Fruitland Coal Increased Density Pilot Project

Increased Density Well Economics

- Gas Price
- Average 12 Month NYMEX Strip Price as of 03/19/09 = \$5.00/MMBTU
- San Juan Basin 2009 Basis Differential (estimate) = (\$1.00/MMBTU)
- Net San Juan Basin Index Price = \$4.00/MMBTU
- Residue Value (865 MMBTU/MCF after field & plant fuel + liquids shrink) = \$3.46/MCF
- Gathering Fee = \$0.42/MCF
- Processing Uplift = \$0.75/MCF
- Net Price After Adjustments = \$3.79/MCF
- Gross Revenue for Incremental Reserves (@ 1,276 MMCF EUR)
- \$4,836K
- Less Royalty @ 18% (Before Gathering Fee) (\$870K)
- Less Production and Ad Valorem Taxes @10% (After Royalty)
 (\$397K)
- Less Operating Cost @ \$1.05/MCF (\$1,340K)
- Less Drilling, Completion & Equipment Cost @\$400K (\$400K)
- Net Revenue per Location (@ 1,276 MMCF EUR)
- \$1,829K
- **Economic Results**
- EUR = 1,276 MMCF: IRR = 20.1%, NPV10 = \$366K
- EUR = 992 MMCF: IRR = 19.4%, NPV10 = \$296K
- EUR = 894 MMCF: IRR = 19.0%, NPV10 = \$268K
- EUR = 766 MMCF: IRR = 18.6%, NPV10 = \$235K



NMOCD Presentation



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