State of New Mexico Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham Governor

Sarah Cottrell Propst Cabinet Secretary

Todd E. Leahy, JD, PhD Deputy Secretary Adrienne Sandoval, Director Oil Conservation Division



November 19, 2019

POOL/LEASE COMMINGLING

Administrative Order PLC-599

COG Operating, LLC Attention: Bobbie Goodloe

2208 W. Main Street, Artesia, NM 88210

Pursuant to your application received on August 21, 2019, COG Operating, LLC ("Operator") is hereby authorized to surface commingle oil and gas production and off-lease measure from the pools, wells, and associated leases identified in Exhibit A and incorporated by reference into this Order. The wells are located in Section 33, Township 20 South, Range 34 East, NMPM, Lea County, New Mexico.

Production from the wells shall be determined as follows:

The oil and gas production from each well shall flow into a dedicated system of separators. The production stream shall be separated into 3 independent streams and each stream shall be measured individually before commingling. Additional gas gathered from process equipment after commingling shall be measured and allocated to each well based on the individual well's production.

The commingled oil production from the wells shall be measured by a lease automatic custody transfer ("LACT") meter and sold at the respective central tank battery ("CTB") described in Exhibit A, except when the CTB is over capacity or unavailable due to maintenance, or the pipeline is unavailable due to maintenance, in which case the oil shall be transported to either the Red Hills Offload Station (Red Hills CTB) located in Unit O, Section 4, Township 26 South, Range 32 East, NMPM, Lea County, New Mexico, or the Jal Offload Station (Jal CTB) located in Unit D, Section 4, Township 26 South, Range 37 East, NMPM, Lea County, New Mexico. When oil is transported to either the Red Hills CTB or Jal CTB, it shall remain segregated and measured by a LACT meter, and Operator shall submit a Sundry Notice C-103 to the Engineering Bureau in Santa Fe.

The commingled gas production from the wells shall be measured at the CTB using a custody transfer meter except when the gas pipeline is experiencing problems at which time the commingled gas production from the wells shall be measured using the appropriate meters.

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For future additions of wells and leases to this commingling operation, notice shall only be given to those interest owners in the wells and leases to be added, in accordance with Division Rule 19.15.12.10 C (4) (g) NMAC.

Operator may add subsequently drilled wells that produce from the approved pools within the project areas by submitting a Sundry Notice C-103 to the Engineering Bureau in Santa Fe.

The allocation meters shall be calibrated quarterly in accordance with Rule 19.15.12.10.C (2) NMAC.

This approval is subject to like approval from the Bureau of Land Management before commencing commingling operations.

Operator shall notify the Hobbs District Office before commingling oil and gas production.

Operator shall comply with all Division Rules and Regulations.

Adrienne Sandoval

Director

AS/dm

cc: OCD – Engineering Bureau

OCD - Hobbs District Office

Bureau of Land Management

State of New Mexico

Energy, Minerals and Natural Resources Department

Exhibit A

Administative Order: PLC-599

Date: 11/19/19

Operator: COG Operating, LLC.

Central Tank Battery: Little Bear Federal 330 CTB

Central Tank Battery Location: Section 33, Township 20 South, Range 34 East

Pools

Pool Name

Pool Code

Pool Name

Pool Code

Train

BERRY; BONE SPRING, NORTH

5535 98247

WC-025 G-08 S203435D; WOLFCAMP 98

Leases

CA NMNM 140114-WC CA NMNM 140212-BS CA NMNM 140214-WC CA NMNM 140213-BS NMNM 039256 NMNM 128368 NMNM 000082

Wells

Well API	Wells		
	Well Name	Pool Code	Location
30-025-45149	Little Bear Fed Com 002H	5535	Sec 33-T20S-R34E
30-025-45099	Little Bear Fed Com 003H	5535	Sec 33-T20S-R34E
30-025-45103	Little Bear Fed Com 007H	98247	Sec 33-T20S-R34E
30-025-45104	Little Bear Fed Com 008H	98247	Sec 33-T20S-R34E