

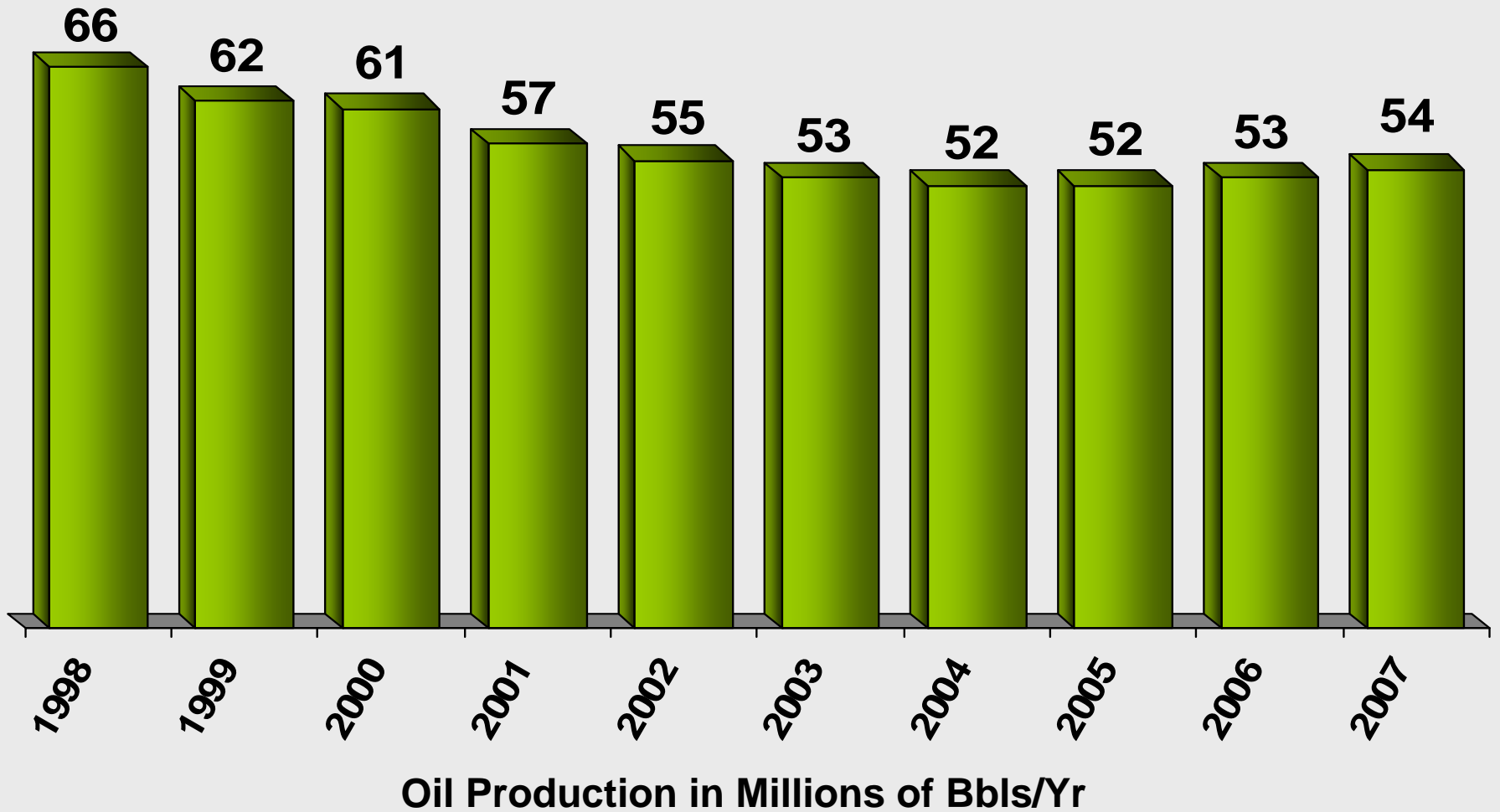
2008 Wyoming EOR/IOR Conference

# EOR in Wyoming

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State Oil & Gas Supervisor  
September 16, 2008



# OIL PRODUCTION FOR WYOMING 1998 - 2007



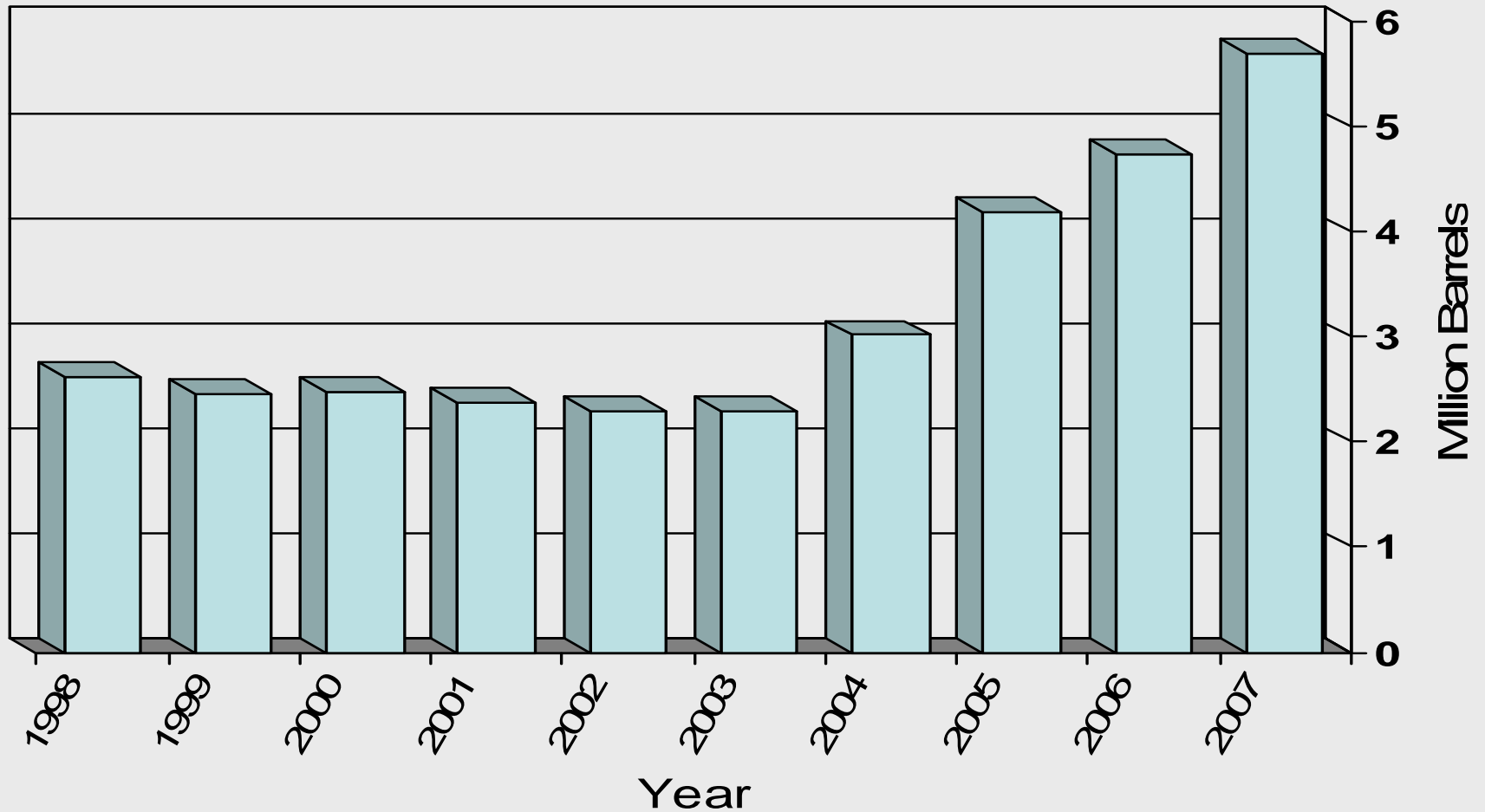
# Crude & Condensate Production

## 1998 - 2007

YEAR	CO2 OIL Bbl	Change %	OTHER OIL Bbl	Change %	CONDENSATE Bbl	Change %	CRUDE & CONDENSATE Bbl	Change %
1998	2,619,000	-12.8%	55,922,811	-7.9%	7,285,008	10.5%	65,826,819	-6.4%
1999	2,463,000	-6.0%	52,212,049	-6.8%	6,940,826	-4.8%	61,616,875	-6.4%
2000	2,481,000	0.7%	50,901,206	-2.5%	7,370,392	6.2%	60,752,598	-1.4%
2001	2,371,000	-4.4%	47,553,474	-7.1%	7,779,199	5.5%	57,403,946	-5.5%
2002	2,297,000	-3.1%	43,633,711	-7.7%	8,860,483	12.6%	54,791,194	-4.6%
2003	2,302,000	0.2%	41,111,635	-5.9%	9,133,451	3.1%	52,547,086	-4.1%
2004	3,021,000	31.2%	38,900,824	-5.4%	9,880,875	8.2%	51,802,699	-1.4%
2005	4,160,427	37.7%	37,139,767	-4.5%	10,436,708	5.6%	51,736,902	-0.1%
2006	4,740,214	13.9%	36,911,960	-0.6%	11,383,151	9.1%	53,035,325	2.5%
2007	5,677,279	19.8%	35,639,863	-3.4%	12,812,346	12.6%	54,129,488	2.0%
AVERAGE		7.7%		-5.2%		6.9%		-2.5%



# CO<sub>2</sub> OIL PRODUCTION





# **ANNUAL OIL PRODUCTION**

Volume, MMB

<b><u>2008</u></b>	<b><u>2007</u></b>	<b><u>% Change</u></b>
<b>21.9</b>	<b>22.4</b>	<b>-2.3</b>



# New CO<sub>2</sub> Floods

Beaver Creek

Sussex

Rancher's 3 Fields

Ameriwest's 2 Fields

Grieve



# CO<sub>2</sub> Flood Potential

Big Horn Basin

Green River Basin

Powder River Basin

Wind River Basin

Total Wyoming



# New CO<sub>2</sub> Sources

Lost Cabin Plant

Riley Ridge Plant

Hanna Plant

American Fork Plant

# Wyoming CO<sub>2</sub> Pipelines





# Other Gas Floods

Miscible Gas

N<sub>2</sub> Miscible

Flue Gas



# Steam Projects

Garland

LAK Ranch

Red Springs



# Chemical Floods

Water Polymer

Surfactant

Miceller

Alkali



# Oil Mines

Greybull

Osage

Poison Spider