

## The Co-production Promise and Challenges

*Reservoir management Well and completion design* 



#### The Conventional Approach: Binary Systems

## The Alternative: Annular Circulation Co-Production System







#### ACCS Advantages and Limitations

#### <u>Advantages</u>

**Limitations** 

#### ACCS Model

#### ACCS Model Results: The Base Case



Reserve	bir Depth (ft) 10,000	
近代的其他的	voji (Depth (ff) 🛛 🐎 10,0	
· ·- ·	10608c	:@@
		1976 - 1976 -
	>>>水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水	4,500 3,826
	Service Example Fred I Prost res	7.000
		Quesa, chain
	A State of the second second second	2007 Sec. 22
	and the second	Concernation To the
<sup>=</sup>	/ Charles / State / St	Line Contraction of the
	200 4 500 2 5	- Wotor

#### ACCS Model Results: Fluid Rates

# ACCS Model Results: Circulation Depth and WF Type



### ACCS Option: Downhole Pump



