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



December 16, 2019

POOL/LEASE COMMINGLING

Administrative Order PLC-630

COG Operating, LLC Attention: Bobbie Goodloe 2208 W. Main Street, Artesia, NM 88210

Pursuant to your application received on November 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 31, Township 19 South, Range 33 East, NMPM, Lea County, New Mexico.

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 either by a lease automatic custody transfer ("LACT") meter or by a run ticket mutually agreed upon by Operator and the oil transporter. The measurement and sell of the commingled oil production shall occur 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 gas meter described in Exhibit A 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.

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 in accordance with Division Rule 19.15.12.10(C)(2) NMAC.

This approval is subject to like approval from the Bureau of Land Management.

Adrienne Sandoval

Director

AS/dm

cc: OCD – Engineering Bureau

OCD – Hobbs District Office Bureau of Land Management

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Exhibit A

Administative Order: PLC-630

Date: 12/16/19

Operator: COG Operating, LLC

Central Tank Battery: Geronimo Federal Battery

Central Tank Battery Location: Section 31, Township 19 South, Range 33 East

Gas Meter Location: Section 30, Township 19 South, Range 33 East

Pools

Pool Name	Pool Code	Pool Name	Pool Code
GERONIMO; DELAWARE	27400		
GEM; BONE SPRING	27220		
GEM: MORROW (GAS)	77370		

Leases

NMNM 067111

Wells					
Well API	Well Name	Pool Code	Location	Train	
30-025-30645	Geronimo Federal 1	27400	Sec 31-T19S-R33E		
30-025-30645	Geronimo Federal 1	27220	Sec 31-T19S-R33E		
30-025-30992	Geronimo Federal 2	77370	Sec 31-T19S-R33E		
30-025-31312	Geronimo Federal 5	27400	Sec 31-T19S-R33E		