



Exhibit Tab No. 8

Proposed Pictured Cliffs Pilot Program

Pictured Cliffs Pilot Program

- **Primary Goal**

- Investigate the need for increased density drilling to optimize the recovery of the PC resource in the SJB & develop guidelines

- **Strategy**

- Evaluate historical production, pressure & core data
- Acquire new core, refine petrophysical model, revise volumetrics
- Complete pilot wells & monitor/evaluate productivity trends
- Investigate & refine drilling/completion techniques
- Perform pilot well simulation studies & model infill performance

- **Partnership participation**

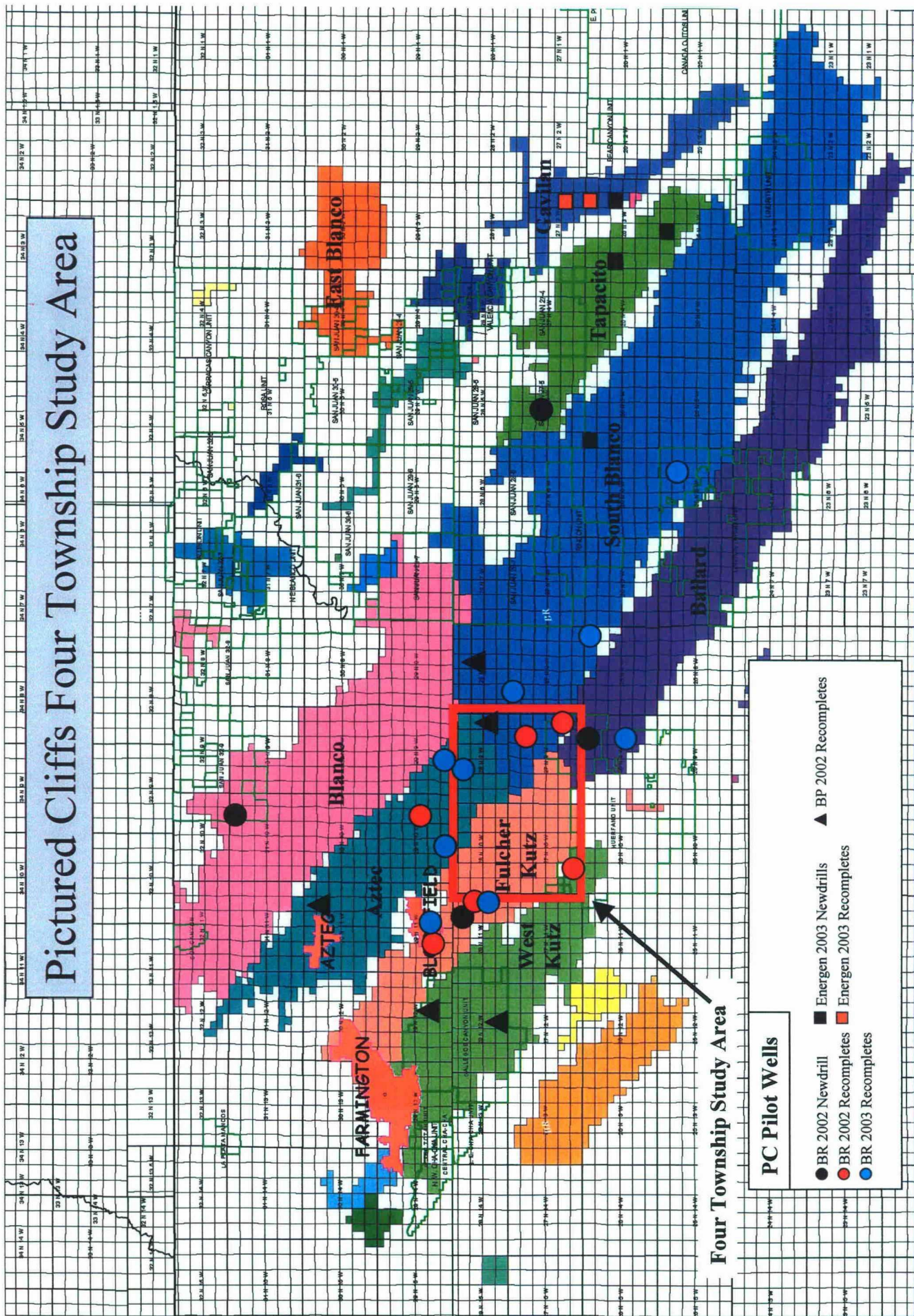
- BP America Inc. & Energen Resources Inc.

Pictured Cliffs Pilot Program

Summary of Program Study Areas

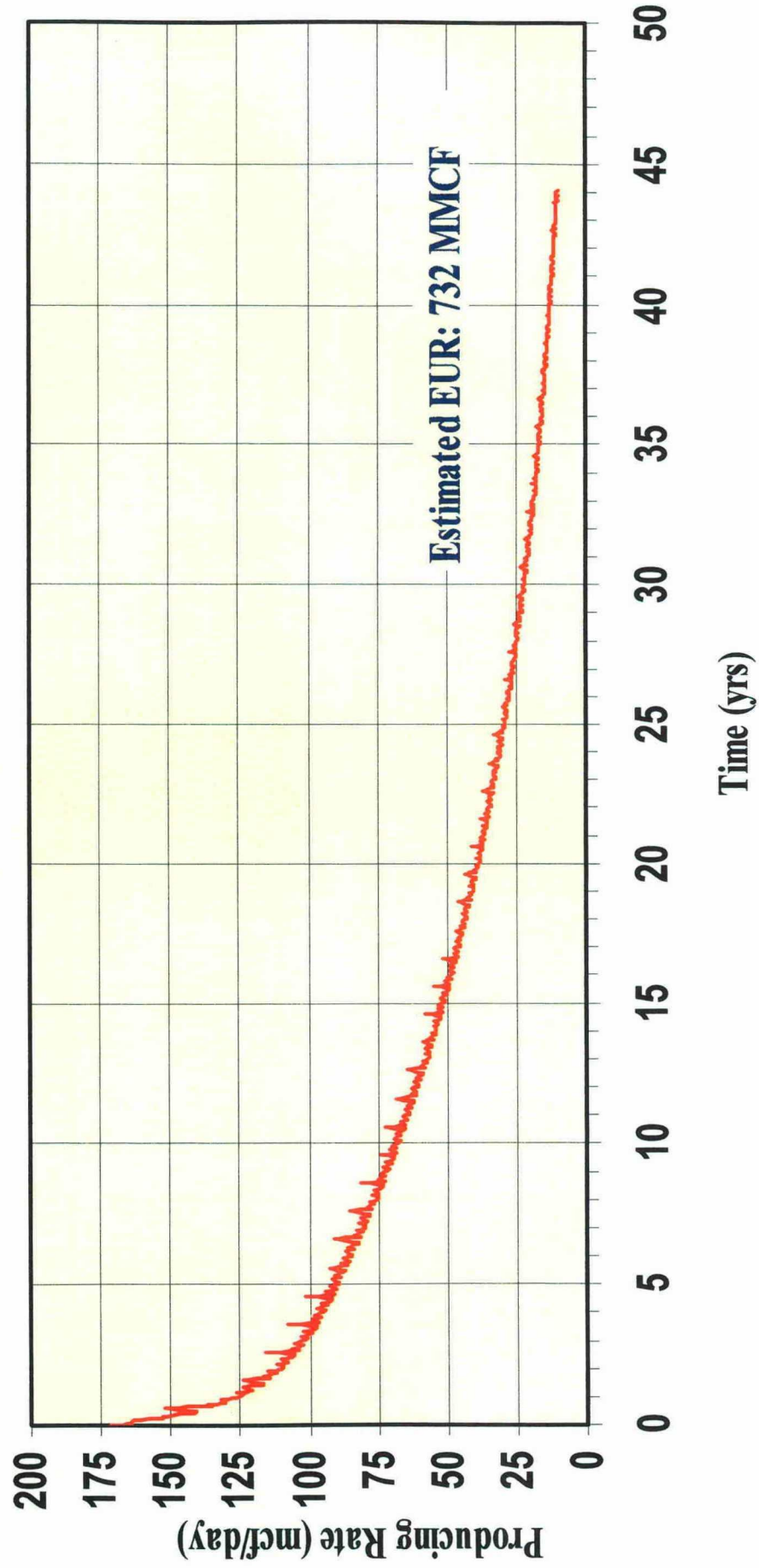
- Layer Pressure Measurement
- Evaluation of Historical 80-acre Well Pairs
- Evaluation of PC Re-stimulation & Re-drill Programs
- Hydraulic Fracture Diagnostics & Model Development
- Petrophysical Model Development
- Reservoir Mapping & Volumetric Model Development
- 80-acre Pilot Well Performance Evaluation
- Model Simulation Studies of Pilot Well & Prediction of Future Infill Well Performance
- Drilling & Completion Optimization Studies

Pictured Cliffs Four Township Study Area



Pictured Cliffs Pilot Program

Predicted Rate Profile for "Typical" Pilot Well



Pictured Cliffs Pilot Program

“Typical” PC 80-Acre Well Production Profile

- Flow-stream Parameters
 - Decline Type: Hyperbolic to Exponential
 - IP: 180 mcf/d
 - Q_f : 10 mcf/d
 - D_i : 28%
 - D_F : 5%
 - N: 4.0

Pictured Cliffs Pilot Program

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Pictured Cliffs Pilot Program

Estimated Capital Expenditures

- Development Recomplete: \$150,000
- Development FC/PC Commingle: \$180,000
- Development New Drill: \$200,000
- Pilot Recomplete: \$210,000
- Pilot New-drill: \$350,000

Pictured Cliffs Pilot Program

Main Target Dates for Pilot Programs

- BR to drill / recomplate ten 80-acre pilot tests by Dec. 2002
- BP/Amoco to recomplate five 80-acre pilot tests by Dec. 2002
- BR to obtain two PC cores & complete routine analyses by Dec. 2002, advanced analyses by July 2003
- BR to recomplate nine pilot tests by July 2003
- BR to complete petrophysical model revision & basin volumetrics by Aug. 2003
- Energen drill / recomplate six 80-acre pilot tests by Dec. 2003
- BR to complete model simulation studies by Dec. 2003