



PANTHEON
RESOURCES PLC

Investor Presentation – May 2008

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Investment Highlights

- Niche player in Gulf of Mexico region
- Base created with production/cash flow from existing discoveries
 - Achieved within six months of IPO
 - Success rate at 55% since IPO
- New play in East Texas Austin Chalk provides potential for significant value creation
- Known producing region with successful drilling nearby
- Extension/development play to add to existing high impact exploration well
- Drilling programme to commence in June 2008 with potential for up to 35 to 60 wells
- CEO has over 40 years experience in Austin Chalk both personally and through Arco

Pantheon - Current Assets

- Padre Island – 2 producing wells
- South Texas – 3 producing wells
- Current net revenue interest production from 5 wells c.550 mcfe per day
- Low operating cost & overheads

Map of Austin Chalk Play



Tyler County Texas Chalk*

- Known producing region – Brookeland Field
- Has been drilled by Anadarko and Ergon
- Overall Tyler County programme 44 of 45 wells “on structure” are economic
- Equivalent to 98% success rate
- Wells “off structure” are uneconomic

**All Tyler County Texas Chalk data provided by Vision Resources LLC*

Tyler County Texas Chalk*

- From public data**, Anadarko has 27 successful wells out of 28 drilled
- Success rate of 96%
- Sole unsuccessful well was mechanical failure. Now being redrilled
- Average gross recovery from Anadarko wells = 5 billion cubic feet per well
- Average net (after capex) PV per well = US\$16 mln (c \$75 oil & \$6.50 per mcf gas)

**All Tyler County Texas Chalk data provided by Vision Resources LLC*

***Texas Railroad Commission*

Tyler County Texas Chalk*

- Estimate Anadarko Tyler County Play yielded US\$500 mln net operating income/cash flow to date.
- Ergon Ratcliff well offsetting proposed Pantheon (Vision) acreage.
- Initial production of 490 barrels condensate and 26 million cubic feet gas per day.

**All Tyler County Texas Chalk Data Provided by Vision Resources LLC*

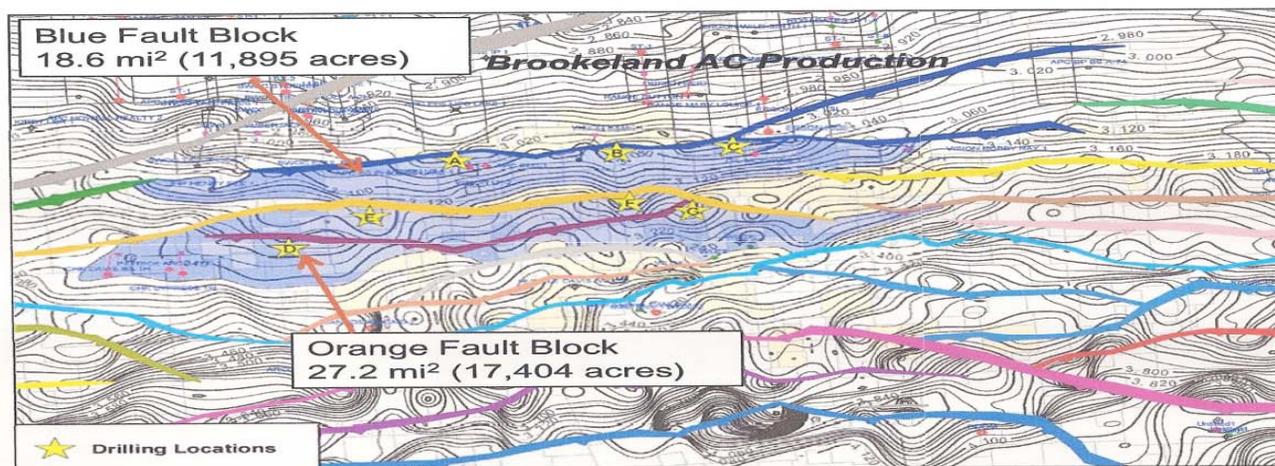
Tyler County Texas Chalk*

- Vision Resources (operator) controls next stage of play expansion
- Anadarko/ Ergon have drilled north to south to Vision's northern lease line
- Pantheon would have 25% interest in this play extension
- Pantheon's partners would be Vision Resources & Kaiser-Francis Oil
- 35-60 potential well locations on Vision acreage
- 3 years studying & developing leasehold position – 25,000 + acres

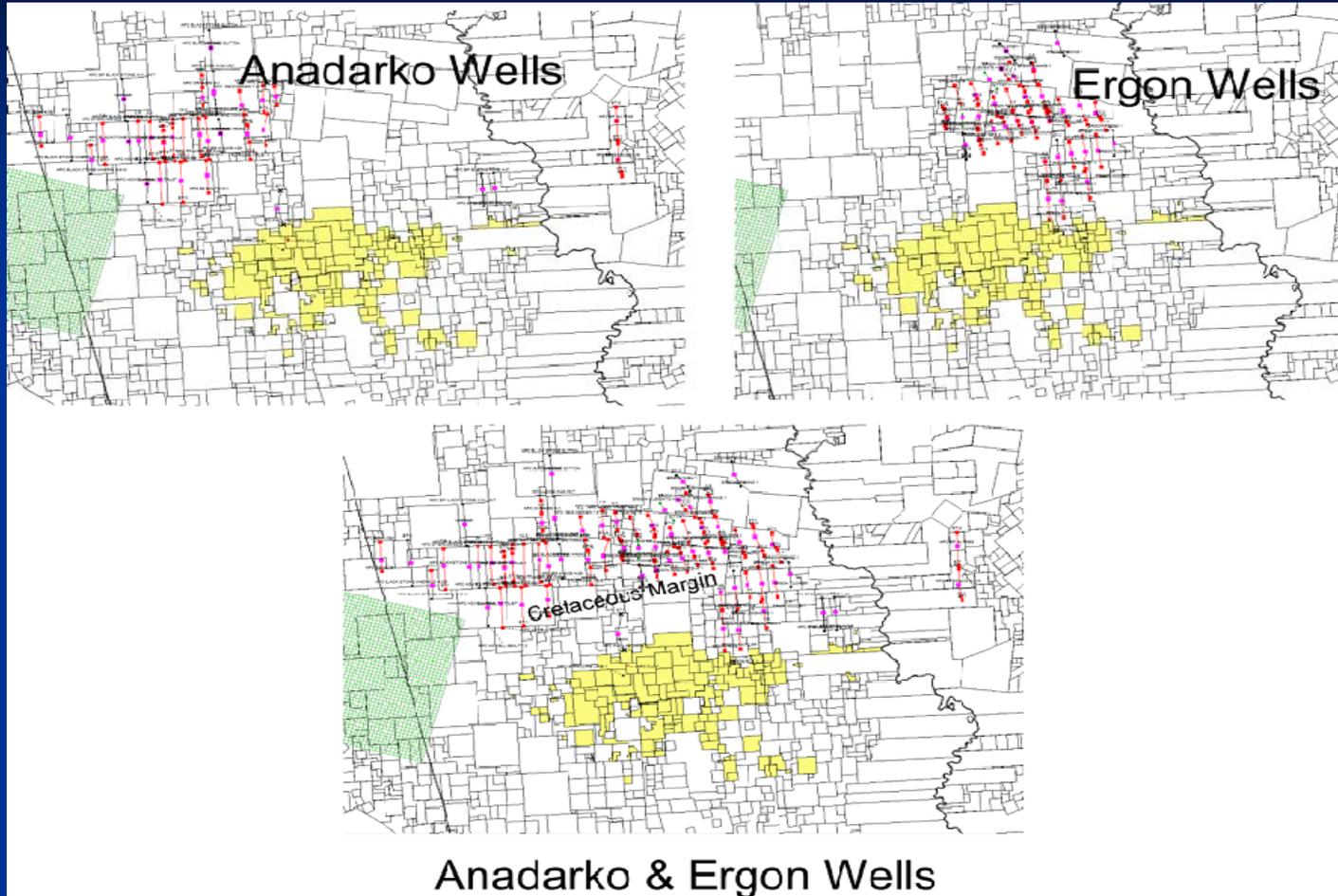
**All Tyler County Texas Chalk Data Provided by Vision Resources LLC*

Tyler County Texas Austin Chalk

Vision Resources has identified 2 large structural features adjacent to Tyler County Brookeland Field production

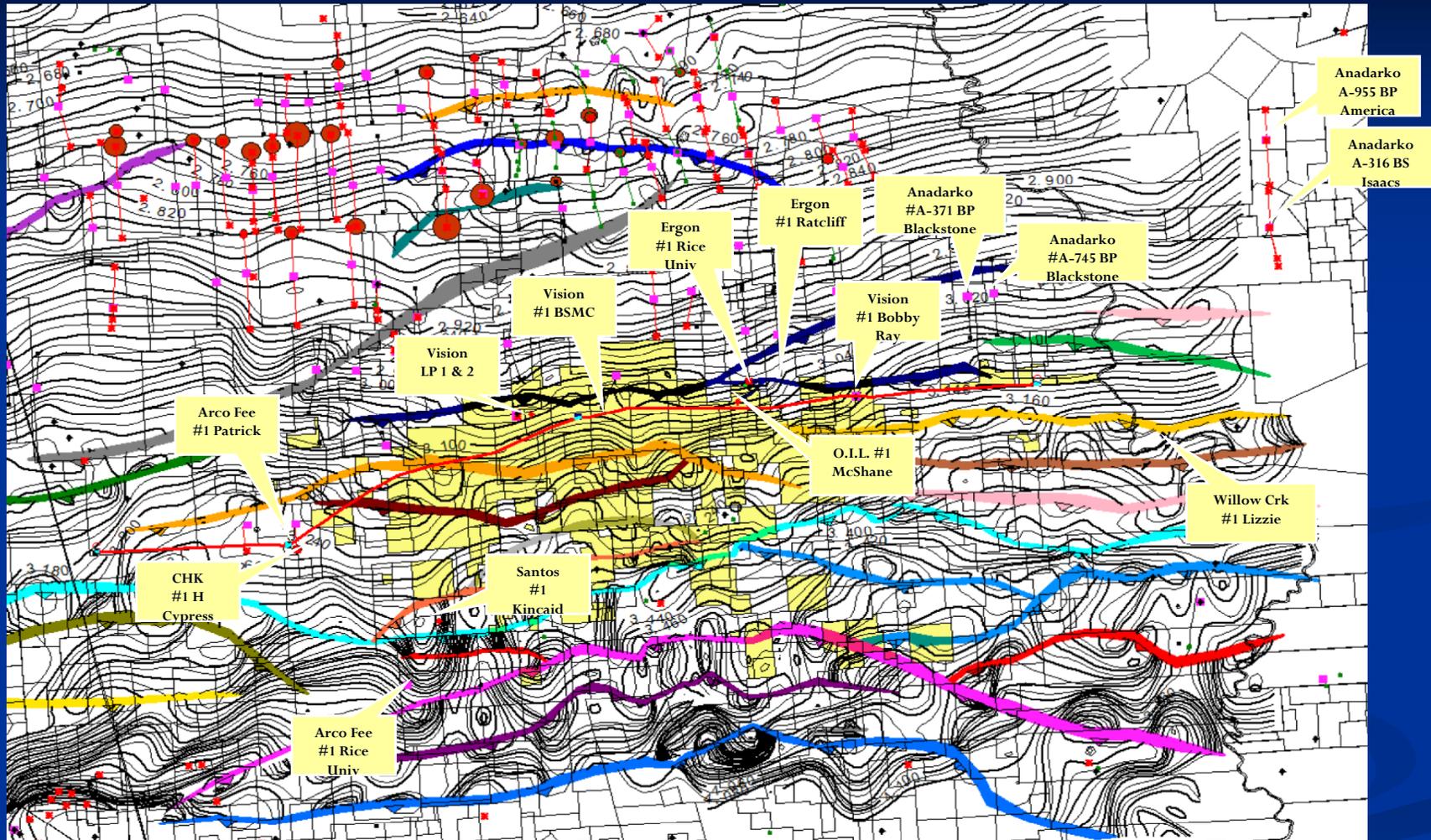


Tyler County Austin Chalk



Blocks in yellow indicate Vision leasehold acreage

Low Risk: Vision acreage is surrounded by production & vertical wells drilled to the Woodbine or Buda



Little risk that Austin Chalk is not present or is different from producing wells updip

Tyler County Texas Austin Chalk*

- Pantheon would have 25% interest in this extension development/exploration play
- Pantheon would pay back costs relating to first 3 wells and
- Receive 150% revenue interest until programme payout
- After 3 wells Pantheon would earn a full 25% interest in the current or future acreage position
- Potentially up to 60 wells
- **60 average wells generate over US\$200mln PV and add 60 bcfe reserves to Pantheon**

**All Tyler County Texas Chalk Data Provided by Vision Resources LLC*

Tyler County Austin Chalk*

- Average well pays out in 5 months
- Average gross well costs US\$7 mln
- Programme includes back costs for land and G&G
- Pantheon's net back costs would be
 - US\$2.5 mln each in wells 1 and 2
 - US\$2 mln in well 3
- No back or promote costs after well 3

**All Tyler County Texas Chalk Data Provided by Vision Resources LLC*

Chalk Programme Wells*

- Drilling programme on average well for Pantheon *with back costs* pays out in 18 months
- **After payout** four average wells would generate US\$1.4 mln per month net to Pantheon, declining over time
- US\$8.5 mln funding needed for 2 wells
- After programme payout, each average well would add to Pantheon:
 - 1 bcf reserves
 - US\$350,000 per month of cash flow in first year of production
 - US\$4 mln PV

**All Tyler County Texas Chalk Data Provided by Vision Resources LLC*

Tyler County Texas Austin Chalk*

- Drilling to start June 2008
- Time to drill a well 75 days
 - Vertical section takes 45 days
 - Horizontal section up to 30 days

**All Tyler County Texas Chalk Data Provided by Vision Resources LLC*

Wilson – Discovery

- Discovery made in June 2007 in main target zone
- Onstream September 2007
- Original production at 3.0 mmcfd as at 1 October 2007
- Current Production c.1.1 mmcfd
- Appraisal/development well possible for 2009
- Pantheon WI: 31.77%

Dunn Deep – Discovery

- Farmed-into Dunn Deep #2 well in August 2007
- Existing shallow discovery on Padre Island
- Onstream September 2007 within two weeks of discovery being made
- Original production at 4.8 mmcfd and 70 bopd of condensate
- Current Production c.3.9 mmcfpd and 40 bopd condensate
- Pantheon WI: 7.5%
- Operator BNP

Project Wharton

- Pantheon farmed-into Project Wharton, South Texas in June 2006
- Six wells have been drilled with success rate of 67%
- Three discoveries on-stream producing around 850 mcf/d
- Pantheon NRI averages 10%
- Average time from discovery to first output less than three months
- Prospects reserve estimates per well ranging from 0.5 to 4.0 billion cubic feet (“bcf”)*

* Operator estimates from 3D Seismic

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Bullseye Venture

- Located in Iberville Parish, South Louisiana
- Two targets to be tested with one well
- Stratigraphic traps delineated by 3D seismic
- Combined gross best estimate potential reserves of 18 mmboe
- Well spudded late April
- Paying 15% to earn 11.25% WI



Summary

- Base created with production/cash flow from existing discoveries
- Asset portfolio further diversified with potential for major growth in reserves and output
- Drilling programme now underway offering major upside potential
 - Bullseye currently drilling
 - Drilling programme on Tyler County to commence in June 2008 with potential for up to 35 to 60 wells
- Niche player in Gulf of Mexico region
- Experienced CEO and board

Capital Structure

- Existing shares on Issue 17,052,329
- Placing price £0.20
- Market Capitalisation (at £0.20) £3.41 million

- Expected Placement* up to £4.54 million

Options

£1.00 Exercise Price	833,284
£1.25 Exercise Price	500,000
£1.50 Exercise Price	950,000
£2.00 Exercise Price	1,050,000

*17,052,329 shares will be placed immediately raising £3.41 million, before expenses, taking advantage of the current S80 authority. The remaining 5,629,123 shares will be placed conditional on shareholder approval extending the S80 authority at an EGM on 23 June 2008. 103,359 shares may be awarded to the CEO on 30 June 2008 if certain short term targets are met.