

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

**APPLICATIONS OF COG OPERATING LLC  
FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.**

**CASE NOS. 22460, 22461, 22462**

**NOTICE OF SUPPLEMENTAL EXHIBIT**

COG Operating LLC (“COG”) (OGRID No. 229137), the applicant in the above-referenced cases, submits the attached supplemental geology exhibit marked as **COG Exhibit D-10** and requests that it be accepted into the evidentiary record. COG Exhibit D-10 was prepared by COG witness Joseph Dishron. It identifies the upper portion of the same cross-section depicted in COG Exhibit D-5, but provides the log depths in feet as the true vertical depth (TVD), whereas COG Exhibit D-5, and the other cross-sections presented at hearing, provide depths in feet as subsea true vertical depth (SSTVD). COG Exhibit D-10 also depicts the ownership depth severance at 10,000 feet TVD relative to specific geologic markers within the Bone Spring Formation and COG’s upper Second Bone Spring target interval.

Respectfully submitted,

HOLLAND & HART LLP



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**ATTORNEYS FOR COG OPERATING LLC**

**CERTIFICATE OF SERVICE**

I hereby certify that on April 14, 2022, I served a copy of the foregoing document to the following counsel of record via Electronic Mail:

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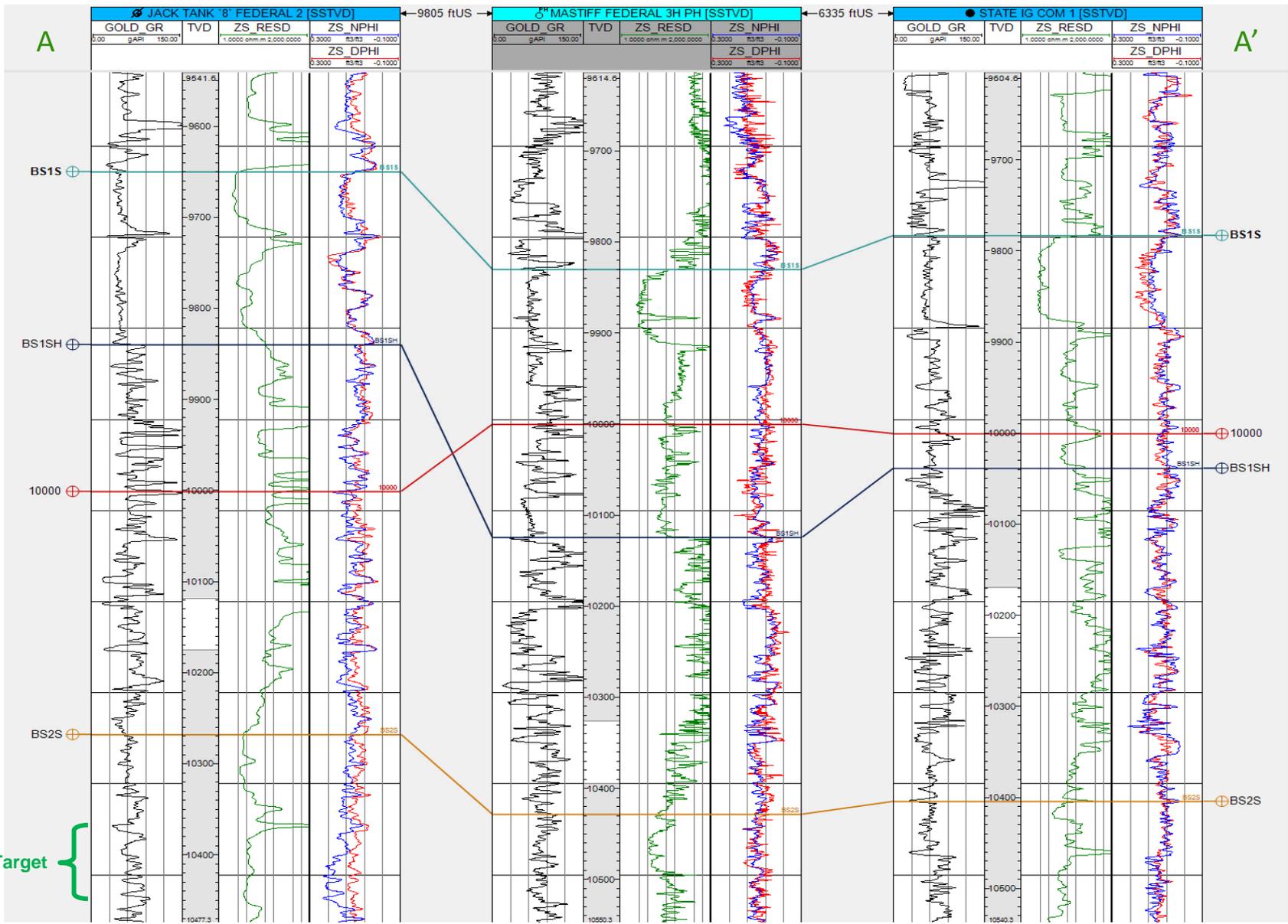
***Attorneys for Cimarex Energy Co.***



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Adam G. Rankin

# Case No. 22460: Gin & Tectonic Fed Com – TVD X-Section Showing Depth Severance



**Map Legend**


10,000' Depth Severance Top\*

\*Depth severance is a generic 10,000' TVD and does not reference a specific well or formation top

BEFORE THE OIL CONSERVATION DIVISION  
 Santa Fe, New Mexico  
 Exhibit No. D-10  
 Submitted by: COG Operating LLC  
 Hearing Date: April 7, 2022  
 Case Nos. 22460-22462