

Map projection: Transverse Mercator  
Central Meridian: 101°  
North American Datum 1983

- SYMBOLS**
- Major highways
  - Railways
  - Federal and provincial parks
  - - - Provincial boundary
  - DLS system (township/range grid)
  - Manitoba Geological Survey data
  - ▲ Manitoba Petroleum Branch data
  - Saskatchewan data
  - Formation edge (subcrop, outcrop)
  - Large-scale geological structure
  - Limit of Phanerozoic outcrop

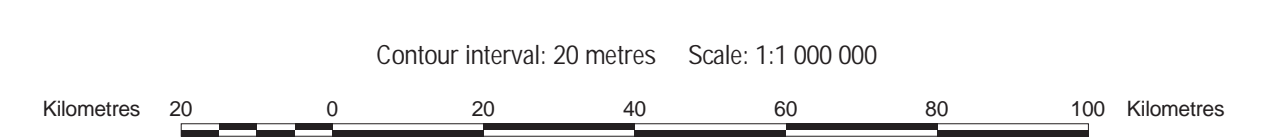


## Targeted Geoscience Initiative (TGI)

# WILLISTON BASIN ARCHITECTURE AND HYDROCARBON POTENTIAL

## Cretaceous Niobrara Formation: Structure Contour

Stratigraphic Map SM2008-KN-S



**Geological compilation:** TGI Williston Basin Working Group: R.K. Bezys<sup>1</sup>, K. Kreis<sup>2</sup>, C. Martinuk<sup>3</sup>, D. Barchyn<sup>4</sup>, J. Christopher<sup>5</sup>, J. Coolican<sup>6</sup>, G.G. Conley<sup>7</sup>, A. Cross<sup>8</sup>, F. Haid<sup>9</sup>, G.R. Keller<sup>10</sup>, D. Kerd<sup>11</sup>, A. Mason<sup>12</sup>, M.P.B. Nicolas<sup>13</sup>, P. Thomas<sup>14</sup>, S. Spooner<sup>15</sup>, M. Yurkowski<sup>16</sup>, A. Ninnegeers<sup>17</sup>, E. Nadeau<sup>18</sup>, M. Opatosh<sup>19</sup>, T. Muesel<sup>20</sup>

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Digital release only; maps can be downloaded free of charge in PDF format at [www.manitoba.ca/minerals](http://www.manitoba.ca/minerals) or [www.WillistonTGI.com](http://www.WillistonTGI.com)

**Suggested Reference:**  
 TGI Williston Basin Working Group 2008: Cretaceous Niobrara Formation: structure contour. Manitoba Science, Technology, Energy and Mines, Manitoba Geological Survey, Stratigraphic Map SM2008-KN-S, scale 1:1 000 000, URL: [www.WillistonTGI.com](http://www.WillistonTGI.com).