# 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. 22831** 

### **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	First Bone Spring – Structure Map
B-4	Second Bone Spring – Structure Map
B-5	Third Bone Spring – Structure Map
B-6	Structural Cross-Section
B-7	Stratigraphic Cross-Section
B-8	Gun Barrell 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.:	22831
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	Builder Fred Com
Formation Name(s) or Vertical Extent	Bone Spring
Primary Product (Oil or Gas)	Oil
Pooling this vertical extent	Bone Spring
Pool Name and Pool Code	Winchester, Bone Spring Pool (Code 65010)
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	Lots 1, 2, 3, and 4 (N/2 N/2 equivalent) 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 111H (API # pending)
	SHL: 989' FNL & 140' FEL, Lot 1, Section 5, T20S-R28E
	BHL: 978' FNL & 10' FEL, Lot 1, Section 3, T20S-R28E
	Completion Target: First Bone Spring (Approx. 6,160' TVD)
	Well Orientation: West to East
Well #2	Dundee 4 Fed Com 121H (API # pending)
	SHL: 988' FNL & 290' FEL, Lot 1, Section 5, T20S-R28E
	BHL: 978' FNL & 10' FEL, Lot 1, Section 3, T20S-R28E
	Completion Target: Second Bone Spring (Approx. 7,255' TVD)
	Well Orientation: West to East
Well #3	Dundee 4 Fed Com 131H (API # pending)
	SHL: 988' FNL & 230' FEL, Lot 1, Section 5, T20S-R28E
	BHL: 978' FNL & 10' FEL, Lot 1, Section 3, T20S-R28E
	Completion Target: Third Bone Spring (Approx. 8,480' TVD)
	Well Orientation: West to East
Horizontal Well First and Last Take Points Released to Imaging: 7/5/2022 2:36:23 PM Completion Target (Formation, TVD and MD)	Exhibit A-2
TOTAL TOTAL CONTROL OF THE STATE OF THE STAT	Exhibit A-4

Received by OCD: 7/5/2022 2:35:17 PM	Page 4 of 113
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
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit C-4
Ownership Determination	EXHIBIT C-4
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 &	EXHIBIT A
below)	N/A
Joinder	IN/A
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 Brill and Complete  Cost Estimate to Equip Well	Exhibit A-4
Cost Estimate to Equip Well  Cost Estimate for Production Facilities	Exhibit A-4
Geology	EXHIBIT A-4
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibit B-8
Gross Isopach	N/A
Well Orientation (with rationale)	Exhibit B
Target Formation	Exhibit B
HSU Cross Section	Exhibits B-5, B-6
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-8
Structure Contour Map - Subsea Depth	Exhibits B-3, B-4, B-5
Cross Section Location Map (including wells)	Exhibit B-2
Cross Section (including Landing Zone)	Exhibits B-6, B-7
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
	[,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

# 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. 22831** 

#### 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 Winchester, Bone Spring Pool (Code 65010) within the Bone Spring underlying a 316-acre, more or less, standard horizontal spacing unit comprised of Lots 1, 2, 3, and 4 (N/2 N/2 equivalent) of Sections 3 and 4, Township 20 South, Range 28 East, Eddy County, New Mexico ("Unit").
  - 5. The Unit will be dedicated to the following wells ("Wells")
    - a. **Dundee 4 Fed Com 111H** well to be horizontally drilled from a surface hole location in Lot 1 of Section 5 to a bottom hole location in Lot 1 of Section 3;
    - b. **Dundee 4 Fed Com 121H** well to be horizontally drilled from a surface hole location in Lot 1 of Section 5 to a bottom hole location in Lot 1 of Section 3; and

- c. **Dundee 4 Fed Com 131H** to be horizontally drilled from a surface hole location in Lot 1 of Section 5 to a bottom hole location in Lot 1 of Section 3.
- 6. The completed interval of the Well will be orthodox.
- 7. **Exhibit A-2** contains the C-102s for the Wells.
- 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 interests.
- 9. **Exhibit A-4** contains a sample well proposal letter and AFEs sent to working interest owners for the Wells. 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 Wells 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 Wells are being drilled and \$800 per month while the Wells are 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.

Malfajdik	
,	6/30/2022
Mark Hajdik	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.

#### **APPLICATION**

Pursuant to NMSA § 70-2-17, Colgate Operating, LLC (OGRID No. 371449) ("Applicant") applies for an order pooling all uncommitted interests in the Bone Spring formation underlying a 316-acre, more or less, standard horizontal spacing unit comprised of Lots 1, 2, 3, and 4 (N/2N/2 equivalent) 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 following wells ("Wells"):
  - a. **Dundee 4 Fed Com 111H** well, which will be horizontally drilled from a surface hole location in Lot 1 of Section 5 to a bottom hole location in Lot 1 of Section 3;
  - b. **Dundee 4 Fed Com 121H** well, which will be horizontally drilled from a surface hole location in Lot 1 of Section 5 to a bottom hole location in Lot 1 of Section 3; and
  - c. **Dundee 4 Fed Com 131H** well, which will be horizontally drilled from a surface hole location in Lot 1 of Section 5 to a bottom hole location in Lot 1 of Section 3;
- 3. The completed intervals of the Wells 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 Wells but has been unable to obtain voluntary agreements from all interest owners.

Colgate Operating, LLC Case No. 22831 Exhibit A-1 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 Wells and Unit.

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;

В. Approving the Wells in the Unit;

C. Designating Applicant as operator of the Unit and the 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 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 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

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 Bone Spring formation underlying a 316-acre, more or less, standard horizontal spacing unit comprised of Lots 1, 2, 3, and 4 (N/2N/2 equivalent) of Sections 3 and 4, Township 20 South, Range 28 East, Eddy County, New Mexico ("Unit"). The Unit will be dedicated to the following wells ("Wells"): **Dundee 4 Fed Com 111H** well, **Dundee 4 Fed Com 121H** well, and **Dundee 4 Fed Com 131H** well, which will be horizontally drilled from a surface hole location in Lot 1 of Section 5 to a bottom hole location in Lot 1 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.

<u>District I</u>
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II

811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

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

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

☐ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

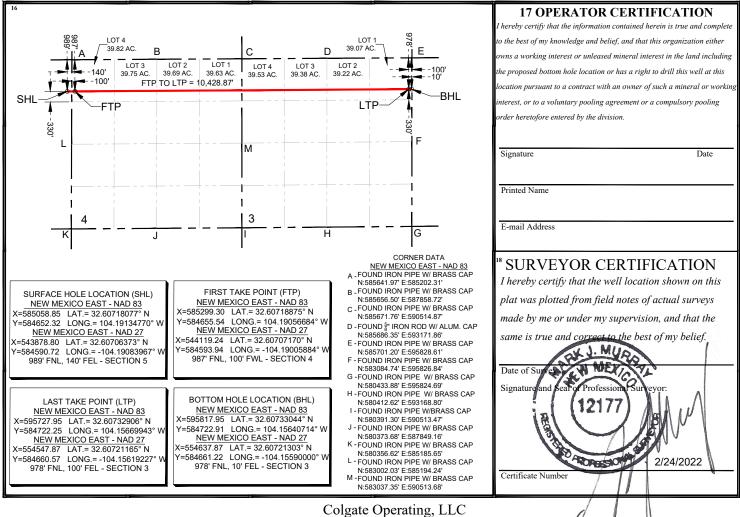
1 API Number		2 Pool Code 65010		
4 Property Code			roperty Name EE 4 FED COM	6 Well Number 111H
7 OGRID No. 371449			perator Name TE ENERGY LLC	<b>9 Elevation</b> 3317.79'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	5	20-S	28-E		989'	NORTH	140'	EAST	EDDY
			11 Во	ttom Ho	le Location I	f Different Fro	m Surface		
UL or lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County									
1	3	20-S	28-E		978'	NORTH	10'	EAST	EDDY

12 Dedicated Acres | 13 Joint or Infill | 14 Consolidation Code | 15 Order No. | 316

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.



Colgate Operating, LLC Case No. 22831 Exhibit A-2 <u>District I</u>
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
<u>District II</u>

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#### WELL LOCATION AND ACREAGE DEDICATION PLAT

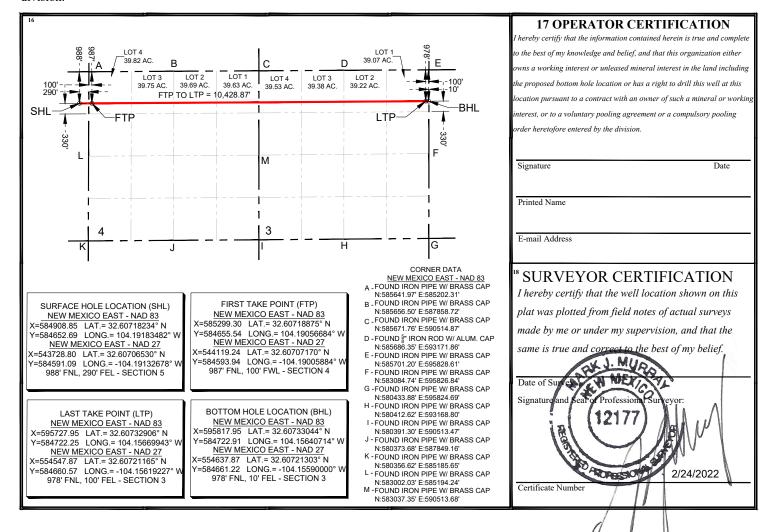
1 API Number		2 Pool Code 65010			
4 Property Code	4 Property Code		5 Property Name		
		DUND	EE 4 FED COM	121H	
7 OGRID No. 371449		·	perator Name TE ENERGY LLC	<b>9 Elevation</b> 3318.58'	

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
1	5	20-S	28-E		988'	NORTH	290'	EAST	EDDY	
<sup>11</sup> Bottom Hole Location If Different From Surface										
			11 Bo	ttom Ho	le Location I	f Different Fro	m Surface			
UL or lot no.	Section	Township	11 Bo Range	ttom Ho	le Location I  Feet from the	1 Different Fro	Feet from the	East/West line	County	

12 Dedicated Acres | 13 Joint or Infill | 14 Consolidation Code | 15 Order No. | 316

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



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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

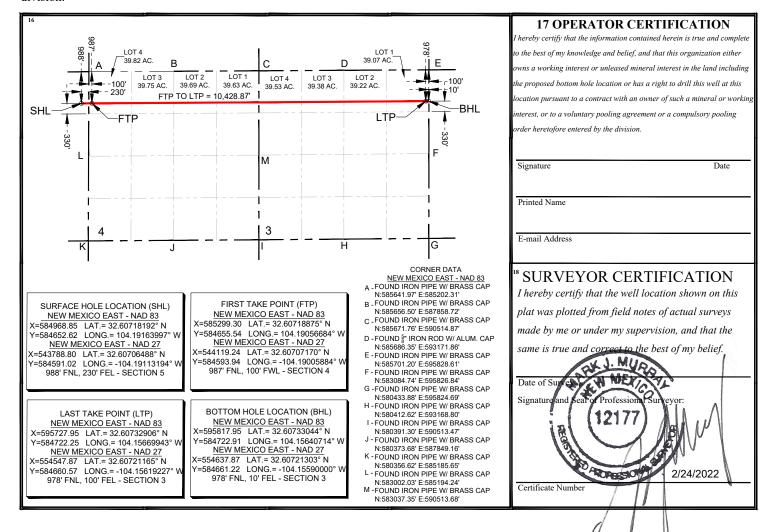
1 API Number		2 Pool Code 65010		
4 Property Code			roperty Name	6 Well Number
		DUND	DEE 4 FED COM	131H
<b>7 OGRID No.</b> 371449		·	perator Name TE ENERGY LLC	9 Elevation 3318.03'

<sup>10</sup> Surface Location

UL or lot no.	Section	1 ownsnip	Kange	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	5	20-S	28-E		988'	NORTH	230'	EAST	EDDY
			11 Bo	ttom Ho	le Location I	f Different Fro	m Surface		_
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

UL or lot no.	Section	Townshi	p R	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	3	20-S	2	28-E		978'	NORTH	10'	EAST	EDDY
12 Dedicated Acres	s 13 Joint o	or Infill	14 Conso	olidation	Code 15 O	rder No.				
316										

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.



DUNDEE 4 FED COM 111H, 121H, 131H (N/2N/2)								
WI OWNER	TRACT	NET	WI	FORCE POOL INTEREST				
Colgate Production, LLC	4-1A, 4-4A, 3-4A, 3-5A	263.65	83.41%	Operator				
COG Operating LLC	4-4A, 3-4A	47.59	15.06%	No				
Don Hofman*	4-4A	0.18	0.06%	Yes				
Trustee(s) Samuel Max Mordka Trust	4-4A	0.09	0.03%	Yes				
Trustee(s) Michelle A. Rubin Trust	4-4A	0.09	0.03%	Yes				
E. O. Bufkin, Jr.	3-4A	2.37	0.75%	Yes				
C & J Investments	3-4A	0.79	0.25%	Yes				
Charles W. Seltzer, Trustee of the Charles W.		0.20						
Seltzer Trust	3-4A	0.39	0.12%	Yes				
Shauna Seltzer Redwine, Trustee of the Shauna		0.20						
Seltzer Redwine Trust	3-4A	0.39	0.12%	Yes				
Michael Neitzel	3-4A	0.39	0.12%	Yes				
Karen Ralston Slade Revocable Trust	3-4A	0.08	0.02%	Yes				
Kirk & Sweeney, Ltd. Co.	3-4A	0.08	0.02%	Yes				
*Unlocatable		316.08	100.00%					

Colgate Operating, LLC Case No. 22831 Exhibit A-3

	T20S-1 Section		T20S-R28E Section 3			
4-1	I.A.	Dundee 4-4A	Dundee 4 22831 4-4A 3-4A			
4-1B		4-4B	3-4B	3-5B		
4-1C	4-2C	4-3C	3-5C(a)	3-5C(b)		
4-1D	4-2D	4-3D	3-5D(a)	3-5D(b)		

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

### 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

Marital Trust under Trust Agreement dated

November 15, 2012

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 dated August 15, 2002

Valorie F. Walker, Trustee of the Jack V. Walker Revocable Trust under Trust Agreement dated May 21, 1981

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 Irrevocable Trust under Trust Agreement dated

December 11, 2012

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 of the William N. Heiss Profit Sharing Plan

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. 22831 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: 1<sup>st</sup> 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: 2<sup>nd</sup> 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: 2<sup>nd</sup> 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: 2<sup>nd</sup> 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: 2<sup>nd</sup> 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: 3<sup>rd</sup> 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: 3<sup>rd</sup> 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: 3<sup>rd</sup> 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: 3<sup>rd</sup> 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 Participate	Elect to <u>NOT</u> Participate						
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	e (If Applicable):	
Signature		
Printed Name		
Title		<del></del>

Released to Imaging: 7/5/2022 2:36:23 PM

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 1111	Н		_	Old Millman Ranch; BONE SPRING
LOCATION:	Section 5, Block T20S-R2	28E		MD/TVD:	16887' MD / 6160' TVD
COUNTY/STATE:	Eddy County, New Mex	cico		LATERAL LENGTH:	10,400
Colgate WI:				DRILLING DAYS:	14.5
GEOLOGIC TARGET:	FBSG			COMPLETION DAYS:	18.6
REMARKS:	Drill a horizontal FBSG	well and complete.	AFE includes drilling, co	mpletions, flowback and	Initial AL install cost
		DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
INTANGIBLE CO 1 Land / Legal / Regulatory	OSTS		COS15	COS15	\$ 42,500
2 Location, Surveys & Damage		205,693	13,000	25,000	243,693
4 Freight / Transportation		34,270	30,250		64,520
5 Rental - Surface Equipment 6 Rental - Downhole Equipme	nt	70,439 145,281	153,700 26,250	13,060	237,199 171,531
7 Rental - Living Quarters	•••	29,069	43,450		72,519
10 Directional Drilling, Survey	/S	258,752			258,752
11 Drilling 12 Drill Bits		429,871 82,680			429,871 82,680
13 Fuel & Power		101,959	290,000		391,959
14 Cementing & Float Equip		149,460			149,460
15 Completion Unit, Swab, CT 16 Perforating, Wireline, Slick			282,875	24,000 28,000	310,875
17 High Pressure Pump Truck	ime	<del></del>	46,000	18,000	64,000
18 Completion Unit, Swab, CT	U		75,950		75,950
20 Mud Circulation System		60,425			60,425
21 Mud Logging 22 Logging / Formation Evalua	ition	10,584 4,426	6,000		10,584 10,426
23 Mud & Chemicals		203,751	285,841		489,592
24 Water		31,270	437,000		468,270
25 Stimulation 26 Stimulation Flowback & Di	sp		483,149 102,125		483,149 102,125
28 Mud / Wastewater Disposal		138,945	44,000		182,945
30 Rig Supervision / Engineeri		64,419	102,075	4,800	171,294
32 Drlg & Completion Overhe 34 Vacuum Truck		5,625		2,000	5,625
35 Labor		103,986	50,000	20,000	173,986
54 Proppant 95 Insurance		8,950	880,000		880,000 8,950
97 Contingency			14,494		14,494
99 Plugging & Abandonment					-
	TOTAL INTANGIBLES >	2,182,354	3,366,160	134,860	5,657,374
		DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
TANGIBLE CO 60 Surface Casing	STS	18.835	\$	\$	\$ 18,835
61 Intermediate Casing	Ť	123,096	·	*	123,096
62 Drilling Liner		420.204			420.204
63 Production Casing 64 Production Liner		420,204			420,204
65 Tubing				85,500	85,500
66 Wellhead 67 Packers, Liner Hangers		46,640 10,600		40,200 7,500	86,840 18,100
68 Tanks		- 10,000		- 7,500	- 10,100
69 Production Vessels				84,000	84,000
70 Flow Lines 71 Rod string				94,800	94,800
72 Artificial Lift Equipment				23,000	23,000
73 Compressor		-		42,500	42,500
74 Installation Costs 75 Surface Pumps				34,000 20,000	34,000 20,000
76 Downhole Pumps					
77 Measurement & Meter Insta				26,000	26,000
78 Gas Conditioning / Dehydra 79 Interconnecting Facility Pip				15,400	15,400
80 Gathering / Bulk Lines					-
81 Valves, Dumps, Controllers 82 Tank / Facility Containment				40,000	40,000
83 Flare Stack					
84 Electrical / Grounding					
85 Communications / SCADA 86 Instrumentation / Safety				15,000	15,000
, ,	TOTAL TANGIBLES >	619,374	0	527,900	1,147,274
	TOTAL COSTS >	2,801,729	3,366,160	662,760	6,804,648
		\$ 269	\$ 324		\$ 680
EPARED BY Colgate Energy	<b>7</b> :				
Drilling Engineer:	SS/RM/PS				
Completions Engineer:	BA/ML				
Production Engineer:	Levi Harris				
gate Energy APPROVAL:				<u> </u>	
0 0,					
Co-CEO_	WH	C	lo-CEO IW	VP - Ope	rations
VP - Land & Legal	WII	VP - Geose	***		CKW
_	BG		SO		
NI ODED ATING DADTNED	A DDD OVAT				
N OPERATING PARTNER	AFFRUVAL:				
Company Name:			Working Interest (%):	1	Гах ID:
Signed by:			Date:		
Title:			Approval:	Yes	No (mark one)
-	strued as ceilines on any specific item or the to	tal cost of the project. Tubing isostall-	-		
sts on this AFE are estimates only and may not be cons- tionate share of actual costs incurred, including, legal,	curative, regulatory, brokerage and well costs	under the terms of the applicable ion	int operating agreement, regulatory order or othe	r agreement covering this well. Participants shall	Il be covered by and billed proportionately for

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

	3/3/2022			AFE NO.:	0
DATE: WELL NAME:	Dundee 4 Fed Com 121F	<del></del>			illman Ranch; BONE SPRING
LOCATION:	Section 5, Block T20S-R28				2' MD / 7255' TVD
COUNTY/STATE:	Eddy County, New Mexic			LATERAL LENGTH:	10,400
Colgate WI:				DRILLING DAYS:	14.9
GEOLOGIC TARGET:	SBSG			COMPLETION DAYS:	18.6
REMARKS:	Drill a horizontal 2nd BS			mpletions, flowback and In	
INTANGIBLE (	COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
Land / Legal / Regulatory	\$	42,500	\$	s	\$ 42,500
Location, Surveys & Damas Freight / Transportation	ges	205,693 34,270	13,000 30,250	25,000	243,693 64,520
Rental - Surface Equipment	-	70,439	153,700	13,060	237,199
Rental - Downhole Equipm		145,281	26,250		171,531
Rental - Living Quarters		29,125	43,450		72,575
0 Directional Drilling, Surve 1 Drilling	eys _	262,968 429,871			262,968 429,871
2 Drill Bits	-	82,680			82,680
3 Fuel & Power	_	101,959	290,000		391,959
4 Cementing & Float Equip 5 Completion Unit, Swab, C	тп -	149,460		24,000	149,460
6 Perforating, Wireline, Slic		-	282,875	28,000	310,875
7 High Pressure Pump Truck		-	46,000	18,000	64,000
8 Completion Unit, Swab, C	TU	- (1.77	75,950		75,950
0 Mud Circulation System 1 Mud Logging	-	61,667 10,821			61,667
2 Logging/Formation Evalu	ation	4,426	6,000		10,426
3 Mud & Chemicals 4 Water	_	212,747	285,841 437,000		498,587
4 Water 5 Stimulation	_	31,270	437,000		468,270 483,149
26 Stimulation Flowback & L		-	102,125		102,125
28 Mud / Wastewater Dispose		138,945	44,000		182,945
0 Rig Supervision / Enginee 2 Drlg & Completion Overh		66,328 5,625	102,075	4,800	173,203 5,625
34 Vacuum Truck	-	3,023		2,000	3,023
5 Labor	_	103,986	50,000	20,000	173,986
4 Proppant	_	9,530	880,000		880,000 9,530
95 Insurance 97 Contingency	_	9,550	14,494		14,494
9 Plugging & Abandonment	-	-			-
	TOTAL INTANGIBLES >	2,199,590	3,366,160	134,860	5,674,610
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE CO		COSTS	COSTS	COSTS	COSTS
0 Surface Casing 1 Intermediate Casing	\$_	18,835 123,096	5	s	\$ 18,835 123,096
2 Drilling Liner	-				-
63 Production Casing	_	447,132			447,132
64 Production Liner 65 Tubing	_			85,500	85,500
6 Wellhead	-	46,640		40,200	86,840
7 Packers, Liner Hangers	_	10,600	-	7,500	18,100
8 Tanks 9 Production Vessels	_			84,000	84,000
70 Flow Lines	_			94,800	94,800
71 Rod string	-	-			-
72 Artificial Lift Equipment 73 Compressor	_	-		23,000	23,000 42,500
74 Installation Costs	-	-		42,500 34,000	34,000
5 Surface Pumps	-			20,000	20,000
6 Downhole Pumps		-			
77 Measurement & Meter Ins 78 Gas Conditioning/Dehyd		-		26,000	26,000
9 Interconnecting Facility Pi				15,400	15,400
0 Gathering / Bulk Lines	_				-
1 Valves, Dumps, Controller				40,000	40,000
2 Tank / Facility Containme 3 Flare Stack					
4 Electrical / Grounding	-			-	-
35 Communications / SCADA	_			15,000	15,000
36 Instrumentation / Safety	TOTAL TANGIBLES >	646,303		527,900	1,174,203
	TOTAL COSTS >	2,845,893	3,366,160	662,760	6,848,813
				002/100	
PARED BY Colgate Energ		\$ 274	\$ 324		\$ 685
ARED DI Colgate Eller	59.				
Drilling Engineer:					
Completions Engineer:					
Production Engineer:	Levi Harris				
ate Energy APPROVAL:					
Co-CEO	WH	Co-C	CEO IW	VP - Operation	
VD 1 J 0-1		VD C '	***		CRM
VP - Land & Legal	BG	VP - Geoscier	50		
OPERATING PARTNE	R APPROVAL:				
			Working Interest (%):	Tax I	D:
Company Name:					
			Date:		
Company Name: Signed by: Title:			Date:	Yes	No (mark one)

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 1311	1		_	ld Millman Ranch; BONE SPRING
LOCATION:	Section 5, Block T20S-R2	28E		MD/TVD: 1	9207' MD / 8480' TVD
COUNTY/STATE:	Eddy County, New Mex	rico		LATERAL LENGTH:	10,400
Colgate WI:				DRILLING DAYS:	20.8
GEOLOGIC TARGET:	TBSG			COMPLETION DAYS:	19
REMARKS:	Drill a horizontal 3rd BS	well and complete.	AFE includes drilling, co	mpletions, flowback and	Initial AL install cost
		DRILLING	COMPLETION	PRODUCTION	TOTAL
INTANGIBLE CO	OSTS	COSTS	COSTS	COSTS	COSTS
1 Land / Legal / Regulatory	\$	42,500	s	\$	\$ 42,500
2 Location, Surveys & Damage 4 Freight / Transportation	es .	207,601 34,270	13,000 30,250	25,000	245,601 64,520
5 Rental - Surface Equipment		93,261	153,700	13,060	260,021
6 Rental - Downhole Equipme	nt	145,281	26,250		171,531
7 Rental - Living Quarters 10 Directional Drilling, Survey	TC .	35,726 320,916	43,450		79,176 320,916
11 Drilling	75	566,837			566,837
12 Drill Bits		72,080			72,080
13 Fuel & Power		142,742	300,000		442,742
14 Cementing & Float Equip 15 Completion Unit, Swab, CT	TI	149,460		24,000	149,460
16 Perforating, Wireline, Slick		-	292,525	28,000	320,525
17 High Pressure Pump Truck		-	46,000	18,000	64,000
18 Completion Unit, Swab, CT	U		75,950		75,950
20 Mud Circulation System 21 Mud Logging		79,082 16,158			79,082 16,158
22 Logging / Formation Evalua	tion	7,419	6,000		13,419
23 Mud & Chemicals		262,123	316,753		578,875
24 Water 25 Stimulation		31,270	487,976		519,246
25 Stimulation 26 Stimulation Flowback & Di	sp		562,286 102,125		562,286 102,125
28 Mud / Wastewater Disposal		138,945	44,000		182,945
30 Rig Supervision / Engineeri		92,568	102,075	4,800	199,443
32 Drlg & Completion Overher	ad	7,875	-	2 000	7,875
34 Vacuum Truck 35 Labor		103,986	50,000	2,000	173,986
54 Proppant			1,029,600		1,029,600
95 Insurance		10,180			10,180
97 Contingency 99 Plugging & Abandonment		<del></del>	16,869		16,869
January Caramaninen	TOTAL INTANGIBLES >	2,560,281	3,698,808	134,860	6,367,949
	TOTAL EXTENDED	DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE CO	STS	COSTS	CONFLETION	COSTS	COSTS
60 Surface Casing	\$	18,835	\$	\$	\$ 18,835
61 Intermediate Casing		123,096			123,096
62 Drilling Liner					-
63 Production Casing 64 Production Liner		477,257			477,257
65 Tubing				85,500	85,500
66 Wellhead		46,640		40,200	86,840
67 Packers, Liner Hangers		10,600	-	7,500	18,100
68 Tanks 69 Production Vessels				84,000	84,000
70 Flow Lines				94,800	94,800
71 Rod string					-
72 Artificial Lift Equipment		-		23,000	23,000
73 Compressor 74 Installation Costs				42,500 34,000	42,500 34,000
75 Surface Pumps		-		20,000	20,000
76 Downhole Pumps					
77 Measurement & Meter Insta		-		26,000	26,000
78 Gas Conditioning / Dehydra 79 Interconnecting Facility Pip				15,400	15,400
80 Gathering / Bulk Lines					-
81 Valves, Dumps, Controllers				40,000	40,000
82 Tank / Facility Containmen 83 Flare Stack	t				
84 Electrical / Grounding					
85 Communications / SCADA				15,000	15,000
86 Instrumentation / Safety	mom + x m				-
	TOTAL TANGIBLES > TOTAL COSTS >	676,428	0	527,900	1,204,328
	TOTAL COSTS >	3,236,709	3,698,808	662,760	7,572,277
EDADED BY C. L. E		\$ 311	\$ 356		\$ 728
EPARED BY Colgate Energy	y.				
Drilling Engineer:	SS/RM/PS				
Completions Engineer:	BA/ML				
Production Engineer:	Levi Harris				
gate Energy APPROVAL:					
Co-CEO		Co	-CEO	VP - Opera	ations
CG-CEO_	WH	Co	JW JW	vi - Opera	CRM
VP - Land & Legal		VP - Geosci	iences		
• -	BG		SO		
N OPERATING PARTNER	APPROVAL:				
	·		TAT-LLI, T. C. COC	_	ID.
Company Name:			Working Interest (%):	Ta	ax ID:
Signed by:			Date:		
-				1	
Title:			Approval:	Yes	No (mark one)
its on this AFE are estimates only and may not be constituented that the state of actual costs incurred, including, legal,	strued as ceilings on any specific item or the to	tal cost of the project. Tubing installat	ion approved under the AFE may be delayed up	to a year after the well has been completed. In ex-	secuting this AFE, the Participant agrees to pay it

#### **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
  - o 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
  - o 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. 22831 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. 22831** 

## 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 Bone Spring 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 Bone Spring formation. The approximate wellbore path for the proposed Dundee 4 Fed Com 111H, Dundee 4 Fed Com 121H, and Dundee 4 Fed Com 131H wells ("Wells") are 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 well names and a black line in proximity to the proposed wells.
- 5. **Exhibit B-3** is a First Bone Spring (FBSG) Structure map on the top of the First Bone Spring formation in TVD subsea with a contour interval of 100 ft. The map identifies the

Colgate Operating, LLC Case No. 22831 Exhibit B approximate wellbore path for the Dundee 4 Fed Com 111H proposed Well with a green dashed line. It also identifies the 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** is a Second Bone Spring (SBSG) Structure map on the base of the Second Bone Spring formation in TVD subsea with a contour interval of 50 ft. The map identifies the approximate wellbore path for the Dundee 4 Fed Com 121H proposed Well with an orange dashed line. It also identifies the 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, pinchouts, or geologic impediments to developing the targeted intervals with horizontal wells.
- 7. **Exhibit B-5** is a Third Bone Spring (TBSG) Structure map on the top of the Third Bone Spring formation in TVD subsea with a contour interval of 50 ft. The map identifies the approximate wellbore path for the Dundee 4 Fed Com 131H proposed Well with a red dashed line. It also identifies the 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.
- 8. **Exhibit B-6** 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 Bone Spring Wells. 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 Wells are the Bone Spring formation, which is consistent across the units. The approximate well-path for the proposed Wells is indicated by dashed lines to be drilled from west to east across the units.

- 9. **Exhibit B-7** is a stratigraphic cross-section from A to A' using the representative wells identified on **Exhibit B-6**. 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 Wells 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.
- 10. **Exhibit B-8** is a gun barrel diagram that shows the Dundee 4 Fed Com 111H, Dundee 4 Fed Com 121H, and Dundee 4 Fed Com 131H wells in the Bone Spring formation.
- 11. In my opinion, a laydown orientation for the Wells 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.
- 12. 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 Wells.
- 13. 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.
- 14. The exhibits attached hereto were either prepared by me or under my supervision or were compiled from company business records.
- 15. I understand this Self-Affirmed Statement will be used as written testimony in this case. I affirm my testimony in paragraphs 1 through 14 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.

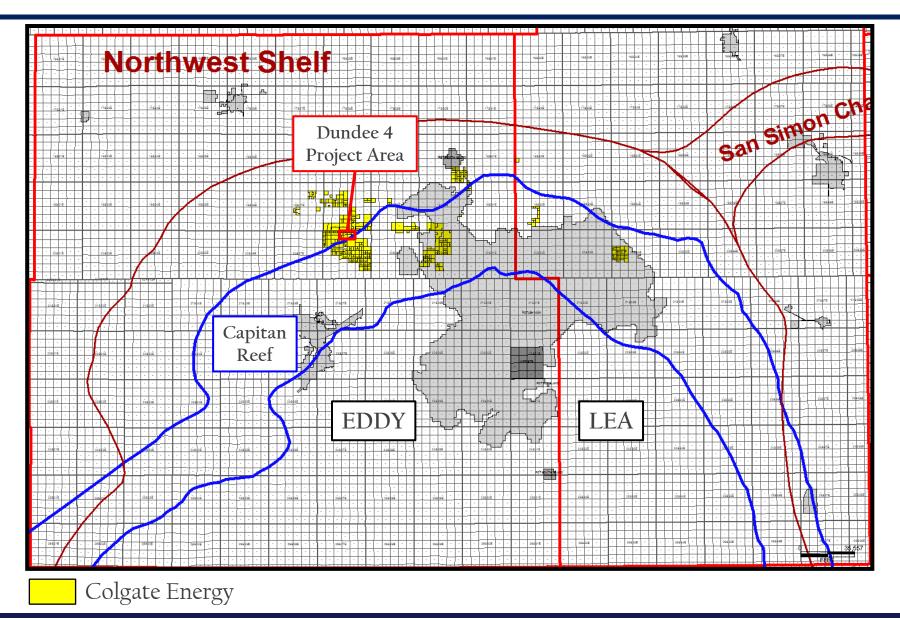
David DaGian

 $\frac{5/25/22}{\text{Date}}$ 

Colgate Operating, LLC Case No. 22831 Exhibit B-1



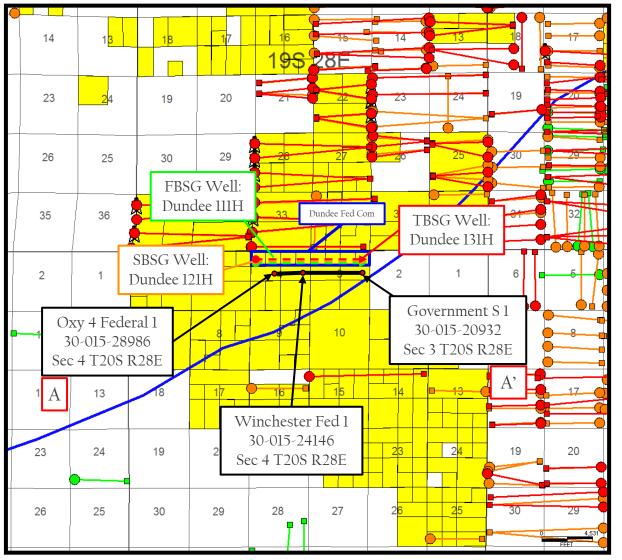


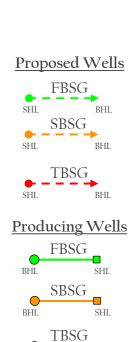


Colgate Operating, LLC Case No. 22831 Exhibit B-2

Exhibit B-2







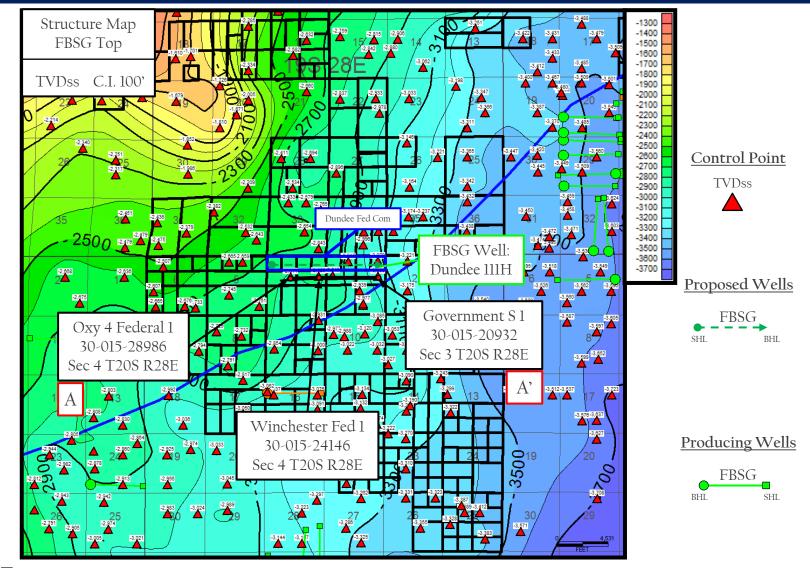
BHL

Colgate Energy

Colgate Operating, LLC Case No. 22831 Exhibit B-3

Exhibit B-3



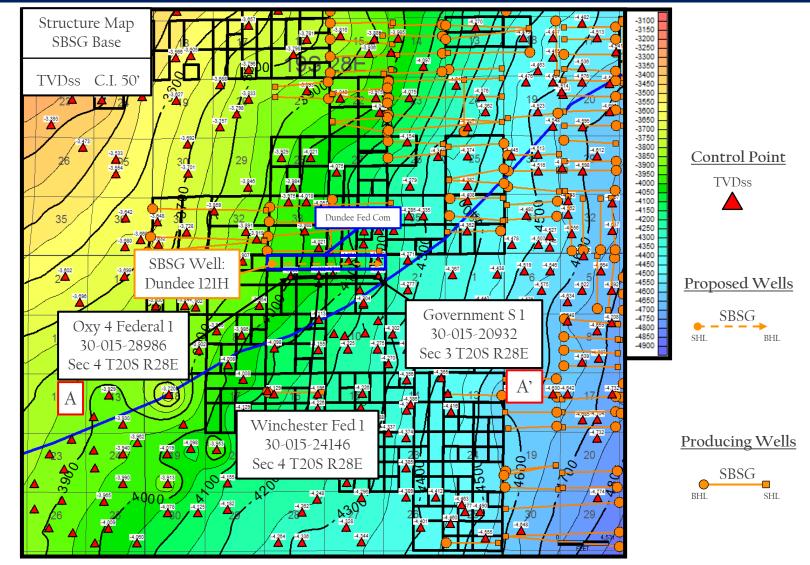


Colgate Energy

Colgate Operating, LLC Case No. 22831 Exhibit B-4

Exhibit B-4



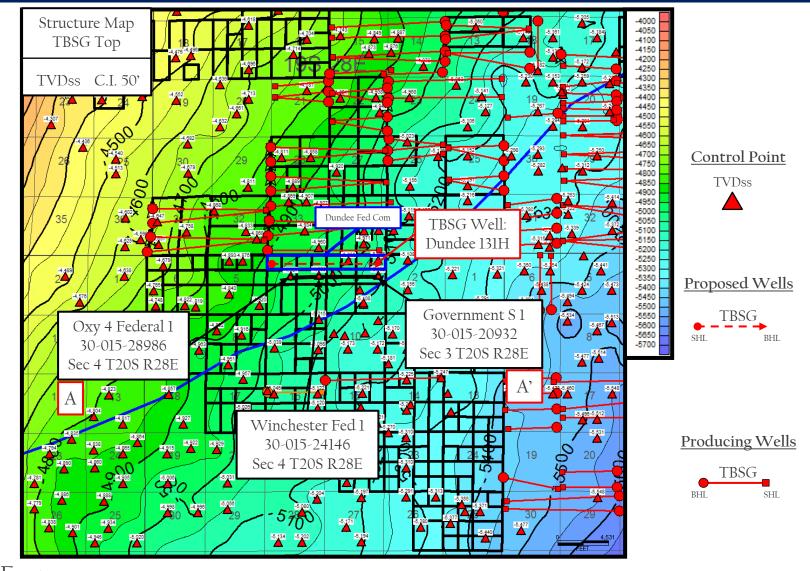


Colgate Energy

Colgate Operating, LLC Case No. 22831 Exhibit B-5

Exhibit B-5





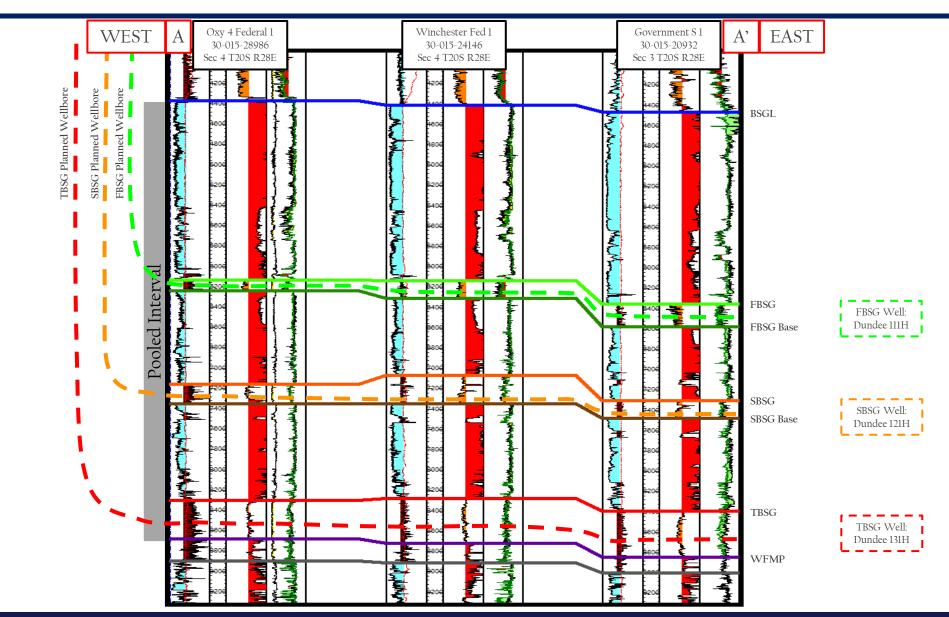
Colgate Energy

Sterirettural: Cross: Section A-A' Dundee 4 Fed Com 111H, 121H, 131H

Colgate Operating, LLC Case No. 22831 Exhibit B-6

Exhibit B-6



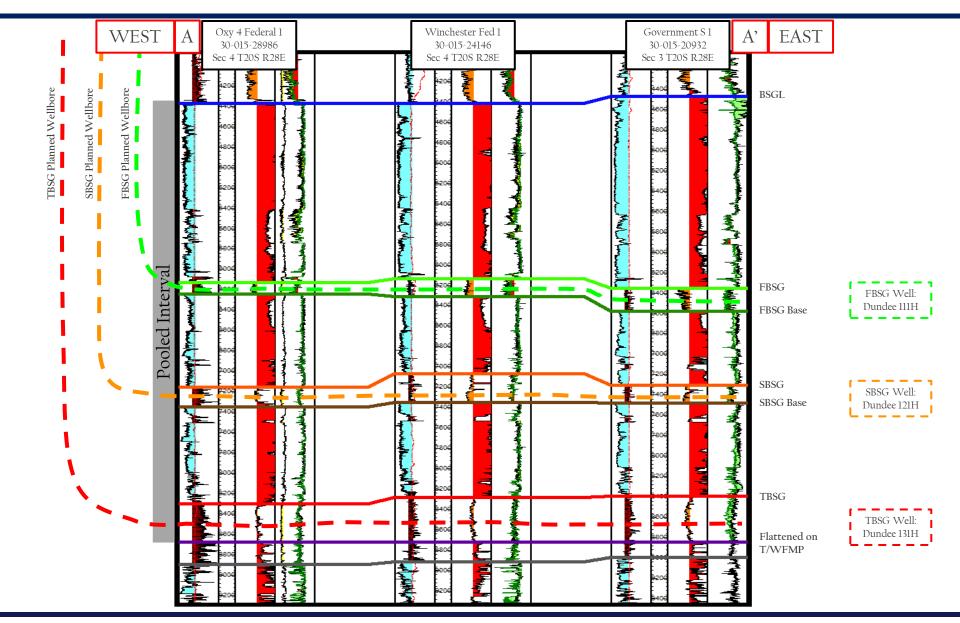


Strateigraphic Cross Section A-A' Dundee 4 Fed Com IIIH, 121H, 131H

Colgate Operating, LLC Case No. 22831 Exhibit B-7

Exhibit B-7



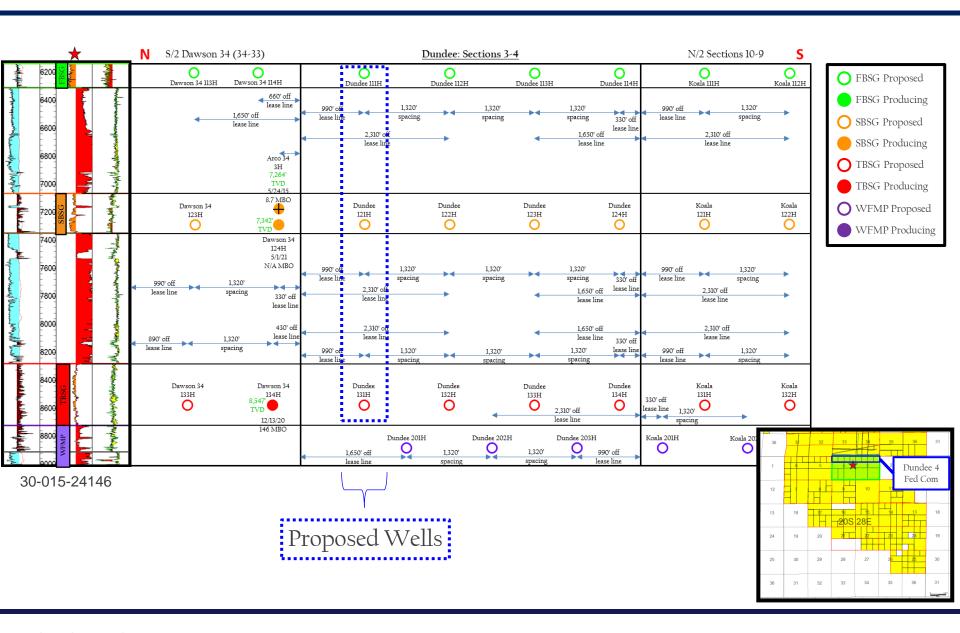


### Crair Bar PEP DEVEROPINEM Plan Dundee 4 Fed Com 111H, 121H, 131H

Colgate Operating, LLC Case No. 22831 Exhibit B-8

Exhibit B-8





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

**CASE NO. 22831** 

#### SELF-AFFIRMED STATEMENT OF DANA S. HARDY

- 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, 2021, 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**.

/s/ Dana S. Hardy	July 2, 2022
Dana S. Hardy	Date

Colgate Operating, LLC Case No. 22831 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

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

#### TO ALL PARTIES ENTITLED TO NOTICE

Re: Case No. 22831 – 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: <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 filed at the Division's Santa Fe office or submitted through the OCD E-Permitting system (<a href="https://www.apps.emnrd.state.nm.us/ocd/ocdpermitting/">https://www.apps.emnrd.state.nm.us/ocd/ocdpermitting/</a>) 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

Colgate Operating, LLC Case No. 22831 Exhibit C-1

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

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

WRITER:

Dana S. Hardy, Partner dhardy@hinklelawfirm.com

May 12, 2022

#### <u>VIA CERTIFIED MAIL</u> 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.

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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

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

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

Case No. 22831

#### NOTICE LETTERS

PARTY	NOTICE LETTER SENT	RETURN RECEIVED
Edward O Bufkin JR	05/13/22	06/15/22
3724 Wooded Creek Dr		Return to Sender –
Farmers Branch, TX 75244		
		Vacant
C & J Investments	05/13/22	05/20/22
101 E Lohman Ave		
Las Cruces, NM 88001		
C & J Investments	05/13/22	05/25/22
2 Avery St., Apt 21B		
Boston, MA 02111		
	0.7.11.0.10.0	0.7.11.0.10.0
Charles W. Seltzer Trust	05/13/22	05/18/22
214 W. Texas, Suite 509		
Midland, Texas 79701		
COG Operating LLC	05/13/22	05/25/22
600 W Illinois Ave		
Midland, TX 79701		
Estate of Don Hoffman	05/13/22	05/18/22
6550 43rd St Unit 1000-216		
Lubbock TX 79407		
Estate of Don Hoffman	05/13/22	05/25/22
c/o Donna Pharies		
1408 E 10th St		
Clovis, NM 88101		
Karen Ralston Slade Revocable	05/13/22	06/01/22
Trust		
P.O. Box 210188		
Bedford, Texas 76095		
Kirk & Sweeney Ltd. Co	05/13/22	05/20/22
PO Box 2125		
Roswell, NM 88202		

Colgate Operating, LLC Case No. 22831 Exhibit C-2

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

Case No. 22831

#### NOTICE LETTERS

PARTY	NOTICE LETTER SENT	RETURN RECEIVED
Michelle A. Rubin Trust	05/13/22	05/25/22
8718 Hamlin		
Skokie, Illinois 60076		
Michael J. Neitzel	05/13/22	05/25/22
5220 Spring Valley Ste 510,		
Dallas, TX 75254		
Samuel Max Mordka Trust	05/13/22	06/01/22
2652 Asbury Avenue		
Evanston, Illinois 60201		
Shauna Seltzer Redwine Trust	05/13/22	05/25/22
4406 San Carlos Drive		
Dallas, Texas 75205		

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		
John P. Conn and Eileen C. Knecht	05/13/22	05/25/22
19764 Lexington Dr		
Biloxi, MS 39532		
Shelley Schutz Dominguez	05/13/22	05/25/22
725 Live Oak		
El Paso, TX 79932		
Energy Properties Limited, L.P.	05/13/22	06/01/22
PO Box 51408		
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		
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		

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	05/13/22	06/02/22
6212 Homestead Blvd Midland, TX 79707		
Monarch Oil and Gas Inc.	05/13/22	05/18/22
PO Box 1473		
Roswell, NM 88202		
Robin L. Morgan	05/13/22	05/18/22
135 Cottonwood Rd		
Artesia, NM 88210		
Motowi, LLC	05/13/22	Per USPS Tracking:
2307 Stagecoach Dr		
Las Cruces, NM 88011		Delivered, left with an
		individual on 05/16/22.
Mark B. Murphy, Trustee of the	05/13/22	05/18/22
Mark B. Murphy Irrevocable Trust		
under Trust Agreement dated		
December 11, 2012		
PO Drawer 1030		
Roswell, NM 88202	0.7/1.2/22	0.7 (1.0 (0.0
Susan S. Murphy, Trustee of the	05/13/22	05/18/22
Susan S. Murphy Marital Trust		
under Trust Agreement dated		
November 15, 2012 706 Brazos St.		
Roswell, NM 88201		
Nuevo Seis, Limited Partnership	05/13/22	05/20/22
PO Box 2588	03/13/22	03/20/22
Roswell, NM 82202		
OGI, Inc.	05/13/22	05/25/22
PO Box 5686	03/13/22	03/23/22
Pagosa Springs, CO 81147		
PDIII Exploration, LTD.	05/13/22	05/25/22
P.O. Box 871		
Midland, Texas 79702		
Paul Davis, Ltd.	05/13/22	05/25/22
P.O. Box 871		
Midland, TX 79702		

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

Case Nos. 22824-22831, & 22834

Qualia Interests, LLC PO Box 991 Midland, TX 79702	05/13/22	05/25/22
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
Realtimezone, Inc.	05/13/22	this address 05/20/22
PO Box 1834	03/13/22	03/20/22
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
Calisbad, CA 92013		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	05/12/22	Day HCDC To all to a
Robin K. Shackelford 108 Paradise Canyon	05/13/22	Per USPS Tracking:
Ruidoso, NM 88345		Delivered, left with an
11414050, 1111 005 15		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 benefit of Amy Shelton Murrell		Unclaimed.
315 N Orchard Ln		
Covington, LA 70433		
<i>C</i> ,		

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

Case Nos. 22824-22831, & 22834

Elizabeth Sherman Shelton, as	05/13/22	06/16/22
Trustee of the Prescott A. Sherman		
Grandchildren's Trust for the		Return to sender.
benefit of Cristina Elizabeth		Unclaimed.
Shelton		
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	05/13/22	Per USPS Tracking:
4747 RESEARCH FOREST DR		
STE 410		Delivered, left with an
THE WOODLANDS, TX 77381-		individual on 05/17/22.
4903		

n.	U.S. Postal Service™ CERTIFIED MAIL® RECEIPT  Domestic Mail Only
Ö	Bonnesuc wan only
5602	For delivery information, visit our website at www.usps.com®.
	OFFICIALOUSE
11	Certified Mall Fee
7595	(3)
1	Extra Services & Fees (check box, add fee as appropriate)
	Return Receipt (hardcopy) \$
	Return Receipt (electronic) \$ Postmerk 9
	Certified Mail Restricted Delivery \$
0000	Adult Signature Required \$
Ч	Adult Signature Restricted Delivery \$
	Postage
2970	s
П.,	Total Postage and Fees
ПJ	1/378
ш.	Sent To
4	
707	Street and Apt. No., or PO Box No. 101 E Lohman Ave
~	Las Cruces, NM 88001
TRO	City, State, ZIP+4® Colgate Dundee - 22831
	PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature  X
1. Article Addressed to:  C & J Investments  101 E Lohman Ave Las Cruces, NM 88001	D. Is delivery address different from item 1?   If YES, enter delivery address below:   No
9590 9402 6746 1074 2464 29 2. Article Number (Transfer from service label) 7019 2970 0000 7595 5606	3. Service Type  □ Adult Signature □ Adult Signature Restricted Delivery □ Certified Mail® □ Certified Mail Restricted Delivery □ Cellect on Delivery □ Collect on Delivery □ tail ■ tail Restricted Delivery □ by □ Cellect on Delivery □ tail ■ tail Restricted Delivery
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt

Colgate Operating, LLC Case No. 22831 Exhibit C-3

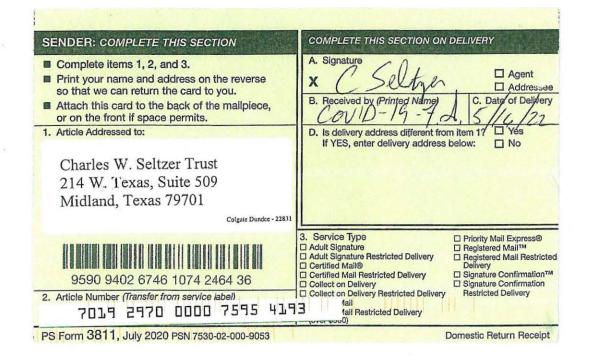




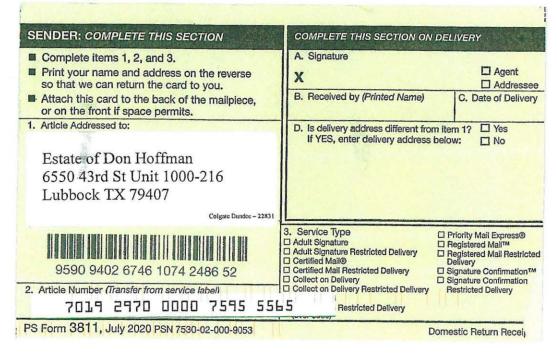




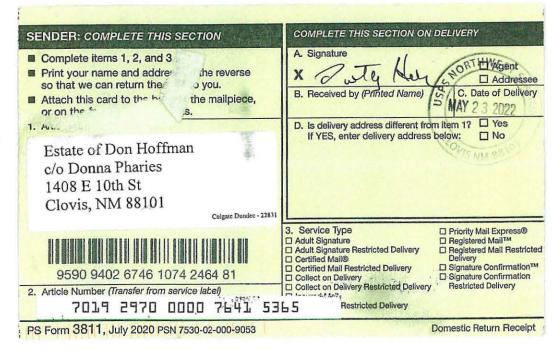
133	U.S. Postal Service <sup>™</sup> CERTIFIED MAIL <sup>®</sup> RECEIPT Domestic Mail Only
7	For delivery information, visit our website at www.usps.com®.
7595	OFFICIAL OFF
0000	Extra Services & Fees (check box, add fee as appropriate)    Return Receipt (inardcopy) \$
2970	Adult Signature Restricted Delivery \$
7019	Sent To  Charles W. Seltzer Trust 214 W. Texas, Suite 509 Milland, Texas 79701
	Cily, State, ZIP+4* Colgate Dundee - 22831
	PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions







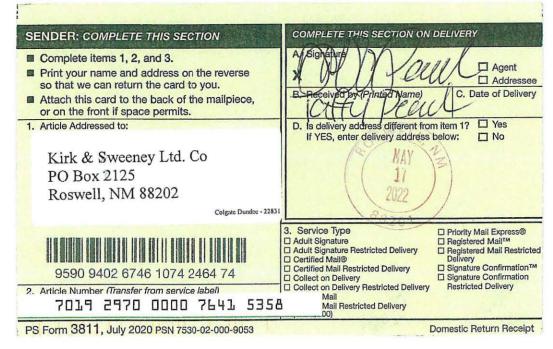




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9590 9402 6746 1074 2464 67  2. Article Number (Transfer from service Jabel)  7019 2970 0000 7641 534	3. Service Type  □ Adult Signature □ Adult Signature Restricted Delivery □ Certified Mail® □ Certified Mail Restricted Delivery □ Collect on Delivery □ Collect on Delivery Restricted Delivery  1ail tall Restricted Delivery





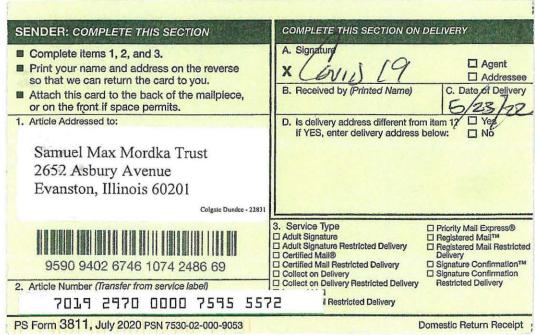




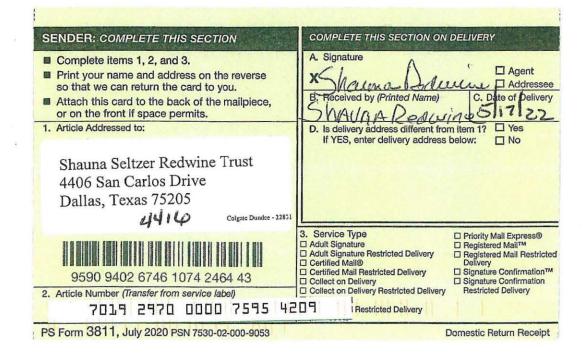








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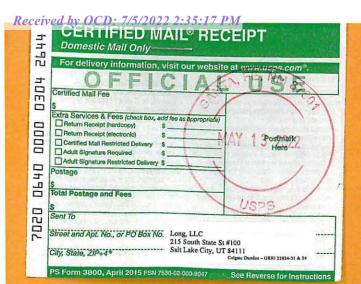
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TO

Elizabeth Sherman Shelton, as Trustee of the
Prescott A. Sherman Grandchildren's Trust for the
benefit of Any Shelton Murrell
315 N Orchard Ln
Covington, LA 70433

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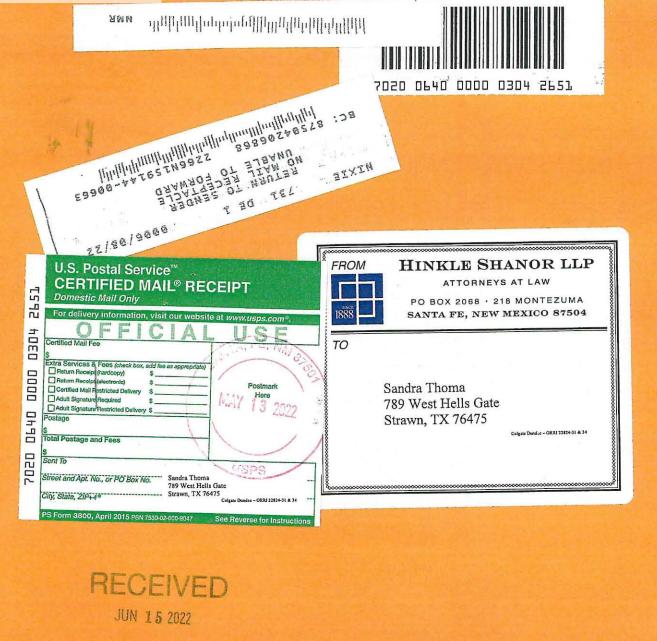
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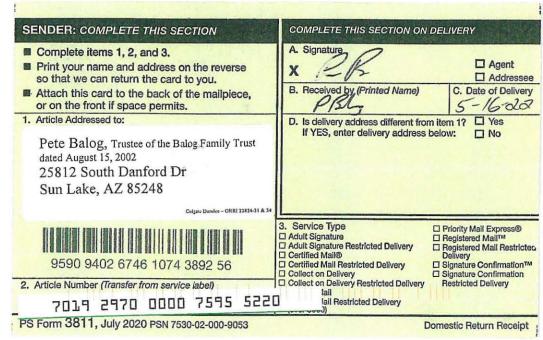
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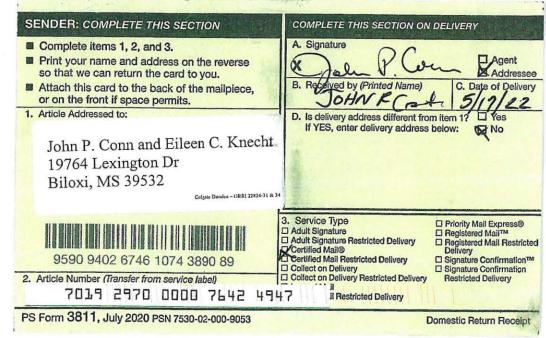












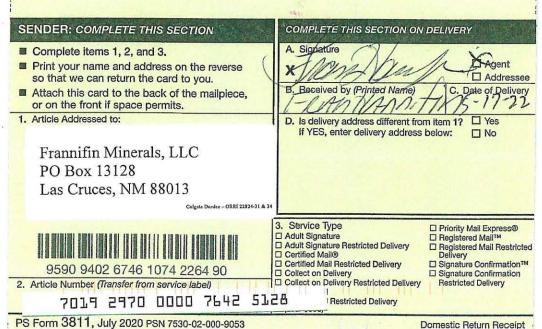


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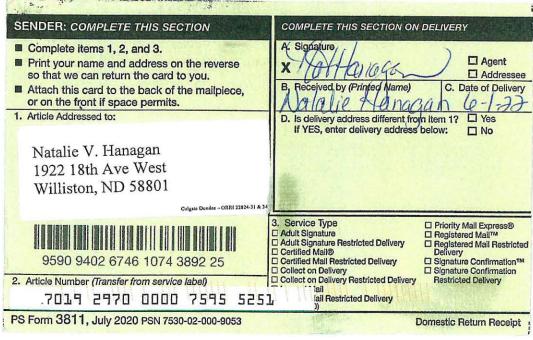




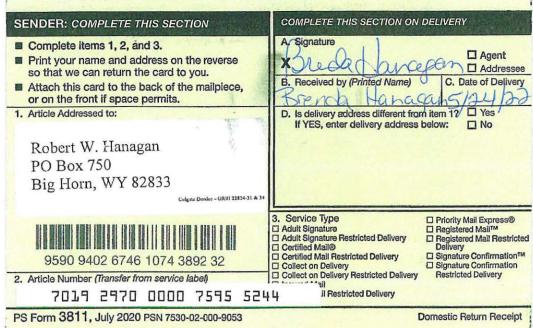




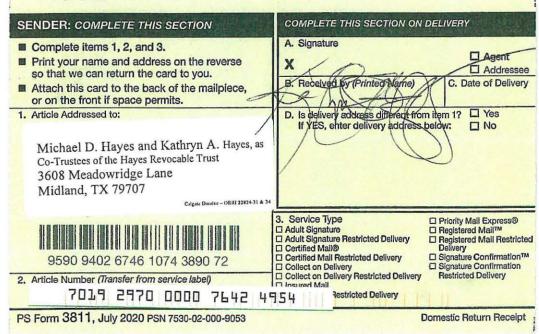








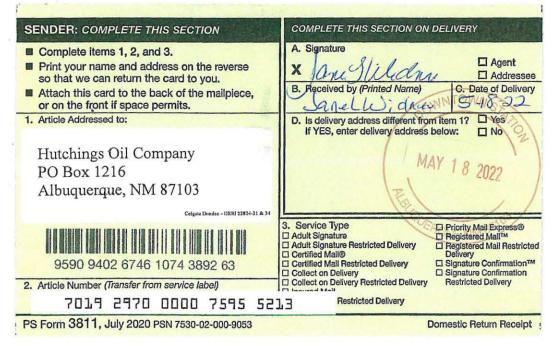




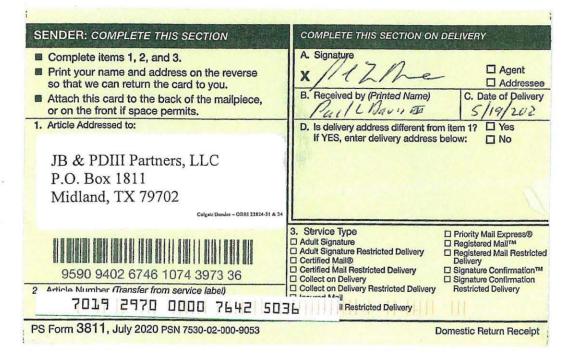


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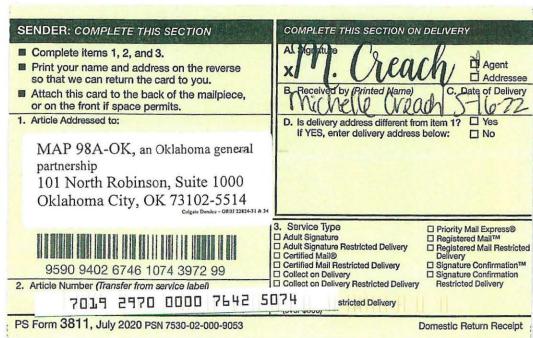




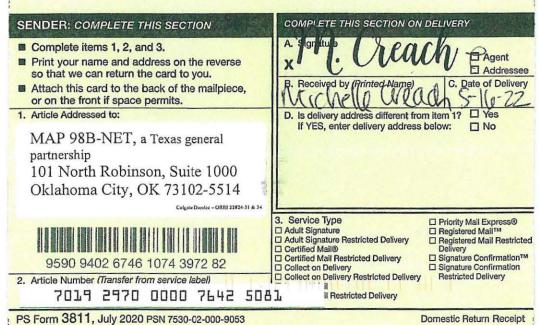




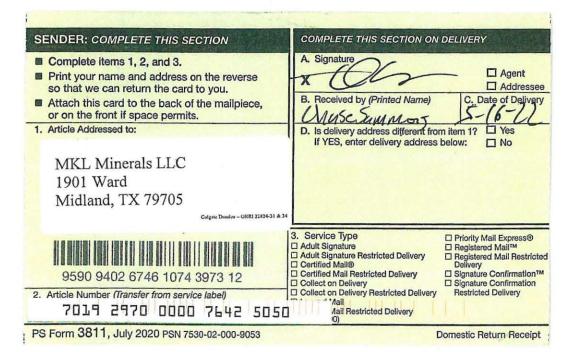








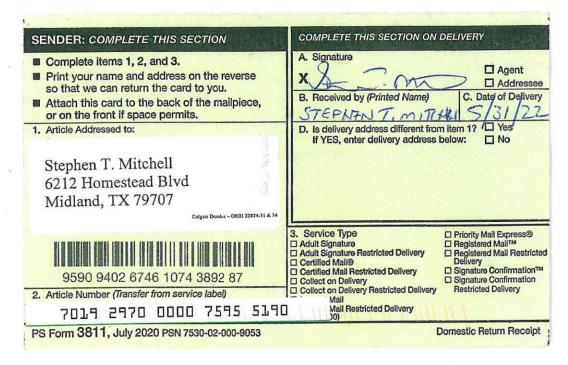
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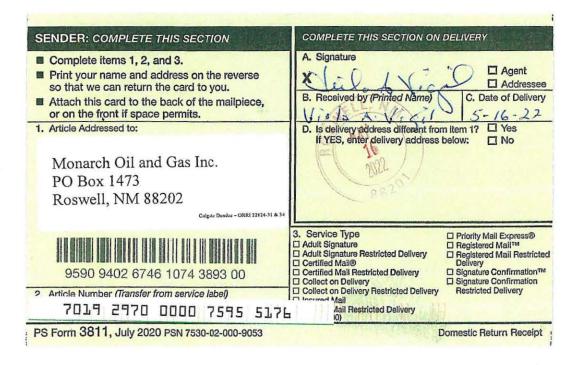


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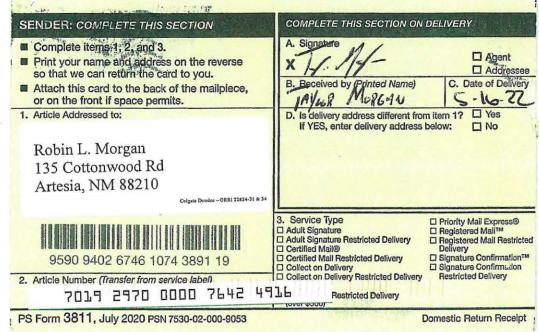
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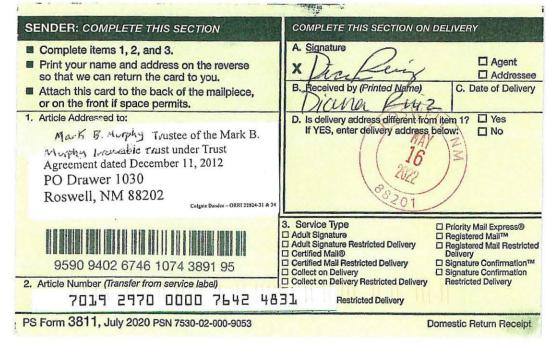
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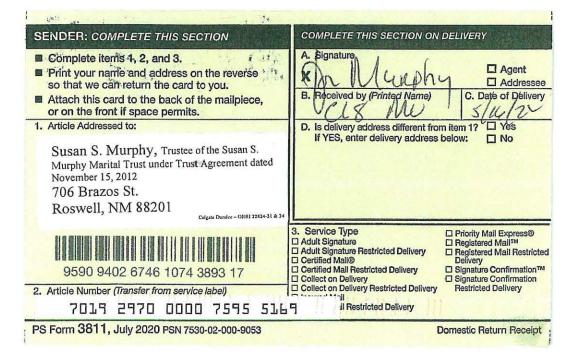








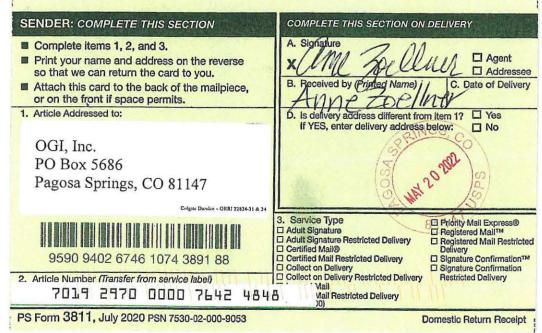
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3	Street and Apt. No., or PO Box No. Marital Trust under Trust Agreement dated November 15, 2012
•	706 Brazos St.
-	706 Brazos St. Roswell, NM 88201 Colgate Dundee - ORRI 22824-31 & 34







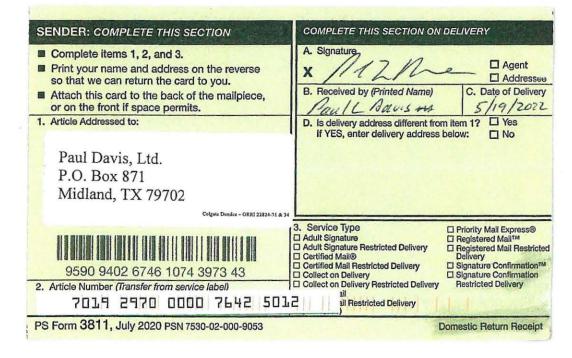




















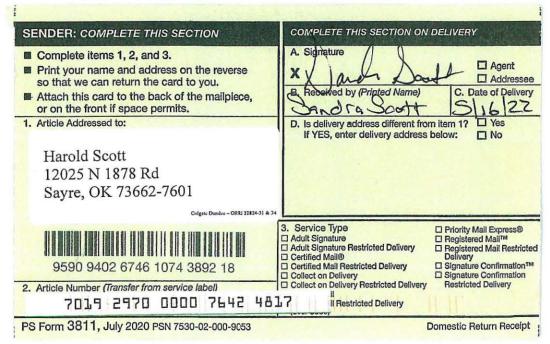




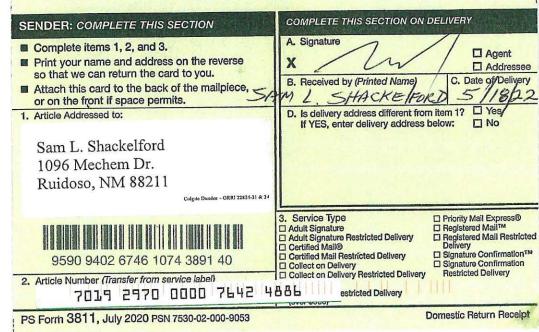




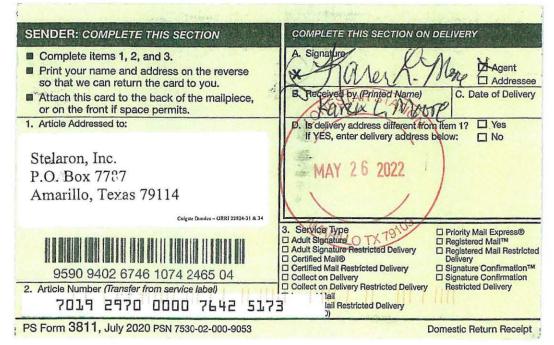




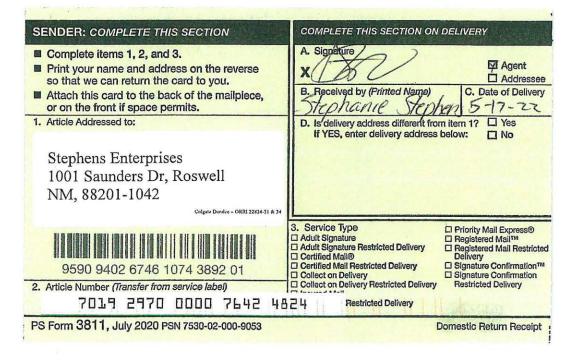




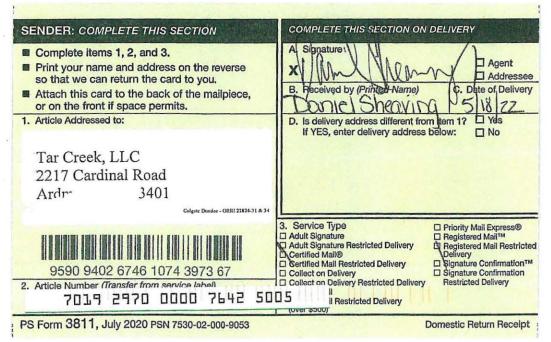




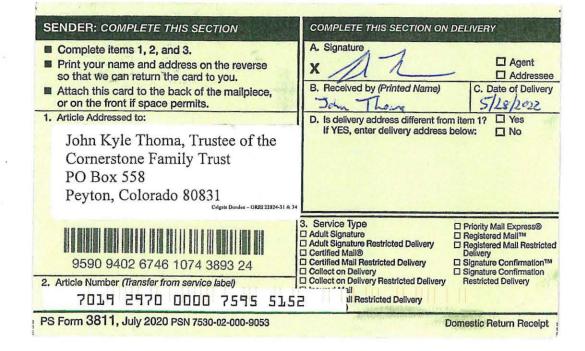








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7019	John Kyle Thoma, Trustee of the Cornerstone Street and Apt. No., or PO Box No.  Family Trust PO Box 558
1-	City, State, ZIP+49 Peyton, Colorado 80831 Colgate Dundee - ORRI 22824-31 & 34
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## Carlsbad Current Argus.

## Affidavit of Publication Ad # 0005262091 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

Ad # 0005262091 PO #: 5262091 # of Affidavits1

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KATHLEEN ALLEN
Notary Public
State of Wisconsin

Colgate Operating, LLC Case No. 22831 Exhibit C-4

This is to notify all interested parties, including COG Operating LLC; Estate of Don Hoffmann; Samuel Max Mordka Trust; Michelle A. Rubin Trust; Edward O Bufkin Jr.; C8J Investments; Charles W. Seltzer Trust; Shauna Seltzer Redwine Trust; Michael J. Neitzel; Karen Ralston Slade Revocable Trust; Kirk & Sweeny Ltd. Co; Realtimezone, Inc.; Long, LLC; Sandra Thoma; John Kyle Thoma, Trustee of the Cornerstone Family Trust; Susan S. Murphy Marital Trust under Trust Agreement dated November 15, 2021; 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 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 Irrevocable Trust under Trust agreement dated December 12, 2012; 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 of the William N. Heiss Profit Sharing Plan; Robin L. Morgan; Elizabeth S. Shelton, Trustee of the Elizabeth S. Shelton Living Trust; Elizabeth Sherman Shelton, as Trustee of the Prescott A. Sherman Grandchildren's Trust for the benefit of Amy Shelton Murrell; 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 L.P; Shelley, Shelton, L.P.; Tar Creek, LLC; Paul Davis, Ltd.; PDIII Exploration, LTC; Is & Royalty, LLC; MKL Minerals LLC; Lowe Royalty Partners, LP; MAP 98A-OK, and Collahoma general partnership; MAP 98B-NET, a Texas general partnership; Map 98B-NET, a Texas general partnership; Map 98B-NET, a Texas general partnership; Map 98B-OK, and an annificing submitted the New York and an annificing submitted the New York and an annificing submitted the New York and a the New Mexico Oil Conservation Division will conduct a hearing on an application submitted by Colgate Operating, LLC (Case No. 22831). During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. The hearing will be conducted on June 2, 2022, beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website for that date: http://www.em.nrd.state.htm.htm.www.em.nrd.state.htm.htm.www.em.nrd.state.htm.htm.www.em.nrd.state.htm.htm.ww Section 5 to a bottom hole loca-tion in Lot 1 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.
15262091, Current Argus, May 18, 2022