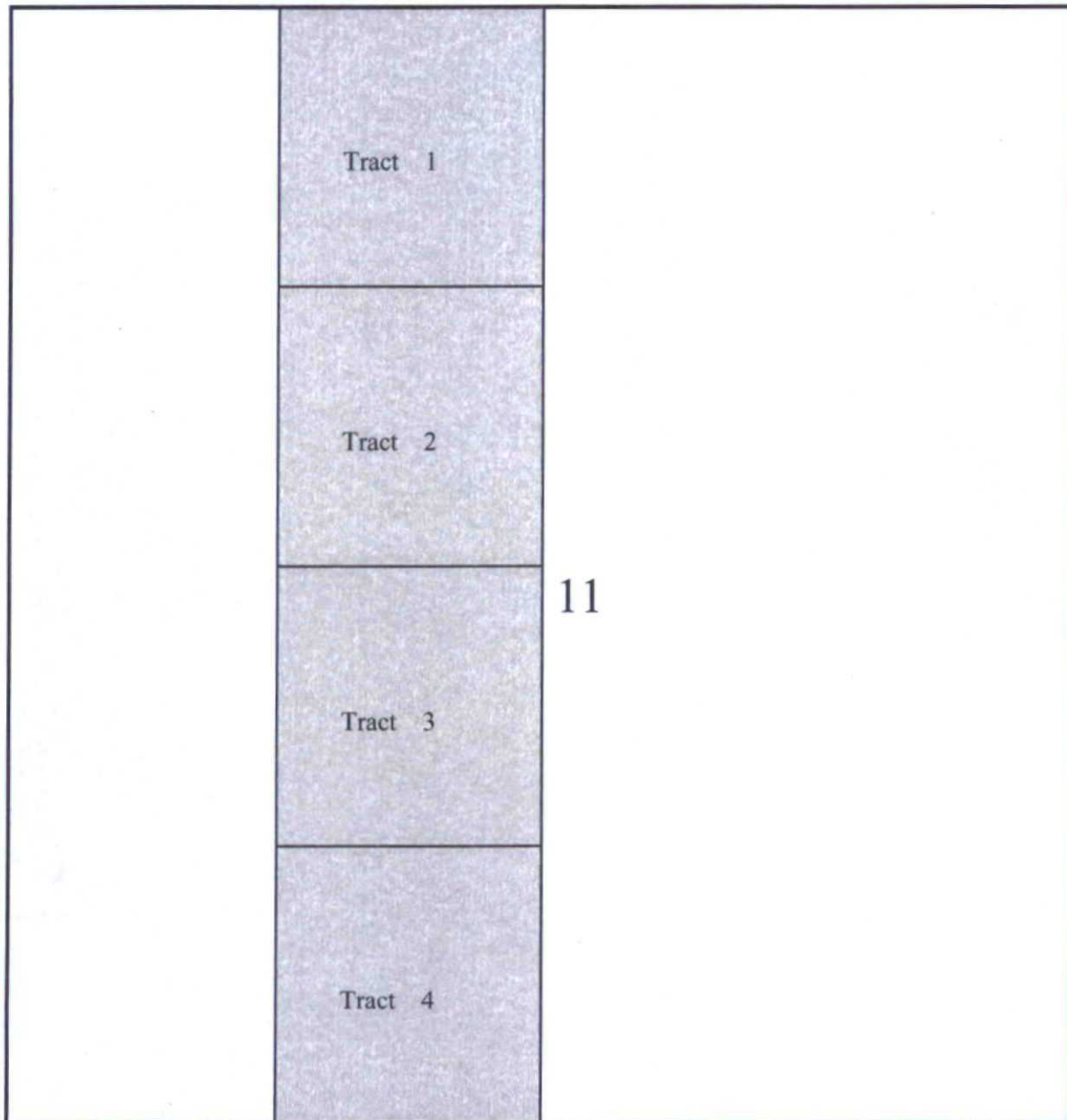


Bone Yard 11 Fee #12H
E ½ of the W ½ of Section 11
T20S, R25E, Eddy County
Mineral Interest



Tract 1

75.00% COG Operating LLC

12.50% Heirs or Devisees of Mary C. Aho

**12.50% Heirs or Devisees of Catherine A. Duncan aka
Catherine Austin Connelly**

BEFORE THE OIL CONVERSATION
DIVISION

Santa Fe, New Mexico

Exhibit No. 5

Submitted by: **COG OPERATING LLC**

Hearing Date: October 1, 2015

Tract 2

75.00% COG Operating LLC

12.50% Heirs or Devisees of Mary C. Aho

**12.50% Heirs or Devisees of Catherine A. Duncan aka
Catherine Austin Connelly**

Tract 3

75.00% COG Operating LLC

12.50% Heirs or Devisees of Mary C. Aho

**12.50% Heirs or Devisees of Catherine A. Duncan aka
Catherine Austin Connelly**

Tract 4

83.33% COG Operating LLC

16.67% Heirs or Devisees of Clint Cole

Interest in E2W2 of Section 11, T20S, R25E

77.08% COG Operating LLC

9.37% Heirs or Devisees of Mary C. Aho

**9.37% Heirs or Devisees of Catherine A. Duncan aka Catherine
Austin Connelly**

4.18% Heirs or Devisees of Clint Cole

Unmarketable Title