UTAH GEOLOGICAL SURVEY
a divison of
Utah Department of Natural Resources

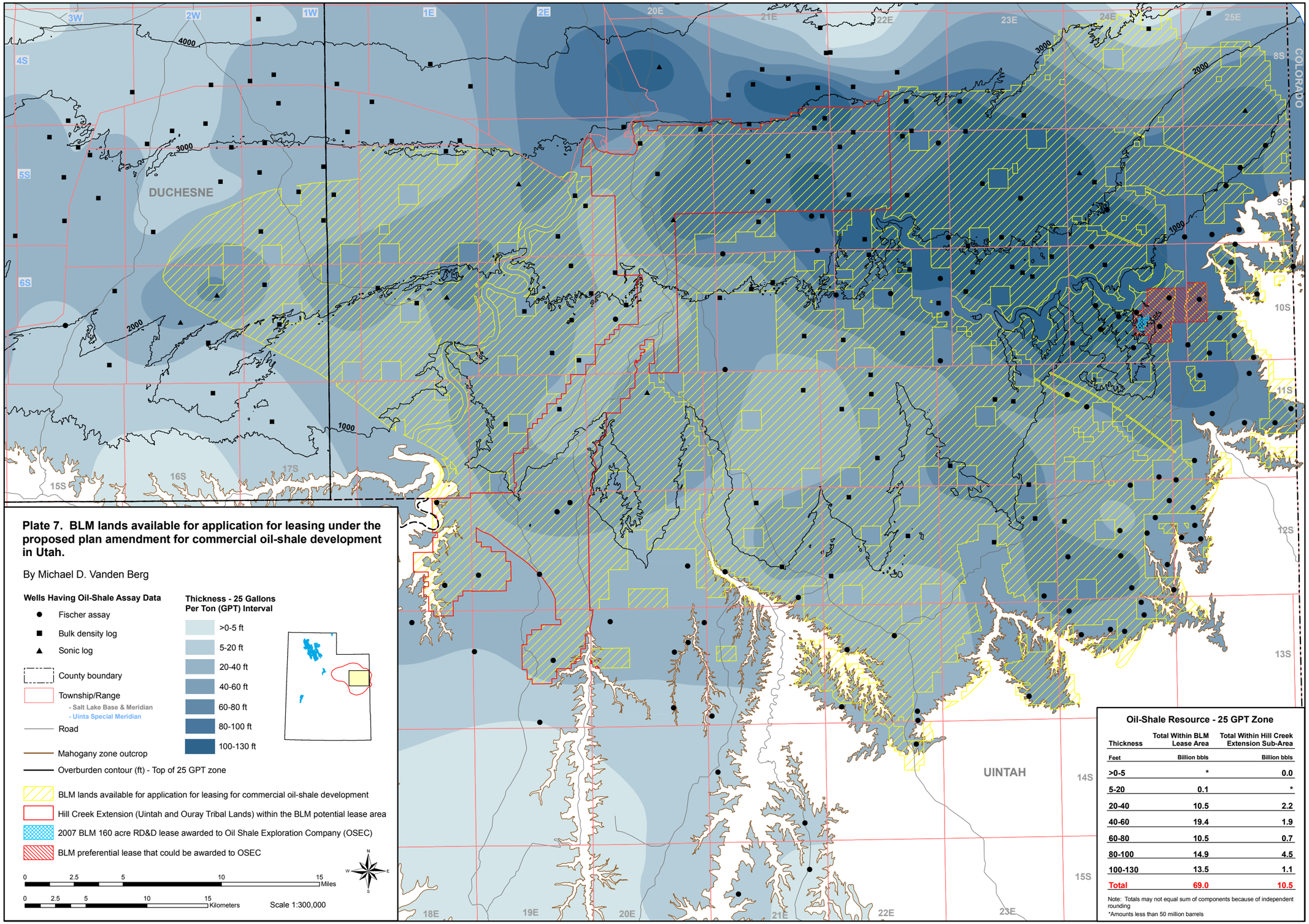

Plate 7. BLM lands available for application for leasing under the proposed plan amendment for commercial oil-shale development in Utah.

By Michael D. Vanden Berg

Wells Having Oil-Shale Assay Data

- Fischer assay
- Bulk density log
- Sonic log

County boundary

Township/Range
- Salt Lake Base & Meridian
- Uinta Special Meridian

Road

Mahogany zone outcrop

Overburden contour (ft) - Top of 25 GPT zone

Thickness - 25 Gallons Per Ton (GPT) Interval

- >0-5 ft
- 5-20 ft
- 20-40 ft
- 40-60 ft
- 60-80 ft
- 80-100 ft
- 100-130 ft

BLM lands available for application for leasing for commercial oil-shale development

Hill Creek Extension (Uintah and Ouray Tribal Lands) within the BLM potential lease area

2007 BLM 160 acre RD&D lease awarded to Oil Shale Exploration Company (OSEC)

BLM preferential lease that could be awarded to OSEC

0 2.5 5 10 15 Miles

0 2.5 5 10 15 Kilometers

Scale 1:300,000

Oil-Shale Resource - 25 GPT Zone

Thickness	Total Within BLM Lease Area	Total Within Hill Creek Extension Sub-Area
Feet	Billion bbls	Billion bbls
>0-5	*	0.0
5-20	0.1	*
20-40	10.5	2.2
40-60	19.4	1.9
60-80	10.5	0.7
80-100	14.9	4.5
100-130	13.5	1.1
Total	69.0	10.5

Note: Totals may not equal sum of components because of independent rounding
*Amounts less than 50 million barrels