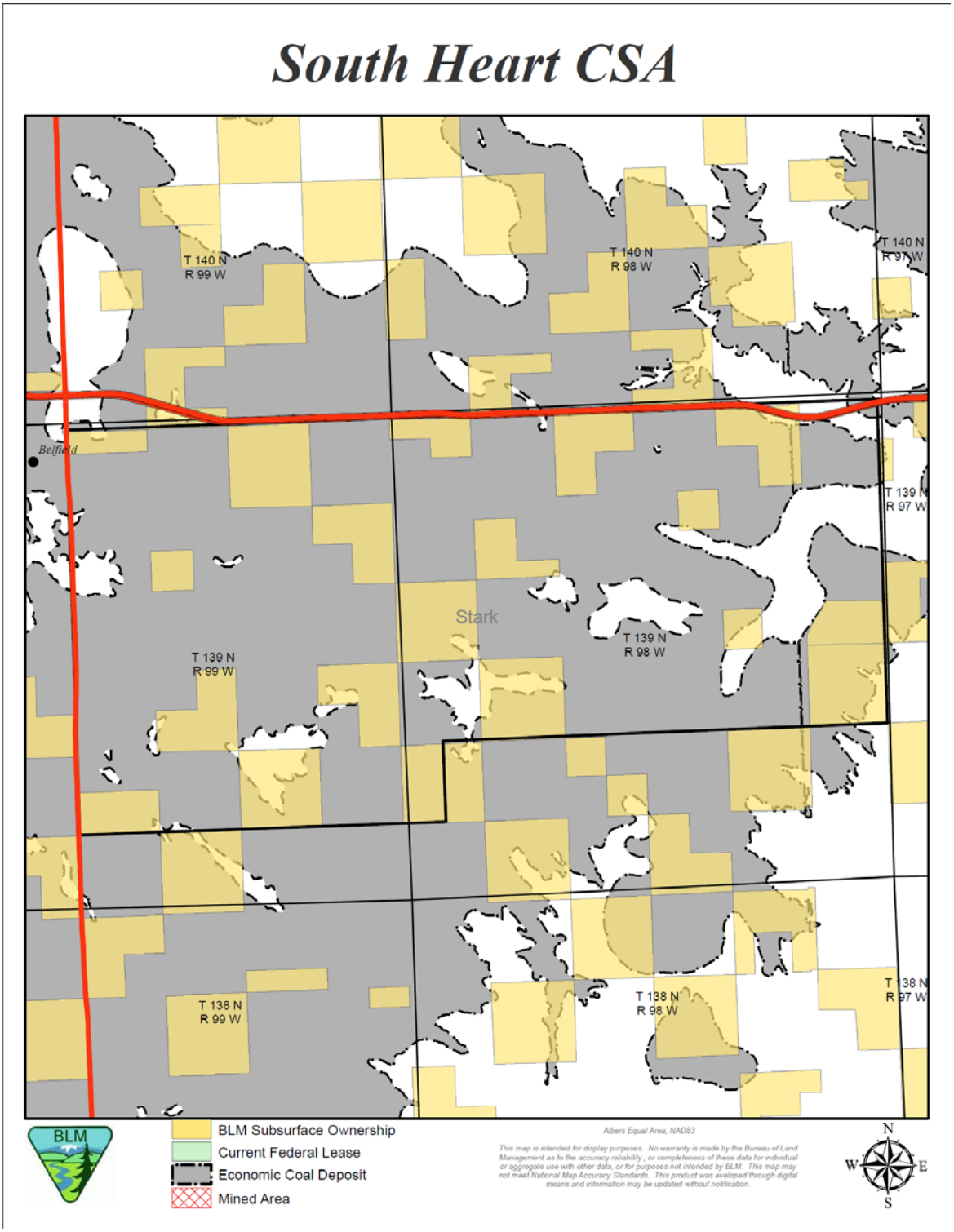A-16 SOUTH HEART CSA