

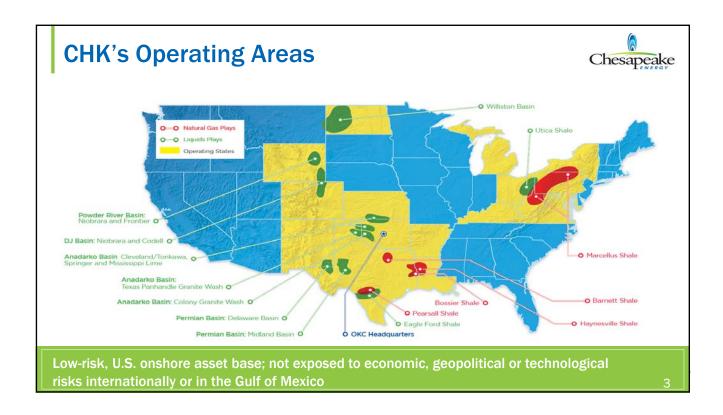
Chesapeake Energy Overview





- Second-largest producer of U.S. natural gas and a Top 15 producer of U.S. liquids
- Most active explorer for natural gas and liquids with 161 active U.S. drilling rigs as of February 2012
- Employ over 13,200 people in 17 states
- Applying unconventional thinking and state-of-the art technologies, Chesapeake has grown from a \$50,000 startup in 1989 to a \$30 billion enterprise
- Chesapeake is leading the industry effort to reduce American dependence on high-cost foreign oil and on higher emitting fuels through the greater use of natural gas in transportation and electric generation

2



Brownfield at Chesapeake



- How is Chesapeake involved in Brownfields?
- Chesapeake purchases real estate for:
 - Regional corporate offices and field offices
 - Compressor stations
 - › Drilling sites
 - Disposal wells
 - > Commercial development
- Property acquisitions provide opportunities for traditional and alternative energy brownfield projects
- Brownfields are well suited for energy development projects

Food for Thought



- Goals of EPA's Brownfields program
 - > Clean up and reinvest in blighted properties
 - > Encourage / leverage private investment
 - > Put Brownfields into productive use
 - Create jobs and improve local economy
- In North Texas, Chesapeake has
 - Invested more than \$219MM through acquisition and cleanup at 47 Brownfields
 - > Turned 24 Brownfields into sites that produce a clean burning energy source, generate millions of dollars in local revenue, and create local jobs

Traditional Brownfield Projects

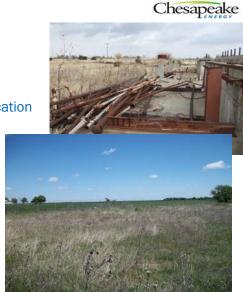


- Bunge Edible Oils (TX)
 - Original home of Armour & Co meatpacking plant
 - Converted to cooking oil plant in 1960s
 - Chesapeake acquired in 2007 for possible regional office
 - > Buildings on the property were deemed uninhabitable and structurally unsound
 - > Chesapeake abated all asbestos in 2010
 - > Remaining buildings are currently undergoing "de-construction" so as to preserve the historic brick used to construct building
 - > The site is in a prime development area in the Fort Worth Stockyards



Traditional Brownfield Projects

- Former E&P yard (OK)
 - > Former yard / compressor site
 - > CHK acquired through donation, but never operated location
 - After acquisition, CHK cleaned up junk equipment and removed asbestos
 - Chesapeake entered the site into the OK Corporation
 Commission Brownfields program in early 2011
 - > Final closure letter was obtained in December 2011 with no remediation required
 - Site currently being used by service companies owned by Chesapeake



Alternative Energy Brownfield Projects



- Metromart (OK)
 - Former gas station located in NW OKC
 - Active LUST case
 - Working with OCC, tanks were removed and contaminated soil excavated
 - All surface structures were recently demolished
 - Plan to construct a large CNG station and convenience store



8

Alternative Energy Brownfield Projects

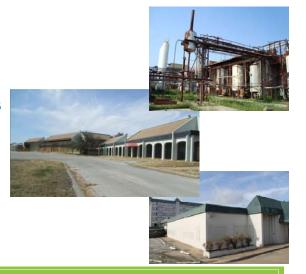


- Barnett Shale (TX)
 - > 47 brownfields purchased in the Fort Worth area totaling 754 acres
 - > \$219MM spent on property acquisition, environmental studies, and cleanup
 - > 31 sites are currently, or will eventually become, well sites
 - > There are currently 86 producing wells / 135 proposed wells on these sites
- Haynesville Shale (LA)
 - Three brownfields purchased in the Shreveport, LA area totaling approximately 21 acres
 - > \$1.8MM spent on property acquisition and environmental studies
 - > Sites are proposed drilling locations, but will be sold if not needed

Alternative Energy Brownfield Projects



- Acquisitions have included:
 - > Motels
 - > Warehouses
 - Abandoned buildings and strip malls
 - › Auto service/wrecking/sales
 - Salvage yard
 - > Rail off loading site
 - Former airport
 - Multi-family housing
 - Vacant property



Mixed-use Brownfield projects

- 7th Street properties (TX)
 - > 40-acre tract with industrial past
 - Approx 3-5 acres being used for gas production
 - 2 producing wells
 - 6 proposed wells
 - > Remainder be used for commercial development
 - Demolished many blighted structures and removed trash/debris
 - Conducting a site assessment to determine need for further action







Mixed-use Brownfield projects



- > Blighted regional ballpark turned into Chesapeake field office
- > Asbestos abatement was only remediation required
- > Minor groundwater issues on adjacent site
- > Site includes 2 producing wells, 1 disposal well, and compression facility

Former Blue Swan Airport (PA)

- 50 acre site to be used as new combined service Chesapeake field office
- > CHK identified groundwater issues from former AVGAS USTs, but below action levels
- > CHK closed abandoned monitoring wells
- > PADEP indicated no further action required



Chesapeake







Mixed-use Brownfield projects



- Mercado property (TX)
 - > 10-acre former C&D landfill
 - Approx 3 acres used for production and compression
 - 9 producing wells
 - 1 proposed well
 - > Approx 6-7 acres proposed for divesture
 - > CHK had prior interest from developer as possible hotel site
 - > CHK has entered site into the TCEQ Voluntary Cleanup Program
 - > No remediation will likely be required



Chesapeake

Future Brownfields

- As we enter into new operating areas, new opportunities for Brownfield projects are evaluated
- Ohio (Utica Shale) currently has potential for additional Brownfields projects
 - State has a heavy industrial past
 - > CHK is working with the Ohio EPA in considering options for properties that are potential brownfields
 - > Examples of sites currently being evaluated include auto salvage yards, maintenance facilities, etc

14

Making a Positive Impact



- We have reversed the relationship between oil/gas industry and Brownfields
- Chesapeake is making a positive impact to Brownfields before drilling ever starts
 - > We have conducted a significant amount of demo and surface cleanup
 - > Some sites will be used for gas production
 - > Some will be returned to real estate market in a more desirable state
 - Purchased two City of Fort Worth / Tarrant County brownfield assessment sites

Chesapeake has improved many Brownfields left behind by other non oil and gas uses

on and gas uses

Putting Barnett Brownfields to Productive Use



- Chesapeake has purchased and cleaned up 47 blighted properties totaling
 754 acres in North Texas
- Investment continues in other plays
- Most brownfield sites acquired will be used for natural gas wells
- One Texas site also serves as a Chesapeake regional office
- Properties that are no longer needed will be sold as clean sites
- 24 former Brownfields now have padsites with a combined 86 producing wells in the Barnett Shale
- With conservative estimates, one 12-well Barnett Shale padsite can produce
 - > \$20.3 million in royalties to residents
 - > \$9.3 million to state and local taxing jurisdictions
 - > \$23.5 million+ to local workforce and businesses

Brownfields for Alternative Energy OKLAHOMA BROWNFIELDS CONFERENCE

MAY 23, 2012



