



JOY⁺**GLOBAL**

**2013 USA LONGWALL Exhibition & Conference
Partnering to Develop a Productive
Automated Longwall System**

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June 12th 2013

Partnering to Develop a Productive Automated Longwall System



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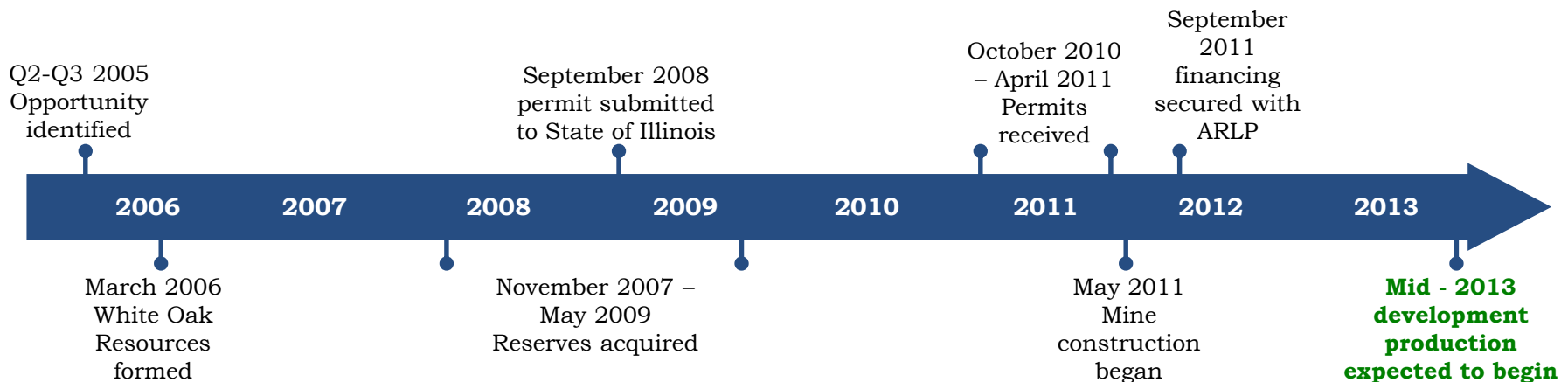
What are Partners?



White Oak Resources - Company Overview



- White Oak is a coal company headquartered in McLeansboro, Illinois with operations in Hamilton County, Illinois
- Access to over 1.0 billion tons of recoverable coal reserves in the Illinois Basin
- Currently developing Mine No. 1, which is expected to produce over 200 million tons from the Herrin #6 coal seam with commercial production beginning in 2014
- Mine No. 1 is expected to produce 6-7 million tons of coal annually
- On 09/22/11, White Oak entered into a series of transactions with Alliance Resource Partners, L.P. (“ARLP”) whereby ARLP agreed to provide financing for the development of Mine No. 1



White Oak Resources



June 8, 2013

**First slope
development
coal!**



In the Beginning.....



Building the Framework

Getting Acquainted

Who's Who?

Who's In Charge of What?

How Do We Communicate?

What's the Reporting Structure for Each Company?

Sharepoint



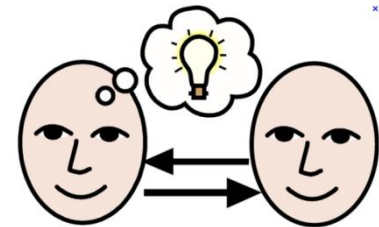
Mutual Understanding

What Does the Customer Want?

Are We Able to Deliver?

What are Each of Our Core Competencies?

How do We Capitalize on This Knowledge / Experience?



Establishing Trust

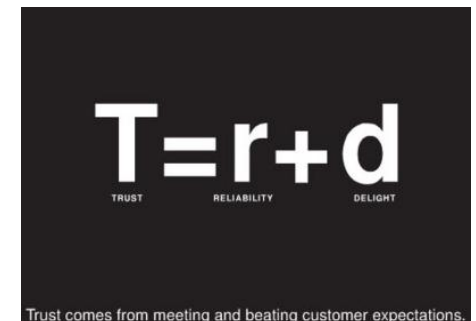
How Do We Plan to Deliver?

What is the Performance Criteria?

How to Exceed Expectations?

How to Apply Automation Reliably?

How to Mitigate Risk with Innovations?



Understanding One Another

Capitalizing on Core Competencies

White Oak Resources

An Experienced Team of Coal Mining Personnel With a Focus on Safety, Productivity, and the Environment From Entry Development to Coal Processing



Joy Global

Manufacturer of the World's Most Productive Mining Machinery
Over 90 Years of Manufacturing U/G Mining Machinery Experience
Focus on Control System Integration and Communications
State of the Art Automation Features
Cutting Edge Technical Innovations

Delivering on Expectations



Focus On Core Products

Rely on What Joy Does Best

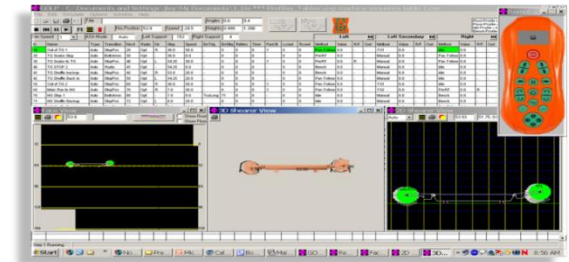
Roof Supports, AFC, and Shearer
Smart Services
Training



Automation

Safe & Reliable Proven Technologies

High Speed Redundant Comms
Advanced Shearer Automation
Enhanced SAFETY



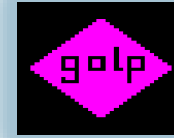
Innovations

Risk Mitigation

Global Experience
Extensive Testing and Validation



The Innovations



Advanced Shearer Automation

Inertial Navigation System (Landmark)



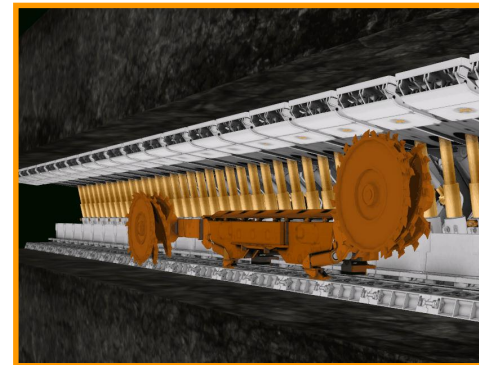
Roof Support Controlled Lighting

Longwall Proximity Detection



Enhanced Anti-Collision

Visualization



Mitigate Risk

Ensure Optimal Productivity

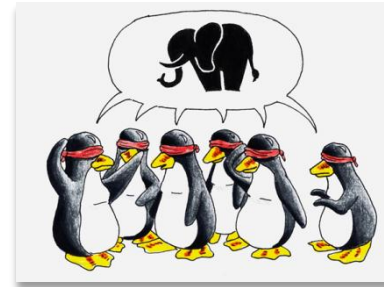
Lessons Learned

Thorough Understanding

Clear Expectations

Confidence Through Planning

Ongoing Communications



What's Next?

Equipment Delivery September 2013

**Mini-build from November thru January 2014
Training**

Longwall Startup 2014



Closing.....



A Young Partnership

Early Successes

Equipment Builds in Progress

Great Potential

Show Time is Approaching





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Thank You