

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

**APPLICATION OF COLGATE OPERATING, LLC
TO POOL ADDITIONAL INTERESTS UNDER
ORDER NO. R-21355-A,
EDDY COUNTY, NEW MEXICO.**

**CASE NO. 22833
ORDER NO. R-21355-A
(Re-Open Case No. 21227)**

NOTICE OF AMENDED COMPULSORY POOLING CHECKLIST

In accordance with the Division's request at the July 7, 2022 hearing in these matters, Colgate Operating, LLC is submitting an Amended Compulsory Pooling Checklist for Case No. 21227.

Respectfully submitted,

HINKLE SHANOR, LLP

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Counsel for Colgate Operating, LLC

COMPULSORY POOLING APPLICATION CHECKLIST**ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS**

Case No.:	21227
Hearing Date:	5/28/2020
Applicant	Colgate Operating, LLC
Designated Operator & OGRID	371449
Applicant's Counsel	Ernest L. Padilla
Case Title	Application of Colgate Operating, LLC Case No. 21227 for Compulsory Pooling, Eddy County, New Mexico
Entries of Appearance/Intervenors	Modrall - Land D. Hough for EOC; James Bruce for Mewbourne
Well Family	Shamrock 34 Fed State Com
Formation/Pool	
Formation Name(s) or Vertical Extent	Winchester, Bone Spring
Primary Product (Oil or Gas)	Oil
Pooling this vertical extent	Bone Spring Formation
Pool Name and Pool Code	Winchester, Bone Spring (Pool Code 65010)
Well Location Setback Rules	Standard
Spacing Unit Size	640 acre
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	640 acre
Building Blocks	quarter-quarter sections
Orientation	East to West
Description: TRS/County	N/2 N/2 and S/2 N/2 of Sections 33 and 34, Township 19 South, Range 28 East, Eddy County, New Mexico
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	No
Applicant's Ownership in Each Tract	Exhibit 1 109 through 116
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	
	<p>Shamrock 34 Fed State Com 121H</p> <p>SHL: 700 feet from the North line and 330 feet from the West line (Unit D) of Section 35, Township 19 South, Range 28 East, NMMPM. BHL: 990 feet from the North line and 10 feet from the West line (Unit D) of Section 33, Township 19 South, Range 28 East, NMMPM. Completion Target: 2nd Bone Spring Sand at approx 7500 feet TVD Well Orientation: East to West Completion Location: standard</p>
	<p>Shamrock 34 Fed State Com 131H</p> <p>SHL: 655 feet from the North line and 330 feet from the West line (Unit D) of Section 35, Township 19 South, Range 28 East, NMMPM. BHL: 890 feet from the North line and 10 feet from the West line (Unit D) of Section 33, Township 19 South, Range 28 East, NMMPM. Completion Target: 3rd Bone Spring Sand at approx 8600 feet TVD Well Orientation: East to West Completion Location: standard</p>

	Shamrock 34 Fed State Com 122H SHL: 2610 feet from the South line and 295 feet from the East line (Unit I) of Section 34, Township 19 South, Range 28 East, NMPM. BHL: 2310 feet from the North line and 10 feet from the West line (Unit E) of Section 33, Township 19 South, Range 28 East, NMPM. Completion Target: 2nd Bone Spring Sand at approx 7500 feet TVD Well Orientation: East to West Completion Location: standard
	Shamrock 34 Fed State Com 132H SHL: 2310 feet from the South line and 340 feet from the East line (Unit I) of Section 34, Township 19 South, Range 28 East, NMPM. BHL: 2210 feet from the North line and 10 feet from the West line (Unit E) of Section 33, Township 19 South, Range 28 East, NMPM. Completion Target: 3rd Bone Spring Sand at approx 8600 feet TVD Well Orientation: East to West Completion Location: standard
Horizontal Well First and Last Take Points	Exhibit 1 pages 054, 067, 081, 093
Completion Target (Formation, TVD and MD)	Exhibit 1 AFEs pgs 120-122 pgs 127-130 and also listed above with each well
	Identify the Exhibit and Page for Information below this line
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000 /\$800
Production Supervision/Month \$	Exhibit 1 pages 127 through 130 AFE's
Justification for Supervision Costs	Exhibit 1 pages 127 through 130 AFE's
Requested Risk Charge	200% Exhibit 1 pages 127 through 130 AFE's
Notice of Hearing	
Proposed Notice of Hearing	Exhibit 3 pages 027-036 (Affidavit of Earnest L. Padilla)
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit 3 pages 037 through 066 (Affidavit of Earnest L. Padilla)
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit 3 pages 078-083
Ownership Determination	
Land Ownership Schematic of Spacing Unit	Exhibit 1 pages 109 through 116
Tract List (including lease numbers & owners)	Exhibit 1 pages 109 through 116
Pooled Parties (including ownership type)	Exhibit 1 pages 109 through 116
Unlocatable Parties to be Pooled	Exhibit 3 pages 067 through 077 (returns) pages 078-083 (publication notice)
Ownership Depth Severance (including percentage above & below)	None
Joinder	
Sample Copy of Proposal Letter	Exhibit 1 pages 120 through 122
List of Interest Owners (ie Exhibit A of JOA)	Exhibit 1 pages 109 through 116
Chronology of Contact with Non-Joined Working Interests	Exhibit 1 page 117
Overhead Rates In Proposal Letter	Exhibit 1 pages 120 through 122
Cost Estimate to Drill and Complete	Exhibit 1 pages 127 through 130 AFE's
Cost Estimate to Equip Well	Exhibit 1 pages 127 through 130 AFE's
Cost Estimate for Production Facilities	Exhibit 1 pages 127 through 130 AFE's
Geology	
Summary (including special considerations)	Exhibit 2 pages 001 through 002
Spacing Unit Schematic	Exhibit 2 page 017
Gunbarrel/Lateral Trajectory Schematic	Exhibit 2 page 016
Well Orientation (with rationale)	Exhibit 2
Target Formation	Exhibit 2 pages 023, 234 & 025
HSU Cross Section	Exhibit 2 pages 023, 234 & 025
Depth Severance Discussion	None
C-102	Exhibit 1 pages 054, 067, 081, 093
Tracts	Exhibit 2 pages 016, 018, 019, 020, 021
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit 1 pages 109 through 116
General Location Map (including basin)	Exhibit 2 page 017

Well Orientation (with rational)	Exhibit 2 page 018
Structure Contour Map - Subsea Depth	Exhibit 2 page 019
Cross Section Location Map (including wells)	Exhibit 2 page 018
Cross Section (including Landing Zone)	Exhibit 2 pages 023, 234 & 025
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:	7/13/2022