O'Connor & Associates January: Oil & The Office Market Speaker: Bruce Rutherford, International Director JLL

TAKEAWAY: Houston office market will suffer extreme weakness in those submarkets depending on the Energy Sector: The Energy Corridor, Greenspoint, Westchase, & The Woodlands. Less pain in the CBD, but still some, and some in the Galleria. Oil prices should be in the \$60-62 range by end of 2016, but will have to stabilize for a period of many months before any new hiring by oil companies. Mergers & acquisitions and bankruptcies will continue to throw sub-lease space into an already glutted market in these submarkets.

BY RAY HANKAMER

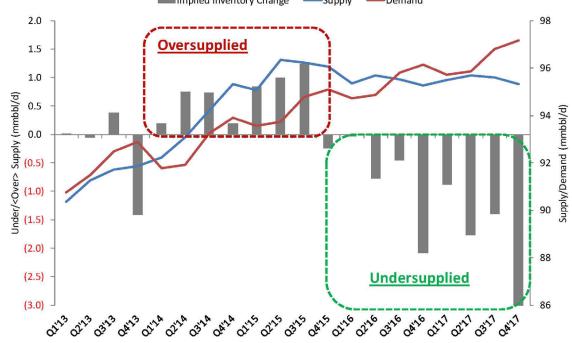
- Oil traders, not refineries or endusers, establish the price of a barrel of oil
- Supply is falling off dramatically as it becomes un-economic to produce, but demand, while slowing a little, continues to grow worldwide
- China's middle class is burgeoning and vehicle ownership will create ongoing rising demand into the foreseeable future
- US has become the world's swing producer, replacing OPEC in years past; US is very nimble in responding to market forces and can turn the spigot on or off more efficiently than many other producer countries
- Some countries whose production costs are high will cease producing altogether, while American engineers are resourceful and will continue lowering the cost of bringing a barrel to market
- Offshore is more expensive and development there take a very long time; it will be the last to resume exploration after prices stabilize
- For tenants, now is the time to move up to quality and to lock in long-term deals at lower rates
- For landlords, lead the market down by being pro-active to get / keep the best tenants; don't

'follow the market down'

- Energy Corridor office has 17% vacancy including sub-lease and it may be 35% by end of the year
 Houston is where the core
 - employees of the worldwide oil

and gas industry are working and they are far less likely to be laid off than blue collar or other employees in far-flung branch locations "2018" should be a super year for Houston-ongoing from there will be ups and downs but nothing so dramatic as we have experienced recently

This is how oil prices are better, sooner Global crude production



Source: U.S. Energy Information Administration, Tudor Pickering, JLL Research