

**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. 23640

NOTICE OF AMENDED EXHIBITS

As requested by the Division at the July 20, 2023, hearing, Colgate Production, LLC is providing the following amended exhibits:

1. Amended Compulsory Pooling Checklist; and
2. Amended Exhibit A-2 (C-102s).

Respectfully submitted,

HINKLE SHANOR, LLP

/s/ Dana S. Hardy

Dana S. Hardy

Jaclyn McLean

Yarithza Peña

P.O. Box 2068

Santa Fe, NM 87504-2068

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Facsimile: (505) 982-8623

dhardy@hinklelawfirm.com

jmclean@hinklelawfirm.com

ypena@hinklelawfirm.com

Counsel for Colgate Production, LLC

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing was served on the following counsel of record by electronic mail on July 20, 2023:

Deana M. Bennett
MODRALL, SPERLING, ROEHL,
HARRIS & SISK, P.A
Post Office Box 2168
500 Fourth Street NW, Suite 1000
Albuquerque, New Mexico 87103-2168
Telephone: 505.848.1800
Attorneys for Avant Operating, LLC

/s/ Dana S. Hardy
Dana S. Hardy

COMPULSORY POOLING APPLICATION CHECKLIST

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 23640	APPLICANT'S RESPONSE
Date	July 20, 2023
Applicant	Colgate Production, LLC
Designated Operator & OGRID (affiliation if applicable)	Permian Resources Operating, LLC (OGRID No. 372165)
Applicant's Counsel:	Hinkle Shanor LLP
Case Title:	Application of Colgate Production, LLC for Compulsory Pooling, Eddy County, New Mexico
Entries of Appearance/Intervenors:	Avant Operating, LLC
Well Family	Koala
Formation/Pool	
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:	Old Millman Ranch Bone Spring (Code 48035)
Well Location Setback Rules:	Statewide
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320-acre
Building Blocks:	Quarter-Quarter
Orientation:	West to East
Description: TRS/County	N/2 N/2 of Sections 9 and 10, Township 20 South, Range 28 East, Eddy County, New Mexico
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	No
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	Koala 9 Fed Com 111H (API # ---) SHL: 796' FNL & 362' FEL (Unit A), Section 8, T20S, R28E BHL: 990' FNL & 10' FEL (Unit A), Section 10, T20S, R28E Completion Target: First Bone Spring (6,218' TVD)
Well #2	Koala 9 Fed Com 121H (API # ---) SHL: 795' FNL & 422' FEL (Unit A), Section 8, T20S, R28E BHL: 990' FNL & 10' FEL (Unit A), Section 10, T20S, R28E Completion Target: Second Bone Spring (7,293' TVD)

Well #2	Koala 9 Fed Com 131H (API # ---) SHL: 794' FNL & 482' FEL (Unit A), Section 8, T20S, R28E BHL: 990' FNL & 10' FEL (Unit A), Section 10, T20S, R28E Completion Target: Third Bone Spring (8,498' 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)	Exhibit A-3
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A
Pooled Parties (including ownership type)	Exhibit A-3
Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit A-4
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-3
Chronology of Contact with Non-Joined Working Interests	Exhibit A-5
Overhead Rates In Proposal Letter	Exhibit A-4
Cost Estimate to Drill and Complete	Exhibit A-4
Cost Estimate to Equip Well	Exhibit A-4
Cost Estimate for Production Facilities	Exhibit A-4
Geology	
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibit B-1
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-7
Well Orientation (with rationale)	Exhibit B
Target Formation	Exhibit B
SU Cross Section	Exhibit B-2
Depth Severance Discussion	N/A
Forms, Figures and Tables	
-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	Exhibits B-3, B-4, B-5
Cross Section Location Map (including wells)	Exhibit B-6
Cross Section (including Landing Zone)	Exhibit B-6
Additional Information	
Special Provisions/Stipulations	N/A
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:	7/20/2023

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

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code 48035		3 Pool Name Old Millman Ranch Bone Spring	
4 Property Code		5 Property Name KOALA 9 FED COM			6 Well Number 111H
7 OGRID No. 372165		8 Operator Name PERMIAN RESOURCES OPERATING, LLC			9 Elevation 3288'

10 Surface Location

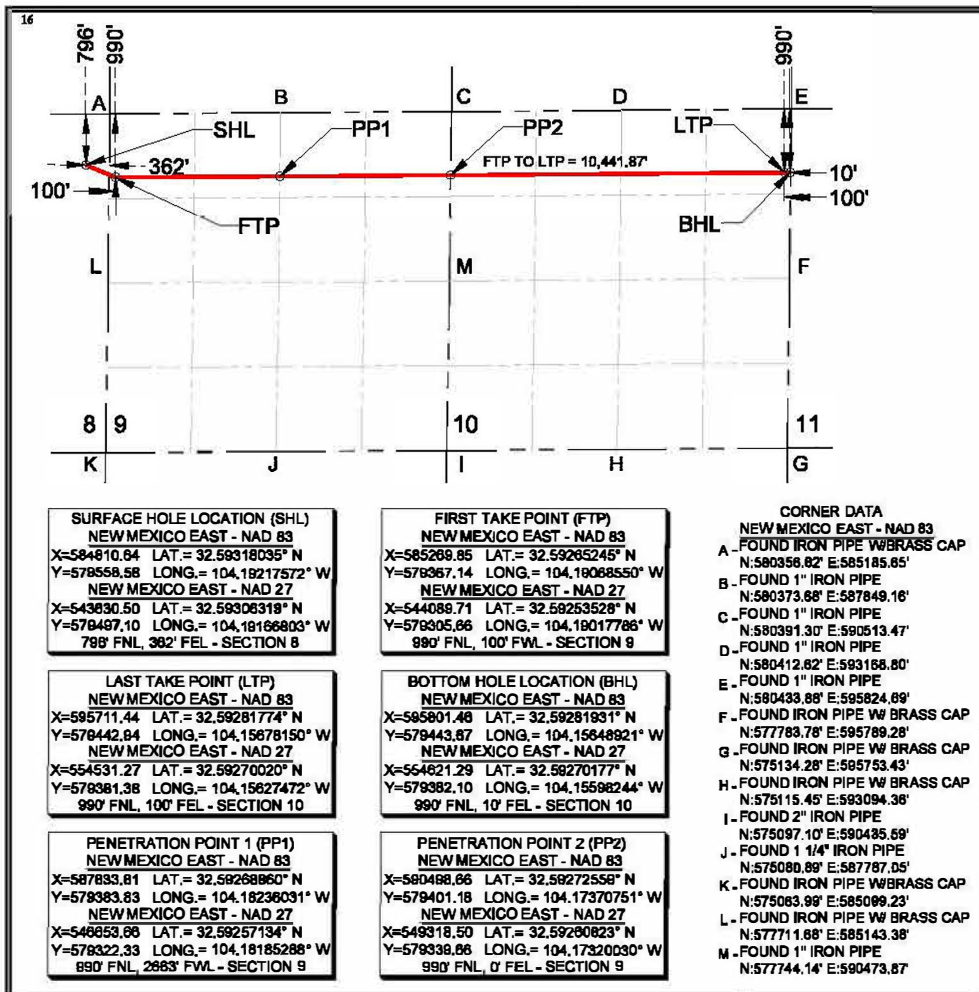
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	8	20-S	28-E		796'	NORTH	362'	EAST	EDDY

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	10	20-S	28-E		990'	NORTH	10'	EAST	EDDY

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
----------------------------------	---------------------------	------------------------------	---------------------

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



17 OPERATOR CERTIFICATION

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

Signature _____ Date _____

Printed Name _____

E-mail Address _____

18 SURVEYOR CERTIFICATION

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

CHARLES L. JUECA
NEW MEXICO
PROFESSIONAL SURVEYOR
23640
01/18/2023

Date of Survey _____

Signature and Seal of Professional Surveyor: _____

Certificate Number _____

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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811 S. First St., Artesia, NM 88210
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4 Property Code	5 Property Name KOALA 9 FBD COM	
6 Well Number 121H	7 OGRID No. 372165	
8 Operator Name PERMIAN RESOURCES OPERATING, LLC		9 Elevation 3288'

10 Surface Location

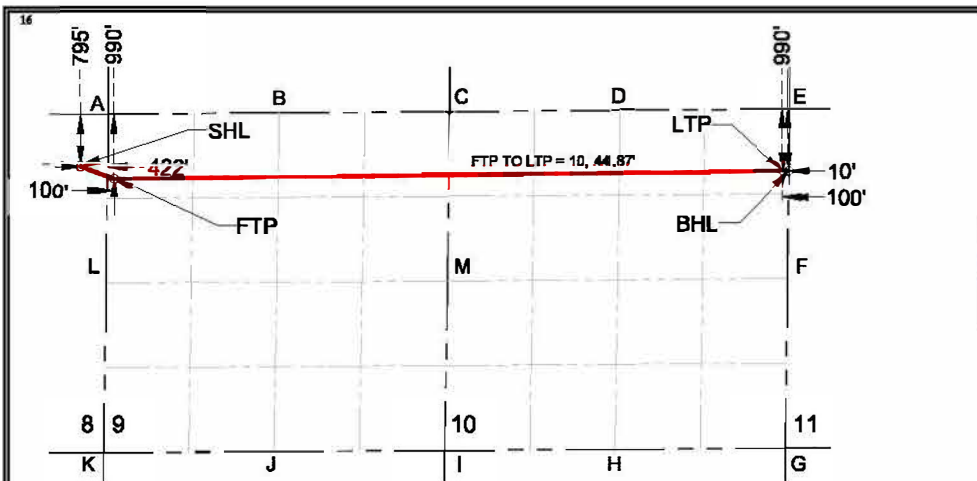
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	8	20-S	28-E		795'	NORTH	422'	EAST	EDDY

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 Signature 06.02.2022
 Date
 Mikah Thomas
 Printed Name
 mthomas@colgateenergy.com
 E-mail Address

SURFACE HOLE LOCATION (SHL)
NEW MEXICO EAST - NAD 83
X=584750.65 LAT.= 32.59318332° N
Y=579559.58 LONG.= 104.19237051° W
NEW MEXICO EAST - NAD 27
X=543570.51 LAT.= 32.59306616° N
Y=579498.10 LONG.= 104.19186281° W
795' FNL, 422' FEL - SECTION 8


FIRST TAKE POINT (FTP)
NEW MEXICO EAST - NAD 83
X=585269.85 LAT.= 32.59265245° N
Y=579367.14 LONG.= 104.19068550° W
NEW MEXICO EAST - NAD 27
X=544089.71 LAT.= 32.59253528° N
Y=579305.66 LONG.= 104.19017786° W
990' FNL, 100' FWL - SECTION 9

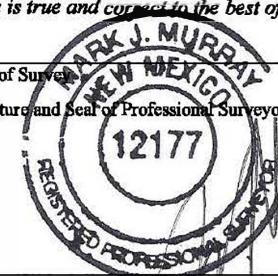
LAST TAKE POINT (LTP)
NEW MEXICO EAST - NAD 83
X=595711.44 LAT.= 32.59281774° N
Y=579442.94 LONG.= 104.15678150° W
NEW MEXICO EAST - NAD 27
X=554531.27 LAT.= 32.59270202° N
Y=579381.38 LONG.= 104.15627472° W
990' FNL, 100' FEL - SECTION 10

BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST - NAD 83
X=595801.46 LAT.= 32.59281931° N
Y=579443.67 LONG.= 104.15648921° W
NEW MEXICO EAST - NAD 27
X=554621.29 LAT.= 32.59270177° N
Y=579382.10 LONG.= 104.15658244° W
990' FNL, 10' FEL - SECTION 10

- CORNER DATA**
NEW MEXICO EAST - NAD 83
- A. FOUND IRON PIPE W/BRASS CAP N:580358.62 E:585185.85'
 - B. FOUND 1" IRON PIPE N:580373.68 E:587849.16'
 - C. FOUND 1" IRON PIPE N:580391.30 E:590513.47'
 - D. FOUND 1" IRON PIPE N:580412.62 E:593168.80'
 - E. FOUND 1" IRON PIPE N:580433.88 E:595824.89'
 - F. FOUND IRON PIPE W/ BRASS CAP N:577783.78 E:595789.28'
 - G. FOUND IRON PIPE W/ BRASS CAP N:575134.28 E:595753.43'
 - H. FOUND IRON PIPE W/ BRASS CAP N:575115.45 E:593094.38'
 - I. FOUND 2" IRON PIPE N:575097.10 E:590435.59'
 - J. FOUND 1 1/4" IRON PIPE N:575086.89 E:587787.05'
 - K. FOUND IRON PIPE W/BRASS CAP N:575083.99 E:585089.23'
 - L. FOUND IRON PIPE W/ BRASS CAP N:577711.88 E:585143.38'
 - M. FOUND 1" IRON PIPE N:577744.14 E:590473.87'

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 Date of Survey 5/5/2022
 Signature and Seal of Professional Surveyor
 Certificate Number



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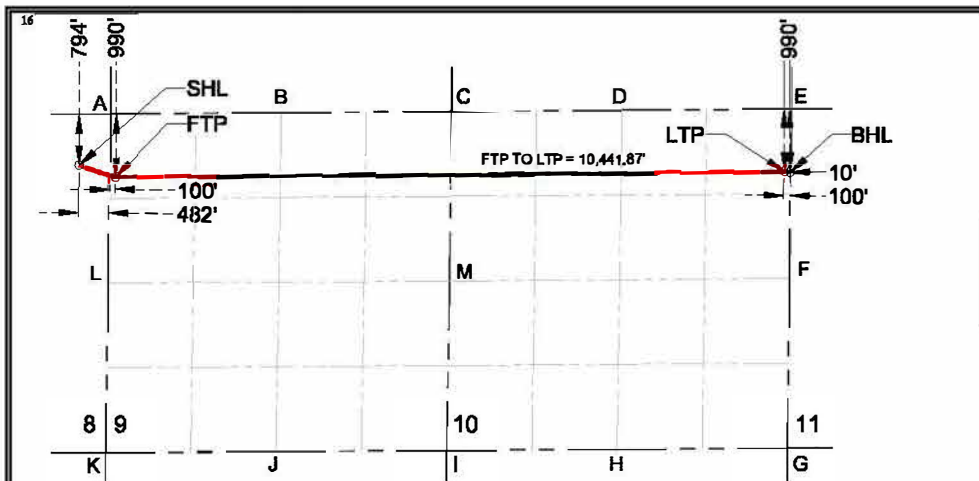
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Signature: *Mikah Thomas* Date: 06.02.2022

Printed Name: Mikah Thomas
E-mail Address: mthomas@colgateenergy.com

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 - M. FOUND 1" IRON PIPE N:577744.14 E:590473.87'

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Date of Survey: 5/5/2022
Signature and Seal of Professional Surveyor: *Mark J. Murray*
Certificate Number: 12177