sent out, along with the delivery status of each.
- 4. The Certified Mail Receipts are attached as **Exhibit C-3** as supporting documentation for proof of mailing and the information provided on **Exhibit C-2**.
- 5. On January 29, 2025, I caused a notice to be published in the Hobbs News Sun. An Affidavit of Publication from the legal Clerk of the Hobbs News Sun along with a copy of the Notice Publication, is attached as **Exhibit C-4.**
- 6. I understand this Self-Affirmed Statement will be used as written testimony in the subject case. I affirm that my testimony above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

/s/Dana S. Hardy
Dana S. Hardy

March 5, 2025
Date

PBEX Operations, LLC Case No. 25155 Exhibit C



# HINKLE SHANOR LLP

ATTORNEYS AT LAW

P.O. BOX 2068 SANTA FE, NEW MEXICO 87504 505-982-4554 (FAX) 505-982-8623

WRITER: Dana S. Hardy, Partner dhardy@hinklelawfirm.com

January 22, 2025

# <u>VIA CERTIFIED MAIL</u> RETURN RECEIPT REQUESTED

#### TO ALL PARTIES ENTITLED TO NOTICE

Re: Case No. 25155 – Application of PBEX Operations, LLC for Compulsory Pooling, Lea County, New Mexico.

To whom it may concern:

This letter is to advise you that the enclosed application was filed with the New Mexico Oil Conservation Division. The hearing will be conducted on **February 13, 2025**, beginning at 9:00 a.m.

The hearing will be conducted in a hybrid fashion, both virtually and 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. To participate virtually, see the instructions posted on the OCD Hearings website: <a href="https://www.emnrd.nm.gov/ocd/hearing-info/">https://www.emnrd.nm.gov/ocd/hearing-info/</a>. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Pursuant to Division Rule 19.15.4.13.B, a party who intends to present evidence at the hearing shall file a pre-hearing statement and serve copies on other parties, or the attorneys of parties who are represented by counsel, at least four business days in advance of a scheduled hearing, but in no event later than 5:00 p.m. Mountain Time, on the Thursday preceding the scheduled hearing date. The statement must be submitted through the OCD E-Permitting system (<a href="https://www.apps.emnrd.nm.gov/ocd/ocdpermitting/">https://www.apps.emnrd.nm.gov/ocd/ocdpermitting/</a>) or via e-mail to ocd.hearings@emnrd.nm.gov and should include: the names of the parties and their attorneys, a concise statement of the case, the names of all witnesses the party will call to testify at the hearing, the approximate time the party will need to present its case, and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this application, please contact Ruth Pelzel, Landman at PBEX Operations, LLC, via e-mail at <a href="mailto:ruth@pbex.com">ruth@pbex.com</a>.

Sincerely,

/s/ Dana S. Hardy

Dana S. Hardy

PBEX Operations, LLC Case No. 25155 Exhibit C-1

Enclosure

PO BOX 10 ROSWELL, NEW MEXICO 88202 (575) 622-6510 FAX (575) 623-9332 7601 JEFFERSON ST NE · SUITE 180 ALBUQUERQUE, NEW MEXICO 87109 505-858-8320 (FAX) 505-858-8321 PO BOX 2068 SANTA FE, NEW MEXICO 87504 (505) 982-4554 FAX (505) 982-8623



# HINKLE SHANOR LLP

#### ATTORNEYS AT LAW

P.O. BOX 2068 SANTA FE, NEW MEXICO 87504 505-982-4554 (FAX) 505-982-8623

WRITER: Dana S. Hardy, Partner dhardy@hinklelawfirm.com

January 23, 2025

# <u>VIA CERTIFIED MAIL</u> RETURN RECEIPT REQUESTED

#### NOTICE OF OVERLAPPING SPACING UNIT

Re: Notice of Overlapping Spacing Units Regarding Case Nos. 25154 & 25155 – Applications of PBEX Operations, LLC for Compulsory Pooling, Lea County, New Mexico.

To whom it may concern:

This letter is to advise you that the enclosed applications were filed by PBEX Operations, LLC ("PBEX") with the New Mexico Oil Conservation Division. The hearing will be conducted on **February 13, 2025**, beginning at 9:00 a.m.

The spacing units PBEX seeks to pool in Case Nos. 25154 and 25155 overlap with the spacing units for the following wells, which produce from the Tonto; Bone Spring Pool (Code 59475):

- Malachite 22 Federal #001H (API No. 30-025-40318), which is located in the W/2 W/2 of Section 22, Township 19 South, Range 33 East;
- Malachite 22 Federal #002H (API No. 30-025-40389), which is located in the E/2 W/2 of Section 22, Township 19 South, Range 33 East; and
- Lowell Federal #001 (API No. 30-025-31008), which is located in the NE/4 SW/4 of Section 15, Township 19 South, Range 33 East.

In accordance with 19.15.15.12(B) NMAC, you have 20 days to notify the undersigned counsel or Ruth Pelzel, Landman at PBEX Operations, LLC (<a href="ruth@pbex.com">ruth@pbex.com</a>) that you object to the proposed overlapping spacing unit.

Please do not hesitate to contact me if you have any questions regarding this matter.

Sincerely,
/s/ Dana S. Hardy
Dana S. Hardy

**Enclosure** 

APPLICATION OF PBEX OPERATIONS, LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

**CASE NO. 25155** 

## NOTICE LETTER CHART

PARTY	NOTICE LETTER SENT	RETURN RECEIVED
Carroll W. Bellah	1-22-2025	1-31-2025
7358 FM 1615	9589071052701502392102	
Athens, TX 75752		
J.T. Jackson & Associates	1-22-2025	1-27-2025
2302 Sierra Vista Road	9589071052701502392119	
Artesia, NM 88210		
James E. Guy	1-22-2025	USPS Tracking on 2-
1902 W. Briscoe Ave.	9589071052701502392126	27-2025: Return to
Artesia, NM 88210		Sender on 2-18-2025
Loy G. Fletcher or Estate of	1-22-2025	USPS Tracking 2-27-
Loy Fletcher	9589071052701502392133	2025: Return to Sender
88 W. Compass Road		on 2-24-2025.
Artesia, NM 88210		
MRC Permian Company	1-22-2025	1-31-2025
5400 LBJ Freeway Suite 1500	9589071052701502392140	
Dallas, TX 75240		
Nadel & Gussman Permian LLC	1-22-2025	1-30-2025
15 E. 5 <sup>th</sup> St, Suite 3300	9589071052701502392157	
Tulsa, OK 74103		
Occidental Permian LP	1-22-2025	1-31-2025
Attn: Sam D'Amico	9589071052701502392164	
5 Greenway Plaza, Suite 110		
Houston, TX 77046		

PBEX Operations, LLC Case No. 25155 Exhibit C-2

APPLICATION OF PBEX OPERATIONS, LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NOS. 25154 & 25155

## OVERLAPPING SPACING UNIT NOTICE LETTER CHART

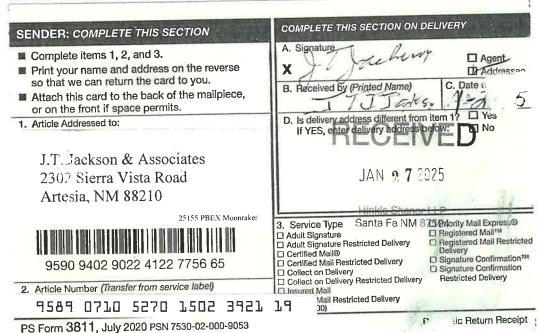
PARTY	NOTICE LETTER SENT	RETURN RECEIVED
C&G Operating, LLC	1-23-2025	1-31-2025
PO Box 1618	9589071052701502392263	
Artesia, NM 88211		
Raybaw Operating LLC	1-23-2025	2-10-2025
2626 Cole Ave Ste. 300	9589071052701502392256	
Dallas, TX 75204		





PBEX Operations, LLC Case No. 25155 Exhibit C-3

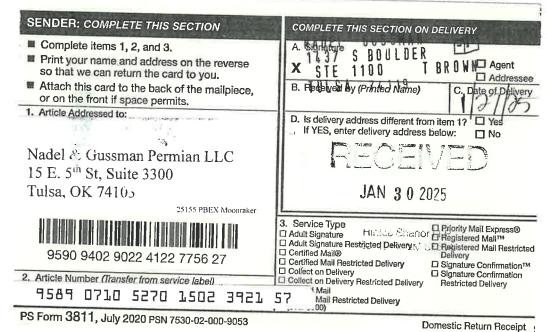




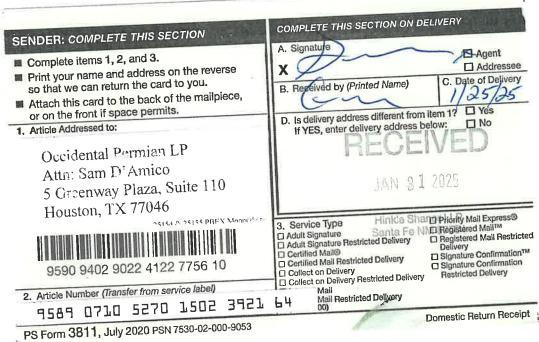














# **USPS Tracking**<sup>®</sup>

FAQs >

Tracking Number:

Remove X

# 9589071052701502392126

Copy Add to Informed Delivery (https://informeddelivery.usps.com/)

Feedback

# **Latest Update**

Your item was returned to the sender on February 18, 2025 at 10:57 am in ARTESIA, NM 88210 because the addressee was not known at the delivery address noted on the package.

### **Get More Out of USPS Tracking:**

**USPS Tracking Plus®** 

#### **Alert**

### Addressee Unknown

ARTESIA, NM 88210 February 18, 2025, 10:57 am

#### **Departed USPS Regional Facility**

LUBBOCK TX DISTRIBUTION CENTER February 17, 2025, 5:53 am

#### **Arrived at USPS Regional Facility**

LUBBOCK TX DISTRIBUTION CENTER February 16, 2025, 10:41 am

#### In Transit to Next Facility

February 15, 2025

## **Arrived at USPS Regional Facility**

COPPELL TX DISTRIBUTION CENTER February 13, 2025, 7:01 pm

# **Arrived at USPS Regional Facility**

DALLAS TX DISTRIBUTION CENTER

Released to Imaging: 3/7/2025 10:03:58 AM



# **USPS Tracking**<sup>®</sup>

FAQs >

**Tracking Number:** 

Remove X

# 9589071052701502392133

Copy

Add to Informed Delivery (https://informeddelivery.usps.com/)

Feedback

# **Latest Update**

This is a reminder to arrange for redelivery of your item or your item will be returned to sender.

### **Get More Out of USPS Tracking:**

USPS Tracking Plus®

# **Delivery Attempt**

Reminder to Schedule Redelivery of your item

February 24, 2025

#### Available for Pickup

SANTA FE 120 S FEDERAL PL STE 101 SANTA FE NM 87501-9902 M-F 0800-1730; SAT 0900-1530 February 19, 2025, 10:55 am

### **Out for Delivery**

SANTA FE, NM 87501 February 19, 2025, 10:49 am

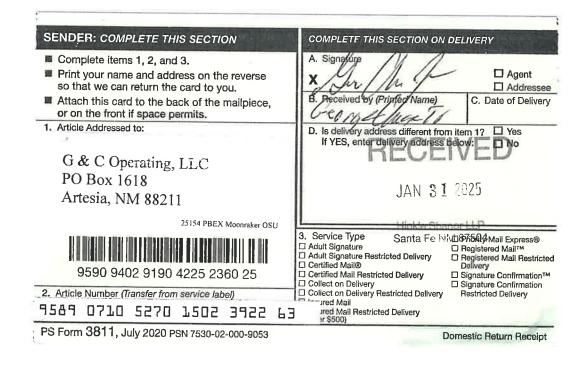
#### **Arrived at Post Office**

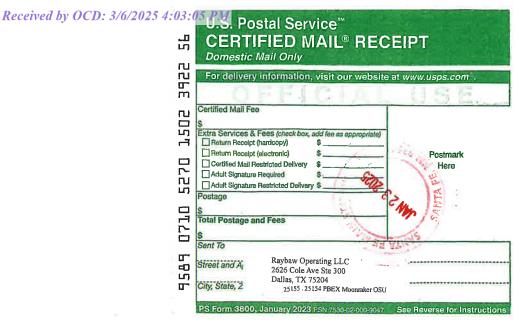
SANTA FE, NM 87501 February 19, 2025, 10:38 am

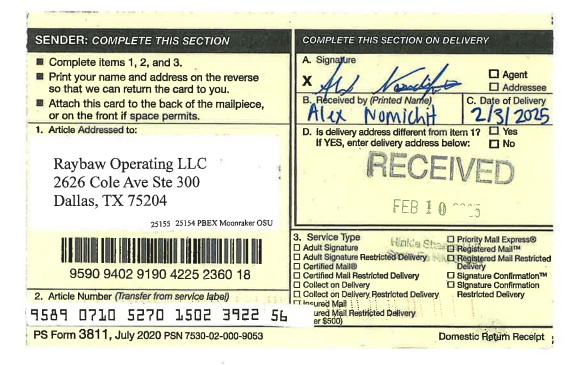
#### Arrived at USPS Facility

ALBUQUERQUE, NM 87101 February 18, 2025, 12:31 pm

E 3	U.S. Postal Service <sup>™</sup> CERTIFIED MAIL <sup>®</sup> RECEIPT  Domestic Mail Only	
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8	G & C Operating, LLC PO Box 1618	
95	Artesia, NM 88211 25155 25154 PBEX Moontuker OSt	
	PS Form 3800, January 2023 PSN 7530-02-000-9047	See Reverse for Instructions







# 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 January 29, 2025 and ending with the issue dated January 29, 2025.

Sworn and subscribed to before me this 29th day of January 2025.

OF NEW MEXICO anuary 29! NOTARY PUBLIC Seal) **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.

LEGAL

LEGAL

**LEGAL NOTICE January 29, 2025** 

LEGAL NOTICE
January 29, 2025

This is to notify all interested parties, including; Caroll W. Bellah; Loy G. Fletcher or Estate of Loy Fletcher; G and C Operating, LLC; James E. Guy; J.T. Jackson & Associates; MRC Permian Company; Nadel and Gussman Permian LLC; Occidental Permian LP; Raybaw Operating LLC; and their successors and assigns, that the New Mexico Oil Conservation Division will conduct a hearing on the application submitted by PBEX Operations, LLC ("Applicant") (Case No. 25155). The hearing will be conducted on February 13, 2025, in a hybrid fashion, both virtually and 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. To participate virtually, see the instructions posted on the OCD Hearings website: https://www.emrrd.nm.gov/ocd/hearing-info/. In Case No. 25155, Applicant seeks an order pooling uncommitted interests in the First Bone Spring interval of the Bone Spring formation underlying a 480-acre, more or less, standard horizontal spacing unit comprised of the Wi2 of Sections 15, 22, and 27, Township 19 South, Range 33 East, Lea County, New Mexico ("Unit"), Applicant seeks to dedicate the Unit to the following proposed wells ("Wells"): Moonraker 15-27 Fed Com 101H, which will be drilled from a surface hole location in the NE/4 NW/4 (Unit C) of Section 15 to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 27. The completed intervals of the Wells will be orthodox. The Moonraker 15-27 Fed Com 101H well will be located within 330' of the quarter-quarter section line separating the W/2 W/2 and E/2 W/2 of Sections 15, 22, and 27 to allow for the creation of a 480-acre standard horizontal spacing unit. The Unit will overlap with the spacing units for the following wells, which produce from the Tonto; Bone Spring Pool (Code 59475); Malachite 22 Federal #0014 (API No. 30-025-40318), which is located in the W/2 W/2 of Section 22, Township 19 South, Range 33 East, Malachite 22 Federal #0

02107475

00297773

**GILBERT** HINKLE, SHANOR LLP PO BOX 2068 SANTA FE, NM 87504

**PBEX Operations, LLC** Case No. 25155 Exhibit C-4