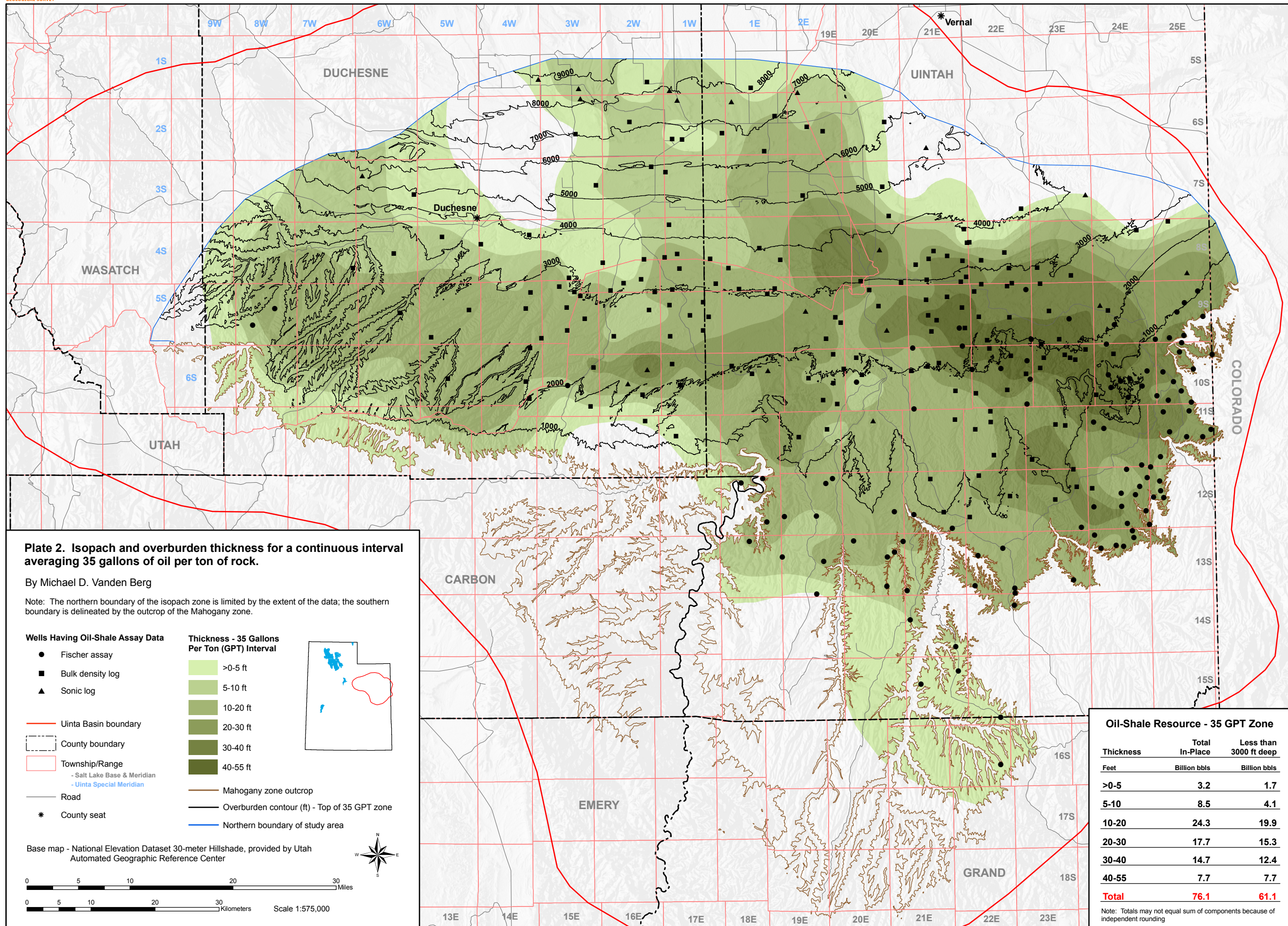


Basin-wide Evaluation of the Uppermost Green River Formation's Oil-Shale Resource, Uinta Basin, Utah and Colorado



**Plate 2. Isopach and overburden thickness for a continuous interval averaging 35 gallons of oil per ton of rock.**

By Michael D. Vanden Berg

Note: The northern boundary of the isopach zone is limited by the extent of the data; the southern boundary is delineated by the outcrop of the Mahogany zone.

**Wells Having Oil-Shale Assay Data**

- Fischer assay
- Bulk density log
- ▲ Sonic log

**Thickness - 35 Gallons Per Ton (GPT) Interval**

- >0-5 ft
- 5-10 ft
- 10-20 ft
- 20-30 ft
- 30-40 ft
- 40-55 ft

**Other Symbols:**

- Uinta Basin boundary
- - - County boundary
- Township/Range
  - Salt Lake Base & Meridian
  - Uinta Special Meridian
- Road
- \* County seat
- Mahogany zone outcrop
- Overburden contour (ft) - Top of 35 GPT zone
- Northern boundary of study area

Base map - National Elevation Dataset 30-meter Hillshade, provided by Utah Automated Geographic Reference Center

0 5 10 20 30 Miles  
 0 5 10 20 30 Kilometers  
 Scale 1:575,000

**Oil-Shale Resource - 35 GPT Zone**

Thickness	Total In-Place	Less than 3000 ft deep
Feet	Billion bbbls	Billion bbbls
>0-5	3.2	1.7
5-10	8.5	4.1
10-20	24.3	19.9
20-30	17.7	15.3
30-40	14.7	12.4
40-55	7.7	7.7
<b>Total</b>	<b>76.1</b>	<b>61.1</b>

Note: Totals may not equal sum of components because of independent rounding