



2006 Montana Oil and Gas Update

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Little Ole and Lena

Lena would never tell little Ole how old she was.

A school friend told him to sneak a look at a her drivers license to find out.

While Lena fixed dinner that night little Ole snuck in her room and checked out her license.

He came back in the kitchen wide eyed and said, "I know you were born in 1968 so you are 39."

"That's right," said Lena, "how did you find that out?"

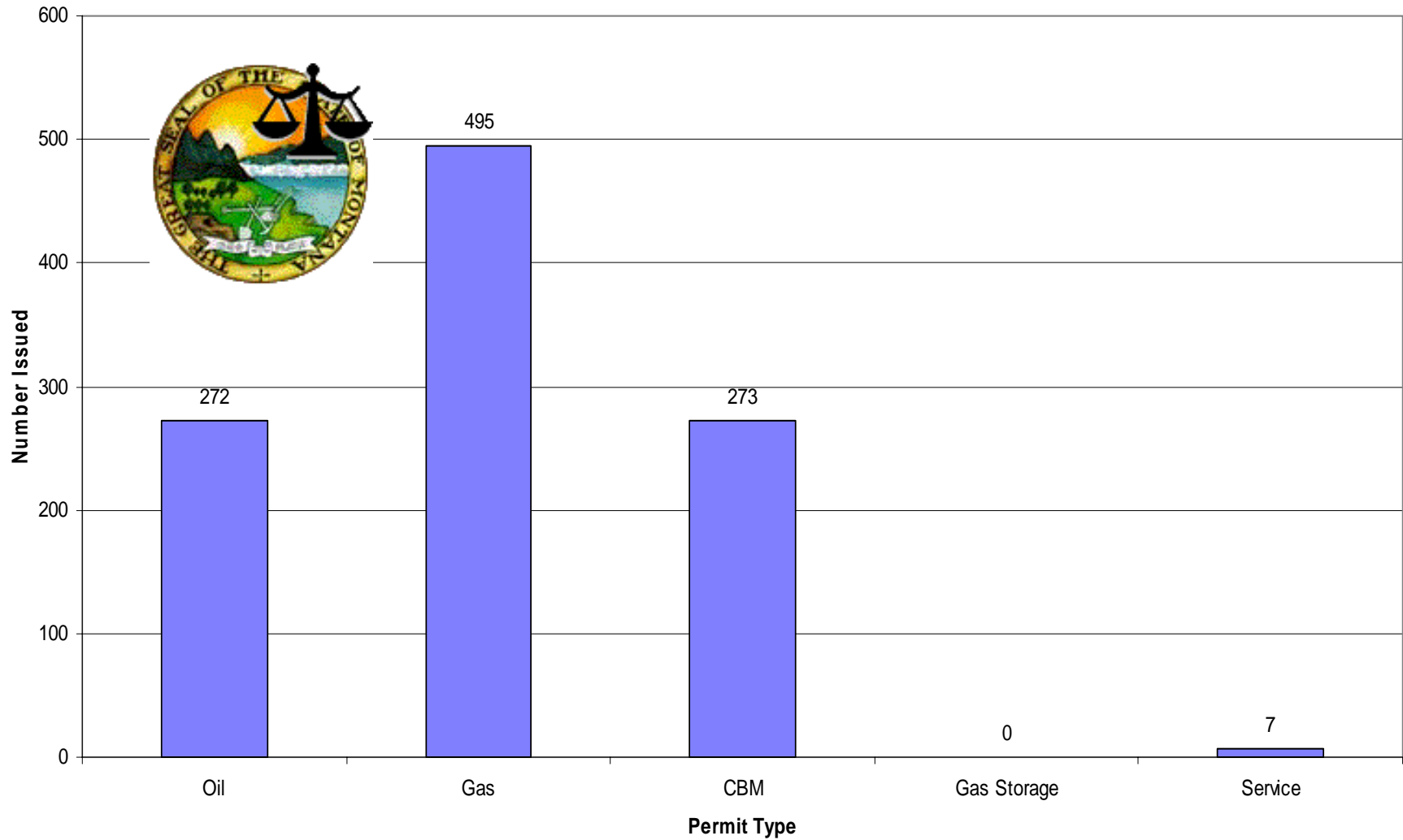
"I looked at your drivers license," he said, "and I know why you and dad argue so much too," he said.

" Why is that," asked Lena?

"You got an F in sex," said Little Ole.

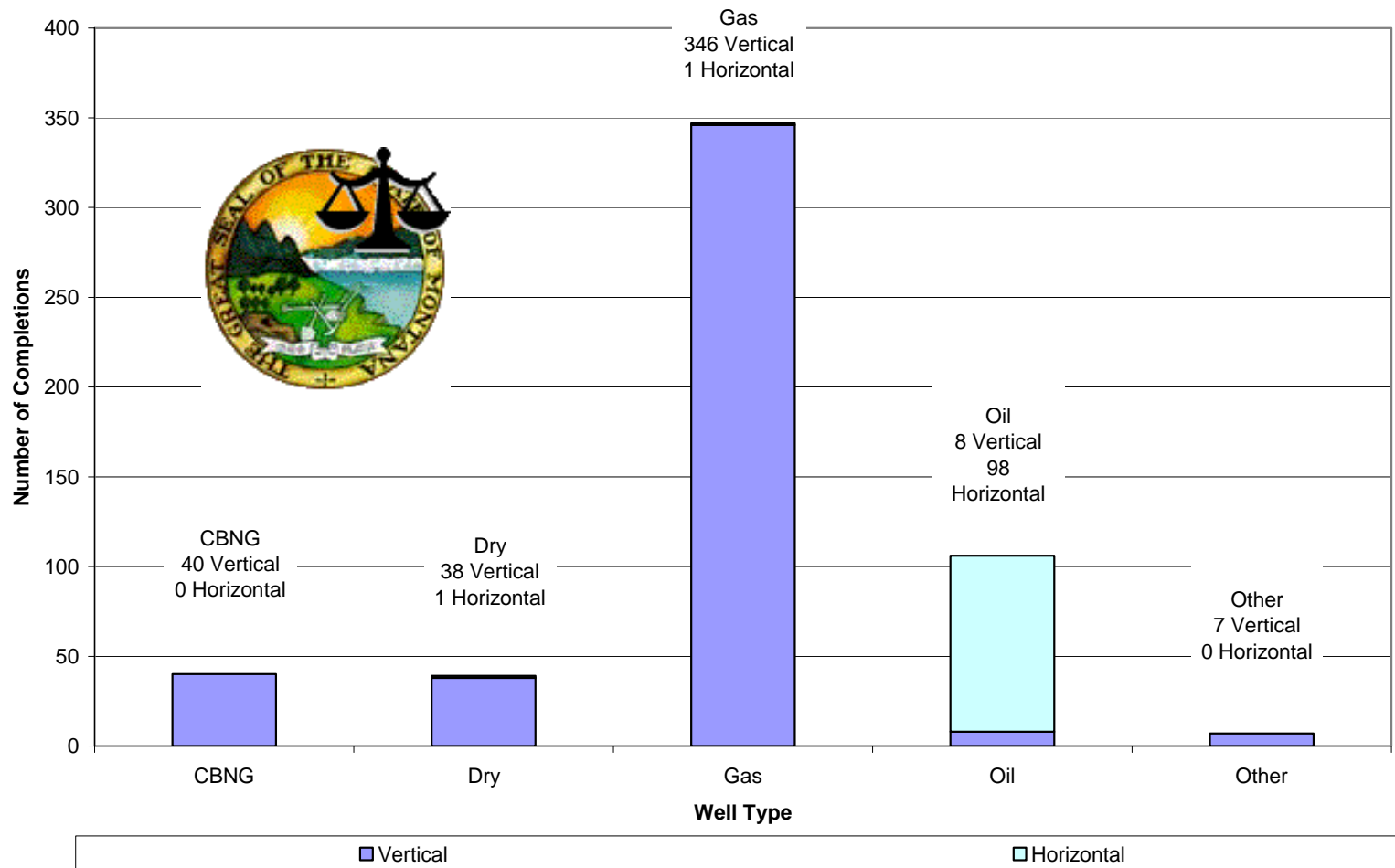
2006 Montana Permits

Oil and Gas Wells



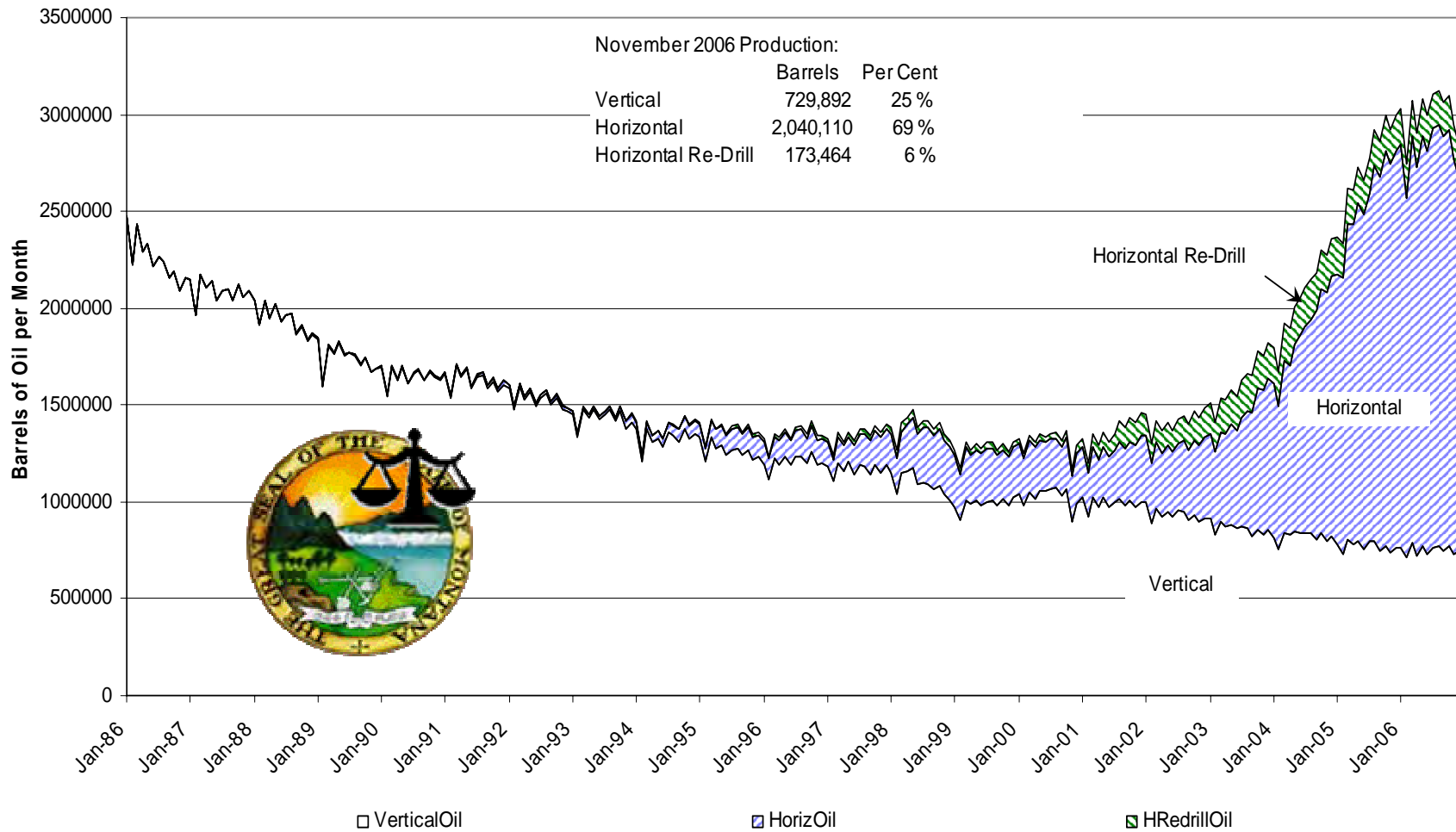
2004 Montana Completions

Oil and Gas Wells



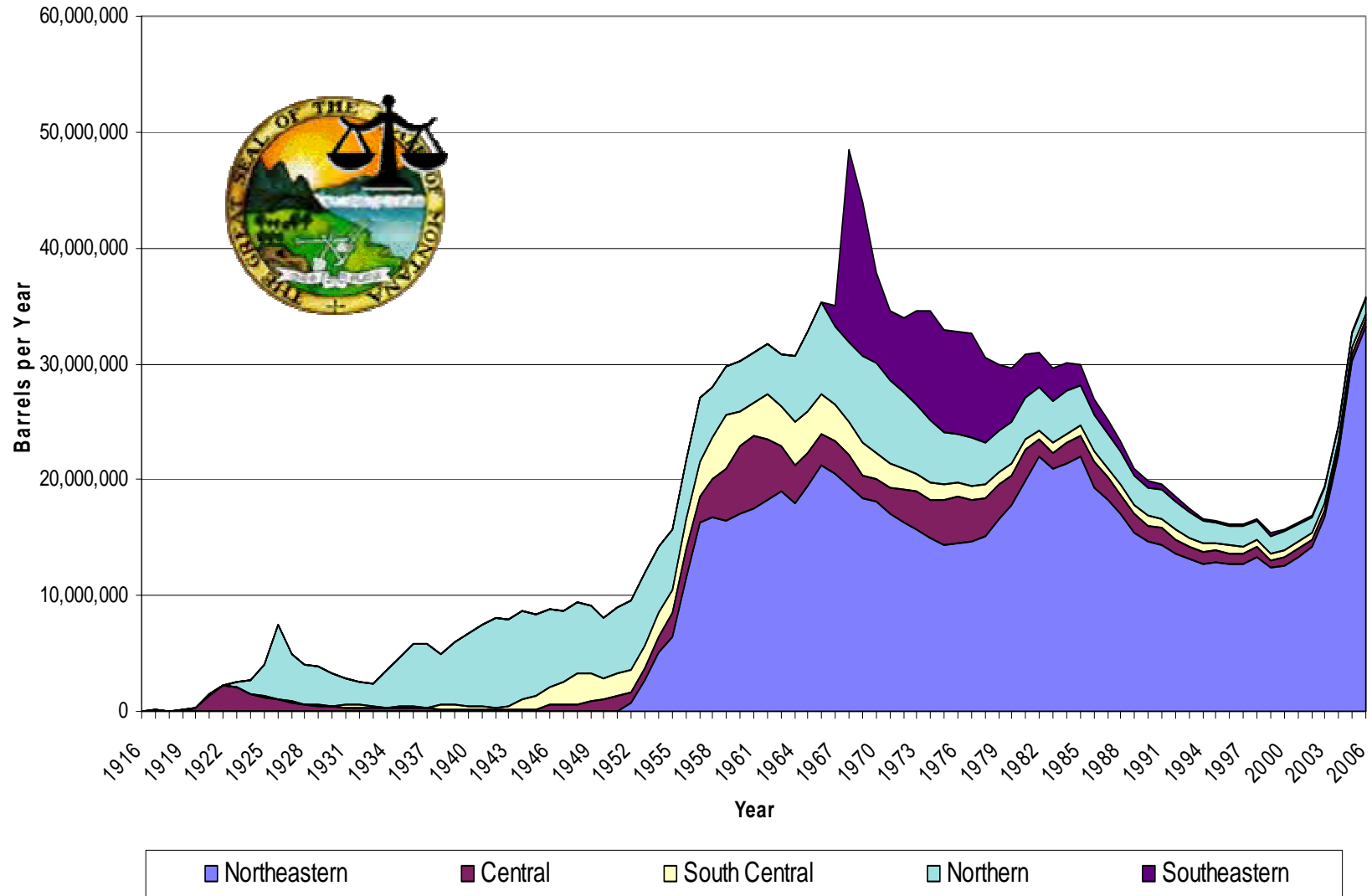
Montana Oil Production

Vertical and Horizontal Wells Jan. 1986 through Dec. 2006



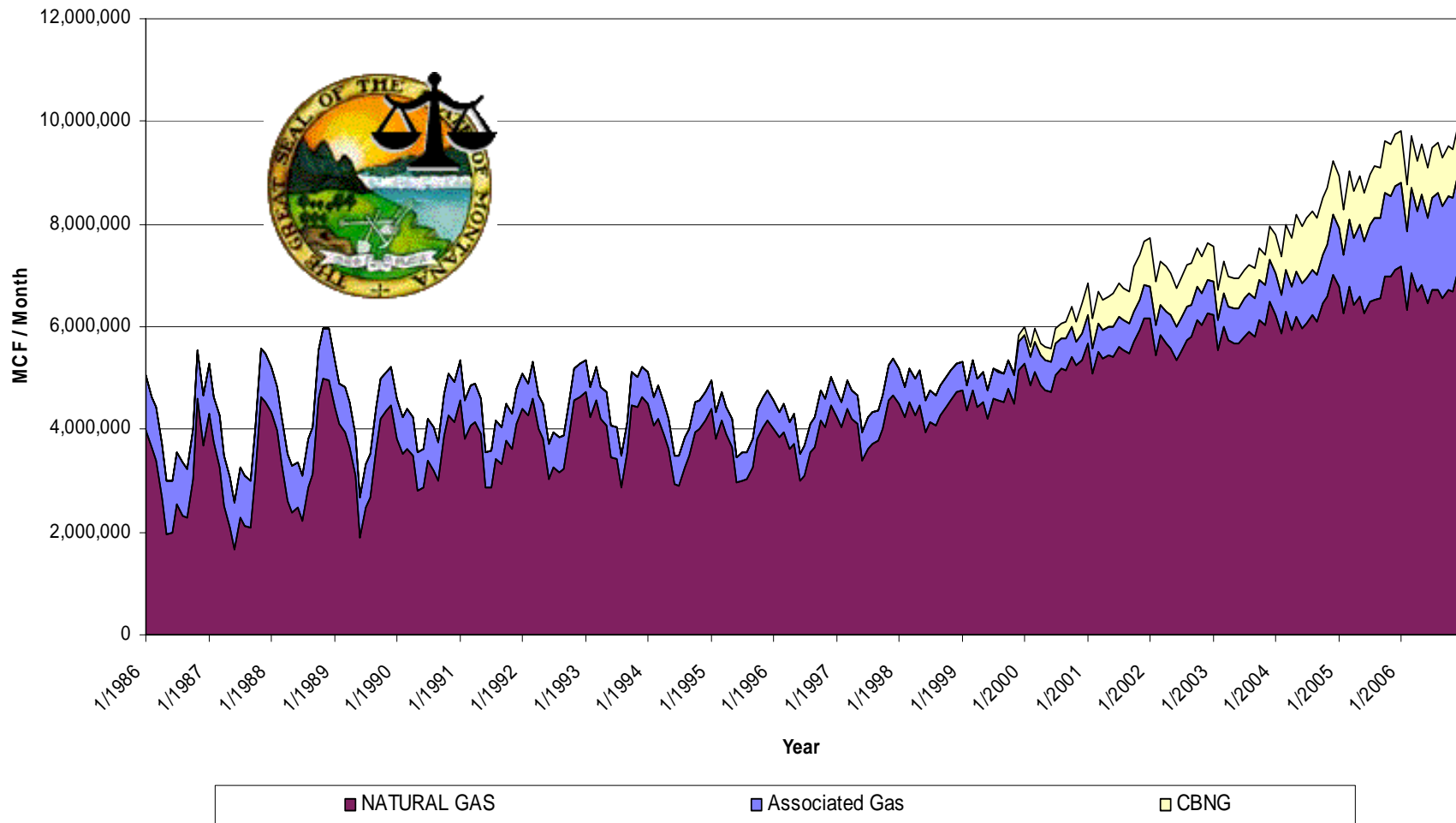
Montana Annual Oil Production

1916 through 2006



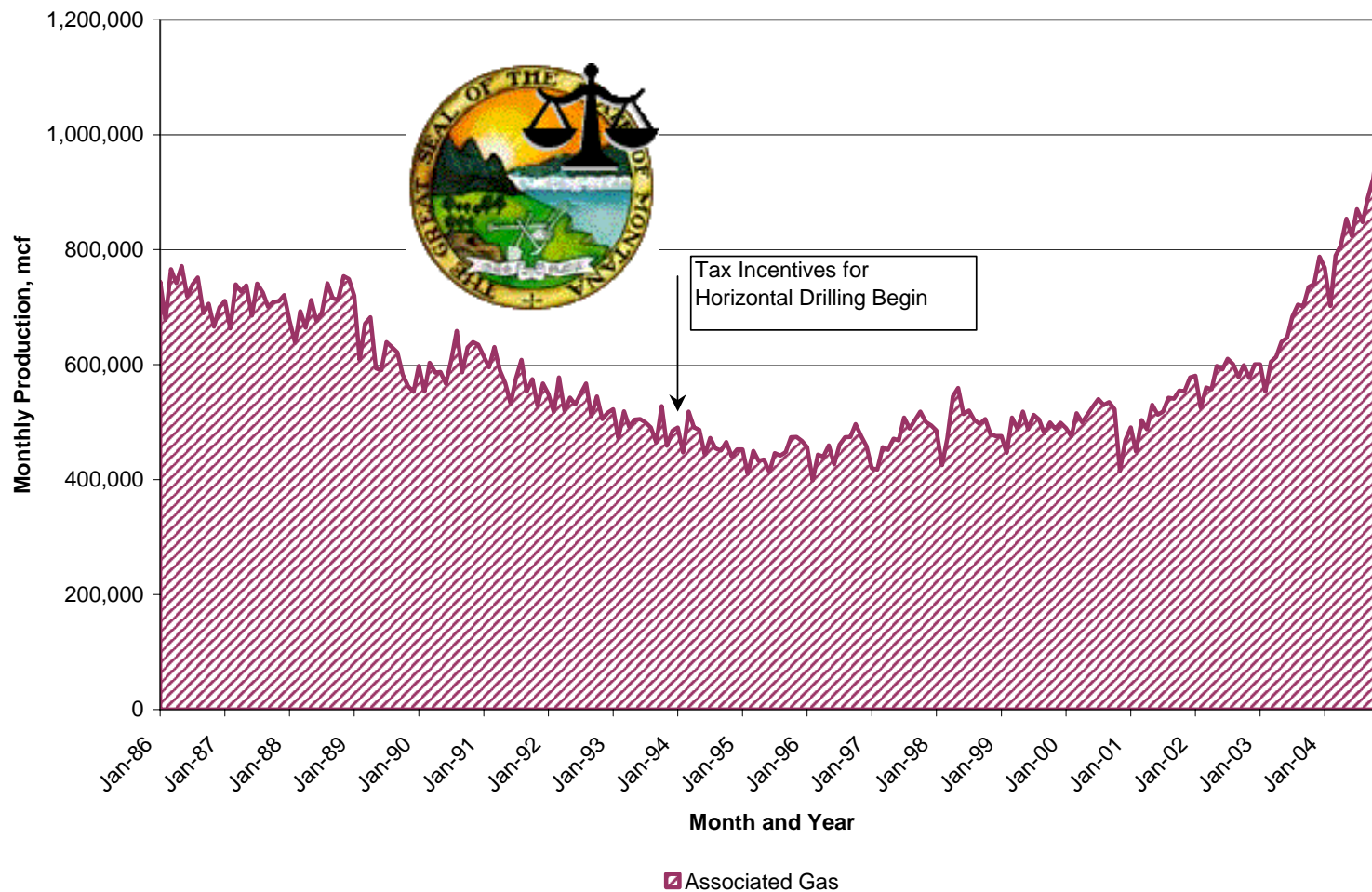
Montana Gas Production

Natural, Associated, and CBNG – All Wells
Jan. 1986 through Dec. 2006



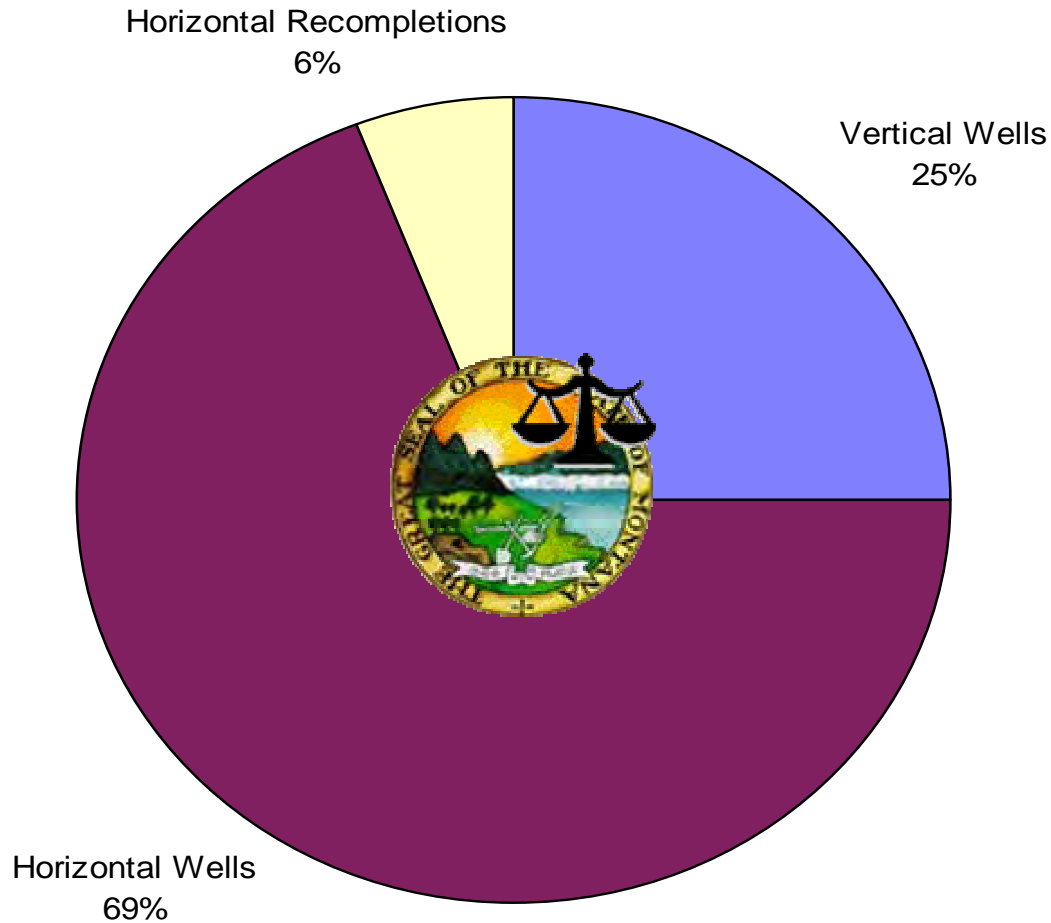
Montana Gas Production

Associated Gas Detail Jan. 1986 through Dec. 2004



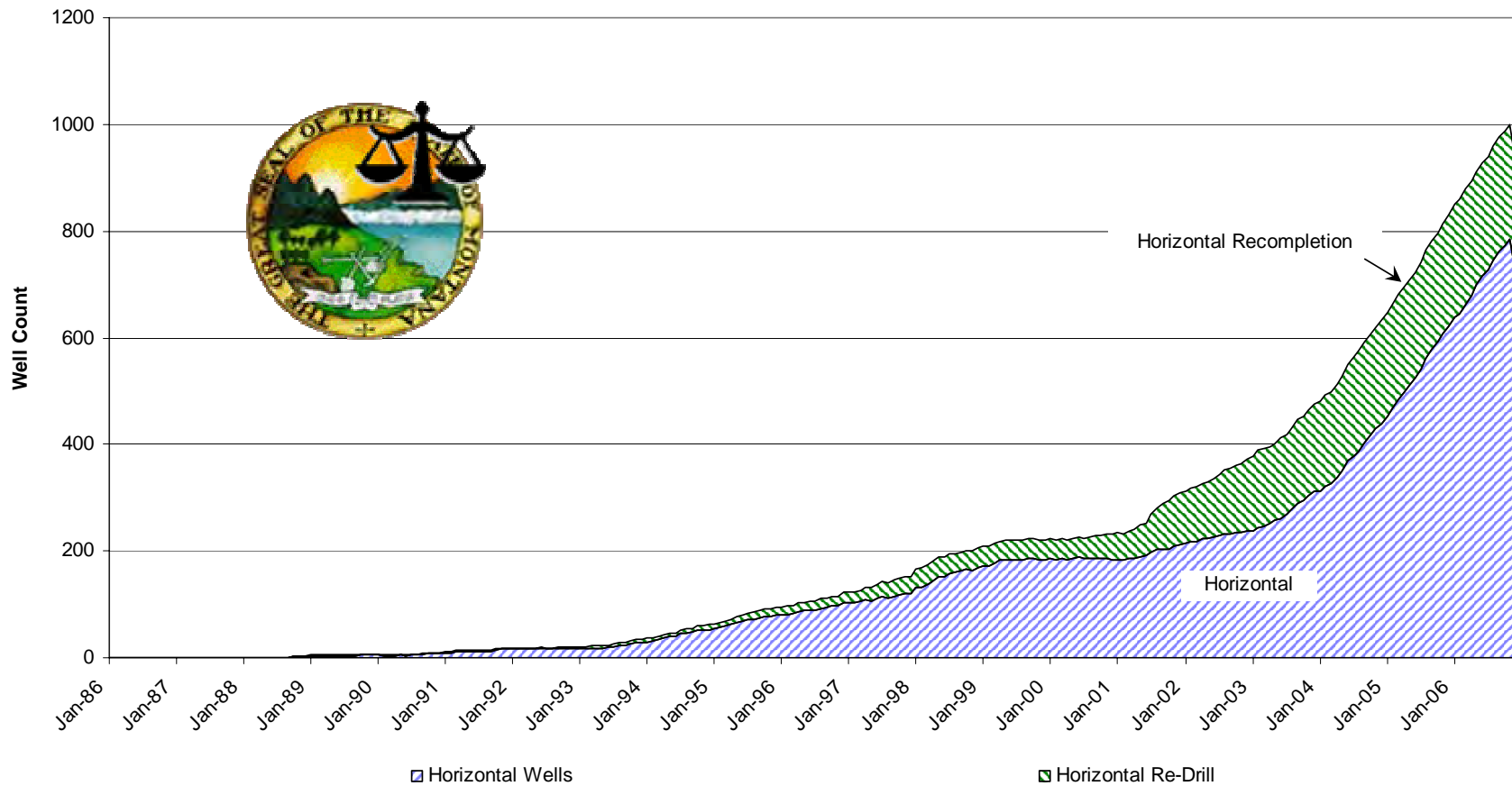
2006 MT Oil Production

by Well Type
(35,985,382 Barrels)



Montana Oil Production

Horizontal and Horizontally Recompleted Wells Jan. 1986 through Dec. 2006

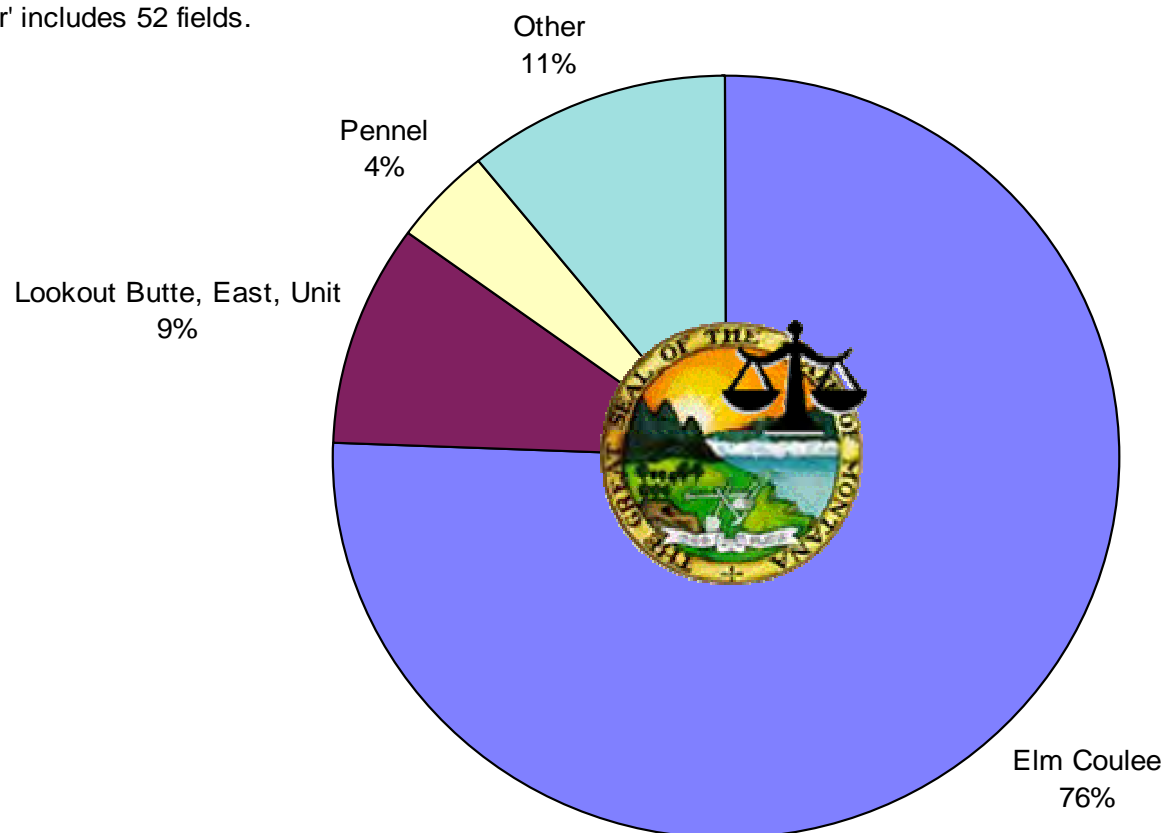


2006 Horizontal Production

Horizontal and Horizontal Recompletions, by Field

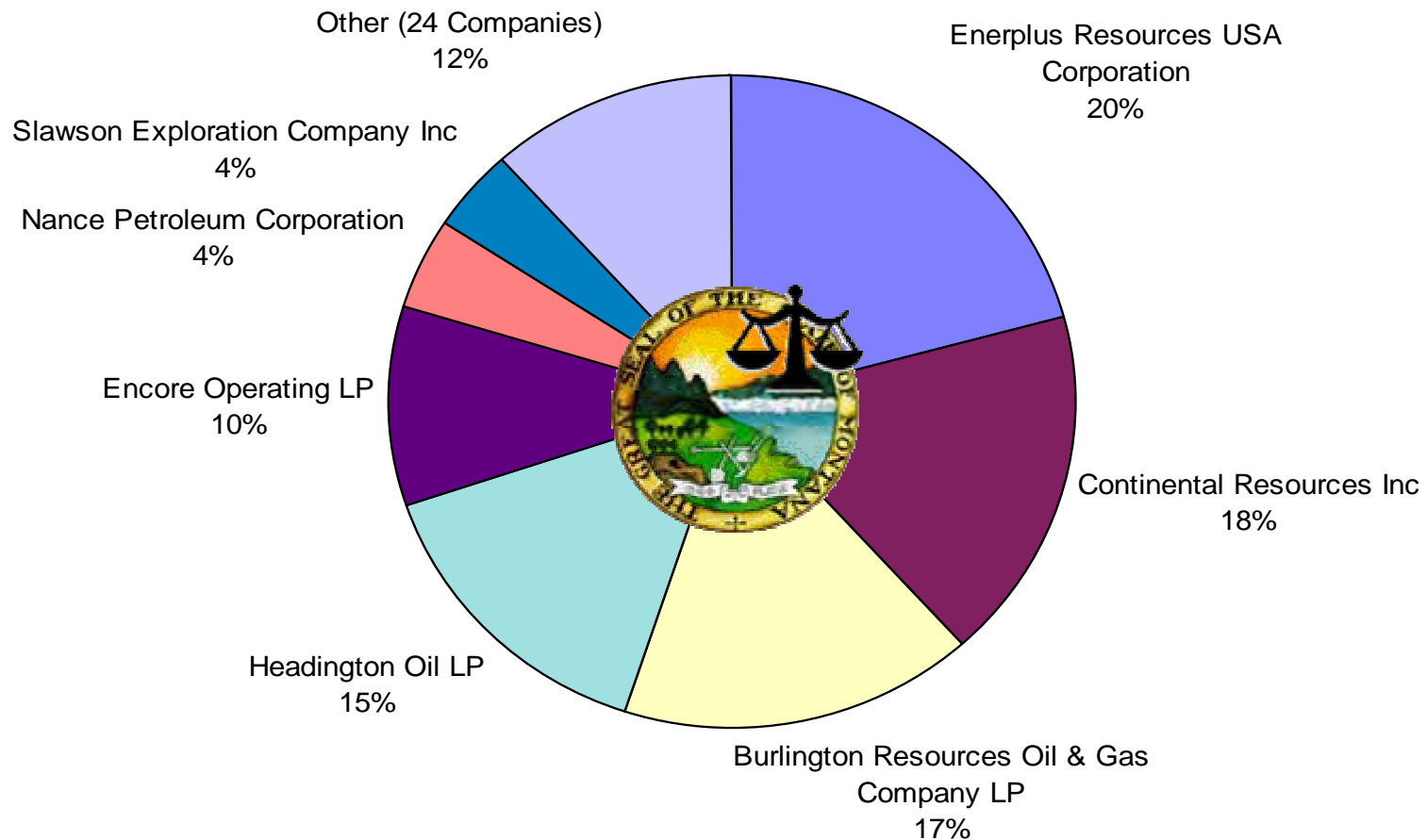
(24,823,683 barrels)

'Other' includes 52 fields.



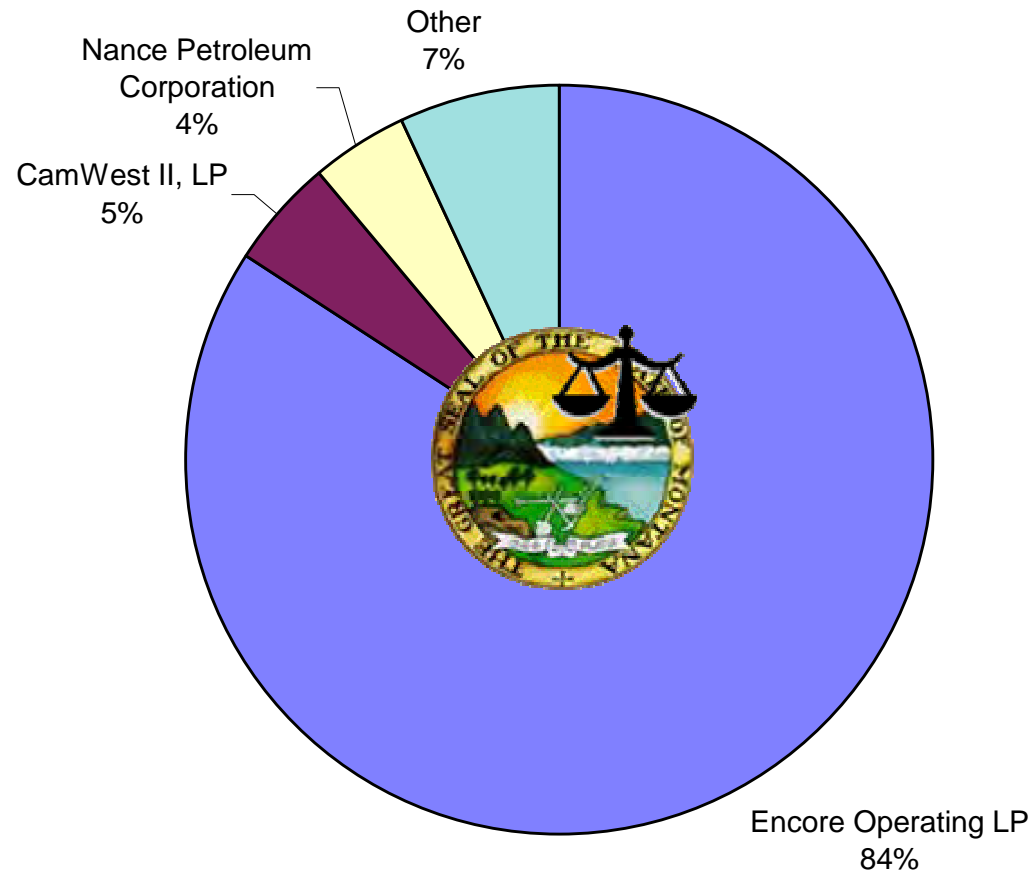
2006 MT Oil Production

Horizontal Wells, by Operator (24,823,683 Barrels)

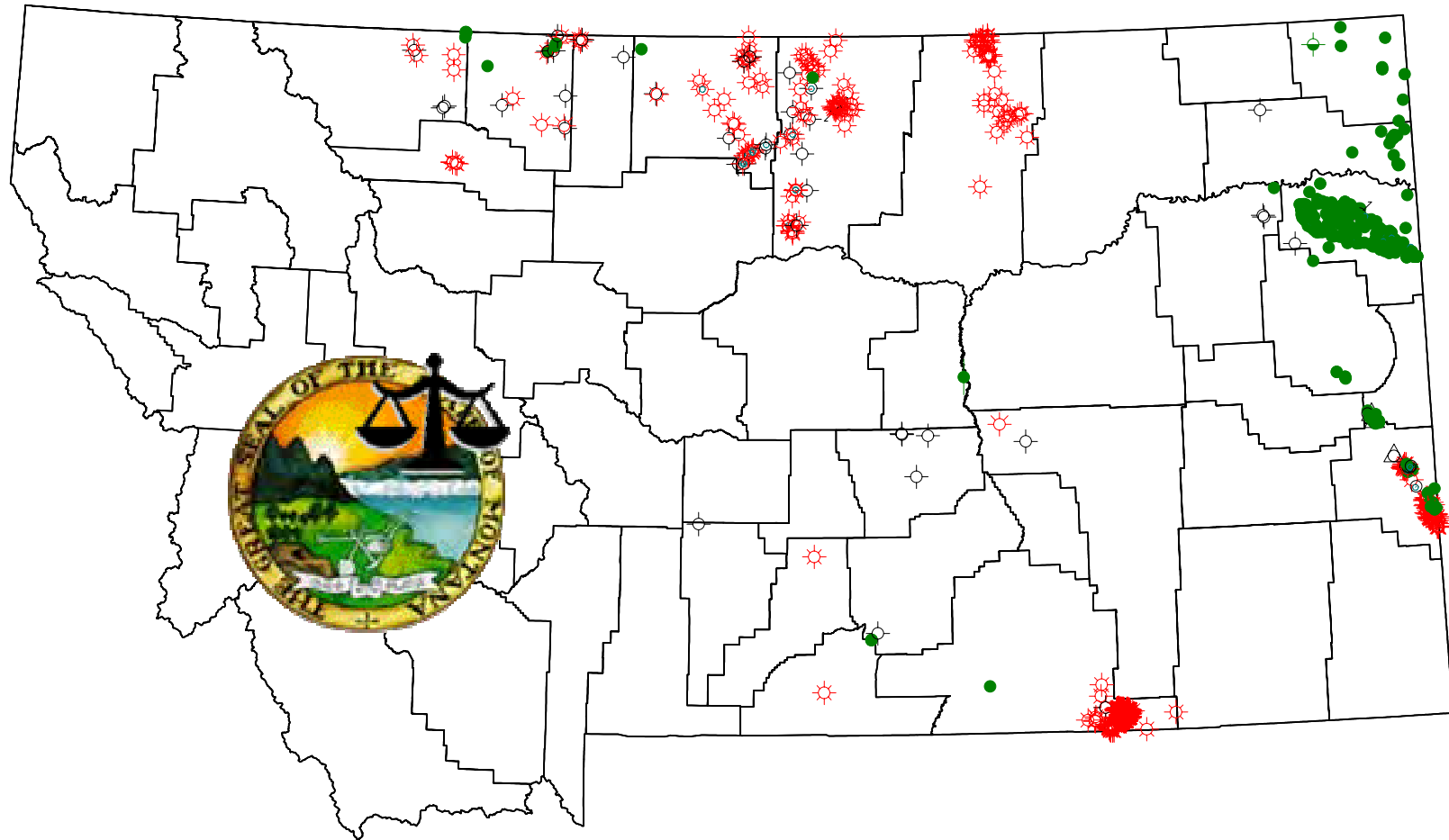


2004 MT Oil Production

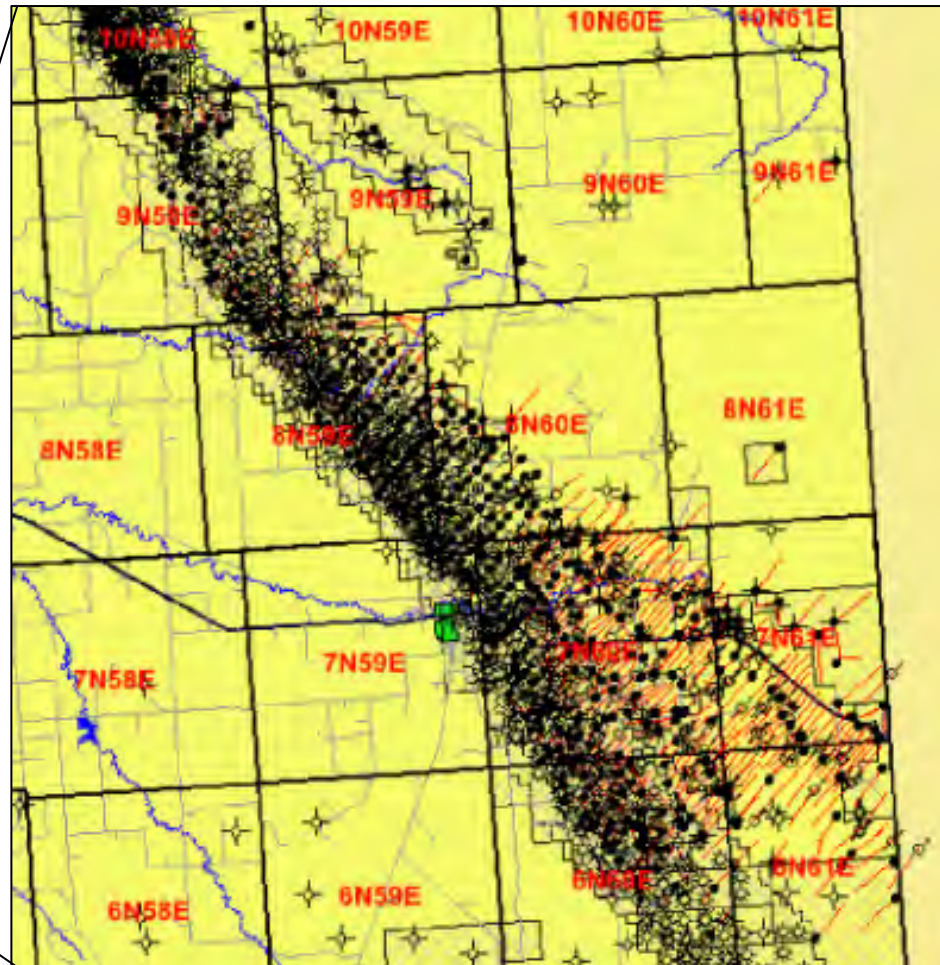
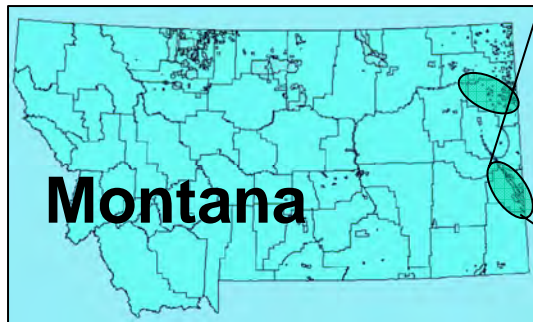
Horizontal Re Completions, by Operator (2,304,977 Barrels)



2006 Montana Oil and Gas Activity



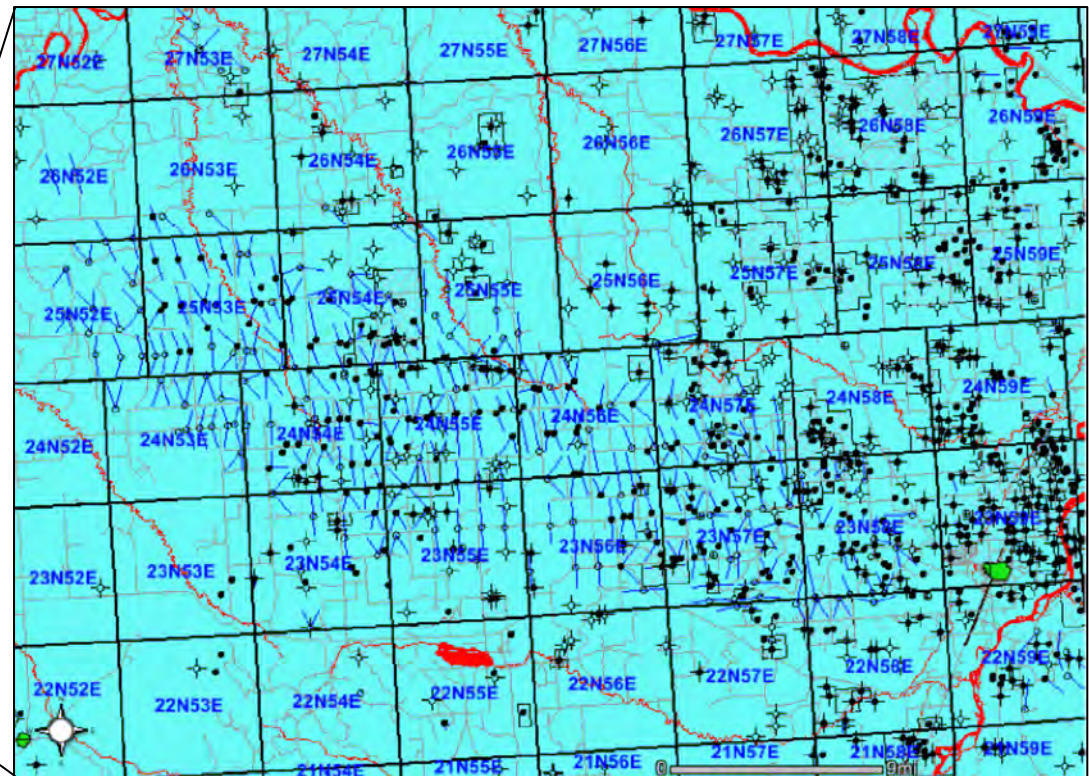
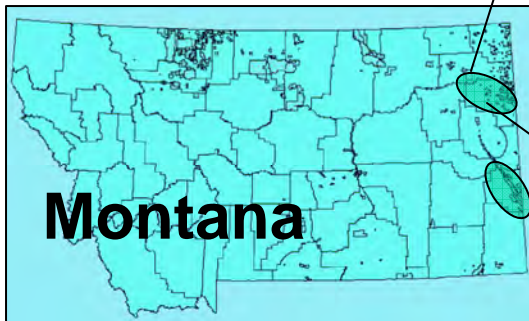
East Lookout Butte/Pennel Red River Play



East Lookout Butte and Pennel Fields

- **Red River B Formation at East Lookout Butte**
- **Ordovician/Silurian Unit at Pennel**
- **Horizontal Producers and Injectors**
- **Developed with New Drill Horizontal Wells in East Lookout Butte**
- **Horizontal New Drill and Horizontal Recompletions in Pennel**

Elm Coulee Bakken Play



Elm Coulee Field

- **Middle Member of Bakken Formation**
- **Horizontal Producers**
- **Primarily Single or Dual Horizontal Laterals**
- **Primarily New drill Horizontal Wells with some Horizontal Recompletions**
- **Fracture Stimulated**