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

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

CASE NO. 24080

NOTICE OF AMENDED EXHIBITS

In accordance with the Division's request at the January 4, 2024 hearing, Colgate Production, LLC is providing the attached amended exhibit packet, which includes the following amended exhibits:

- 1) Compulsory Pooling Checklist, which is amended to correct the Pool Name and Pool Code;
- 2) Exhibit A (Self-Affirmed Statement of Mason Maxwell), which is revised at paragraph 6 to correct the Pool Name and Pool Code; and
- 3) Exhibit A-2 (C-102s), which is amended to correct the Pool Name and Pool Code.

Respectfully submitted,

HINKLE SHANOR, LLP

/s/ Dana S. Hardy

Dana S. Hardy

Jaclyn M. McLean

P.O. Box 2068

Santa Fe, NM 87504-2068

Phone: (505) 982-4554

Facsimile: (505) 982-8623

dhardy@hinklelawfirm.com

imclean@hinklelawfirm.com

Counsel for Colgate Production, LLC and Permian Resources

Operating, LLC

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing Notice of Amended Exhibits was sent to the following counsel of record on this January 5, 2024.

Jordan Kessler
EOG Resources, Inc.
125 Lincoln Ave., Suite 213
Santa Fe, NM 87501
Phone: (432) 488-6108
Jordan_kessler@eogresources.com

/s/ Dana S. Hardy

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

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

CASE NO. 24080

EXHIBIT INDEX

Compulsory Pooling Checklist

Exhibit A	Self-Affirmed Statement of Mason Maxwell
A-1	Application & Proposed Notice of Hearing
A-2	C-102
A-3	Plat of Tracts, Tract Ownership, Applicable Lease Numbers, Unit Recapitulation, Pooled Parties
A-4	Sample Well Proposal Letter & AFE
A-5	Chronology of Contact
Exhibit B	Self-Affirmed Statement of Christopher Cantin
B-1	Regional Locator Map
B-2	Cross Section Location Map
B-3	First Bone Spring Subsea Structure Map
B-4	Second Bone Spring Subsea Structure Map
B-5	Third Bone Spring Subsea Structure Map
B-6	Stratigraphic Cross-Section
B-7	Gun Barrel Diagram
Exhibit C	Self-Affirmed Statement of Dana S. Hardy
C-1	Notice Letters to All Interested Parties
C-2	Chart of Notice to All Interested Parties
C-3	Copies of Certified Mail Receipts and Returns
C-4	Affidavit of Publication for December 13, 2023

COMPULSORY POOLING APPLICATION CHECKLIST

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 24080	APPLICANT'S RESPONSE
Date	January 4, 2024
	•
Applicant Designated Operator & OCRID (affiliation if applicable)	Colgate Production, LLC
Designated Operator & OGRID (affiliation if applicable)	OGRID No. 372165 (Permian Resources Operating, LLC)
Applicant's Counsel: Case Title:	Hinkle Shanor LLP Colgate Production, LLC for Compulsory Pooling, Eddy County, New Mexico.
Entries of Appearance/Intervenors:	EOG Resources, Inc.
Well Family	Mojo
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring Formation
Pool Name and Pool Code:	Hackberry; Bone Spring NW Pool (Code 97020)
Well Location Setback Rules:	Statewide
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	318.59-acres
Building Blocks:	quarter-quarter
Orientation:	East to West
Description: TRS/County	N/2 N/2 of Section 25, Township 19 South, Range 30 East, and the N/2 N/2 of irregular Section 30, Township 19 South, Range 31 East, Eddy County.
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes.
Other Situations	
Depth Severance: Y/N. If yes, description	N/A
Proximity Tracts: If yes, description	N/A
Proximity Defining Well: if yes, description	N/A
Applicant's Ownership in Each Tract	Exhibit A-3
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1 Released to Imaging: 1/9/2024 4:33:28 PM	Mojo 30-25 Fed Com 111H (API #) 1349' FNL & 981' FEL (Unit H), Section 30, T19S, R31E 660' FNL & 100' FWL (Unit D), Section 25, T19S, R30E Completion Target: Bone Spring (Approx. 7,906' TVD)

Received by OCD: 1/5/2024 8:46:56 AM	Page 5 of 60
Well #2	Mojo 30-25 Fed Com 121H (API #) 1350' FNL & 915' FEL (Unit H), Section 30, T19S, R31E 660' FNL & 100' FWL (Unit D), Section 25, T19S, R30E Completion Target: Bone Spring (Approx. 8,905' TVD)
Well #3	Mojo 30-25 Fed Com 131H (API #) 1350' FNL & 849' FEL (Unit H), Section 30, T19S, R31E 660' FNL & 100' FWL (Unit D), Section 25, T19S, R30E Completion Target: Bone Spring (Approx. 9,832' TVD)
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 \$	\$10,000.00
Production Supervision/Month \$	\$1,000.00
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-1, Exhibit C-2, Exhibit C-3
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit C-4
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit A-3
Tract List (including lease numbers and owners) If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements. Pooled Parties (including ownership type)	N/A Exhibit A-3
Pooled Farties (including ownership type)	EXTINUIT A-5
Unlocatable Parties to be Pooled Ownership Depth Severance (including percentage above & below)	N/A 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-1
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-7
Well Orientation (with rationale) Released to Imaging: 1/9/2024 4:33:28 PM	Exhibit B

Received by OCD: 1/5/2024 8:46:56 AM	Page 6 of 60
Target Formation	Exhibit B
HSU Cross Section	Exhibit B-2
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-2
Structure Contour Map - Subsea Depth	Exhibit B-3, B-4, B-5
Cross Section Location Map (including wells)	Exhibit B-2
Cross Section (including Landing Zone)	Exhibit B-6
Additional Information	
Special Provisions/Stipulations	N/A
CERTIFICATION: I hereby certify that the information provi	ided 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

1/5/2024

Date:

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

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

CASE NO. 24080

SELF-AFFIRMED STATEMENT OF MASON MAXWELL

- 1. I am a landman with Permian Resources Operating, LLC ("Permian Resources"). I am over 18 years of age, 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 cases. Copies of Colgate Production, LLC's ("Colgate") 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 Bone Spring formation underlying a 318.59-acre, more or less, standard horizontal spacing unit comprised of the N/2 N/2 of Section 25, Township 19 South, Range 30 East, and the N/2 N/2 of irregular Section 30, Township 19 South, Range 31 East, Eddy County, New Mexico ("Unit").
- 5. The Unit will be dedicated to the **Mojo 30-25 Fed Com 111H**, **Mojo 30-25 Fed Com 121H**, and **Mojo 30-25 Fed Com 131H** wells ("Wells"), which will be drilled from surface hole locations in the SE/4 NE/4 (Unit H) of Section 30, Township 19 South, Range 31 East, to bottom hole locations in the NW/4 NW/4 (Unit D) of Section 25, Township 19 South, Range 30 East.

Colgate Production, LLC Case No. 24080 Exhibit A

- 6. The Wells will be completed in the Hackberry; Bone Spring NW pool (Code 97020).
- 7. The completed intervals of the Wells will be orthodox.
- 8. **Exhibit A-2** contains the C-102 for the Wells.
- 9. **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. All of the parties are locatable in that Colgate believes it located valid addresses for them.
- 10. Colgate has conducted a diligent search of all county public records, including phone directories and computer databases, as well as internet searches, to locate the interest owners it seeks to pool.
- 11. **Exhibit A-4** contains a sample well proposal letter that was sent to interest owners for the Wells. The estimated costs reflected on the AFE are fair and reasonable and comparable to the cost of other wells of similar depth and length drilled in the subject formation in the area.
- 12. 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**.
- 13. Colgate requests that Permian Resources Operating, LLC ("Permian Resources") be designated operator of the Wells and the Unit. Colgate also requests that the Division authorize Permian Resources to recover overhead and administrative rates of \$10,000 per month while the Wells are being drilled, and \$1,000 per month while the Wells are producing. These rates are fair and are comparable to the rates charged by Permian Resources and other operators in the vicinity.
- 14. The attached exhibits were either prepared by me or under my supervision or were compiled from company business records.

- 15. 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.
- 16. 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.

Mason Maxwell

Many Macmel

12/12/23 Date STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION

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

CASE NO. 24080

APPLICATION

Pursuant to NMSA § 70-2-17, Colgate Production, LLC ("Applicant") applies for an order pooling all uncommitted interests in the Bone Spring formation underlying a 318.59-acre, more or less, standard horizontal spacing unit comprised of the N/2 N/2 of Section 25, Township 19 South, Range 30 East, and the N/2 N/2 of irregular Section 30, Township 19 South, Range 31 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 Mojo 30-25 Fed Com 111H, Mojo 30-25 Fed Com 121H, and Mojo 30-25 Fed Com 131H wells ("Wells"), which will be drilled from surface hole locations in the SE/4 NE/4 (Unit H) of Section 30, Township 19 South, Range 31 East, to bottom hole locations in the NW/4 NW/4 (Unit D) of Section 25, Township 19 South, Range 30 East.
 - 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.
- 5. The pooling of uncommitted interests will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

Colgate Production, LLC Case No. 24080 Exhibit A-1 6. In order to allow Applicant to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in the Unit should be pooled and Permian Resources Operating, LLC (OGRID No. 372165) should be designated the operator of the Wells and the Unit.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on January 4, 2024, and, after notice and hearing as required by law, the Division enter an order:

- A. Pooling all uncommitted interests in the Unit;
- B. Approving the Wells in the Unit;
- C. Designating Permian Resources Operating, LLC as the operator of the Unit and the
 Wells to be drilled thereon;
- D. Authorizing Permian Resources Operating, LLC 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% charge for the risk assumed by Permian Resources Operating,

 LLC 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 Production, LLC and

Permian Resources Operating, LLC

Application of Colgate Production, LLC for Compulsory Pooling, Eddy County, New Mexico. Applicant applies for an order pooling all uncommitted interests in the Bone Spring formation underlying a 318.59-acre, more or less, standard horizontal spacing unit comprised of the N/2 N/2 of Section 25, Township 19 South, Range 30 East, and the N/2 N/2 of irregular Section 30, Township 19, Range 31 East, Eddy County, New Mexico ("Unit"). The Unit will be dedicated to the **Mojo 30-25 Fed Com 111H**, **Mojo 30-25 Fed Com 121H**, and **Mojo 30-25 Fed Com 131H** wells ("Wells"), which will be drilled from surface hole locations in the SE/4 NE/4 (Unit H) of Section 30, Township 19 South, Range 31 East, to bottom hole locations in the NW/4 NW/4 (Unit D) of Section 25, Township 19 South, Range 30 East. The completed intervals of the Wells will be orthodox. Also to be considered will be the cost of drilling and completing the Wells and the allocation of the costs, the designation of Permian Resources Operating LLC as operator of the Wells, and a 200% charge for the risk involved in drilling and completing the Wells. The Wells are located approximately 21 miles northeast of Carlsbad, New Mexico.

🖒 = LEASE PENETRATION POINT.

= FIRST TAKE POINT.

10007

= SURFACE HOLE LOCATION.

O = LAST TAKE POINT/ BOTTOM HOLE LOCATION. ▲ = SECTION CORNER LOCATED

= LEASE LINE.

lines are perpendicular. Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)

NOTE:

 Distances referenced on plat to section

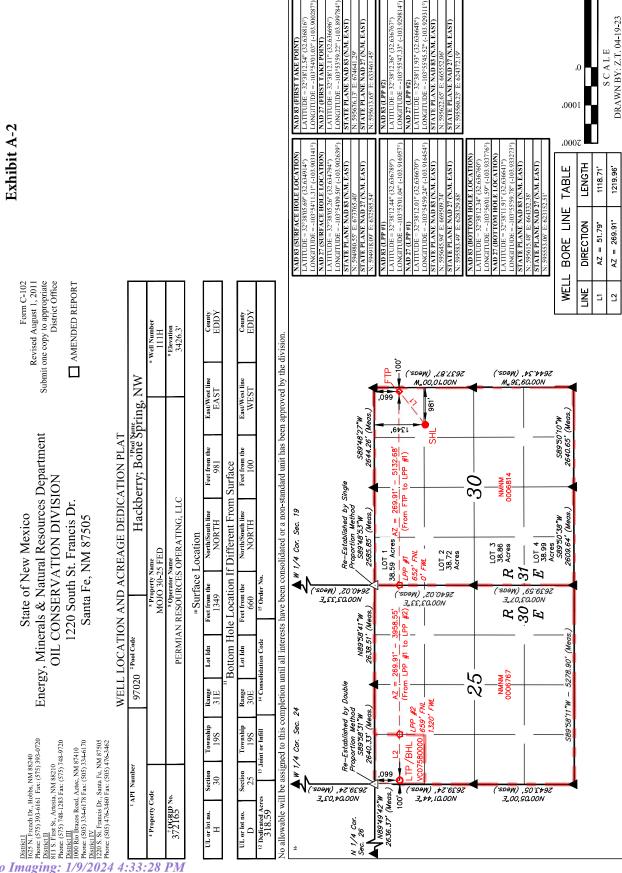
ONA!

Colgate Production, LLC Case No. 24080

Received by OCD:

I hereby certify that the information contains.) Hereby certify that the information contains. There is run and complete to the best of my knowledge and held, and that this contains in our or working interest of andexed mineral interest in the land including the proposed bostom hole location or has a larget to drill this well at this become passau. To a contract with an owner of such a mineral or contract with an owner of such a mineral convoking interest, or to a voluturary pooling, agreement or a company pooling order theretigine entered by the drivion.

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.

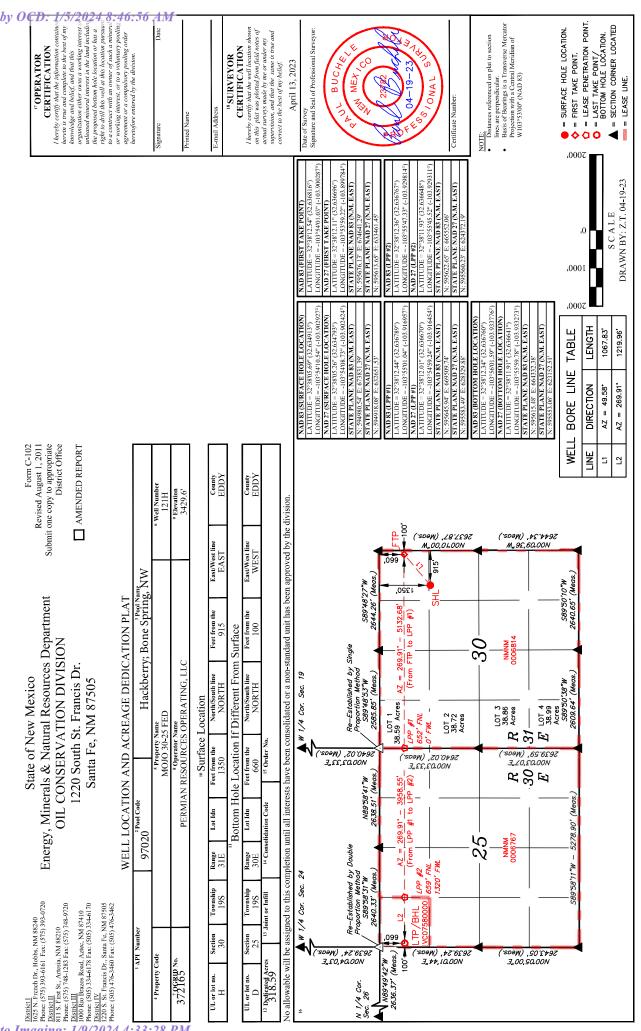
CERTIFICATION

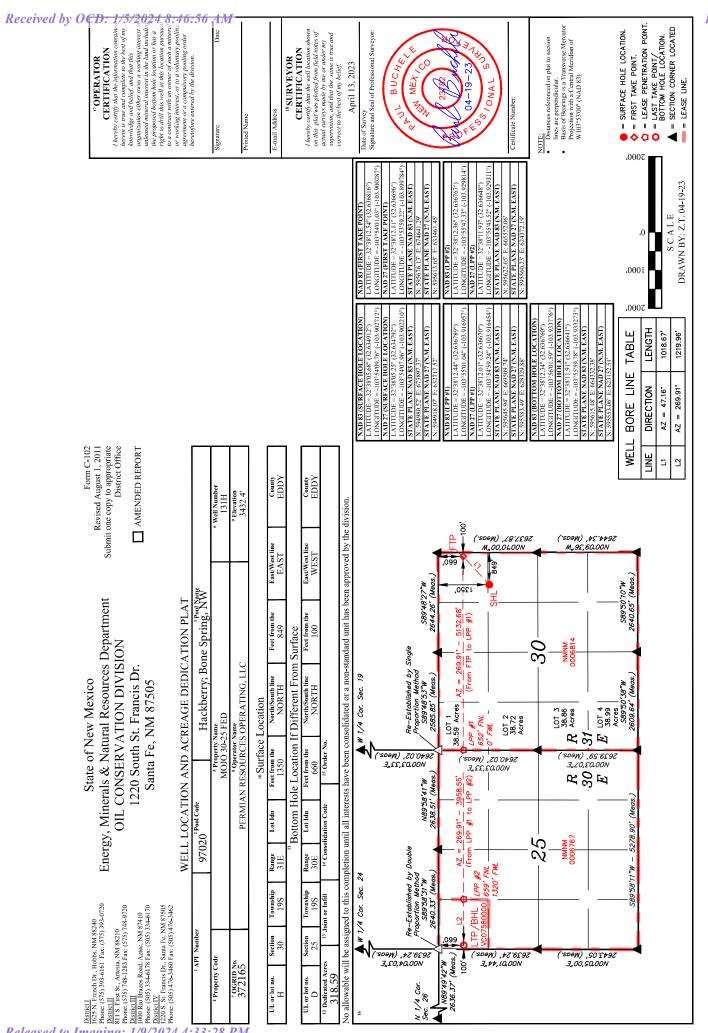
*SURVEYOR

Date of Survey Signature and Seal of Professional Surveyor:

April 13, 2023

BUCHE





Land Exhibit: Mojo 25-30 Fed Com #111H, #121H, #131H

N/2N/2 of Sections 25 & 30, T19S-R30E, T19S-R31E, Eddy Co., NM

N/2N/2

VC-0758-0000
Colgate
Operating, LLC
Section 25

NMNM-06767
RKI Exploration & Production, LLC
NMNM-06814
EOG Resources, Inc.
Kash Operating, LLC
Section 30

N/2N/2

Mojo 30-25 #111H, #121H & #131H
on 25

Section 30

		Documents Sent		ent	
Owner	Pooling?	Proposal	JOA	Com Agmt	Notes
Colgate Operating/Production, LLC	N/A	N/A	N/A	N/A	
Occidental Permian Limited	Υ	Υ	Υ	Υ	
Estate of F. Howard Walsh, Jr.	Υ	Υ	Υ	Υ	
Lindys Living Trust	Υ	Υ	Υ	Υ	
Delmar Hudson Lewis Living Trust	Υ	Υ	Υ	Υ	
Estate of Edward R. Hudson, Jr.	N	Υ	Υ	Υ	Executed all docs
Frost Bank, Trustee of the Josephine T. Hudson Testamentary Trust FBO J. Terrell Ard	Y	Y	Y	Y	
Javelina Partners Zorro Partners, LTD.					Executed all docs Executed all docs
EOG Resources, Inc.	γ	γ	Υ	γ	Executed all docs
Cannon Exploration Company	Y	Y	Y	Y	
The Roger T. & Holly L. Elliot Family Limited Partnership, LP	Y	Y	Y	Y	
PBEX, LLC	Υ	Υ	Υ	Υ	

Leasehold	d Ownership	
Owner	Section 25: NW/4NW/4	
Colgate Operating, LLC	100.000000%	
Leasehold	d Ownership	
Owner	Section 25: NE/4NW/4	
Colgate Production, LLC	71.315300%	
Occidental Permian Limited		
Partnership	10.758600%	
Estate of F. Howard Walsh, Jr.	3.683400%	
Lindys Living Trust	3.498200%	
Delmar Hudson Lewis Living Trust	3.498200%	
Estate of Edward R. Hudson, Jr.	d R. Hudson, Jr. 3.748100%	
Frost Bank, Trustee of the		
Josephine T. Hudson		
Testamentary Trust FBO J. Terrell		
Ard	0.583000%	
Javelina Partners	0.583000%	
Zorro Partners, LTD.	2.332100%	

Leasehold Ownership		
Owner	Section 25: N/2NE/4	
Colgate Production, LLC	52.198300%	
Occidental Permian Limited		
Partnership	17.932800%	
Estate of F. Howard Walsh, Jr.	6.128000%	
Lindys Living Trust	5.831000%	
Delmar Hudson Lewis Living Trust	5.831000%	
Frost Bank, Trustee of the		
Josephine T. Hudson		
Testamentary Trust FBO J. Terrell		
Ard	0.971800%	
Javelina Partners	7.218800%	
Zorro Partners, LTD.	3.887300%	

Owner	Section 30: N/2N/2
Colgate Production, LLC	44.956193%
EOG Resources, Inc.	20.000000%
Occidental Permian Limited	100000000000000000000000000000000000000
Partnership	14.344800%
Estate of F. Howard Walsh, Jr.	3.683400%
Lindys Living Trust	3.498206%
Delmar Hudson Lewis Living Trust	3.498206%
Frost Bank, Trustee of the Josephine T. Hudson	
Testamentary Trust FBO J. Terrell	
Ard	0.583034%
Javelina Partners	4.331113%
Zorro Partners, LTD.	2.332138%
Cannon Exploration Company	1.386455%
The Roger T. & Holly L. Elliot	11111111111
Family Limited Partnership, LP	1.386455%

Partnership, LP	1.386455%
Unit Capitulation	
Owner	WI
Colgate Operating/Production, LLC	56.995131%
Occidental Permian Limited	
Partnership	12.994475%
Estate of F. Howard Walsh, Jr.	3.834792%
Lindys Living Trust	3.644774%
Delmar Hudson Lewis Living Trust	3.644774%
Estate of Edward R. Hudson, Jr.	0.470586%
Frost Bank, Trustee of the	
Josephine T. Hudson	
Testamentary Trust FBO J. Terrell	
Ard	0.607450%
Javelina Partners	4.041857%
Zorro Partners, LTD.	2.429837%
EOG Resources, Inc.	9.955742%
Cannon Exploration Company	0.690159%
The Roger T. & Holly L. Elliot	
Family Limited Partnership, LP	0.690159%
PBEX, LLC	0.000264%
TOTAL	100.000000%

Colgate Production, LLC Case No. 24080 Exhibit A-3



300 N. MARIENFELD STREET, SUITE 1000 MIDLAND, TX 79701

OFFICE 432.695.4222 **FAX** 432.695.4063

October 30, 2023 Via Certified Mail

PBEX, LLC 223 West Wall Street, Suite. 900 Midland, Texas 79701

RE: Well Proposals – Mojo 30-25 Fed Com 111H, 121H & 131H Proposal

N2N2 of Section 25, T19S-R30E and Section 30, T19S-R31E

Eddy County, New Mexico

To Whom It May Concern:

Permian Resources Operating, LLC ("Permian"), as operator for Colgate Production, LLC, hereby proposes the drilling and completion of the following three (3) wells, the Mojo 30-25 Federal Com wells at the following approximate locations within Township 19 South, Range 31 East, Eddy Co., NM:

Please note that the three wells here cover the N2N2 of the aforementioned sections and will be co-developed with the S2N2. Rationale for not proposing the S2N2 wells at this time is due to the fact that they fall under that certain existing joint operating agreement dated August 1, 1973 between Julian Ard, as Operator and Gulf Oil Company, et al as Non-Operators (the North Hackberry Working Interest Unit). If you need more information on this existing Joint Operating Agreement, please do not hesitate to reach out.

1. Mojo 30-25 Federal Com 111H

SHL: 1,349' FNL & 981' FEL of Section 30 (or at a legal location within Unit H)

BHL: 100' FWL & 660' FNL of Section 25 FTP: 100' FEL & 660' FNL of Section 30 LTP: 100' FWL & 660' FNL of Section 30

TVD: Approximately 7,906'
TMD: Approximately 18,191'
Target Interval: 1st Bone Spring

Proration Unit: N2N2 of Sections 25 & 30

Total Cost: See attached AFE

2. Mojo 30-25 Federal Com 121H

SHL: 1,350' FNL & 915' FEL of Section 30 (or at a legal location within Unit H)

BHL: 100' FWL & 660' FNL of Section 25 FTP: 100' FEL & 660' FNL of Section 30 LTP: 100' FWL & 660' FNL of Section 30

TVD: Approximately 8,905'
TMD: Approximately 19,190'
Target Interval: 2nd Bone Spring

Proration Unit: N2N2 of Sections 25 & 30

Total Cost: See attached AFE

Colgate Production, LLC Case No. 24080 Exhibit A-4



300 N. MARIENFELD STREET, SUITE 1000 MIDLAND. TX 79701

OFFICE 432.695.4222 **FAX** 432.695.4063

3. Mojo 30-25 Federal Com 131H

SHL: 1,350' FNL & 915' FEL of Section 30 (or at a legal location within Unit H)

BHL: 100' FWL & 660' FNL of Section 25 FTP: 100' FEL & 660' FNL of Section 30 LTP: 100' FWL & 660' FNL of Section 30

TVD: Approximately 9,832'
TMD: Approximately 20,117'
Target Interval: 3rd Bone Spring

Proration Unit: N2N2 of Sections 25 & 30

Total Cost: See attached AFE

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

- 100%/300%/300% non-consent provisions
- \$10,000/\$1,000 drilling and producing rates
- Permian Resources Operating, LLC named as Operator

Please indicate your election to participate in the drilling and completion of the proposed wells on the enclosed ballot. Please sign and return one copy of this letter, signed copies of the proposed AFEs, a signed copy of the enclosed 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, Permian will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into spacing units for the proposed wells. If you do not wish to participate, Permian would be interested in acquiring your interest in the subject lands which is subject to further mutually agreeable negotiation.

Please further note that it is the intention of Colgate Production, LLC to relinquish all interest in this unit unto its parent company, Permian Resources Operating, LLC in the near future.

Thank you for your time and consideration, if you have any questions at all, please don't hesitate to contact me at 432.400.0188 or by email at mason.maxwell@permianres.com

Respectfully,

Mason Maxwell Landman

Long Macmel

Enclosures

ELECTIONS ON PAGE TO FOLLOW.



300 N. MARIENFELD STREET, SUITE 1000 MIDLAND, TX 79701

OFFICE 432.695.4222 **FAX** 432.695.4063

Mojo 30-25 Fed Com Elections:

(Please indicate y	Well Elections: your responses in the sp	paces below)
Well(s)	Elect to Participate	Elect to <u>NOT</u> Participate
Mojo 30-25 Fed Com 111H		
Mojo 30-25 Fed Com 121H		
Mojo 30-25 Fed Com 131H		

Company Name (If Applicable):	
Ву:	
Printed Name:	
Date:	



300 N. MARIENFELD STREET, SUITE 1000 MIDLAND, TX 79701

OFFICE 432.695.4222 **FAX** 432.695.4063

Participate / Rejection Declaration

Please return this page to Permian Resources Operating, LLC ("Permian") 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 Permian, then, to the extent that Permian has an obligation to secure any such insurance on your behalf under any applicable agreements or otherwise, Permian will be relieved of such obligation, and Permian 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 Permian Resources Operating, LLC and understand that I will be charged for such participation.
- I hereby elect to reject the insurance coverage arranged by Permian Resources Operating, LLC.

Company Name (If Applicable):
Ву:
Printed Name:
Date:

Permian Resources Operating, LLC

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:	9.1.23			AFE NO.:	1
WELL NAME:	Mojo 30-25 Federal Com	11111			ickberry; Bone Spring, NW
	Section 30, T19S-R31E	11111			
LOCATION:				MD/TVD:	18,191' / 7,906'
COUNTY/STATE:	Eddy Co., NM			LATERAL LENGTH:	10,000'
Permian WI:	EDGG			DRILLING DAYS:	19.0
GEOLOGIC TARGET:	FBSG			COMPLETION DAYS:	19
REMARKS:	Drill a horizontal FBSG w install cost	ell and complete with	1 44 stages. AFE includes	s drilling, completions, flo	wback and Initial AL
KEMAKKS.	nistan cost				
		DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
INTANGIBLE T Land / Legal / Regulatory		51,266	C0313	C0313	\$ 51,266
2 Location, Surveys & Dam		250,035	15,681	12,063	277,779
4 Freight / Transportation	-	38,998	36,489	-	75,487
5 Rental - Surface Equipme	nt -	102,238	185,401	7,382	295,021
6 Rental - Downhole Equipment		165,326	42,958	-	208,284
7 Rental - Living Quarters		39,992	52,412	-	92,403
10 Directional Drilling, Sur 11 Drilling	veys -	338,122 657,836	-		338,122 657,836
12 Drill Bits	-	99,733		 _	99,733
13 Fuel & Power	-	163,984	649,262		813,245
14 Cementing & Float Equip	-	227,007	-	-	227,007
15 Completion Unit, Swab,		-	-	14,475	14,475
16 Perforating, Wireline, Sli 17 High Pressure Pump Tru		-	363,715	21,713	385,427
18 Completion Unit, Swab,			106,994 111,246		106,994 111,246
20 Mud Circulation System		90,820	-	-	90,820
21 Mud Logging	-	16,109	-	-	16,109
22 Logging / Formation Eva	luation	6,261	7,238	<u> </u>	13,498
23 Mud & Chemicals		300,667	365,016	-	665,683
24 Water	-	51,145	591,995 709,949	-	643,140
25 Stimulation 26 Stimulation Flowback &	Disp	-	709,949	-	709,949 123,188
28 Mud / Wastewater Dispo		189,364	53,075	-	242,439
30 Rig Supervision / Engine		104,534	123,128	5,790	233,451
32 Drlg & Completion Over	•	9,047			9,047
35 Labor		142,055	60,313	24,125	226,493
54 Proppant	-	- 10.010	1,072,242	-	1,072,242
95 Insurance 97 Contingency	-	10,818	21,298	8,555	10,818 29,853
99 Plugging & Abandonme	nt -	-			-
00 0	TOTAL INTANGIBLES >	3,055,355	4,691,598	94,102	7,841,056
	TOTAL INTRINCIPLES				
TANGIBLE	COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
60 Surface Casing	\$	41,498	_	-	\$ 41,498
61 Intermediate Casing	· -	78,891	-	-	78,891
62 Drilling Liner	-	140,411	-	-	140,411
63 Production Casing		537,994	-	-	537,994
64 Production Liner	<u> </u>	-	-	-	
65 Tubing 66 Wellhead	-	- 92 111		66,344	66,344
67 Packers, Liner Hangers	-	12,786		9,047	21,833
68 Tanks	-	-		19,903	19,903
69 Production Vessels	-	-	-	-	-
70 Flow Lines		=		15,078	15,078
71 Rod string		-	-	49.250	49.25.0
72 Artificial Lift Equipment 73 Compressor	•	 _		48,250 51,266	48,250 51,266
74 Installation Costs	-			-	-
75 Surface Pumps	-	-	-	6,031	6,031
76 Downhole Pumps	-	-	-	-	
77 Measurement & Meter Ir		-	-	25,331	25,331
78 Gas Conditioning / Dehy		-	-	-	-
79 Interconnecting Facility 1 80 Gathering / Bulk Lines	- iping	 _			
81 Valves, Dumps, Controll	lers	-			
82 Tank / Facility Containm					
83 Flare Stack	-	<u> </u>		<u> </u>	
84 Electrical / Grounding		-	-	66,344	66,344
85 Communications / SCAD	_	<u> </u>		-	
86 Instrumentation / Safety	TOTAL TANGIBLES >	894,692	- 0	369,354	1,264,045
	TOTAL COSTS >	3,950,047	4,691,598	463,456	9,105,101
	101AL C0313 >	3,330,047	1,071,370	403/430	9,103,101
EPARED BY Permian Res	courses Operating IIC:				
LI I TEIRIIAN NES	ovareco Operannig, EEC.				
Drilling Enginee	er: PS				
Completions Enginee					
Production Enginee					
rmian Resources Operatir	ng, LLC APPROVAL:				
	10		70		
Co-CE		Co-C		VP - Opera	
	WH		JW		CRM
VP - Land & Leg		VP - Geoscien			
	BG		SO		
ON OPERATING PARTN	ER APPROVAL:				
			Marking Interest (0/)	·	v ID:
Company Nam	ne:	<u></u>	Working Interest (%):	Ta:	x ID:
Signed b	y:		Date:		
		,			
Titl	le:		Approval:	Yes	No (mark one)

proportionate share of actual costs incurred, including, legal, curative, regulatory, brokerage and well costs under the terms of the applicable joint operating agreement, regulatory order or other agreement covering this well. Participants shall be covered by and billed proportionately for Operator's well control and general liability insurance unless participant provides Operator a certificate evidencing its own insurance in an amount acceptable to the Operator by the date of spud.

Permian Resources Operating, LLC

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		F COSTS AND AUTHO	JALLITION FOR EXILEN		1
DATE:	9.1.23	12111		AFE NO.:	1
WELL NAME:	Mojo 30-25 Federal Com	12111			ackberry; Bone Spring, NW
LOCATION:	Section 30, T19S-R31E			MD/TVD:	19,190' / 8,905'
COUNTY/STATE:	Eddy Co., NM			LATERAL LENGTH:	10,000'
Permian WI:				DRILLING DAYS:	19.0
GEOLOGIC TARGET:	SBSG			COMPLETION DAYS:	19
REMARKS:	Drill a horizontal SBSG winstall cost	rell and complete with	44 stages. AFE include	s drilling, completions, flo	wback and Initial AL
INTANGIBLE	COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
1 Land / Legal / Regulatory	\$	53,125	-	-	\$ 53,125
2 Location, Surveys & Damas	ges	259,104	16,250	12,500	287,854
4 Freight / Transportation 5 Rental - Surface Equipmen	t -	40,413 105,946	37,813 192,125	7,650	78,225 305,721
6 Rental - Downhole Equipm		171,323	44,516	-	215,838
7 Rental - Living Quarters	•	41,442	54,313	-	95,755
10 Directional Drilling, Surv	eys	350,385	-	_	350,385
11 Drilling 12 Drill Bits		681,696 103,350			681,696 103,350
13 Fuel & Power	•	169,931	6/2,810		842,741
14 Cementing & Float Equip		235,241		-	235,241
15 Completion Unit, Swab, C		-	276 006	15,000 22,500	15,000 399,406
16 Perforating, Wireline, Slic 17 High Pressure Pump Truc		-	376,906 110,875	- 22,300	110,875
18 Completion Unit, Swab, C		_	115,281		115,281
20 Mud Circulation System	•	94,114		-	94,114
21 Mud Logging	uation	16,693	- '7 LIM		16,693
22 Logging / Formation Evalu 23 Mud & Chemicals		6,488 311,572	7,500 378,255		13,988
24 Water	•	53,000	613,467	-	666,467
25 Stimulation	·	-	735,698		735,698
26 Stimulation Flowback & I	-	102 222	127,656 55,000		127,656 251,233
28 Mud / Wastewater Dispos 30 Rig Supervision / Enginee		196,233 108,325	127,594	6,000	241,919
32 Drlg & Completion Overh	-	9,375	-	-	9,375
35 Labor	• -	147,208	62,500	25,000	234,708
54 Proppant		- 11 210	1,111,131	-	1,111,131
95 Insurance 97 Contingency		11,210	22,071	8,865	30,936
99 Plugging & Abandonmen	t ·	-		-	-
	TOTAL INTANGIBLES >	3,166,171	4,861,760	97,515	8,125,446
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE C	OSTS	COSTS	COSTS	COSTS	COSTS
60 Surface Casing	\$	43,003	-	-	\$ 43,003
61 Intermediate Casing	•	81,753			81,753
62 Drilling Liner	•	145,504			145,504
63 Production Casing 64 Production Liner	•	557,507	-	-	557,507
65 Tubing	•		-	68,750	68,750
66 Wellhead	•	86,125	-	64,000	150,125
67 Packers, Liner Hangers 68 Tanks		13,250		9,375 20,625	22,625
69 Production Vessels	•	<u> </u>	-	20,025	20,625
70 Flow Lines	•		-	15,625	15,625
71 Rod string	•	-	-	-	
72 Artificial Lift Equipment	•			50,000 53,125	50,000
73 Compressor 74 Installation Costs				53,125	53,125
75 Surface Pumps	•		-	6,250	6,250
76 Downhole Pumps		-	-	-	
77 Measurement & Meter Ins 78 Gas Conditioning / Dehyo				26,250	26,250
79 Interconnecting Facility P					
80 Gathering / Bulk Lines	•	-	-		-
81 Valves, Dumps, Controlle		-		-	
82 Tank / Facility Containme 83 Flare Stack	ent	-			
84 Electrical / Grounding		-		68,750	68,750
85 Communications / SCAD	A	-		-	
86 Instrumentation / Safety	•	-	-	-	-
	TOTAL TANGIBLES >	927,142	0	382,750	1,309,892
REPARED BY Permian Reso	TOTAL COSTS >	3,274,650	3,889,408	384,212	9,435,338
Drilling Engineer					
Completions Engineer					
Production Engineer	TD				
rmian Resources Operating	g, LLC APPROVAL:				
Co-CEC	D	Co-C	EO	VP - Opera	itions
	WH		JW	•	CRM
VP - Land & Lega	BG BG	VP - Geoscien	SO		
ONI ODED ATTRIO DADTE	ED ADDDOWAL.				
ON OPERATING PARTNE	EN ALL NOVAL:				
Company Name	2:		Working Interest (%):	Та	ax ID:
Signed by	<i>7</i> :		Date:		
Signed by	7: 		Date.		
Title	2:		Approval:	Yes	No (mark one)

The costs on this AFE are estimates only and may not be construed as ceilings on any specific item or the total cost of the project. Tubing installation approved under the AFE may be delayed up to a year after the well has been completed. In executing this AFE, the Participant agrees to pay its proportionate share of actual costs incurred, including, legal, curative, negulatory, brokerage and well costs under the terms of the applicable joint operating agreement, regulatory order or other agreement covering this well. Participants shall be covered by and billed proportionately for Operator's well

Permian Resources Operating, LLC

300 N. Marienfeld St., Ste. 1000 Midland, TX 79701 Phone (432) 695-4222 • Fax (432) 695-4063

ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

		, coolo in to inc	DRIZATION FOR EXPEN		
DATE:	9.1.23			AFE NO.:	1
WELL NAME:	Mojo 30-25 Federal Com	131H			ackberry; Bone Spring, NW
LOCATION:	Section 30, T19S-R31E			MD/TVD:	20,117' / 9,832'
COUNTY/STATE:	Eddy Co., NM			LATERAL LENGTH:	10,000'
Permian WI:				DRILLING DAYS:	19.0
GEOLOGIC TARGET:	TBSG			COMPLETION DAYS:	19
REMARKS:	Drill a horizontal TBSG v install cost	vell and complete with	n 44 stages. AFE include	es drilling, completions, flo	owback and Initial AL
		DRILLING	COMPLETION	PRODUCTION	TOTAL
INTANGIBLE	COSTS	COSTS	COSTS	COSTS	COSTS
1 Land / Legal / Regulatory	\$	54,854 -	-		\$ 54,854
2 Location, Surveys & Dama	iges	267,538 -	16,779	- 12,907	297,223
4 Freight / Transportation 5 Rental - Surface Equipmer	nt	41,728 - 109,395 -	39,043	- - 7,899	80,771 315,673
6 Rental - Downhole Equipmen		176,899 -	45,965	- 7,899	222,864
7 Rental - Living Quarters		42,791 -	56,080	. 	98,871
10 Directional Drilling, Surv	veys	361,790 -	· 		361,790
11 Drilling		703,885 -	-		703,885
12 Drill Bits		106,714 -	-		106,714
13 Fuel & Power	_	175,463 -	694,710		870,172
14 Cementing & Float Equip 15 Completion Unit, Swab, (242,898 -	· ————	- 15,488	242,898 15,488
16 Perforating, Wireline, Slice		 .	389,175	- 23,232	412,407
17 High Pressure Pump True		- -	114,484		114,484
18 Completion Unit, Swab, (.	119,034	. 	119,034
20 Mud Circulation System		97,177 -	-		97,177
21 Mud Logging		17,236 -			17,236
22 Logging / Formation Eval	luation	6,699 -	7,744	-	14,443
23 Mud & Chemicals		321,713 -	390,567		712,280
24 Water 25 Stimulation		54,725	633,435	·	688,160 759,645
26 Stimulation Flowback &	Disp	<u> </u>	759,645	· — ·	131,811
28 Mud / Wastewater Dispos	_	202,620 -	56,790	· — ·	259,410
30 Rig Supervision / Engine		TT1,851 -	131,747	- 6,195	249,793
32 Drlg & Completion Overl	_	9,680 -	. — -		9,680
35 Labor		151,999 -	64,534	- 25,814	242,347
54 Proppant			1,147,298		1,147,298
95 Insurance		11,575 -	-	-	11,575
97 Contingency	-4	<u> </u>	22,789	- 9,154	31,943
99 Plugging & Abandonmer			·		
	TOTAL INTANGIBLES >	3,269,230	5,020,010	100,689	8,389,930
TANGIBLE (COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
60 Surface Casing	\$	44,403 -	-		\$ 44,403
61 Intermediate Casing		84,414 -	-		84,414
62 Drilling Liner		150,240 -	-	-	150,240
63 Production Casing		575,654 -	· <u>-</u>		575,654
64 Production Liner 65 Tubing		 :	·	- 70,988	70,988
66 Wellhead		 88,928 -	· 	- 66,083	155,012
67 Packers, Liner Hangers		13,681 -	. 	- 9,680	23,361
68 Tanks			-	- 21,296	21,296
69 Production Vessels			. 		
70 Flow Lines			-	- 16,134	16,134
71 Rod string			-		-
72 Artificial Lift Equipment		<u> </u>	-	- 51,628	51,628
73 Compressor			· <u>-</u>	- 54,854	54,854
74 Installation Costs 75 Surface Pumps			· — -	- 6,453	6,453
76 Downhole Pumps		 :	· 	- 0,455	-
77 Measurement & Meter In	stallation	 .	. 	- 27,104	27,104
78 Gas Conditioning / Dehy			-	<u> </u>	
79 Interconnecting Facility P	Piping		-		-
80 Gathering / Bulk Lines			· <u> </u>		
81 Valves, Dumps, Controlle			-		-
82 Tank / Facility Containme	ent				
83 Flare Stack 84 Electrical / Grounding			·	- 70,988	70,988
85 Communications / SCAD)A	 -	· 	- 70,966	70,200
86 Instrumentation / Safety				· —	
,	TOTAL TANGIBLES >	957,320	0	395,209	1,352,528
	TOTAL COSTS >	4,226,550	5,020,010	495,898	9,742,458
EPARED BY Permian Res					
Drilling Enginee					
Completions Enginee					
Production Enginee	er: TD				
mian Resources Operatin	g, LLC APPROVAL:				
	_				
Co-CE		Co-C	EO	VP - Opera	
	WH		JW		CRM
VP - Land & Lega	al BG	VP - Geoscien	SO		
ON OPERATING PARTNI	ER APPROVAL:				
Company Name	e:		Working Interest (%):	Ta	x ID:
			6		
Signed by	y:		Date:		
Title	e:		Approval:	Yes	No (mark one)

proportionate share of actual costs incurred, including, legal, curative, regulatory, brokerage and well costs under the terms of the applicable joint operating agreement, regulatory order or other agreement covering this well. Participants shall be covered by and billed proportionately for Operator's well control and general liability insurance unless participant provides Operator a certificate evidencing its own insurance in an amount acceptable to the Operator by the date of spud.



Mojo N/2N/2 - Chronology of Communication

November 1, 2023 – Well proposals sent to all parties.

November 6, 2023 – Correspondence with Oxy

November 8, 2023 - Correspondence with Edward V. Hudson IV (Javelina, Edward R. Hudson, and Zorro Partners interest)

November 20, 2023 - Correspondence with Lindys Living Trust

November 21, 2023 – Correspondence with Oxy

December 6, 2023 - JOAs & Com Agreements sent to all parties.

Colgate Production, LLC Case No. 24080 Exhibit A-5

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

APPLICATION OF COLGATE PRODUCTION, LLC FOR COMPULSORY POOLING AND APPROVAL OF A STANDARD SPACING UNIT, EDDY COUNTY, NEW MEXICO.

CASE NOS. 24080

SELF-AFFIRMED STATEMENT OF CHRISTOPHER CANTIN

- 1. I am a geologist with Permian Resources Operating, LLC ("Permian Resources"). I am over 18 years of age, 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 geology were accepted and made a matter of record.
 - 2. I am familiar with the geological matters that pertain to the above-referenced cases.
- 3. **Exhibit B-1** is a regional locator map that identifies the Mojo project area, in proximity to the Capitan Reef within the Delaware Basin, for the Bone Spring horizontal spacing units that are the subject of this application.
- 4. **Exhibit B-2** is a cross section location map for the proposed horizontal spacing units ("Units") within the Bone Spring formation. The approximate wellbore paths for the proposed **Mojo 30-25 Fed Com 111H**, **Mojo 30-25 Fed Com 121H**, and **Mojo 30-25 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 wells name and a black line in proximity to the proposed Wells. The pooling units area is defined by blue boxes and are labeled with their respective case numbers.

Colgate Production, LLC Case No. 24080 Exhibit B Released to Imaging: 1/9/2024 4:33:28 PM

Received by OCD: 1/5/2024 8:46:56 AM

- 5. **Exhibit B-3** is a Subsea Structure map on the base of the FBSG Bone Spring formation in TVD subsea with a contour interval of 50 ft. The map identifies the approximate wellbore paths for the proposed Wells with a green dashed line. It also identifies the location of the cross-section running from A-A' in proximity to the proposed Wells. The data points are indicated by red stars. 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 Subsea 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 paths for the proposed Wells with a orange dashed line. It also identifies the location of the cross-section running from A-A' in proximity to the proposed Wells. The data points are indicated by red stars. 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.
- 7. **Exhibit B-5** is a Subsea Structure map on the Third Bone Spring formation in TVD subsea with a contour interval of 50 ft. The map identifies the approximate wellbore paths for the proposed Wells with a red dashed line. It also identifies the location of the cross-section running from A-A' in proximity to the proposed Wells. The data points are indicated by red stars. 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** 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 zones for the Wells are labeled on the exhibit. The approximate well-paths for the proposed Wells are indicated by dashed lines with arrows indicating the drill direction across the unit. This cross-section demonstrates the target intervals are continuous across the Unit.

- 9. **Exhibit B-7** is a gun barrel diagram that shows the proposed Wells in the Bone Spring formation.
- 10. 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.
- 11. 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.
- 12. 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.
- 13. The exhibits attached hereto were either prepared by me or under my supervision or were compiled from company business records.
- 14. I understand this Self-Affirmed Statement will be used as written testimony in this case. I affirm my testimony above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date identified next to my signature below.

Christopher Cantin

12/22/2023

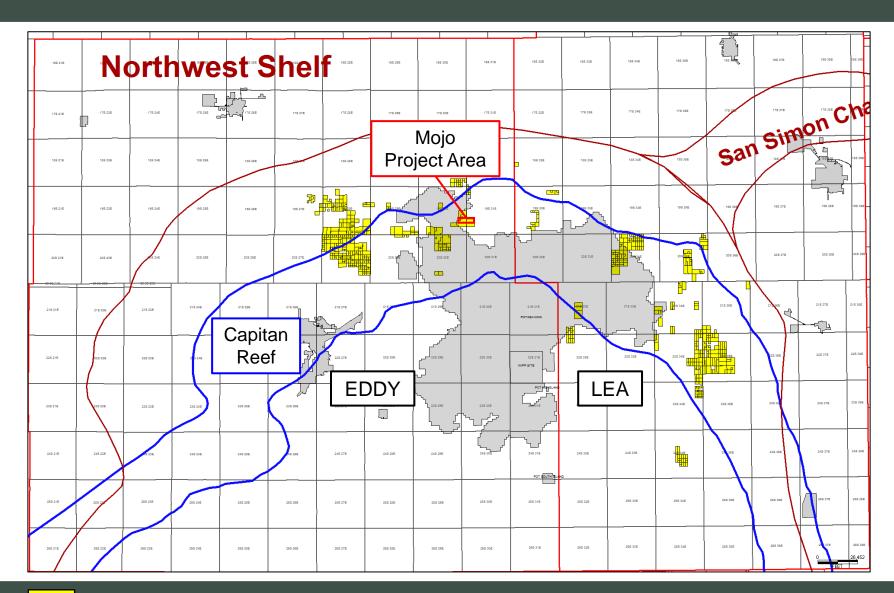
Released to Imaging: 1/9/2024 4:33:28 PM

Date

Regional Locator Map Mojo 30-25 Fed Com

Colgate Production, LLC Case No. 24080 Exhibit B-1

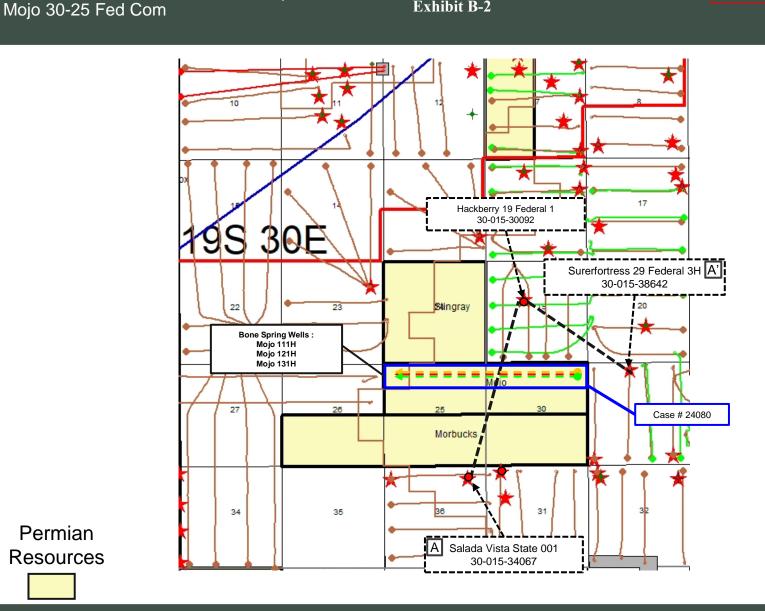




Cross-Section Locator Map

Case No. 24080 Exhibit B-2





Approximate Wellbore paths





FBSG

SBSG

TBSG

Control Wells



Permian Resources



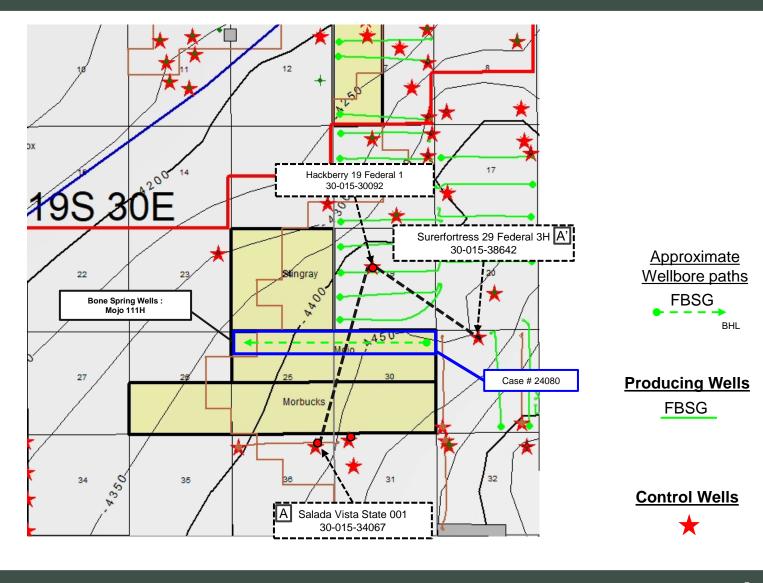
Mojo 30-25 Fed Com

First Bone Spring - Structure Map (50' CI)

Colgate Production, LLC Case No. 24080

Exhibit B-3

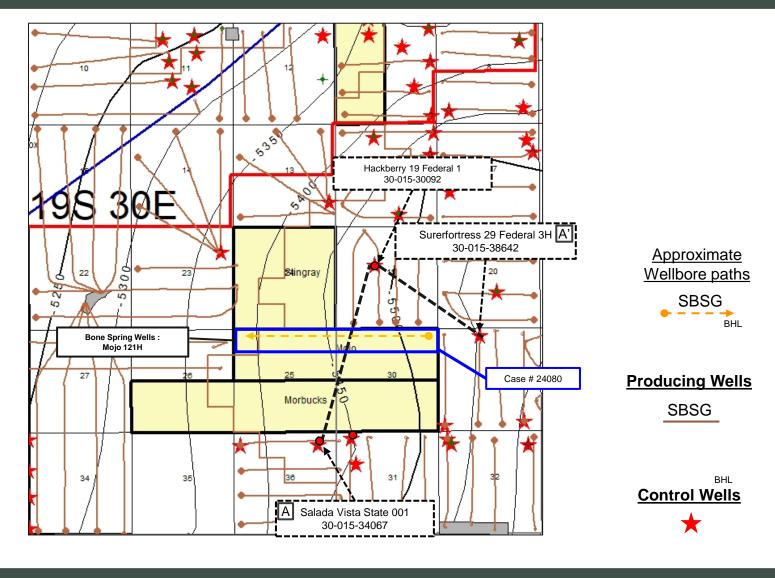




Permian

Resources

Base Second Bone Spring — Structure Map (50' CI) Mojo 30-25 Fed Com

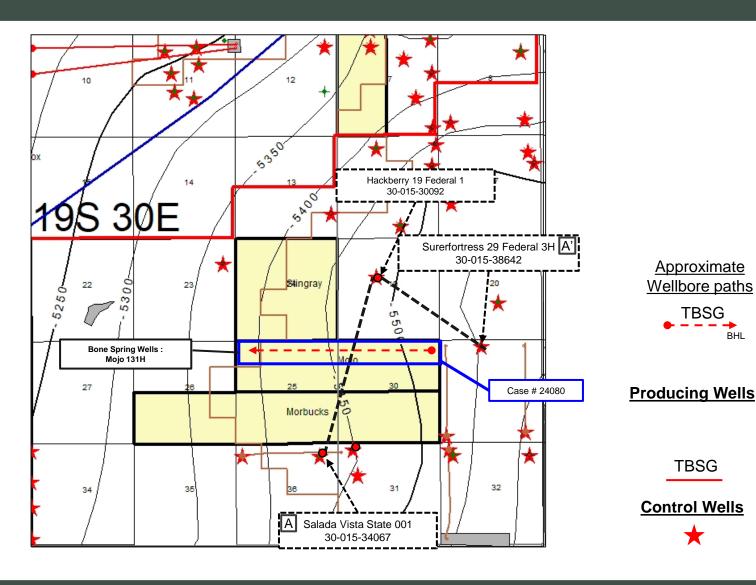


Permian Resources

Exhibit B-5



Top Third Bone Spring— Structure Map (50' C.I.) Mojo 30-25 Fed Com

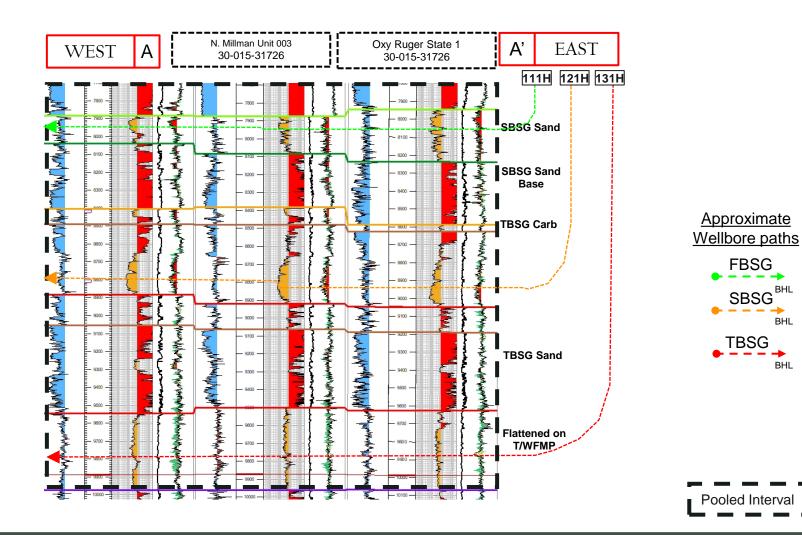


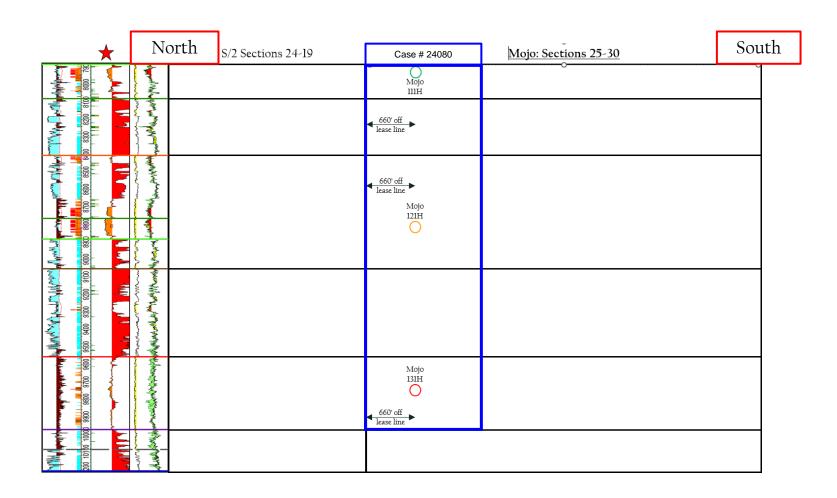
Permian Resources



Stratigraphic Cross-Section A-A' Mojo 30-25 Fed Com







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

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

CASE NO. 24080

SELF-AFFIRMED STATEMENT OF DANA S. HARDY

1. I am attorney in fact and authorized representative of Permian Resources Operating,

LLC, the Applicant herein.

2. I am familiar with the Notice Letter attached as **Exhibit C-1** and caused the Notice

Letters, along with the Application in this case, to be sent to the parties set out in the chart attached

as Exhibit C-2.

3. Exhibit C-2 also provides the date each Notice Letter was sent and the date each

return was received.

4. 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.

5. On December 13, 2023, 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**.

6. I understand this Self-Affirmed Statement will be used as written testimony in the

subject cases. I affirm that my testimony above is true and correct and it made under penalty of

perjury under the laws of the State of New Mexico. My testimony is made as of the date

handwritten next to my signature below.

<u>/s/ Dana S. Hardy</u>

Dana S. Hardy

January 1, 2024

Date

Colgate Production, LLC Case No. 24080 Exhibit C



HINKLE SHANOR LLP

ATTORNEYS AT LAW

P.O. BOX 2068

SANTA FE, NEW MEXICO 87504 505-982-4554 (FAX) 505-982-8623

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

December 11, 2023

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

TO ALL PARTIES ENTITLED TO NOTICE

Re: Case No. 24080 – Application of Colgate Production, 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 **January 4**, **2024**, beginning at 8:15 a.m.

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

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

If you have any questions about this application, please contact Mason Maxwell, New Mexico Landman, Permian Resources – 432-400-0188, mason.maxwell@permianres.com.

Sincerely,

/s/ Dana S. Hardy Dana S. Hardy

Enclosure

Colgate Production, LLC Case No. 24080 Exhibit C-1

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

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

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

CASE NO. 24080

NOTICE LETTER CHART

PARTY	NOTICE LETTER SENT	RETURN RECEIVED
Cannon Exploration Company	12/11/23	12/20/23
3608 South County Road		
Midland, TX 79706		Return to sender.
EOG Resources, Inc.	12/11/23	12/27/23
Attn: Land Dept		
5509 Champions Drive		
Midland, TX 79706		
Estate of Edward R Hudson	12/11/23	12/27/23
616 Texas Street		
Fort Worth, TX 76102		
Estate of Howard Walsh, Jr.	12/11/23	12/22/23
155 Walsh Drive		
Aledo, TX 76008		
Frost Bank, Trustee of the Josephine T.	12/11/23	Per USPS Tracking
Hudson Testamentary Trust FBO J.		(Last Checked 12/29/23):
Terrell Ard		,
PO Box 1600		12/17/23 – Item in transit
San Antonio, TX 78296		to next facility.
Francis H Hudson	12/11/23	Per USPS Tracking
Trustee of the Lindy's Living Trust uta		(Last Checked 12/29/23):
7/8/94		, ,
215 W. Bandera Road, Suite 114-620		12/14/23 – Delivered to
Boerne, TX 78006		individual at the address.
Javelina Partners	12/11/23	12/18/23
616 Texas Street		
Fort Worth, TX 76102		
Delmar Hudson Lewis	12/11/23	Per USPS Tracking
Trustee of the Delmar Hudson Lewis		(Last Checked 12/29/23):
Living Trust dtd 9/9/2002		,
6300 Ridglea Place, Suite 1005-A		12/28/23 – Item in transit
Fort Worth, TX 76116		to next facility.
Occidental Permian Limited Partnership	12/11/23	Per USPS Tracking
5 Greenwood Plaza, Suite 110		(Last Checked 12/29/23):
Houston, TX 77046		<u> </u>
		12/23/23 – Item being
		returned to sender.

Colgate Production, LLC Case No. 24080 Exhibit C-2

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

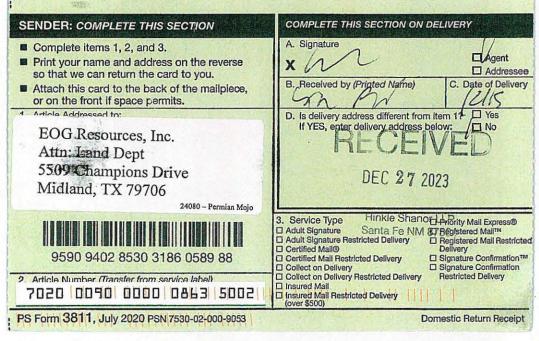
APPLICATION OF COLGATE PRODUCTION, LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

CASE NO. 24080

NOTICE LETTER CHART

PBEX LLC	12/11/23	12/18/23
223 West Wall Street, Suite 900		
Midland, TX 79701		
The Roger T. and Holly L. Elliot Family	12/11/23	12/28/23
Limited Partnership		
4105 Baybrook Drive		Return to sender.
Midland, TX 79707		
Zorro Partners, Ltd.	12/11/23	12/22/23
616 Texas Street		
Fort Worth, TX 76102		



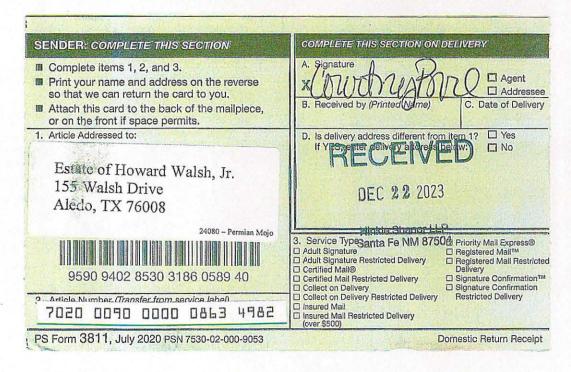


Colgate Production, LLC Case No. 24080 Exhibit C-3



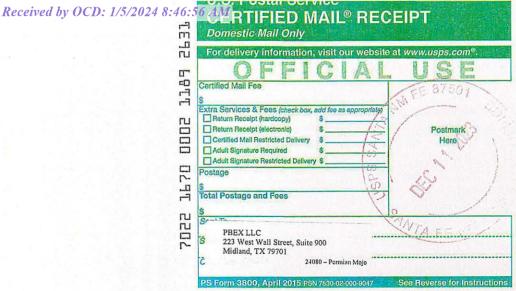


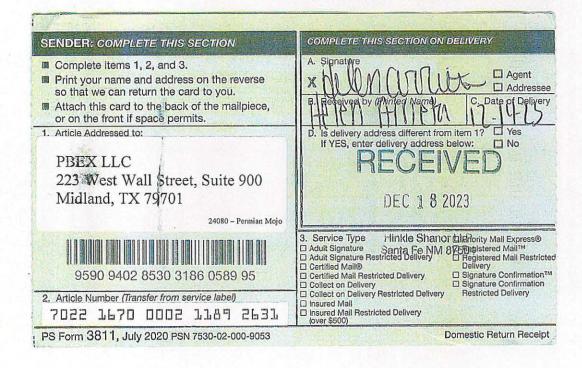
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0600	Certified Mail Restricted Delivery \$
7020	Sent To Si Estate of Howard Walsh, Jr. 155 Walsh Drive Aledo, TX 76008 C 24080 - Permian Mojo
	PS Form 3800, April 2015 PSN 7590-02-000-9047 See Reverse for Instructions

















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Hinkle Shanor LLP Santa Fe NM 87504



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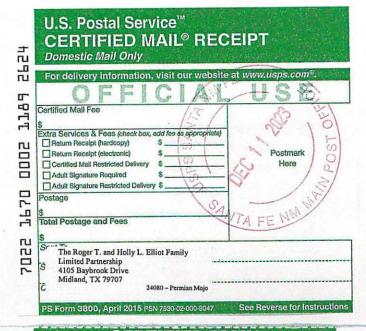
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HINKLE SHANOR LLP

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SANTA FE, NEW MEXICO 87504

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The Roger T. and Holly L. Elliot Family Limited Partnership 4105 Baybrook Drive

Midland, TX 7970

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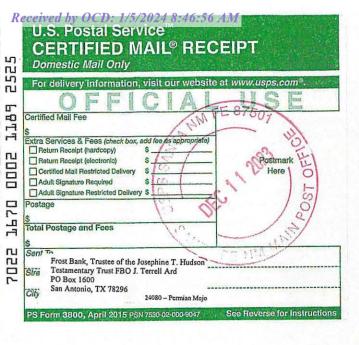
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Out for Delivery

Preparing for Delivery

Moving Through Network

In Transit to Next Facility

December 17, 2023

Arrived at USPS Regional Facility

SAN ANTONIO TX DISTRIBUTION CENTER December 13, 2023, 11:24 am

Departed USPS Facility

ALBUQUERQUE, NM 87101 December 12, 2023, 8:10 am

Arrived at USPS Facility

ALBUQUERQUE, NM 87101 December 12, 2023, 1:16 am Feedback

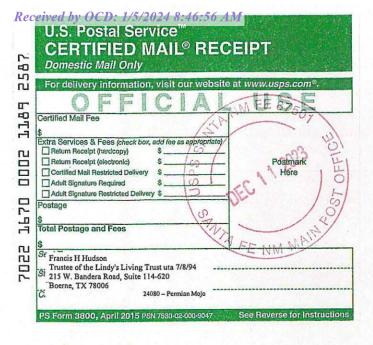
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Your item was delivered to an individual at the address at 10:16 am on December 14, 2023 in BOERNE, TX 78006.

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USPS Tracking Plus®

Delivered

Delivered, Left with Individual

BOERNE, TX 78006 December 14, 2023, 10:16 am

Arrived at USPS Regional Facility

SAN ANTONIO TX DISTRIBUTION CENTER December 13, 2023, 11:24 am

Departed USPS Facility

ALBUQUERQUE, NM 87101 December 12, 2023, 8:10 am

Arrived at USPS Facility

ALBUQUERQUE, NM 87101 December 12, 2023, 1:17 am

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707	Adult Signature Required \$
	Total Postage and Fees
LUEE	Sent To Delmar Hudson Lewis Trustee of the Delmar Hudson Lewis Living Trust dtd Stre 9972002 6300 Ridglea Place, Suite 1005-A City, Fort Worth, TX 76116 24080 - Permian Mojo

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USPS Tracking Plus®

Moving Through Network

In Transit to Next Facility

December 28, 2023

Arrived at USPS Regional Facility

COPPELL TX DISTRIBUTION CENTER December 20, 2023, 12:50 pm

Arrived at USPS Facility

FORT WORTH, TX 76116 December 15, 2023, 10:42 am

Addressee Unknown

FORT WORTH, TX 76116 December 15, 2023, 9:45 am

Departed USPS Regional Facility

FORT WORTH TX DISTRIBUTION CENTER December 14, 2023, 10:37 pm

Arrived at USPS Regional Facility

reedbac

FORT WORTH TX DISTRIBUTION CENTER
December 14, 2023, 9:23 am

Arrived at USPS Regional Facility

AUSTIN TX DISTRIBUTION CENTER December 13, 2023, 12:43 pm

Departed USPS Facility

ALBUQUERQUE, NM 87101 December 12, 2023, 8:10 am

Arrived at USPS Facility

ALBUQUERQUE, NM 87101 December 12, 2023, 1:33 am

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USPS Tracking Plus®	~
Product Information	~
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Track Another Package	
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	Cit 24080 – Permian Mojo

USPS Tracking[®]

FAQs >

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Tracking Number:

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Latest Update

Your item was returned to the sender on December 23, 2023 at 3:37 pm in HOUSTON, TX 77011 because the addressee was not known at the delivery address noted on the package.

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USPS Tracking Plus®

Alert

Addressee Unknown

HOUSTON, TX 77011 December 23, 2023, 3:37 pm

USPS picked up item

HOUSTON, TX 77011 December 23, 2023, 3:37 pm

In Transit to Next Facility

December 22, 2023

No Such Number

HOUSTON, TX 77011 December 15, 2023, 3:56 pm

Arrived at USPS Regional Facility

NORTH HOUSTON TX DISTRIBUTION CENTER December 14, 2023, 1:19 pm

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Departed USPS Facility

ALBUQUERQUE, NM 87101

December 12, 2023, 8:10 am

Arrived at USPS Facility

ALBUQUERQUE, NM 87101 December 12, 2023, 1:05 am

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USPS Tracking Plus®	~
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Track Another Package	
Enter tracking or barcode numbers	

Need More Help?

Contact USPS Tracking support for further assistance.

Carlsbad Current Argus.

This is to notify all interested parties, including Frost Bank, Trustee of the Josephine T. Hudson Testamentary Trust FBO J. Terrell Ard; Cannon Exploration Company; EOG Resources, Inc., Attn: Land Dept; Estate of Edward R Hudson; Estate

Howard Walsh, Jr.; Francis H Hudson, Trustee of the Lindy's Living Trust uta 7/8/94; Javelina Partners; Delmar Hudson Lewis, Trustee of the Delmar Hudson Lewis Living Trust dtd 9/9/2002; Occidental Permian Limited Partnership; PBEX LLC;

The Roger T. and Holly L. Elliot Family Limited Partnership; Zorro Partners, Ltd.; and their successors and assigns, that the New Mexico Oil Conservation Division will conduct a

the New Mexico Oil Conservation Division will conduct a hearing on an application submitted by Permian Resources Operating, LLC (Case No. 24080). The hearing will be conducted remotely on January 4, 2024, beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website for that date: https://www.emnrd.nm.gov/ocd/hearing-info/. Permian Resources Operating, LLC ("Applicant") applies for an order pooling all uncommitted interests in the Bone Spring formation underlying a 318-59-acre. more or less standard horizontal

derlying a 318.59-acre, more or less, standard horizontal spacing unit comprised of the N/2 N/2 of Section 25, Township 19 South, Range 30 East, and the N/2 N/2 of irreg-

valuar Section 30, Township 19, Range 31 East, Eddy County, New Mexico ("Unit"). The Unit will be dedicated to the Mojo 30-25 Fed Com 111H, Mojo 30-25 Fed Com 121H, and Mojo 30-25 Fed Com 131H wells ("Wells"), which will be drilled from surface hole locations in the SE/4 NE/4 (Unit H)

of Section 30, Township 19 South, Range 31 East, to bottom hole locations in the NW/4 NW/4 (Unit D) of Section 25, Township 19 South, Range 30 East. The completed intervals

of the Wells will be orthodox. Also to be considered will be

the cost of drilling and completing the Wells and the alloca-tion of the costs, the designation of Permian Resources Op-erating LLC as operator of the Wells, and a 200% charge for the risk involved in drilling and completing the Wells. The Wells are located approximately 21 miles northeast of Carls-

#5865666, Current Argus, December 13, 2023

bad, New Mexico.

Affidavit of Publication Ad # 0005865666 This is not an invoice

HINKLE SHANOR, LLP **POBOX 2068**

SANTA FE, NM 87504

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:

12/13/2023

Subscribed and sworn before me this December 13,

State of WI, County of Brown **NOTARY PUBLIC**

My commission expires

KATHLEEN ALLEN Notary Public State of Wisconsin

Ad # 0005865666 PO #: Case No.: 24080 # of Affidavits1

This is not an invoice

Colgate Production, LLC Case No. 24080 **Exhibit C-4**