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

APPLICATION OF COLGATE OPERATING, LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

CASE NO. 22826

EXHIBIT INDEX

Compulsory Pooling Checklist

Exhibit A	Self-Affirmed Statement of Mark Hadjik
A-1	Application & Proposed Notice of Hearing
A-2	C102s for Wells
A-3	Plat of Tracts, Ownership Interests, Uncommitted Interests to be Pooled
A-4	Sample Well Proposal Letter and AFEs
A-5	Chronology of Contact
Exhibit B	Self-Affirmed Statement of David DaGian
B-1	Regional Locator Map
B-2	Cross-Section Locator Map
B-3	Wolfcamp – Structure Map
B-4	Structural Cross-Section
B-5	Stratigraphic Cross-Section
B-6	Gun Barrel Development Plan
Exhibit C	Affidavit of Dana S. Hardy
C-1	Sample Notice Letters to All Interested Parties and Overriding Royalty Interest Owners
C-2	Chart of Notice to All Interested Parties and Overriding Royalty Interest

Owners

C-3	Certified Mail Receipts
-----	-------------------------

C-4 Affidavit of Publication for May 18, 2022

COMPULSORY POOLING APPLICATION CHECKLIST

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case No.:	22826
Hearing Date:	7/7/2022
Applicant	Colgate Operating, LLC
Designated Operator & OGRID	371449
Applicant's Counsel	Hinkle Shanor LLP
Case Title	Application of Colgate Operating, LLC for Compulsory Pooling,
	Eddy County, New Mexico
Entries of Appearance/Intervenors	COG Operating LLC
Well Family	Dundee 4 Fed Com
Formation/Pool	
Formation Name(s) or Vertical Extent	Wolfcamp
Primary Product (Oil or Gas)	Oil
Pooling this vertical extent	wolfcamp
Pool Name and Pool Code	Wolfcamp North Gas Pool (Code 73520)
Well Location Setback Rules	Standard
Spacing Unit Size	320-acre
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320
Building Blocks	quarter-quarter
Orientation	West/East
Description: TRS/County	S/2 N/2 of Sections 3 and 4, Township 20 South, Range 28 East,
	Eddy County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	N/A
Well(s)	
Name & API (if assigned), surface and bottom hole location,	Add wells as needed
footages, completion target, orientation, completion status	
(standard or non-standard)	
Well #1	Dundee 4 Fed Com 201H (API # pending)
	SHL: 988' FNL & 200' FEL, Lot 1, Section 5, T20S-R28E
	BHL: 1638' FNL & 10' FEL, Unit H, Section 3, T20S-R28E
	Completion Target: Wolfcamp (Approx. 8,825' TVD)
	Well Orientation: West to East
Horizontal Well First and Last Take Points	Exhibit A-2
Completion Target (Formation, TVD and MD)	Exhibit A-4
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000.00
Production Supervision/Month \$	\$800.00
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A-1
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit C-3
	Exhibit C-4
Proof of Published Notice of Hearing (10 days before hearing)	
ownership betermination	

Received by OCD: 7/5/2022 2:21:57 PM	Page 4 of 103
Land Ownership Schematic of Spacing Unit	Exhibit A-3
Tract List (including lease numbers & owners)	Exhibit A-3
Pooled Parties (including ownership type)	Exhibit A-3
Unlocatable Parties to be Pooled	Exhibit A
Ownership Depth Severance (including percentage above &	
below)	N/A
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-6
Gross Isopach	N/A
Well Orientation (with rationale)	Exhibit B
Target Formation	Exhibit B
HSU Cross Section	Exhibits B-4, B-5
Depth Severance Discussion	N/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-6
Structure Contour Map - Subsea Depth	Exhibit B-3
Cross Section Location Map (including wells)	Exhibit B-2
Cross Section (including Landing Zone)	Exhibits B-4, B-5
Additional Information	
CERTIFICATION: I hereby certify that the information	
provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Dana S. Hardy
Signed Name (Attorney or Party Representative):	/s/ Dana S. Hardy
Date:	7/5/2022
	17572022

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

APPLICATION OF COLGATE OPERATING, LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

CASE NO. 22826

SELF-AFFIRMED STATEMENT OF MARK HADJIK

1. I am a Senior Landman at Colgate Operating, LLC ("Colgate") 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 credentials as an expert in petroleum land matters were accepted and made a matter of record.

2. I am familiar with the land matters involved in the above-referenced case. Copies of Colgate's application and proposed hearing notice are attached as **Exhibit A-1**.

3. 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.

4. Colgate seeks an order pooling all uncommitted interests in the Burton Flat, Wolfcamp North Gas Pool (Code 73520) within the Wolfcamp formation underlying a 320-acre, more or less, standard horizontal spacing unit comprised of the S/2 N/2 of Sections 3 and 4, Township 20 South, Range 28 East, Eddy County, New Mexico ("Unit").

5. The Unit will be dedicated to the **Dundee 4 Fed Com 201H** well ("Well") to be horizontally drilled from a surface hole location in Lot 1 (NE/4 NE/4 equivalent) of Section 5 to a bottom hole location in the SE/4 NE/4 (Unit H) of Section 3.

6. The completed interval of the Well will be orthodox.

7. **Exhibit A-2** contains the C-102 for the Well.

Colgate Operating, LLC Case No. 22826 Exhibit A

Released to Imaging: 7/5/2022 2:27:49 PM

8. **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 Colgate seeks to pool highlighted in yellow. The exhibit also identifies any unlocatable parties.

9. **Exhibit A-4** contains a sample well proposal letter and AFEs sent to working interest owners for the Well. The estimated costs reflected on the AFEs 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.

10. Colgate has conducted a diligent search of all county public records including phone directories and computer databases.

11. In my opinion, Colgate made a good-faith effort to reach voluntary joinder of uncommitted interests in the Well as indicated by the chronology of contact described in **Exhibit A-5**.

12. Colgate requests overhead and administrative rates of \$8,000 per month while the Well is being drilled and \$800 per month while the Well is producing. These rates are fair and are comparable to the rates charged by Colgate and other operators in the vicinity.

13. The attached exhibits were either prepared by me or under my supervision or were compiled from company business records.

14. In my opinion, the granting of Colgate's application would serve the interests of conservation, the protection of correlative rights, and the prevention of waste.

15. 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 next to my electronic signature below.

2

•

Mattlejdik

Mark Hajdik

<u>6/30/2022</u> Date

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

APPLICATION OF COLGATE OPERATING, LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

CASE NO. _____ 22826

APPLICATION

Pursuant to NMSA § 70-2-17, Colgate Operating, LLC (OGRID No. 371449) ("Applicant") applies for an order pooling all uncommitted interests in the Wolfcamp formation underlying a 320-acre, more or less, standard horizontal spacing unit comprised of the S/2N/2 of Sections 3 and 4, Township 20 South, Range 28 East, Eddy County, New Mexico ("Unit"). In support of its application, Applicant states the following.

1. Applicant is a working interest owner in the Unit and has the right to drill wells thereon.

2. The Unit will be dedicated to the **Dundee 4 Fed Com 201H** well, which will be horizontally drilled from a surface hole location in the NE/4NE/4 (Lot 1) of Section 5 to a bottom hole location in the SE/4NE/4 (Unit H) of Section 3.

3. The completed interval of the Well will be orthodox.

4. Applicant has undertaken diligent, good-faith efforts to obtain voluntary agreements from all interest owners to participate in the drilling of the Well but has been unable to obtain voluntary agreements from all interest owners.

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

6. In order to allow Applicant to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted mineral interests in the Unit should be pooled and Applicant should be designated the operator of the Well and Unit.

Colgate Operating, LLC Case No. 22826 Exhibit A-1 WHEREFORE, Applicant requests this application be set for hearing on June 2, 2022, and that after notice and hearing, the Division enter an order:

- A. Pooling all uncommitted interests in the Unit;
- B. Approving the Well in the Unit;
- C. Designating Applicant as operator of the Unit and the Well to be drilled thereon;
- D. Authorizing Applicant to recover its costs of drilling, equipping and completing the Well;
- E. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- F. Imposing a 200% penalty for the risk assumed by Applicant in drilling and completing the Well against any working interest owner who does not voluntarily participate in the drilling of the Well.

Respectfully submitted,

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 dhardy@hinklelawfirm.com jmclean@hinklelawfirm.com *Counsel for Colgate Operating, LLC* **Application of Colgate Operating, LLC for Compulsory Pooling, Eddy County, New Mexico.** Applicant applies for an order pooling all uncommitted interests in the Wolfcamp formation underlying a 320-acre, more or less, standard horizontal spacing unit comprised of the S/2 N/2 of Sections 3 and 4, Township 20 South, Range 28 East, Eddy County, New Mexico ("Unit"). The Unit will be dedicated to the **Dundee 4 Fed Com 201H** well, which will be horizontally drilled from a surface hole location in the NE/4 NE/4 (Lot 1) of Section 5 to a bottom hole location in the SE/4 NE/4 (Unit H) of Section 3. 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 the operator of the Wells, and a 200% charge for the risk involved in drilling and completing the Wells. The Wells are located approximately 12 miles northeast of Carlsbad, New Mexico. 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

Released to Imaging: 7/5/2022 2:27:49 PM

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1.	API Number	•	7	2 Pool Cod 3520	e	^{3 Pool Name} Burton Flat, Wolfcamp North Gas Pool					
4 Property	Code	5 Property Name DUNDEE 4 FED COM								6 Well Number 201H	
7 OGRID 371449		8 Operator Name COLGATE ENERGY LLC								9 Elevation 3317.94'	
-	¹⁰ Surface Location										
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line County			
1	5	20-S	28-E		988'	NORTH	200'	EAST EDDY			
			пBo	ttom Ho	le Location	If Different Fro	m Surface				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Wes	County		
Н	3	20-S	28-E		1638'	NORTH	10'	EAST	Г	EDDY	
12 Dedicated Acre 320	s 13 Joint o	or Infill 14 C	Consolidation	Code 15 O	rder 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.

$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature Date
$\begin{vmatrix} 4 \\ K \end{vmatrix} = - \begin{vmatrix} 3 \\ J \end{vmatrix} = - \begin{vmatrix} 3 \\ H \end{vmatrix} = - \begin{vmatrix} 6 \\ G \end{vmatrix}$	Printed Name E-mail Address
SURFACE HOLE LOCATION (SHL) FIRST TAKE POINT (FTP) CORNER DATA NEW MEXICO EAST - NAD 83 X=5584998.85 LAT = 32.60718140° N Y=583995.52 LONG = 104.19154254° W NEW MEXICO EAST - NAD 83 X=564998.85 LAT = 32.60718140° N Y=583995.52 LONG = 104.19154254° W NEW MEXICO EAST - NAD 83 X=585297.28 LAT = 32.60537453° N Y=583995.52 LONG = 104.19154254° W NEW MEXICO EAST - NAD 27 X=54311.80 LAT = 32.60706436° N Y=583933.94 LONG = -104.19006831° W Y=584590.87 LONG = -104.19103452° W Y=583933.94 LONG = -104.19006831° W NEW MEXICO PROBEW BRASS CAP 986' FNL, 200' FEL - SECTION 5 Y=583932.44 LONG = -104.19006831° W NESSTOL 20' E59828.61' 6 - FOUND IRON PIPE W/ BRASS CAP N:585701.20' E59828.61' F - FOUND IRON PIPE W/ BRASS CAP N:58308.72 NON PIPE W/ BRASS CAP N:585866.35' E598311.86' F - FOUND IRON PIPE W/ BRASS CAP N:58567 NON PIPE W/ BRASS CAP N:585671.20' E59828.61' F - FOUND IRON PIPE W/ BRASS CAP N:586701.20' E59828.61' N:585671.20' E59828.61' F - FOUND IRON PIPE W/ BRASS CAP N:580847.48' E595824.69' G - FOUND IRON	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey
LAST TAKE POINT (LTP) NEW MEXICO EAST - NAD 83 X=595727.50 LAT.= 32.60551485° N Y=584062.23 LONG.= 104.15670443° W NEW MEXICO EAST - NAD 27 X=554547.41 LAT.= 32.60539742° N Y=584000.57 LONG.= -104.15619732° W 1638' FNL, 100' FEL - SECTION 3 NEW MEXICO EAST - NAD 27 X=554637.41 LAT.= 32.60539860° N Y=584001.22 LONG.= -104.15590506° W 1638' FNL, 100' FEL - SECTION 3 NEW MEXICO EAST - NAD 27 X=554637.41 LAT.= 32.60539880° N Y=584001.22 LONG.= -104.15590506° W 1638' FNL, 100' FEL - SECTION 3 NEW MEXICO EAST - NAD 27 X=554637.41 LAT.= 32.60539880° N Y=584001.22 LONG.= -104.15590506° W 1638' FNL, 100' FEL - SECTION 3 NEW MEXICO EAST - NAD 27 X=554637.41 LAT.= 32.60539880° N Y=584001.22 LONG.= -104.15590506° W 1638' FNL, 100' FEL - SECTION 3 NEW MEXICO EAST - NAD 27 X=554637.41 LAT.= 32.60539880° N Y=584001.22 LONG.= -104.15590506° W 1638' FNL, 100' FEL - SECTION 3 NEW MEXICO EAST - NAD 27 X=554637.41 LAT.= 32.60539880° N Y=584001.22 LONG.= -104.15590506° W 1638' FNL, 100' FEL - SECTION 3 NEW MEXICO EAST - NAD 27 X=554637.41 LAT.= 32.60539880° N Y=584001.22 LONG.= -104.15590506° W 1638' FNL, 100' FEL - SECTION 3 NEW MEXICO EAST - NAD 27 X=554637.41 LAT.= 32.60539880° N Y=584001.22 LONG.= -104.15590506° W 1638' FNL, 100' FEL - SECTION 3 NEW MEXICO EAST - NAD 28 NEW MEXICO EAST - NAD 27 X=554637.41 LAT.= 32.60539880° N Y=584001.22 LONG.= -104.15590506° W 1638' FNL, 100' FEL - SECTION 3 NEW MEXICO EAST - NAD 28 NEW MEXICO EAST - NAD 27 NEW MEXICO EAST - NAD 28 NEW	Signature and Searce Professionar Surveyor:
Colgate Operating, LLC Case No. 22826	

Exhibit A-2

	DUNDEE 4 FED COM 201H (S/2N/2)								
	WI	OWNER	TRACT		Ň	ÉŤ	WI	FORCE POOL INTEREST	
Colgate P	olgate Production, LLC			4-1B, 4-4B, 3-4B, 3-5B		24	2.76	75.86%	Operator
Chi Energ	Chi Energy, Inc.			4-4B, 3-4B		1	8.65	5.83%	Yes
McCombs	Energy, Ltd			4-4B	, 3-4B	1	5.64	5.20%	Yes
COG Ope	rating LLC			4-4B		2	1.55	6.73%	No
D.H. Esse	x, Agency A	ccount		4-	-4B	5	.35	1.67%	Yes
Locker Br	others, a Tex	as general partnership	р	4-	-4B	4	.02	1.25%	Yes
Kennedy	Minerals, Ltd	1.		4-	-4B	4	.02	1.25%	Yes
Jami Hub	er Owen			4-	-4B	3	.88	1.21%	Yes
Don Hofn	nan*			4-	-4B	0	.18	0.06%	Yes
Trustee(s)	Samuel Max	x Mordka Trust		4-	-4B	0	.09	0.03%	Yes
Trustee(s)	Michelle A.	Rubin Trust		4-	-4B	0	.09	0.03%	Yes
E. O. Buf				3-	-4B	2	.40	0.75%	Yes
Michael N				3-4B		0	.40	0.12%	Yes
*Unlocata	*Unlocatable					32	0.00	100.00%	
	T20S-R28E			T205-	-R28E				
		ion 4			ion 3				
	020								
	4-1A	4-4A		3-4A	3-5A				
		Dundee	4 228	26			_		
	4-1B	4-4B	T LLOI						
2	4-1D	4-40		3-4B 3-5					
4-1C	4-2C	4-3C		3-5C(a)	3-5C(b)				
415	(20	4-3D		2 ED(a)	2 ED(1)				
4-1D	4-2D	4-3D		3-5D(a)	3-5D(b)				
ii.							_		Colgate Operating, L

Colgate Operating, LLC Case No. 22826 Exhibit A-3

.

-

LESSEE OF RECORD	FORCE POOL	TRACT
James L Alford	Yes	4-4B 3-4B

OVERRIDING ROYALTY INTERESTS
Realtimezone, Inc.
Long, LLC
Sandra Thoma
John Kyle Thoma, Trustee of the Cornerstone Family Trust
Susan S. Murphy, Trustee of the Susan S. Murphy
Monarch Oil and Gas Inc.
Scott Exploration, Inc.
Stephen T. Mitchell
Qualia Interests, LLC
Hutchings Oil Company
Pete Balog, Trustee of the Balog Family Trust
Valorie F. Walker, Trustee of the Jack V. Walker
Robert W. Hanagan
Natalie V. Hanagan
The Heirs and/or Devisees of the Estate of Harold Scott
Stephens Enterprises
Mark B. Murphy, Trustee of the Mark B. Murphy
OGI, Inc.
ROEC, Inc.
Doris R. Stinson
Energy Properties Limited, L.P.
Sam L. Shackelford
Robin K. Shackelford
William N. Heiss and Susan E. Heiss, Co-Trustees
Robin L. Morgan

Elizabeth S. Shelton, Trustee of the Elizabeth S.		
Shelton Living Trust, an inter vivos trust		
Elizabeth Sherman Shelton, as Trustee of the		
Prescott A. Sherman Grandchildren's Trust for the		
Elizabeth Sherman Shelton, as Trustee of the		
Prescott A. Sherman Grandchildren's Trust for the		
Colgate Royalties, LP		
John P. Conn and Eileen C. Knecht		
Michael D. Hayes and Kathryn A. Hayes, as Co-		
Trustees of the Hayes Revocable Trust		
Trinity Royalty Holdings I, LP		
Shelley Schutz Dominguez		
Nuevo Seis, Limited Partnership		
Adventure Exploration, L.P.		
Paul Davis, Ltd.		
PDIII Exploration, Ltd.		
JB & PDIII Partners, LLC		
Merrick Properties, LLC		
MKL Minerals, LLC		
Tar Creek, LLC		



March 4, 2022

Via Certified Mail

COG Operating LLC 600 W Illinois Ave Midland, TX 79701

RE: Dundee 4 Fed Com – Well Proposals Section 4: All, Section 3: All, T20S-R28E, Bone Spring and Wolfcamp Formation Eddy County, New Mexico

To Whom It May Concern:

Colgate Operating, LLC, as operator for Colgate Production, LLC ("Colgate"), hereby proposes the drilling and completion of the following eleven (11) wells, the Dundee 4 Fed Com 111H, 112H, 113H, 114H, 121H, 122H, 123H, 124H, 131H, 132H, 133H, 134H, 201H, 202H, & 203H at the following approximate locations within Township 20 South, Range 28 East:

1. Dundee 4 Fed Com 111H

SHL: At a legal location in the NE/4NE/4 of Section 5
BHL: 10' FEL & 990' FNL of Section 3
FTP: 100' FWL & 990' FNL of Section 4
LTP: 100' FEL & 990' FNL of Section 3
TVD: 6,160'
TMD: Approximately 16,887'
Proration Unit: N2N2 of Sections 3 and 4
Targeted Interval: 1st Bone Spring
Total Cost: See attached AFE

2. Dundee 4 Fed Com 112H

SHL: At a legal location in the NE/4NE/4 of Section 5
BHL: 10' FEL & 2310' FNL of Section 3
FTP: 100' FWL & 2310' FNL of Section 4
LTP: 100' FEL & 2310' FNL of Section 3
TVD: 6,160'
TMD: Approximately 16,887'
Proration Unit: S2N2 of Sections 3 and 4
Targeted Interval: 1st Bone Spring
Total Cost: See attached AFE

300 N. Marienfeld St., Suite 1000, Midland, Texas 79701 P: (432) 695-4222 | F: (432) 695-4063 www.ColgateEnergy.com

Colgate Operating, LLC Case No. 22826 Exhibit A-4

3. Dundee 4 Fed Com 113H

SHL: At a legal location in the SE/4 of Section 5 BHL: 10' FEL & 1650' FSL of Section 3 FTP: 100' FWL & 1650' FSL of Section 4 LTP: 100' FEL & 1650' FSL of Section 3 TVD: 6,160' TMD: Approximately 16,887' Proration Unit: N2S2 of Sections 3 and 4 Targeted Interval: 1st Bone Spring Total Cost: See attached AFE

4. Dundee 4 Fed Com 114H

SHL: At a legal location in the SE/4 of Section 5
BHL: 10' FEL & 330' FSL of Section 3
FTP: 100' FWL & 330' FSL of Section 4
LTP: 100' FEL & 330' FSL of Section 3
TVD: 6,160'
TMD: Approximately 16,887'
Proration Unit: S2S2 of Sections 3 and 4
Targeted Interval: 1st Bone Spring
Total Cost: See attached AFE

5. Dundee 4 Fed Com 121H

SHL: At a legal location in the NE/4NE/4 of Section 5
BHL: 10' FEL & 990' FNL of Section 3
FTP: 100' FWL & 990' FNL of Section 4
LTP: 100' FEL & 990' FNL of Section 3
TVD: 7255'
TMD: Approximately 17982'
Proration Unit: N2N2 of Sections 3 and 4
Targeted Interval: 2nd Bone Spring
Total Cost: See attached AFE

6. Dundee 4 Fed Com 122H

SHL: At a legal location in the NE/4NE/4 of Section 5
BHL: 10' FEL & 2310' FNL of Section 3
FTP: 100' FWL & 2310' FNL of Section 4
LTP: 100' FEL & 2310' FNL of Section 3
TVD: 7255'
TMD: Approximately 17982'
Proration Unit: S2N2 of Sections 3 and 4
Targeted Interval: 2nd Bone Spring
Total Cost: See attached AFE

7. Dundee 4 Fed Com 123H

SHL: At a legal location in the SE/4 of Section 5
BHL: 10' FEL & 1650' FSL of Section 3
FTP: 100' FWL & 1650' FSL of Section 4
LTP: 100' FEL & 1650' FSL of Section 3
TVD: 7,509'
TMD: Approximately 12,794'
Proration Unit: N2S2 of Sections 3 and 4
Targeted Interval: 2nd Bone Spring
Total Cost: See attached AFE

8. Dundee 4 Fed Com 124H

SHL: At a legal location in the SE/4 of Section 5
BHL: 10' FEL & 330' FSL of Section 3
FTP: 100' FWL & 330' FSL of Section 4
LTP: 100' FEL & 330' FSL of Section 3
TVD: 7255'
TMD: Approximately 17982'
Proration Unit: S2S2 of Sections 3 and 4
Targeted Interval: 2nd Bone Spring
Total Cost: See attached AFE

9. Dundee 4 Fed Com 131H

SHL: At a legal location the NE/4NE/4 of Section 5
BHL: 10' FEL & 990' FNL of Section 3
FTP: 100' FWL & 990' FNL of Section 4
LTP: 100' FEL & 990' FNL of Section 3
TVD: 8480'
TMD: Approximately 19207'
Proration Unit: N2N2 of Sections 3 and 4
Targeted Interval: 3rd Bone Spring
Total Cost: See attached AFE

10. Dundee 4 Fed Com 132H

SHL: At a legal location the NE/4NE/4 of Section 5
BHL: 10' FEL & 2,310' FNL of Section 3
FTP: 100' FWL & 2,310' FNL of Section 4
LTP: 100' FEL & 2,310' FNL of Section 3
TVD: 8480'
TMD: Approximately 19207'
Proration Unit: S2N2 of Sections 3 and 4
Targeted Interval: 3rd Bone Spring
Total Cost: See attached AFE

11. Dundee 4 Fed Com 133H

SHL: At a legal location the SE/4 of Section 5
BHL: 10' FEL & 1,650' FSL of Section 3
FTP: 100' FWL & 1,650' FSL of Section 4
LTP: 100' FEL & 1,650' FSL of Section 3
TVD: 8480'
TMD: Approximately 19207'
Proration Unit: N2S2 of Sections 3 and 4
Targeted Interval: 3rd Bone Spring
Total Cost: See attached AFE

12. Dundee 4 Fed Com 134H

SHL: At a legal location in the SE/4 of Section 5
BHL: 10' FEL & 330' FSL of Section 3
FTP: 100' FWL & 330' FSL of Section 4
LTP: 100' FEL & 330' FSL of Section 3
TVD: 8480'
TMD: Approximately 19207'
Proration Unit: S2S2 of Sections 3 and 4
Targeted Interval: 3rd Bone Spring
Total Cost: See attached AFE

13. Dundee 4 Fed Com 201H

SHL: At a legal location in the NE/4NE/4 of Section 5
BHL: 10' FEL & 1,650' FNL of Section 3
FTP: 100' FWL & 1,650' FNL of Section 4
LTP: 100' FEL & 1,650' FNL of Section 3
TVD: 8825'
TMD: Approximately 19552'
Targeted Interval: Wolfcamp XY
Total Cost: See attached AFE

14. Dundee 4 Fed Com 202H

SHL: At a legal location in the SE/4 of Section 5
BHL: 10' FEL & 2,310' FSL of Section 3
FTP: 100' FWL & 2,310' FSL of Section 4
LTP: 100' FEL & 2,310' FSL of Section 3
TVD: 8825'
TMD: Approximately 19552'
Targeted Interval: Wolfcamp XY
Total Cost: See attached AFE

15. Dundee 4 Fed Com 203H

SHL: At a legal location in the SE/4SE/4 of Section 5
BHL: 10' FEL & 990' FSL of Section 3
FTP: 100' FWL & 990' FSL of Section 4
LTP: 100' FEL & 990' FSL of Section 3
TVD: 8825'
TMD: Approximately 19552'
Targeted Interval: Wolfcamp XY
Total Cost: See attached AFE

The locations, TVDs, and targets are approximate and subject to change dependent on surface or subsurface issues encountered. Colgate is proposing to drill these wells under the modified terms of the 1989 AAPL Operating Agreement and a form of said Operating Agreement is available upon request. The Operating Agreement has the following general provisions:

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

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

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

Thank you for your time and consideration, if you have any questions at all, please don't hesitate to contact me at 432.257.3886 or by email at mhajdik@colgateenergy.com.

Respectfully,

Mattlejelik

Mark Hajdik Senior Staff Landman Enclosures

Well Elections: (Please indicate your responses in the spaces below)							
Well(s)Elect to ParticipateElect to NOT							
Dundee 4 Fed Com 111H							
Dundee 4 Fed Com 112H							
Dundee 4 Fed Com 113H							
Dundee 4 Fed Com 114H							
Dundee 4 Fed Com 121H							
Dundee 4 Fed Com 122H							
Dundee 4 Fed Com 123H							
Dundee 4 Fed Com 124H							
Dundee 4 Fed Com 131H							
Dundee 4 Fed Com 132H							
Dundee 4 Fed Com 133H							
Dundee 4 Fed Com 134H							
Dundee 4 Fed Com 201H							
Dundee 4 Fed Com 202H							
Dundee 4 Fed Com 203H							

Company Name (If Applicable):

By: _____

Printed Name:

Date: _____

Participate / Rejection Declaration

Please return this page to Colgate by the date specified in the letter, signed indicating your election to either participate in or reject this insurance program. If you reject the insurance coverage arranged by Colgate, then, to the extent that Colgate has an obligation to secure any such insurance on your behalf under any applicable agreements or otherwise, Colgate will be relieved of such obligation, and Colgate will assume that you maintain appropriate levels of insurance and will provide a current Certificate of Insurance upon request. If you fail to make an election within 30 days from receipt of this notice, you will be deemed a participant in the program as detailed on the attached and billed for your percentage participation as such.

- □ I hereby elect to participate in the insurance coverage arranged by Colgate Operating, LLC and understand that I will be charged for such participation.
- □ I hereby elect to reject the insurance coverage arranged by Colgate Operating, LLC.

Agreed this _____ day of _____, 2022 by:

Company Name (If Applicable):

Signature

Printed Name

Title

Colgate Energy 300 N. Marienfeld St., Ste. 1000 Midland, TX 79701

Phone (432) 695-4222 • Fax (432) 695-4063 ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

DATE:	3/3/2022	AFE NO.:	0
WELL NAME:	Dundee 4 Fed Com 201H	FIELD:	Old Millman Ranch; BONE SPRING
LOCATION:	Section 5, Block T20S-R28E	MD/TVD:	19552' MD / 8825' TVD
COUNTY/STATE:	Eddy County, New Mexico	LATERAL LENGTH:	10,400
Colgate WI:		DRILLING DAYS:	21.0
GEOLOGIC TARGET:	WCXY	COMPLETION DAYS:	19

Drill a horizontal WCXY well and complete. AFE includes drilling, completions, flowback and Initial AL install cost REMARKS:

	DRILLING	COMPLETION	PRODUCTION	TOTAL
INTANGIBLE COSTS	COSTS	COSTS	COSTS	COSTS
1 Land / Legal / Regulatory \$	42,500	s	\$	\$ 42,500
2 Location, Surveys & Damages	207,601	13,000	25,000	245,601
4 Freight / Transportation	34,270	30,250	20,000	64,520
5 Rental - Surface Equipment	93,261	153,700	13,060	260,021
6 Rental - Downhole Equipment	147,810	26,250		174,060
7 Rental - Living Quarters	35,745	43,450		79,195
10 Directional Drilling, Surveys	322,288			322,288
11 Drilling	566,837			566,837
12 Drill Bits	72,080			72,080
13 Fuel & Power	142,742	300,000		442,742
14 Cementing & Float Equip	149,460			149,460
15 Completion Unit, Swab, CTU			24,000	-
16 Perforating, Wireline, Slickline	-	292,525	28,000	320,525
17 High Pressure Pump Truck	-	46,000	18,000	64,000
18 Completion Unit, Swab, CTU	-	75,950		75,950
20 Mud Circulation System	79,486			79,486
21 Mud Logging	16,236			16,236
22 Logging / Formation Evaluation	7,419	6,000		13,419
23 Mud & Chemicals	264,957	316,753		581,709
24 Water	31,270	487,976		519,246
25 Stimulation	-	562,286		562,286
26 Stimulation Flowback & Disp	-	102,125		102,125
28 Mud / Wastewater Disposal	138,945	44,000		182,945
30 Rig Supervision / Engineering	93,190	102,075	4,800	200,065
32 Drlg & Completion Overhead	7,875	-		7,875
34 Vacuum Truck			2,000	
35 Labor	103,986	50,000	20,000	173,986
54 Proppant		1,029,600		1,029,600
95 Insurance	10,363			10,363
97 Contingency	-	16,869	-	16,869
99 Plugging & Abandonment	-			-
TOTAL INTANGIBLES >	2,568,320	3,698,808	134,860	6,375,988
	DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE COSTS	COSTS	COSTS	COSTS	COSTS
	COSIS		0515	00010
		\$	\$	
60 Surface Casing \$	18,835 123,096	\$	\$	\$ 18,835
60 Surface Casing \$	18,835	\$	\$	\$ 18,835
60 Surface Casing \$ 61 Intermediate Casing -	18,835	\$	\$	\$ 18,835 123,096
60 Surface Casing 5 61 Intermediate Casing 62 Drilling Liner -	18,835 123,096	\$	\$	\$ 18,835 123,096
60 Surface Casing \$ 61 Intermediate Casing 62 Drilling Liner 63 Production Casing 73	18,835 123,096	\$	\$ 85,500	\$ 18,835 123,096
60 Surface Casing \$ 61 Intermediate Casing 62 Drilling Liner 63 Production Casing 64 Production Liner 64 Production Liner	18,835 123,096 - - 485,741 - - - 46,640	\$	\$	\$ 18,835 123,096 - 485,741 - 85,500
60 Surface Casing \$ 61 Intermediate Casing 62 Drilling Liner 63 Production Casing 64 Production Liner 65 Tubing 5	18,835 123,096 - - 485,741 - -	\$	\$ 	\$ 18,835 123,096 - - - - - - - - - - - - - - - - - - -
60 Surface Casing 5 61 Intermediate Casing 6 62 Drilling Liner 6 63 Production Casing 6 64 Production Liner 6 65 Tubing 66 Wellhead 6	18,835 123,096 - - 485,741 - - - 46,640	\$	\$ 	\$ 18,835 123,096 - - - - - - - - - - - - - - - - - - -
60 Surface Casing \$ 61 Intermediate Casing 6 2 Drilling Liner 6 63 Production Liner 6 64 Production Liner 6 65 Tubing 6 66 Wellhead 6 77 Packers, Liner Hangers 6 88 Tanks 6 69 Production Vessels	18,835 123,096 - - 485,741 - - - 46,640	\$	\$	\$ 18,835 123,096
60 Surface Casing \$ 61 Intermediate Casing 6 22 Drilling Liner 6 63 Production Casing 6 64 Production Liner 6 65 Tubing 6 66 Wellhead 6 76 Packers, Liner Hangers 6 86 Tanks	18,835 123,096 	\$	\$ 	\$ 18,835 123,096
60 Surface Casing \$ 61 Intermediate Casing 6 2 Drilling Liner 6 63 Production Liner 6 64 Production Liner 6 65 Tubing 6 66 Wellhead 6 77 Packers, Liner Hangers 6 88 Tanks 6 69 Production Vessels	18,835 123,096 	\$	\$	\$ 18,835 123,096
60 Surface Casing \$ 61 Intermediate Casing 6 21 Drilling Liner 6 63 Production Casing 6 44 Production Casing 6 64 Production Liner 6 65 Tubing 6 66 Wellhead 6 76 Packers, Liner Hangers 6 86 Tanks 6 69 Production Vessels 7 06 House 7	18,835 123,096 	\$	\$	\$ 18,835 123,096 485,741
60 Surface Casing \$ 61 Intermediate Casing - 62 Drilling Liner - 63 Production Casing - 64 Production Liner - 65 Tubing - 66 Wellhead - 67 Packers, Liner Hangers - 68 Tanks - 69 Production Vessels - 70 How Lines - 71 Rod string -	18,835 123,096 	\$	\$ _	\$ 18,835 123,096 485,741 85,500 86,840 18,100
60 Surface Casing \$ 61 Intermediate Casing 62 Drilling Liner 63 Production Casing 64 Production Liner 65 Tubing 66 Wellhead 67 Packers, Liner Hangers 68 Tanks 69 Production Vessels 70 How Lines 71 Rod string 72 Artificial Lift Equipment	18,835 123,096 	\$	\$ 	\$ 18,835 123,096 485,741 - - - - - - - - - - - - - - - - - - -
60 Surface Casing \$ 61 Intermediate Casing 61 62 Drilling Liner 63 64 Production Casing 64 67 Production Casing 66 67 Production Liner 66 66 Wellhead 67 67 Packers, Liner Hangers 68 69 Production Vessels 70 70 How Lines 71 72 Artificial Lift Equipment 73 73 Compressor 74 74 Installation Costs 75	18,835 123,096 	\$	\$ 	\$ 18,835 123,096
60 Surface Casing \$ 61 Intermediate Casing 62 62 Drilling Liner 63 63 Production Casing 64 64 Production Liner 65 65 Tubing 66 66 Wellhead 67 67 Packers, Liner Hangers 68 68 Tanks 69 70 How Lines 71 70 How Lines 71 73 Compresor 73 74 Installaltion Costs 75 75 Downhole Pumps 76	18,835 123,096 	\$	\$ 	\$ 18,835 123,096 485,741
60 Surface Casing \$ 61 Intermediate Casing 61 62 Drilling Liner 63 64 Production Casing 64 67 Production Casing 66 67 Production Liner 66 66 Wellhead 67 67 Packers, Liner Hangers 68 69 Production Vessels 70 70 How Lines 71 72 Artificial Lift Equipment 73 73 Compressor 74 74 Installation Costs 75	18,835 123,096 	\$	\$ 	\$ 18,835 123,096 485,741
60 Surface Casing \$ 61 Intermediate Casing 61 62 Drilling Liner 63 63 Production Casing 64 64 Production Liner 65 65 Tubing 66 66 Wellhead 67 67 Packers, Liner Hangers 68 68 Tanks 69 69 Production Vessels 70 70 How Lines 71 71 Kod string 72 72 Artificial Lift Equipment 73 73 Compressor 74 75 Surface Pumps 75 70 Jownhole Pumps 77 76 Gas Conditioning / Dehydration 74	18,835 123,096 	\$	\$ 	\$ 18,835 123,096 485,741
60 Surface Casing \$ 61 Intermediate Casing 61 62 Drilling Liner 63 63 Production Casing 64 64 Production Liner 65 65 Jubing 66 66 Wellhead 67 67 Packers, Liner Hangers 68 68 Ianks 69 69 Production Vessels 70 70 How Lines 71 71 Kod string 72 73 Compressor 73 74 Installation Costs 75 75 Downhole Pumps 70 77 Measurement & Meter Installation 78 78 Gas Conditioning / Dehydration 79 79 Interconnecting Facility Piping 79	18,835 123,096 		\$ 	\$ 18,835 123,096 485,741
60 Surface Casing \$ 61 Intermediate Casing 61 62 Drilling Liner 63 63 Production Casing 64 64 Production Casing 66 65 Tubing 66 66 Wellhead 67 67 Packers, Liner Hangers 68 69 Production Vessels 70 70 How Lines 71 71 Rod string 72 72 Artificial Lift Equipment 73 73 Compressor 74 74 Installation Costs 75 75 Surface Pumps 70 70 Measurement & Meter Installation 78 78 Gas Conditioning / Dehydration 79 79 Interconnecting Facility Piping 80 80 Gathering / Bulk Lines 100	18,835 123,096 		\$ 	\$ 18,835 123,096 485,741
60 Surface Casing \$ 61 Intermediate Casing 61 62 Drilling Liner 63 63 Production Casing 64 64 Production Liner 65 65 Tubing 66 66 Wellhead 67 67 Packers, Liner Hangers 68 68 Tanks 69 69 Production Vessels 70 70 How Lines 71 71 Rod string 72 72 Artificial Lift Equipment 73 73 Compresor 74 74 Installation Costs 75 75 Surface Pumps 77 76 Gas Conditioning / Dehydration 79 79 Hateronnecting Facility Piping 80 80 Gathering / Bulk Lines 81 81 Valves, Dumps, Controllers 74	18,835 123,096 		\$ 	\$ 18,835 123,096 485,741
60 Surface Casing \$ 61 Intermediate Casing 61 62 Drilling Liner 63 63 Production Casing 64 64 Production Liner 65 65 Tubing 66 66 Wellhead 67 67 Packers, Liner Hangers 68 69 Production Vessels 70 70 How Lines 71 71 Rod string 72 72 Artificial Lift Equipment 73 73 Compressor 74 74 Installation Costs 75 75 Surface Pumps 76 76 Mownhole Pumps 79 79 Interconneenting Facility Priping 80 80 Gathering / Bulk Lines 81 81 Yalves, Dumps, Controllers 82 82 Tank / Facility Containment 81	18,835 123,096 		\$ 	\$ 18,835 123,096 485,741
60 Surface Casing \$ 61 Intermediate Casing 61 62 Drilling Liner 63 63 Production Casing 64 64 Production Casing 64 65 Tubing 66 66 Wellhead 67 67 Packers, Liner Hangers 68 69 Production Vessels 70 70 How Lines 71 71 Rod string 72 72 Artificial Lift Equipment 73 73 Compressor 74 75 Surface Pumps 77 76 Jownhole Pumps 77 77 Measurement & Meter Installation 78 79 Interconnecting Facility Piping 80 80 Cathering / Bulk Lines 81 81 Valves, Dumps, Controllers 82 Tank / Facility Containment 85 Flare Stack 81	18,835 123,096 		\$ 	\$ 18,835 123,096
60 Surface Casing \$ 61 Intermediate Casing 61 62 Drilling Liner 63 64 Production Casing 64 64 Production Liner 65 65 Tubing 66 66 Wellhead 67 67 Packers, Liner Hangers 68 68 Tanks 69 69 Production Vessels 70 70 How Lines 71 71 Rod string 72 72 Artificial Lift Equipment 73 73 Compressor 74 75 Surface Pumps 76 76 Downhole Pumps 77 77 Measurement & Meter Installation 79 79 Interconnecting Facility Piping 80 80 Takers 81 81 Valves, Dumps, Controllers 82 82 Tank / Facility Containment 83 84 Electrical/ Grounding 54	18,835 123,096 		\$ 	\$ 18,835 123,096 485,741 - - - - - - - - - - - - - - - - - - -
60 Surface Casing \$ 61 Intermediate Casing 61 62 Drilling Liner 63 63 Production Casing 64 64 Production Liner 65 76 Tackers, Liner Hangers 66 66 Wellhead 67 67 Packers, Liner Hangers 68 68 Tanks 69 69 Production Vessels 70 70 How Lines 71 71 Rod string 72 72 Artificial Lift Equipment 73 73 Compressor 74 74 Installation Costs 75 75 Surface Pumps 70 70 Measurement & Meter Installation 79 78 Gase Conditioning / Dehydration 79 79 Interconnecting Facility Piping 80 80 Gathering / Bulk Lines 81 81 Tank / Facility Containment 88 84 Tank / Facility Containment 88 84 Electrical / Grounding 84 Electrical / Grounding 84 Communications / SCADA 84	18,835 123,096 		\$ 	\$ 18,835 123,096
60 Surface Casing \$ 61 Intermediate Casing 61 62 Drilling Liner 63 64 Production Casing 64 64 Production Liner 65 65 Tubing 66 66 Wellhead 67 67 Packers, Liner Hangers 68 68 Tanks 69 69 Production Vessels 70 70 How Lines 71 71 Rod string 72 72 Artificial Lift Equipment 73 73 Compressor 74 75 Surface Pumps 76 76 Downhole Pumps 77 77 Measurement & Meter Installation 79 79 Interconnecting Facility Piping 80 80 Takers 81 81 Valves, Dumps, Controllers 82 82 Tank / Facility Containment 83 84 Electrical/ Grounding 54	18,835 123,096 		\$ 	\$ 18,835 123,096 485,741 - - - - - - - - - - - - - - - - - - -
60 Surface Casing \$ 61 Intermediate Casing 61 62 Drilling Liner 63 63 Production Casing 64 64 Production Liner 65 75 Tackers, Liner Hangers 66 66 Wellhead 67 67 Packers, Liner Hangers 68 68 Tanks 69 69 Production Vessels 70 70 How Lines 71 71 Rod string 72 72 Artificial Lift Equipment 73 73 Compressor 74 74 Installation Costs 75 75 Surface Pumps 70 70 Measurement & Meter Installation 79 78 Gase Conditioning / Dehydration 79 79 Interconnecting Facility Piping 80 80 Gathering / Bulk Lines 81 81 Tank / Facility Contailment 88 83 Flare Stack 84 84 Electrical / Grounding 85 Communications / SCADA	18,835 123,096 		\$ 	\$ 18,835 123,096
60 Surface Casing \$ 61 Intermediate Casing 61 62 Drilling Liner 63 63 Production Casing 64 64 Production Liner 65 65 Tubing 66 66 Wellhead 67 67 Packers, Liner Hangers 68 68 Tanks 69 69 Production Vessels 70 70 How Lines 71 71 Kod string 72 72 Artificial Lift Equipment 73 73 Compressor 74 75 Surface Pumps 75 76 Gas Conditioning / Dehydration 79 79 Interconnecting Facility Piping 80 80 Cathering / Bulk Lines 81 81 Valves, Dumps, Controllers 82 82 Flank / Facility Containment 83 83 Flare Stack 84 84 Electrical / Grounding 85 85 Communications / SCADA 86 86 Instrumentation / Safety 92	18,835 123,095	s	S 	\$ 18,835 123,096

PREPARED BY Colgate Energy: Drilling Engineer: SS/RM/PS Completions Engineer: BA/ML Production Engineer: Levi Harris Colgate Energy APPROVAL: Co-CEO Co-CEO VP - Operations VP - Land & Legal VP - Geosciences BG SO NON OPERATING PARTNER APPROVAL: Company Name: Working Interest (%): Tax ID: Signed by: Date: Approval: Yes No (mark one) Title: the AFE may be delayed up to a year it, regulatory order or other assessment executing this AFE, the Participant agrees to pa

Dundee 4 Communication Timeline

March 2022 – Initial proposals sent for the Dundee 4 Wells

March-Present 2022 – The following actions were taken for Estate of Don Hoffman and T E Ray Resources:

- From March to present non deliverable proposals were resent to additional addresses
- Colgate utilized a number of resources to locate parties or new addresses
 - Researched online and county records
 - Utilized idiCore which is a subscription based online investigative search tool to locate last known addresses and other information about parties
 - Searched obituaries to identify possible heirs to send notice to
 - Searched Secretary of State website for details regarding entities that had bad delivery or were not locatable

March 2022 – Rubin and Mordka elected to non consent the proposals. Neitzel and AGS Resources 2007 elected to participate and appears to intend to participate under the orders.

March-May 2022 – Exchanged correspondence with Kirk & Sweeney via email and they plan to participate pursuant to the orders closer to actual spud. Exchanged email and telephone conversations with various parties including Locker and Kennedy. Did not receive a final election or enter into JOA negotiations from several of the parties communicated with.

June 2022 – Negotiated JOA and finalized execution of JOA covering all spacing units with COG.

March 2022 to present – Several parties have not responded to the proposals that were received and two parties were completely unlocatable necessitating compulsory pooling.

Colgate Operating, LLC Case No. 22826 Exhibit A-5

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

APPLICATION OF COLGATE OPERATING, LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

CASE NO. 22826

SELF-AFFIRMED STATEMENT OF DAVID DAGIAN

1. I am a geologist at Colgate Operating, LLC ("Colgate") 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 credentials as an expert in petroleum geology matters were accepted and made a matter of record.

2. I am familiar with the geological matters that pertain to the above-referenced case.

3. **Exhibit B-1** is a regional locator map that identifies the Dundee project area, in proximity to the Capitan Reef within the Delaware Basin, for the Wolfcamp horizontal spacing units that are the subject of these applications.

4. **Exhibit B-2** is a cross section location map for the proposed horizontal spacing unit ("Unit") within the Wolfcamp formation. The approximate wellbore path for the proposed Dundee 4 Fed Com 201H well ("Well") is represented by dashed lines. Existing producing wells in the targeted interval are represented by solid lines. This map identifies the cross-section running from A-A' with the cross-section wells name and a black line in proximity to the proposed well.

5. **Exhibit B-3** is a Wolfcamp Structure map on the top of the Wolfcamp formation in TVD subsea with a contour interval of 50 ft. The map identifies the approximate wellbore path for the Dundee 4 Fed Com 201H proposed Well with a purple dashed line. It also identifies the

> Colgate Operating, LLC Case No. 22826 Exhibit B

1

location of the cross-section running from A-A' in proximity to the proposed well. The data points are indicated by red triangles. The map demonstrates the formation is gently dipping to the east-southeast in this area. I do not observe any faulting, pinch-outs, or geologic impediments to developing the targeted intervals with horizontal wells.

6. **Exhibit B-4** identifies three wells penetrating the targeted interval I used to construct a structural cross-section from A to A'. The structural cross section from west to east shows the regional dip to the East-Southeast for the Wolfcamp Well. I used these well logs because they penetrate the targeted interval, are of good quality, and are representative of the geology in the area. The target zones for the proposed Well is the Wolfcamp formation, which is consistent across the units. The approximate well-path for the proposed Well is indicated by dashed lines to be drilled from west to east across the units.

7. **Exhibit B-5** is a stratigraphic cross-section from A to A' using the representative wells identified on **Exhibit B-4**. It contains gamma ray, resistivity, and porosity logs. The cross section is oriented from west to east and is hung on the top of the Wolfcamp formation. The proposed landing zone for the Well is labeled on the exhibit. The approximate well-path for the proposed well is indicated by dashed lines to be drilled from west to east across the units. This cross-section demonstrates the target interval is continuous across the Unit.

8. **Exhibit B-6** is a gun barrel diagram that shows the Dundee 4 Fed Com 201H well in the Wolfcamp formation.

9. In my opinion, a laydown orientation for the Well is appropriate to properly develop the subject acreage because of consistent rock properties throughout the Unit and is the preferred fracture orientation in this portion of the trend.

2

10. 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 or less equally to the production of the Well.

11. In my opinion, the granting of Colgate's application will serve the interests of conservation, the protection of correlative rights, and the prevention of waste.

12. The exhibits attached hereto were either prepared by me or under my supervision or were compiled from company business records.

13. I understand this Self-Affirmed Statement will be used as written testimony in this case. I affirm my testimony in paragraphs 1 through 12 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.

OD

David DaGian

5/25/22

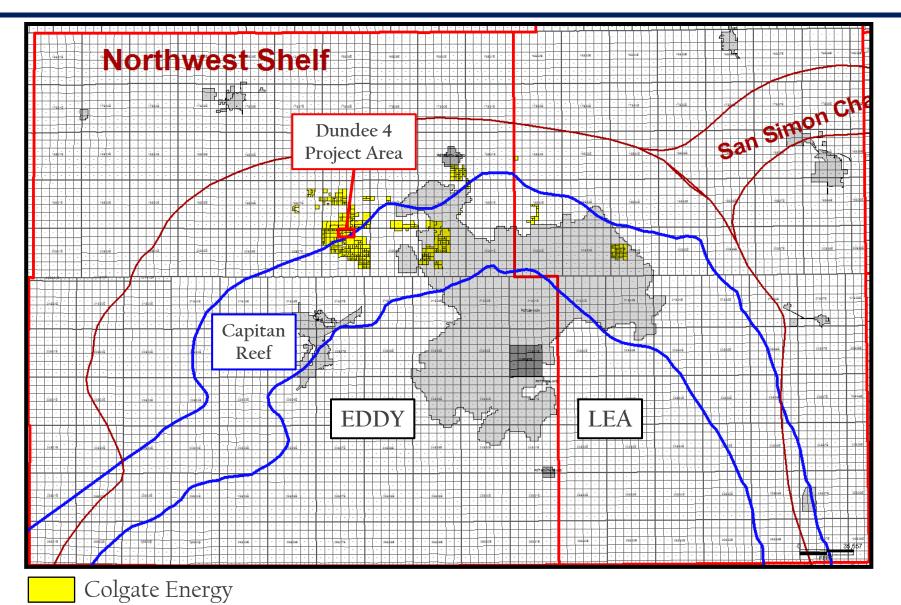
Date

Released to Imaging: 7/5/2022 2:27:49 PM

Regiona PEo Cator Map^{PM} Dundee 4 Fed Com







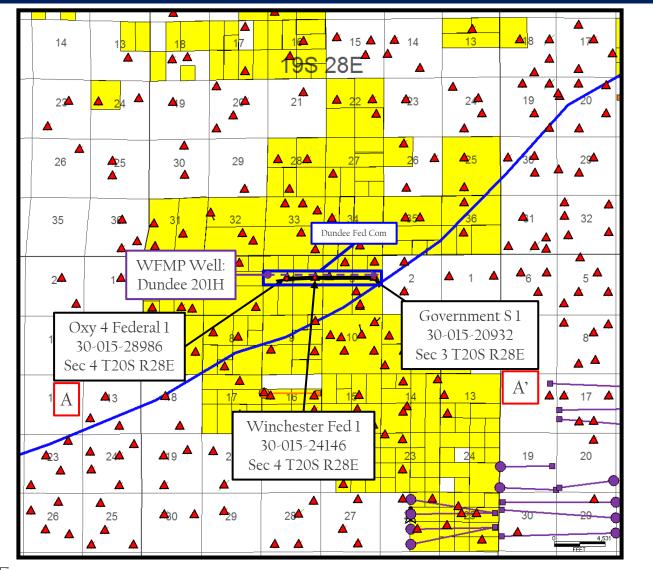
2

Croiss Section Dundee 4 Fed Com 201H

Colgate Operating, LLC Case No. 22826 Exhibit B-2











Producing Wells WFMP



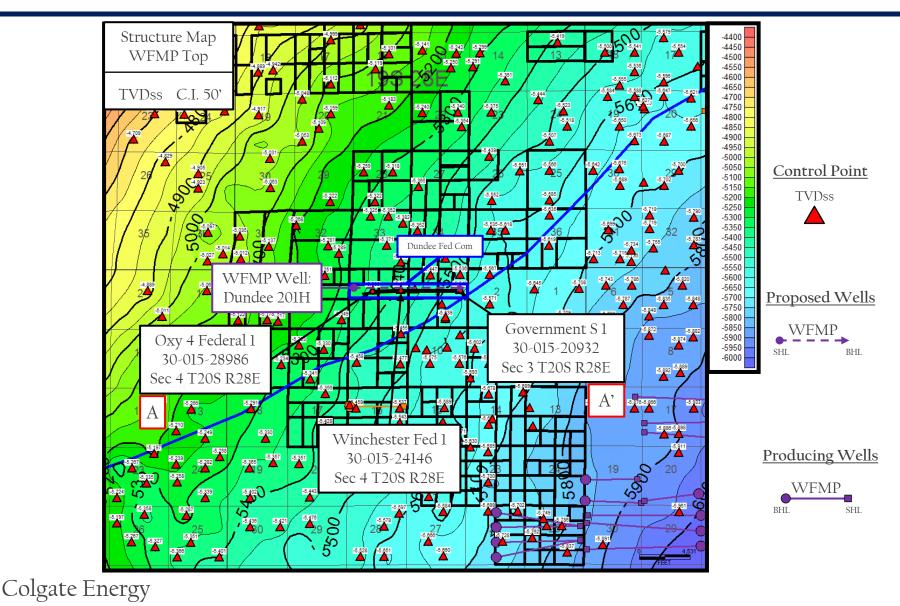
Colgate Energy

3.

Weilder Map 25/9th Hetilte Map Dundee 4 Fed Com 201H Colgate Operating, LLC Case No. 22826 Exhibit B-3



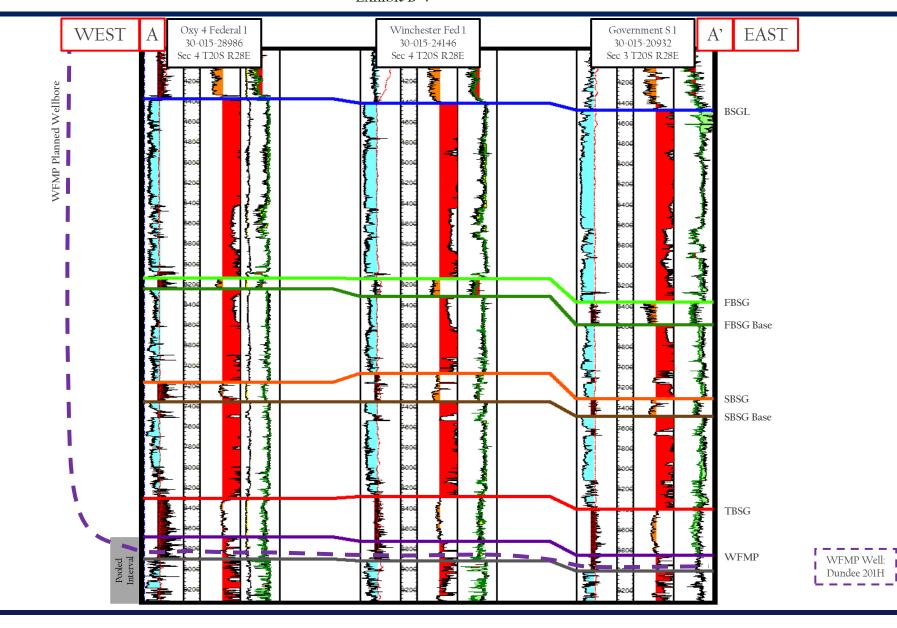


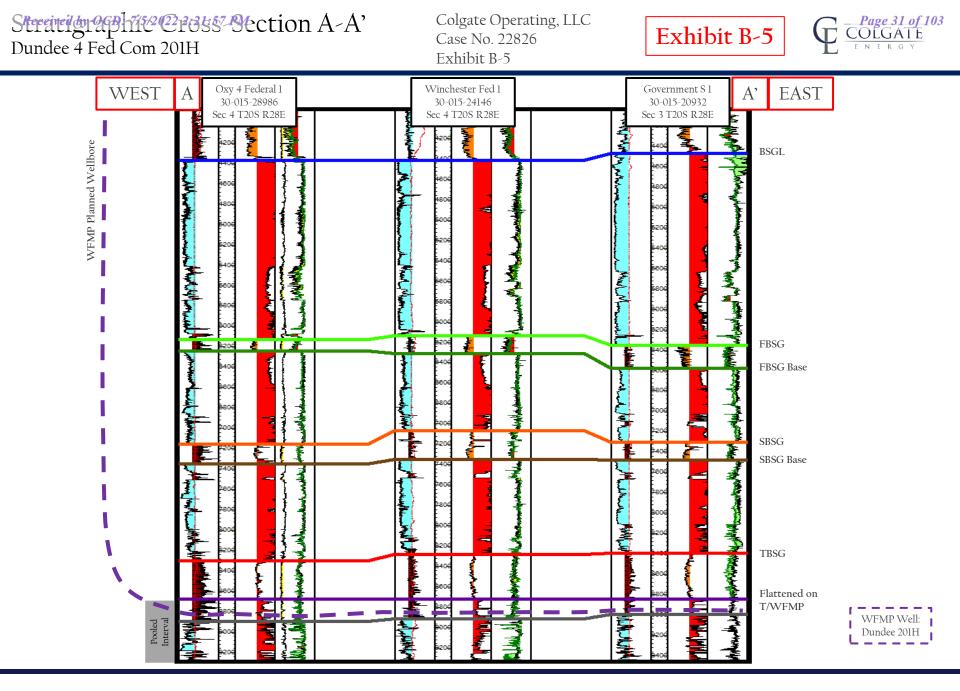


Structural: Cross: 2SECtion A-A' Dundee 4 Fed Com 201H Colgate Operating, LLC Case No. 22826 Exhibit B-4





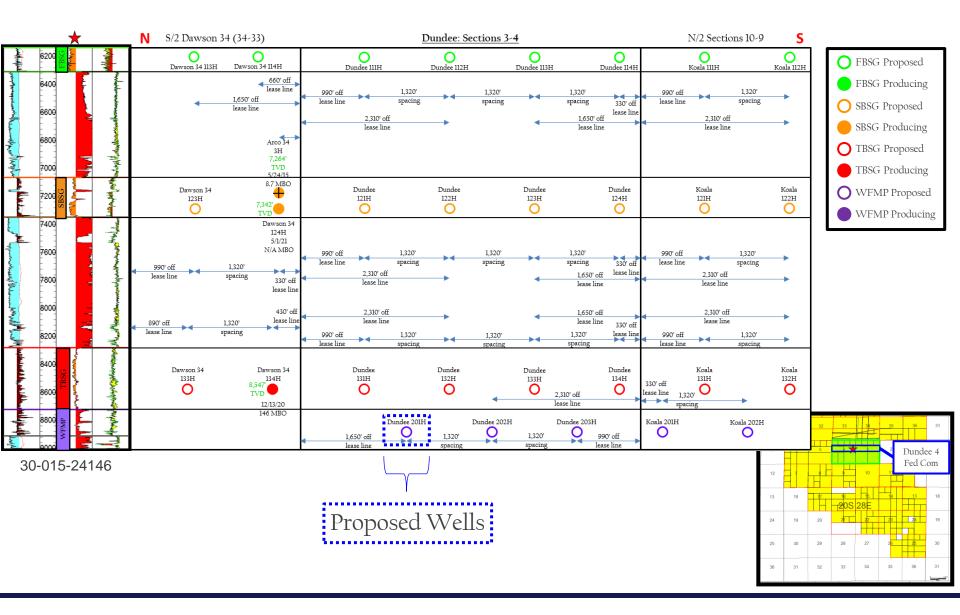




Colgate Operating, LLC Case No. 22826 Exhibit B-6







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

APPLICATIONS OF COLGATE OPERATING, LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

CASE NO. 22826

SELF-AFFIRMED STATEMENT OF DANA S. HARDY

1. I am attorney in fact and authorized representative of Colgate Operating LLC, the Applicant herein.

2. I am familiar with the Notice Letter attached as **Exhibit C-1** and caused the Notice Letter to be sent to the parties set out in the chart attached as **Exhibit C-2**.

3. The above-referenced Application was provided, along with the Notice Letters, to the recipients listed in Exhibit C-2.

4. Exhibit C-2 also provides the date each Notice Letter was sent and the date each return was received.

5. Copies of the certified mail green cards and white slips are attached as Exhibit C-3 as supporting documentation for proof of mailing and the information provided on Exhibit C-2.

6. On May 18, 2022, I caused a notice to be published to all interested parties in the Carlsbad Current Argus. An Affidavit of Publication from the Legal Clerk of the Carlsbad Current Argus, along with a copy of the notice publication, is attached as **Exhibit C-4**.

<u>/s/ Dana S. Hardy</u> Dana S. Hardy July 2, 2022_____ Date

> Colgate Operating, LLC Case No. 22826 Exhibit C



HINKLE SHANOR LLP

ATTORNEYS AT LAW PO BOX 2068 SANTA FE, NEW MEXICO 87504 505-982-4554 (FAX) 505-982-8623

WRITER:

Dana S. Hardy, Partner dhardy@hinklelawfirm.com

May 12, 2022

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

TO ALL PARTIES ENTITLED TO NOTICE

Re: Case No. 22826 – Applications of Colgate Operating, LLC for Compulsory Pooling, Eddy 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 **June 2, 2022** beginning at 8:15 a.m.

During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: <u>https://www.emnrd.nm.gov/ocd/hearing-info/</u>. 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 filed at the Division's Santa Fe office or submitted through the OCD E-Permitting system (https://wwwapps.emnrd.state.nm.us/ocd/ocdpermitting/) 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.

Please do not hesitate to contact Mark Hadjik at 432-257-3886 if you have any questions about this matter.

Sincerely,

/s/ Dana S. Hardy

Dana S. Hardy

Colgate Operating, LLC Case No. 22826 Exhibit C-1

Enclosure

PO BOX 10 ROSWELL, NEW MEXICO 88202 575-622-6510 (FAX) 575-623-9332

Released to Imaging: 7/5/2022 2:27:49 PM

PO BOX 2068 SANTA FE, NEW MEXICO 87504 505-982-4554 (FAX) 505-982-8623 7601 JEFFERSON ST NE • SUITE 180 ALBUQUERQUE, NEW MEXICO 87109 505-858-8320 (FAX) 505-858-8321



HINKLE SHANOR LLP

ATTORNEYS AT LAW PO BOX 2068 SANTA FE, NEW MEXICO 87504 505-982-4554 (FAX) 505-982-8623

May 12, 2022

WRITER:

Dana S. Hardy, Partner dhardy@hinklelawfirm.com

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

TO OVERRIDING ROYALTY INTEREST OWNERS SUBJECT TO NOTICE

Re: Case Nos. 22824, 22825, 22826, 22827, 22828, 22829, 22830, 22831, 22834 – Applications of Colgate Operating, LLC for Compulsory Pooling, Eddy 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 **June 2, 2022** beginning at 8:15 a.m.

During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: <u>https://www.emnrd.nm.gov/ocd/hearing-info/</u>. 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 filed at the Division's Santa Fe office or submitted through the OCD E-Permitting system (https://wwwapps.emnrd.state.nm.us/ocd/ocdpermitting/) 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.

Please do not hesitate to contact Mark Hadjik at 432-257-3886 if you have any questions about this matter.

Sincerely,

/s/ Dana S. Hardy

Dana S. Hardy

Enclosure

PO BOX 10 ROSWELL, NEW MEXICO 88202 575-622-6510 (FAX) 575-623-9332 Released to Imaging: 7/5/2022 2:27:49 PM

PO BOX 2068 SANTA FE, NEW MEXICO 87504 505-982-4554 (FAX) 505-982-8623 7601 JEFFERSON ST NE • SUITE 180 ALBUQUERQUE, NEW MEXICO 87109 505-858-8320 (FAX) 505-858-8321

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

APPLICATION OF COLGATE OPERATING LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

Case No. 22826

NOTICE LETTERS

PARTY	NOTICE LETTER SENT	RETURN RECEIVED
Edward O Bufkin JR 3724 Wooded Creek Dr Farmers Branch, TX 75244	05/13/22	06/15/22 Return to Sender –
		Vacant
COG Operating LLC 600 W Illinois Ave Midland, TX 79701	05/13/22	05/25/22
Chi Partners, LLC P.O. Box 1799 Midland, TX 79702	05/13/22	05/20/22
D.H. Essex, Agency Account P.O. Box 1799 Midland, TX 79710	05/13/22	05/20/22
Estate of Don Hoffman 6550 43rd St Unit 1000-216 Lubbock TX 79407	05/13/22	05/18/22
Kennedy Minerals 500 W. Texas Suite 655 Midland, TX 79701	05/13/22	05/20/22
Locker Brothers 1513 Flintridge Rd Austin, TX 78746	05/13/22	05/25/22
McCombs Energy, Ltd. 750 E Mulberry, Ste. 403 San Antonio, TX 78212	05/13/22	05/25/22
Michelle A. Rubin Trust 8718 Hamlin Skokie, Illinois 60076	05/13/22	05/25/22

Colgate Operating, LLC Case No. 22826 Exhibit C-2

APPLICATION OF COLGATE OPERATING LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

Case No. 22826

NOTICE LETTERS

PARTY	NOTICE LETTER SENT	RETURN RECEIVED
Michael J. Neitzel	05/13/22	05/25/22
5220 Spring Valley Ste 510,		
Dallas, TX 75254		
Jami Huber Owen	05/13/22	05/25/22
3323 Providence		
Midland, TX 79707		
Samuel Max Mordka Trust	05/13/22	06/01/22
2652 Asbury Avenue		No Signature
Evanston, Illinois 60201		

APPLICATIONS OF COLGATE OPERATING LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

Case Nos. 22824-22831, & 22834

PARTY	NOTICE LETTER SENT	RETURN RECEIVED
Adventure Exploration L.P.	05/13/22	Per USPS Tracking:
P.O. Box 11354		
Midland, TX 79702		In Transit to Next
		Facility as of 05/21/22.
Pete Balog, Trustee of the Balog	05/13/22	05/20/22
Family Trust dated August 15,		
2002		
25812 South Danford Dr		
Sun Lake, AZ 85248	05/10/22	05/05/00
John P. Conn and Eileen C. Knecht	05/13/22	05/25/22
19764 Lexington Dr		
Biloxi, MS 39532	05/13/22	05/25/22
Shelley Schutz Dominguez 725 Live Oak	05/15/22	05/25/22
El Paso, TX 79932		
Energy Properties Limited, L.P.	05/13/22	06/01/22
PO Box 51408	03/13/22	00/01/22
Casper, WY 82605		
FFF, Inc.	05/13/22	Per USPS Tracking:
2307 Stagecoach Dr		
Las Cruces, NM 88011		Delivered, left with an
		individual on 05/16/22.
Frannifin Minerals, LLC	05/13/22	05/20/22
PO Box 13128		
Las Cruces, NM 88013		
Natalie V. Hanagan	05/13/22	06/07/22
1922 18th Ave West		
Williston, ND 58801		
Robert W. Hanagan	05/13/22	06/01/22
PO Box 750		
Big Horn, WY 82833		05/10/20
Michael D. Hayes and Kathryn A.	05/13/22	05/18/22
Hayes, as Co-Trustees of the Hayes		
Revocable Trust		
3608 Meadowridge Lane Midland, TX 79707		
wilulaliu, 1A /9/0/		

APPLICATIONS OF COLGATE OPERATING LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

Case Nos. 22824-22831, & 22834

William N. Heiss and Susan E. Heiss, Co-Trustees of the William N. Heiss Profit Sharing Plan PO Box 2944 Casper, WY 82602	05/13/22	05/25/22
Hutchings Oil Company PO Box 1216 Albuquerque, NM 87103	05/13/22	05/25/22
JAB Investments, Inc. 612 W Plains Ave Clovis, NM 88101	05/13/22	Per USPS Tracking: Delivered, left with an individual on 05/20/22.
JB & PDIII Partners, LLC P.O. Box 1811 Midland, TX 79702	05/13/22	05/25/22
Long, LLC 215 South State St #100 Salt Lake City, UT 84111	05/13/22	05/31/22 Return to sender. Vacant.
Lowe Royalty Partners, LP 1717 W. 6th Street, Suite 470 Austin, Texas 78703	05/13/22	05/25/22
MKL Minerals LLC 1901 Ward Midland, TX 79705	05/13/22	05/18/22
MW Oil Investment Company Inc. 2307 Stagecoach Dr Las Cruces, NM 88011	05/13/22	05/25/22
MAP 98A-OK, an Oklahoma general partnership 101 North Robinson, Suite 1000 Oklahoma City, OK 73102-5514	05/13/22	05/20/22
MAP 98B-NET, a Texas general partnership 101 North Robinson, Suite 1000 Oklahoma City, OK 73102-5514	05/13/22	05/25/22
Merrick Properties, LLC P.O. Box 144 Midland, TX 79702	05/13/22	05/25/22

APPLICATIONS OF COLGATE OPERATING LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

Case Nos. 22824-22831, & 22834

Stephen T. Mitchell 6212 Homestead Blvd Midland, TX 79707	05/13/22	06/02/22
Monarch Oil and Gas Inc. PO Box 1473 Roswell, NM 88202	05/13/22	05/18/22
Robin L. Morgan 135 Cottonwood Rd Artesia, NM 88210	05/13/22	05/18/22
Motowi, LLC 2307 Stagecoach Dr Las Cruces, NM 88011	05/13/22	Per USPS Tracking: Delivered, left with an individual on 05/16/22.
Mark B. Murphy, Trustee of the Mark B. Murphy Irrevocable Trust under Trust Agreement dated December 11, 2012 PO Drawer 1030 Roswell, NM 88202	05/13/22	05/18/22
Susan S. Murphy, Trustee of the Susan S. Murphy Marital Trust under Trust Agreement dated November 15, 2012 706 Brazos St. Roswell, NM 88201	05/13/22	05/18/22
Nuevo Seis, Limited Partnership PO Box 2588 Roswell, NM 82202	05/13/22	05/20/22
OGI, Inc. PO Box 5686 Pagosa Springs, CO 81147	05/13/22	05/25/22
PDIII Exploration, LTD. P.O. Box 871 Midland, Texas 79702	05/13/22	05/25/22
Paul Davis, Ltd. P.O. Box 871 Midland, TX 79702	05/13/22	05/25/22

APPLICATIONS OF COLGATE OPERATING LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

Case Nos. 22824-22831, & 22834

Qualia Interests, LLC PO Box 991	05/13/22	05/25/22
Midland, TX 79702		
ROEC, Inc	05/13/22	06/01/22 Return rec'd
528 Corona St.		
Denver, CO 80209		06/28/22 Return to
		Sender Rec'd – not at
		this address
Realtimezone, Inc.	05/13/22	05/20/22
PO Box 1834		
Roswell, NM 88202		
S & E Royalty, LLC	05/13/22	06/01/22
8470 West 4th Ave		
Lakewood, CO 80226		
Michelle R. (Hannifin) Sandoval	05/13/22	Per USPS Tracking:
PO Box 131570		
Carlsbad, CA 92013		In Transit to Next
		Facility as of 05/20/22.
Scott Exploration, Inc.	05/13/22	05/20/22
PO Box 1834		
Roswell, NM 88202		
Harold Scott	05/13/22	05/20/22
12025 N 1878 Rd		
Sayre, OK 73662-7601		
Robin K. Shackelford	05/13/22	Per USPS Tracking:
108 Paradise Canyon		
Ruidoso, NM 88345		Delivered, left with an
		individual on 05/16/22.
Sam L. Shackelford	05/13/22	05/25/22
1096 Mechem Dr.		
Ruidoso, NM 88211		
Elizabeth Sherman Shelton, as	05/13/22	06/16/22
Trustee of the Prescott A. Sherman		Return to sender.
Grandchildren's Trust for the		Unclaimed.
benefit of Amy Shelton Murrell		
315 N Orchard Ln		
Covington, LA 70433		
-		

APPLICATIONS OF COLGATE OPERATING LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

Case Nos. 22824-22831, & 22834

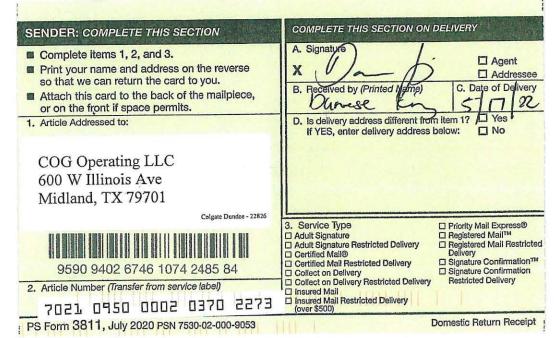
Elizabeth Sherman Shelton, as Trustee of the Prescott A. Sherman	05/13/22	06/16/22
Grandchildren's Trust for the		Return to sender.
benefit of Cristina Elizabeth		Unclaimed.
Shelton		onclaimed.
315 N Orchard Ln		
Covington, LA 70433		
Stelaron, Inc.	05/13/22	06/01/22
P.O. Box 7787		
Amarillo, Texas 79114		
Stephens Enterprises	05/13/22	05/20/22
1001 Saunders Dr, Roswell		
NM, 88201-1042		
Doris R. Stinson	05/13/22	06/21/22
30 SKP Ranch RD 33		Return to sender.
Lakewood, NM, 88254		
Tar Creek, LLC	05/13/22	05/25/22
2217 Cardinal Road		
Ardmore, OK 73401		
John Kyle Thoma, Trustee of the	05/13/22	06/02/22
Cornerstone Family Trust		
PO Box 558		
Peyton, Colorado 80831		
Sandra Thoma	05/13/22	06/15/22
789 West Hells Gate		Return to sender.
Strawn, TX 76475		
Trinity Royalty Holdings I LP	05/13/22	Per USPS Tracking:
1330 Post Oak Blvd Ste 1888		
Houston, TX 77056		Delivered, left with an
		individual on 05/17/22.
Valorie F. Walker, Trustee of the	05/13/22	06/10/22
Jack V. Walker Revocable Trust		Return to sender.
under Trust Agreement dated May		
21, 1981		
4151 Woronzof Dr.		
Anchorage, AK 99517		

APPLICATIONS OF COLGATE OPERATING LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

Case Nos. 22824-22831, & 22834

Wambaugh Exploration LLC 4747 RESEARCH FOREST DR	05/13/22	Per USPS Tracking:
STE 410 THE WOODLANDS, TX 77381-		Delivered, left with an individual on 05/17/22.
4903		





Colgate Operating, LLC Case No. 22826 Exhibit C-3







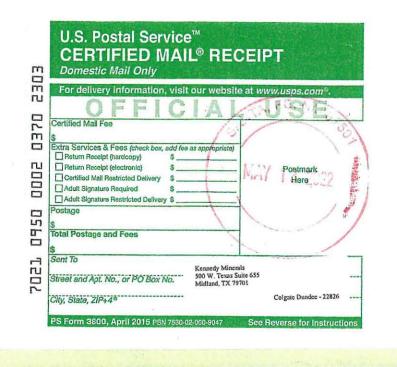


2

:

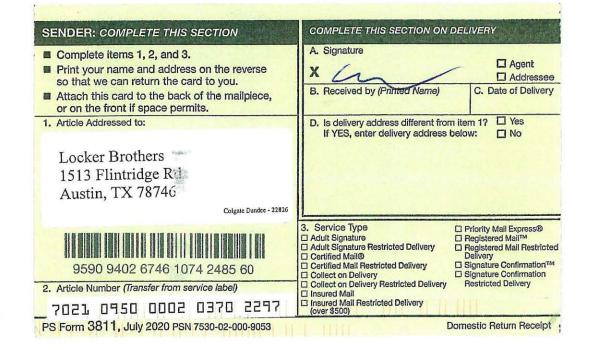
	CERTIFIED MAIL [®] RECEIPT
5	
-0-7	For delivery information, visit our website at www.usps.com [®] .
	OFFICIAL ISS
цП	Certified Mall Fee
n	Cerdined Wan Peo
'n	Certified Mail Fee \$ Extra Services & Fees (check box, add fee as appropriate) Beium Receipt (bardcopy)
	Return Receipt (hardcopy)
7	Return Receipt (electronic) \$ Postmark
=	Certified Mail Restricted Delivery \$ Here
TUUL	Adult Signature Required \$
	Adult Signature Restricted Delivery \$
7	Postage
n	S Total Postage and Fees
-	S Sent To
オンコン	Estate of Don Hoffman 6550 43rd St Unit 1000-216
Ξ	Street and Apt. No., or PO Box No. Lubbock TX 79407
2	Colgate Dundee - 22826

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON L	DELIVERY
 Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: Estate of Don Hettinan 6550 43rd St Unit 1000-216 Lubbock TX 79407 	A. Signature X B. Received by (Printed Name) D. Is delivery address different from If YES, enter delivery address b	
Colgate Dundee - 22826		



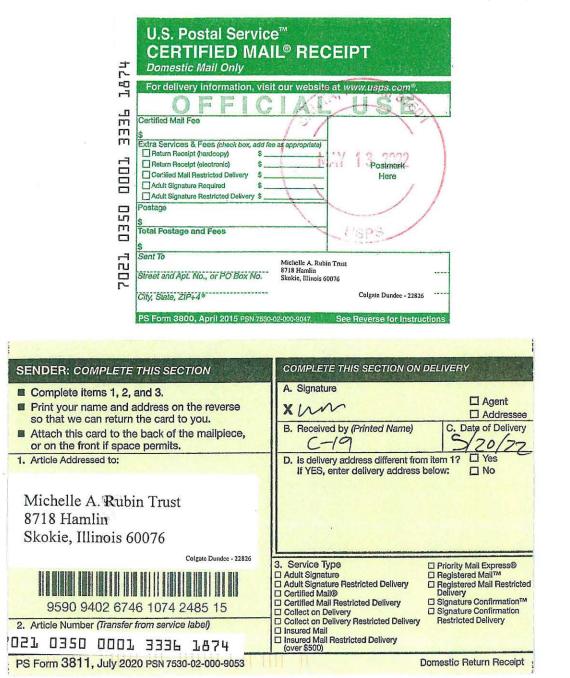
SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
 Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. 	A. Signature
Attach this card to the back of the mailpiece, or on the front if space permits.	LISA EPPERSON 5/16/2022
1. Article Addressed to:	D. Is delivery address different from item 1? Ses If YES, enter delivery address below:
Kennedy Minerals 500 W. Texas Suite 655 Midland, TX 79701	
Colgate Dundee - 22826	
9590 9402 6746 1074 2485 53	3. Service Type □ Priority Mail Express® □ Adult Signature □ Registered Mail™ □ Adult Signature Restricted Delivery □ Registered Mail Restricted Delivery □ Certified Mail® □ Delivery □ Collect on Delivery □ Signature Confirmation
2. Article Number (Transfer from service label) 7021 0950 0002 0370 2303	Collect on Delivery Restricted Delivery Course Mail Neured Mail Neured Mail Restricted Delivery (over \$500)
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt

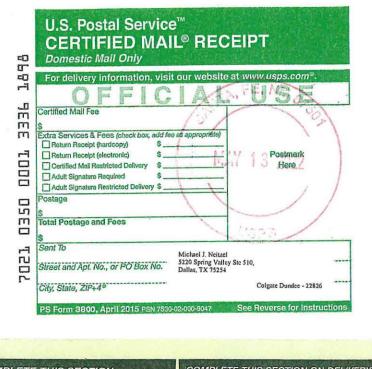






SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
 Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature □ Agent X Sanak O'Shaughnessu □ Addresse B. Received by (Printed Name) C. Date of Deliver Sarah O'Shaughnessy \$/1 \vee/22
 Article Addressed to: McCombs Energy, Ltd. 750 E Mulberry, Ste. 403 San Antonic, TX 78212 	D. Is delivery address different from item 1? If YES, enter delivery address below: No
Colgate Dundee - 22826	3. Service Type □ Priority Mail Express® □ Adult Signature □ Registered Mail™
9590 9402 6746 1074 2485 91	Adult Signature Restricted Delivery Certified Mail® Certified Mail Restricted Delivery Certified Mail Restricted Delivery Certified Content of the second se
2. Article Number (Transfer from service label) 7021 0950 0002 0370 2501	Collect on Delivery Restricted Delivery Restricted Delivery Insured Mail Insured Mail Restricted Delivery (over \$500)
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return R



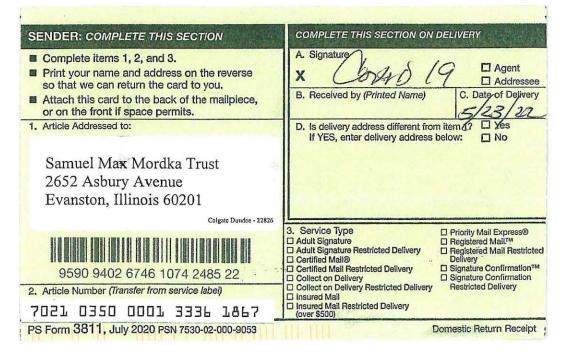


SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
 Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature X Agent B. Received by (Printed Name) C. Date of Delivery
1. Article Addressed to:	D. Is delivery address different from item 1? Yes If YES, enter delivery address below: No
Michael J. Neitzel 5220 Spring Valley Ste 510, Dallas, TX 75254	
Colgate Dundee - 22826	
9590 9402 6746 1074 2484 92	3. Service Type □ Priority Mail Express® □ Adult Signature □ Registered Mail™ □ Adult Signature Restricted Delivery □ Registered Mail Restricted Delivery □ Certified Mail Restricted Delivery □ Signature Confirmation™ □ Collect on Delivery □ Signature Confirmation
2. Article Number (Transfer from service label) 7021 0350 0001 3336 1898	Collect on Delivery Restricted Delivery Insured Mail Insured Mail Restricted Delivery (over \$500)
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt









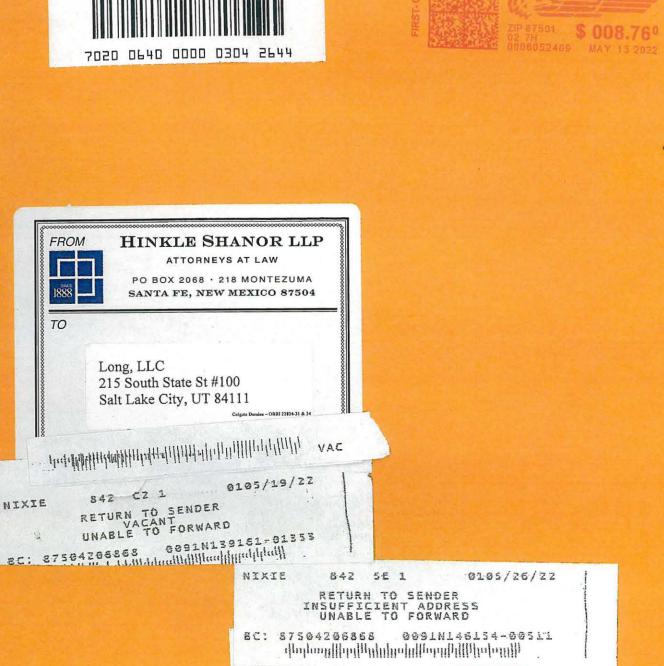


Released to Imaging: 7/5/2022 2:27:49 PM



Lacure





Page 56 of 103

US POSTAGE MPITNEY BOWES

Released to Imaging: 7/5/2022 2:27:49 PM

VED

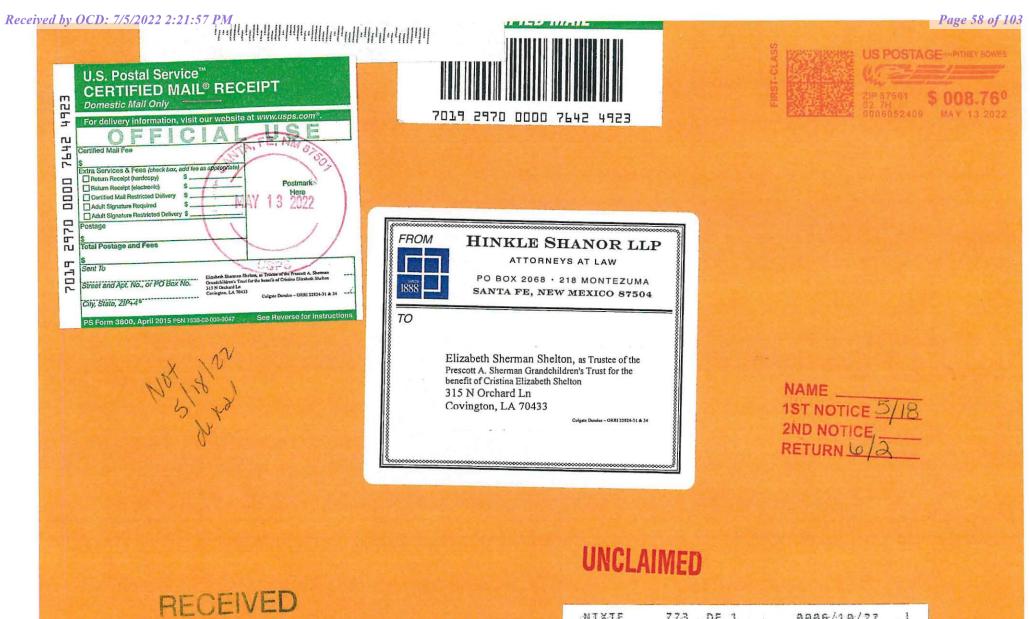
1 2022

These Strangt LLP

Gto 1 310 87504



Released to Imaging: 7/5/2022 2:27:49 PM



JUN 16 2022

Hinkle Shanor LLP Santa Fe NM 87504



÷.

Colgais Dundee - ORRI 22824-31 & 34

See Reverse for Instruct

1888

TO

U.S. Postal Service[™]

Domestic Mail Only

Certified Mail Fee

Return Receipt (hardcopy)

Return Receipt (electronic)

Total Postage and Fees

City, State, ZIP+4*

Certified Mail Restricted Delivery Adult Signature Required Adult Signature Restricted Delivery \$_

treet and Apt. No., or PO Box No.

NB, 18/2, 13,

PS Form 3800, April 2015 PSN 7530-02-000-9047

RECEIVED

JUN 16 2022

Hinkle Shanor LLP Santa Fe NM 87504

DEF

I

2492

0000

2970

PLOY

ostage

Sent To



ATTORNEYS AT LAW PO BOX 2068 · 218 MONTEZUMA

SANTA FE, NEW MEXICO 87504

Elizabeth Sherman Shelton, as Trustee of the Prescott A. Sherman Grandchildren's Trust for the benefit of Amy Shelton Murrell 315 N Orchard Ln Covington, LA 70433 Colgale Dundee - ORRI 22824-31 & 34

HIXIE

NAME 1ST NOTICE 5/18 2ND NOTICE RETURN 6

Page 59 of 103

\$ 008.76°

UNCLAIMED

RETURN TO SENDER UNCLAIMED UNABLE TO FORWARD

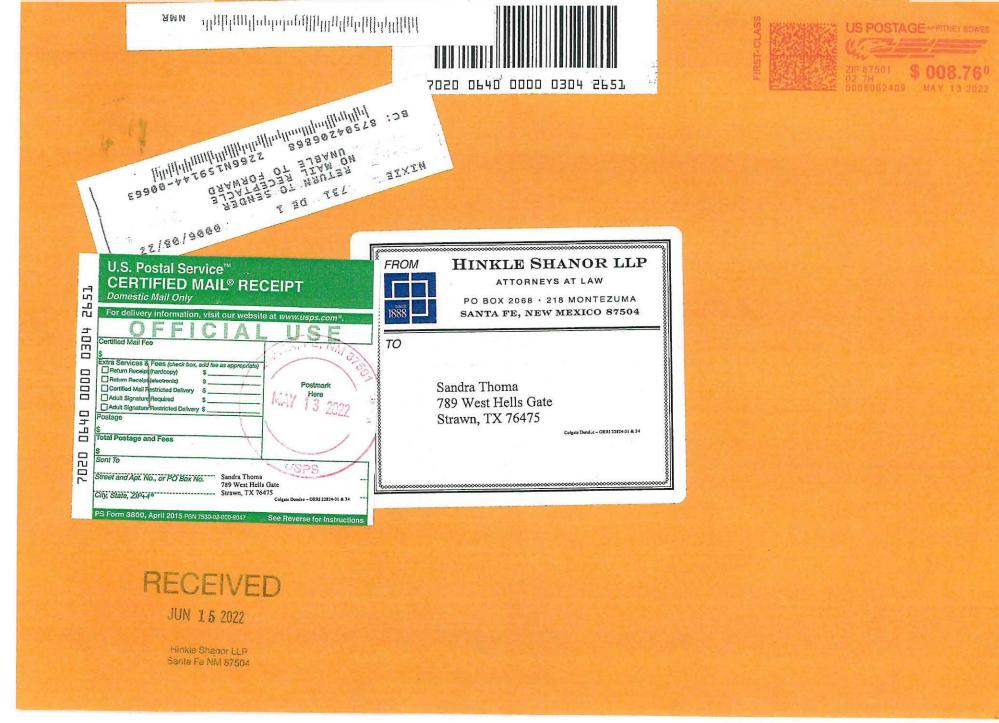
DE 1

BC: 87504206868 2091N161175-00105 սիսվերում[[իլըվ]][լըվ]][իսվ]][ինվվերինը





Hinkle Shanor LLP Santa Fe NM 87504



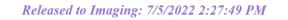
÷



















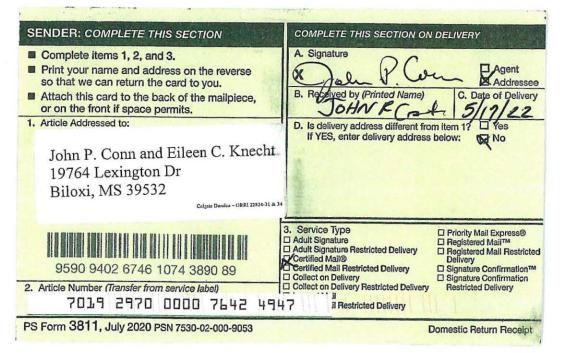


Released to Imaging: 7/5/2022 2:27:49 PM



SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON D	E THIS SECTION ON DELIVERY	
 Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: Pete Balog, Trustee of the Balog Family Trust dated August 15, 2002 25812 South Danford Dr Sun Lake, AZ 85248 	A. Signature X. B. Received by (Printed Name) PISU D. Is delivery address different from If YES, enter delivery address be		
Colgate Dundes - ORRI 22824-31 & 34			
9590 9402 6746 1074 3892 56	Adult Signature Adult Signature Restricted Delivery Certified Mail® Certified Mail® Certified Mail Restricted Delivery Collect on Delivery	 Priority Mail Express® Registered Mail™ Registered Mail Restricted Delivery Signature Confirmation™ Signature Confirmation 	
2. Article Number (Transfer from service label) 7019 2970 0000 7595 5221	Collect on Delivery Restricted Delivery Iail Iail Restricted Delivery	Restricted Delivery	
PS Form 3811, July 2020 PSN 7530-02-000-9053	Do	mestic Return Receipt	





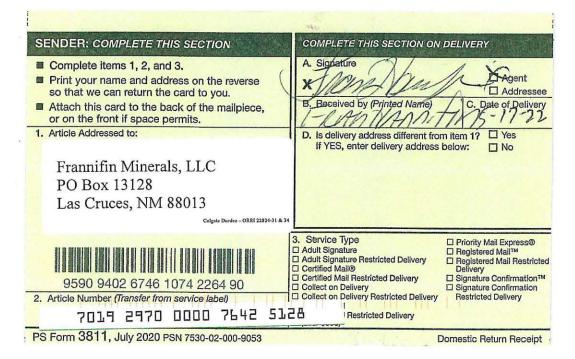












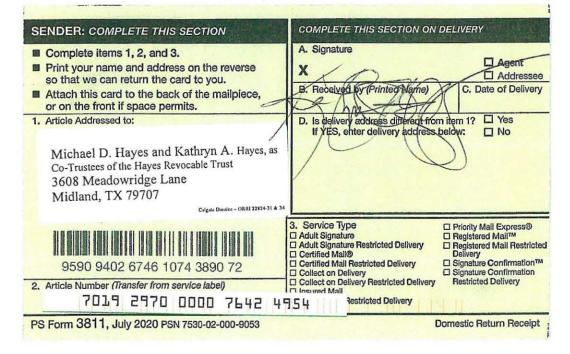
101	Domestic Mail Only For delivery information, visit our website at www.usps.com®.
7575 56	OFFICIAL UESS.
nnnn	Extra Services & Fees (check box, add fee as appropriate) Return Receipt (hardcopy) Return Receipt (electronic) Adult Signature Required Adult Signature Required Adult Signature Required Adult Signature Required Service Add Advector Service Add Advector Add Signature Required Service Add Advector Service Advector
171	Postage \$ Total Postage and Fees \$
レイコン	Sent To Sent To Natalie V. Hanagan 1922. 18th Ave West Williston, ND 58801 Colgae Dandee - ORRI 22824-31 & 34



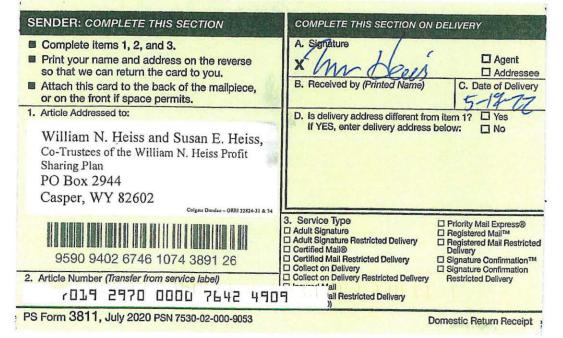




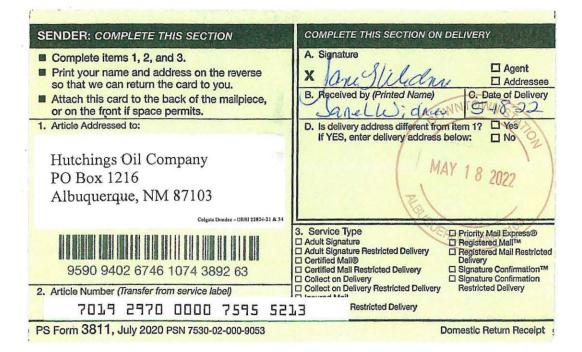




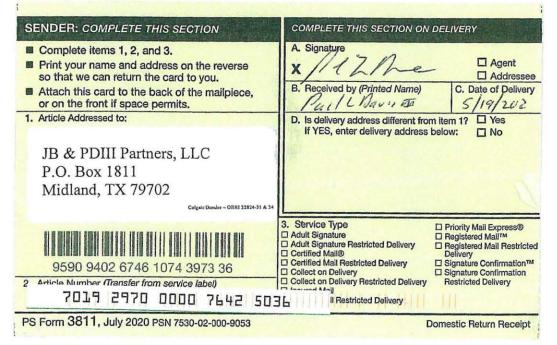












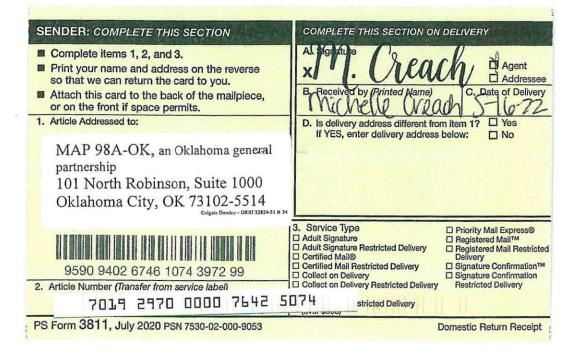




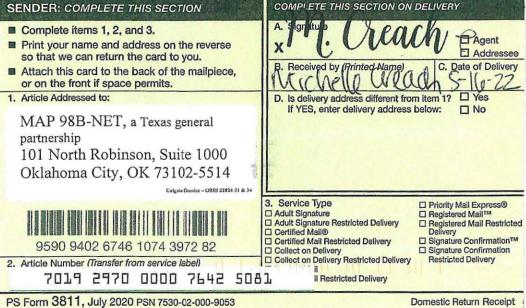








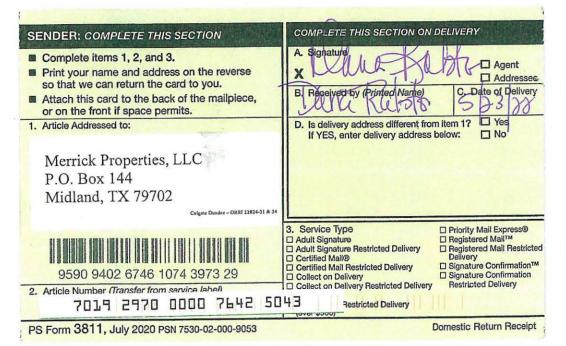




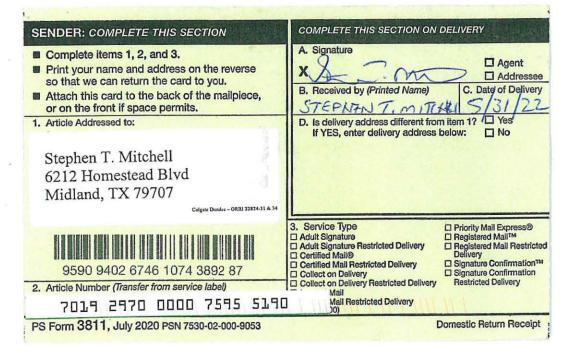




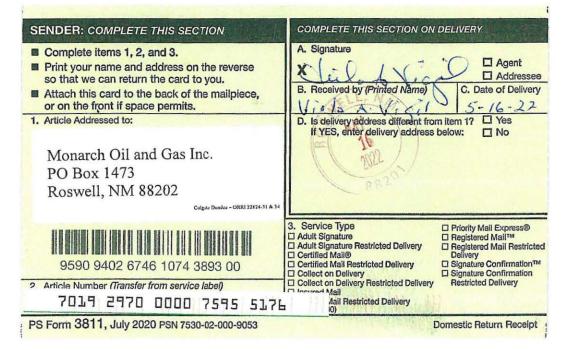


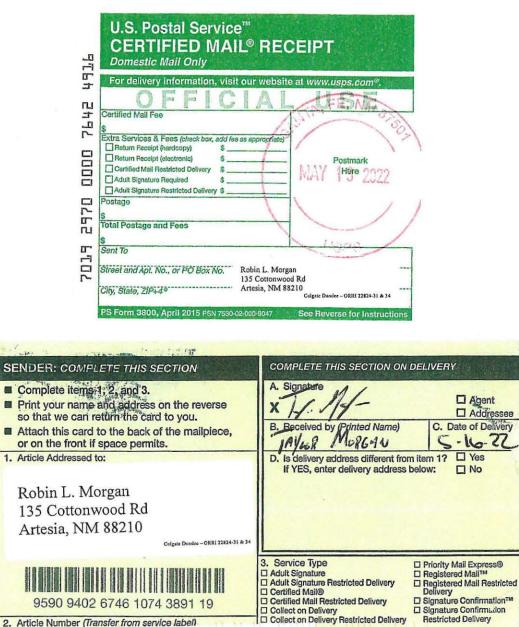










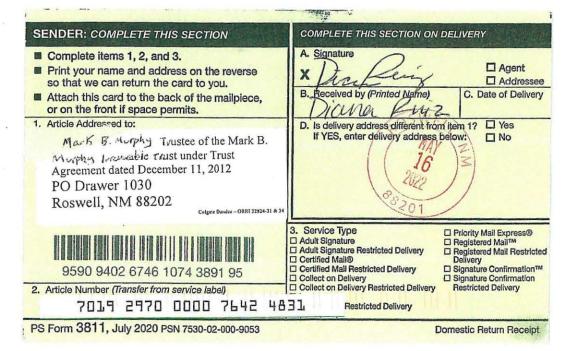


4916

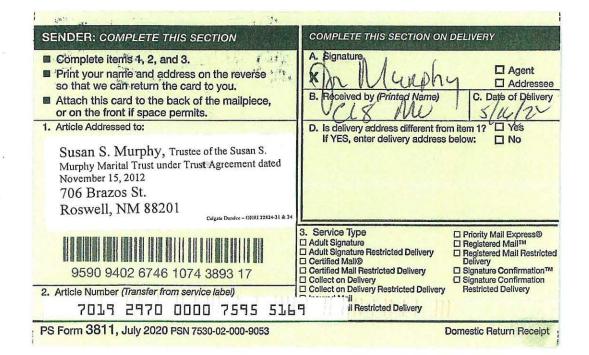
Restricted Delivery

7019 2970 0000 7642 PS Form 3811, July 2020 PSN 7530-02-000-9053





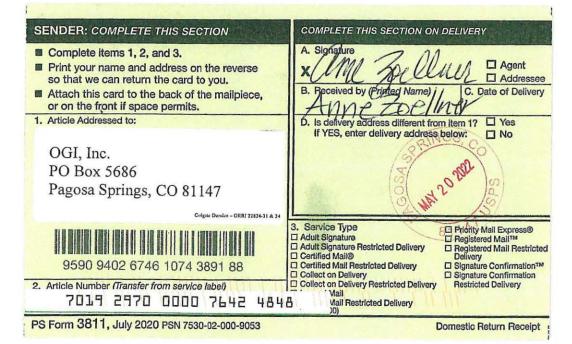
E.	U.S. Postal Service [™] CERTIFIED MAIL [®] RECEIPT Domestic Mail Only
516	For delivery information, visit our website at www.usps.com [®] .
	OFFICIAL USE
552	Certified Mail Fee
in	\$ 50
r-	Certified Mail Fee
	Data a succession of the second
	El Contra de Marillo a Maria de Maria
0000	
	Adult Signature Restricted Delivery \$
2970	Postage
T	S Total Postage and Fees
Ē	Intel Postage and roca
	S Sent To
	The second se
PLDY	Street and Apt. No., or PO Box No. Marital Trust under Trust Agreement dated November 15, 2012
~	City, State, ZIP+49 706 Brazos St. Rossvell, NM 88201 Colgste Dundee - ORRI 22824-31 & 34
	Can Develop the Manual Can Develop the Instructions







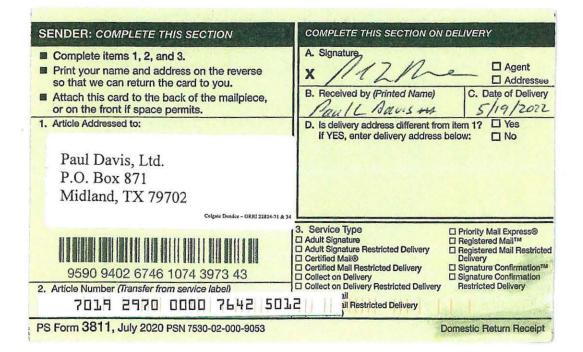


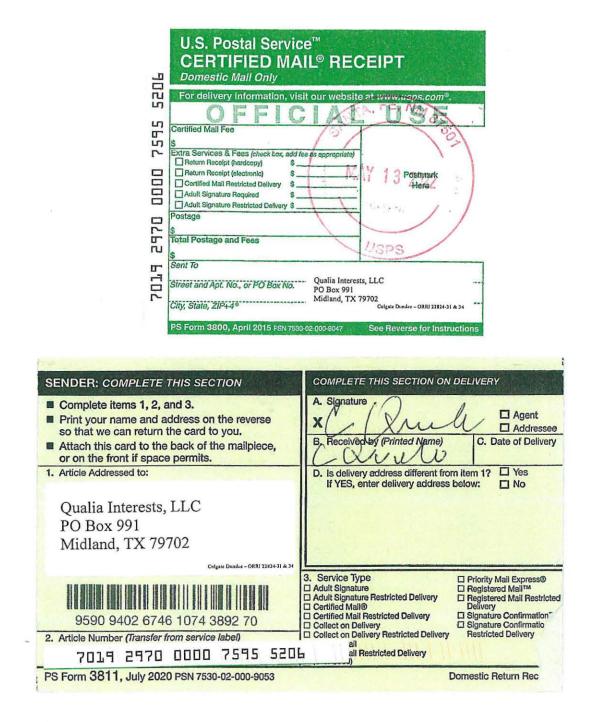




SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON	DELIVERY
 Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: PDIII Exploration, LTD. P.O. Box 871 Midland, Texas 79702 	A. Signature X 12M B. Received by (Printed Name) Paul L Gavis for Paul L Gavis for D. Is delivery address different from If YES, enter delivery address	
9590 9402 6746 1074 3973 50	S. Service Type Adult Signature Adult Signature Restricted Delivery Certified Mail® Certified Mail Restricted Delivery Collect on Delivery	Priority Mail Express® Registered Mail™ Registered Mail Restricter Delivery Signature Confirmation™ Signature Confirmation



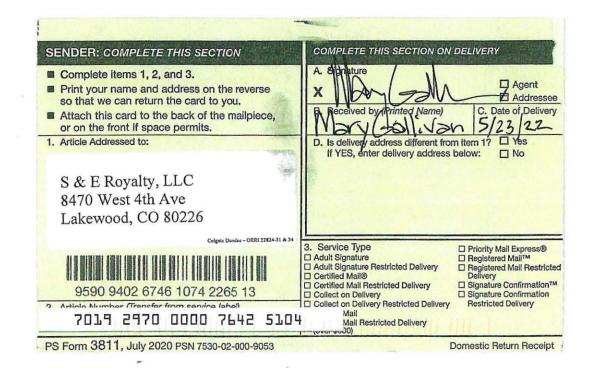
















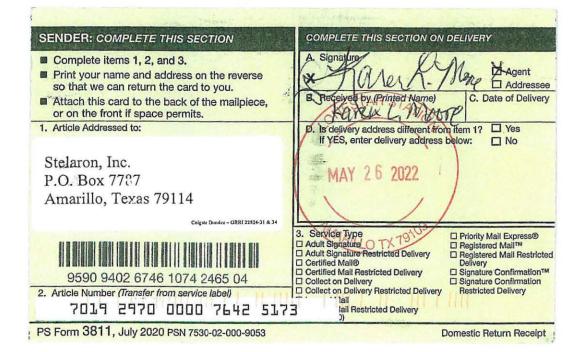




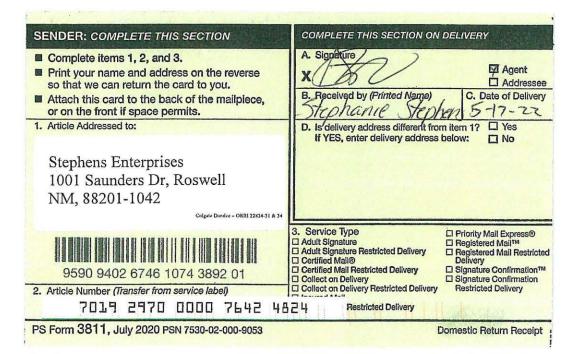




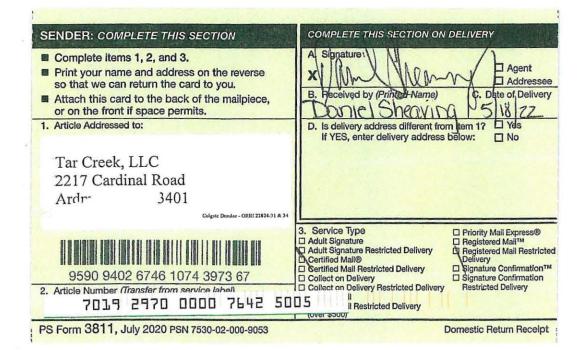








5005	U.S. Postal Service [™] CERTIFIED MAIL [®] RECEIPT Domestic Mail Only
5	For delivery information, visit our website at www.usps.com®.
2442	OFFICIAL USA
r-	s State Stat
0000	Extra Services & Fees (check box, add fee as appropriate) Return Receipt (hardcopy) Certified Mail Restricted Delivery Adult Signature Required Adult Signature Required
2970	Postage S
гu	Total Postage and Fees
P107	\$ Sent To
20	Street and Apt. No., or PO Box No. 2217 Cardinal Road Ardmore, OK 73401
	Cily, State, ZIP+4® Colgate Dundee - ORRI 22824-31 & 34
	PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions







Carlsbad Current Argus.

Affidavit of Publication Ad # 0005261859 This is not an invoice

HINKLE SHANOR LLP POBOX 10

ROSWELL, NM 88202-0010

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

05/18/2022

Legal Clerk

Subscribed and sworn before me this May 18, 2022:

State of WI, County of Brown NOTARY PUBLIC

My commission expires

KATHLEEN ALLEN Notary Public State of Wisconsin

Ad # 0005261859 PO #: 5261859 # of Affidavits1

This is not an invoice

Colgate Operating, LLC Case No. 22826 Exhibit C-4 This is to notify all interested parties, including Chi Partners, LLC; McCombs Energy, Ltd.; COG Operating LLC; D.H. Essex, Agen-cy Accountant; Locker Brothers; Kennedy Mineral; Jami Huber Owen; Estate of Don Hoffman; Samuel Max Mordka Trust; Mi-chelle A. Rubin Trust; Edward O Burkin Jr; Michael J. Neitzel; Realtimezone, Inc; Long, LLC; Sandra Thoma; John Kyle Thoma, Trustee of the Susan S. Murphy Marital Trust under Trust Agreement dated Novem-ber 15, 2021; Monarch Oil and Gas Inc; Scott Exploration, Inc; Stephen T. Mitchell; Qualla In-terests, LLC; Hutchings Oil Com-pany; Pete Balog, Trustee of the Balog Family Trust dated August 15, 2002; Valorie F. Walker, Trustee of the Jack V. Walker Revocable Trust under Trust Agreement date May 21, 1981; Robert W. Hanagan; Natalie V. Hanagan; Harold Scott; Stephens Enterprises; Mark B. Murphy, Irrustee of the Mark B. Murphy, Irrustee of the Mark B. Murphy, Irrustee of the William N. Heiss Agreement dated December 11, 2012; OGI, Inc; ROEC, Inc; Doris R. Stinson; Energy Properties Emited L.P.; Sam L. Shackelford; Robin K. Shackelford; William N. Heiss and Susan E. Heiss, Co-Trustees of the William N. Heiss Profit Sharing Plan; Robin L. Morgan; Elizabeth S. Shelton, Trustee of the Elizabeth S. Shelton, Trustee of the Elizabeth S. Shelton, Trustee, as Co-Trustees of the Hayes Revocable Trust; Trinity Royalty Holdings I LP; Shelley Shutz Dominguez; Nuevo Seis, Limited Partnership; Adventure Exploration L.P.; Tar Creek, LLC; MKL Minerals LLC; Lowe Royalty Partners, LP; MAP 988-NCT, M-Ayayas, Horoldings I LP; Shelley Shutz Dominguez; Nuevo Seis, Limited Partnership; Adventure Exploration L.P.; Tar Creek, LLC; MKL Minerals LLC; Lowe Royalty Partners, LP; MAP 988-NCT, an Oklahoma general partnership; MAP 988-NET, a Texas general partnership; Wambaugh Explo-ration, LLC; S & E Royalty, LLC; Motowi, LLC; Frannifin Mineral, LC; Alan R. Hannifin, San-doval; MWO Oil Investment Com-pany Inc; FFF, Inc; JAB Invest-ments, Inc; Stelaron, Inc; and VOCD/nearings.html. Applicant ap

ator of the Wells, and a 200% charge for the risk involved in drilling and completing the Wells. The Wells are located approximately 12 miles northeast of Carlsbad, New Mexico. #5261859, Current Argus, May 18, 2022