

Macondo Prospect

Offset Evaluation
MC 252 / 253 / 208

October 13, 2010

8731
Exhibit No. _____
Worldwide Court
Reporters, Inc.

CONFIDENTIAL

REDACTED

ANA-MDL2-000001244
ADR079-001244

TREX 008731.0001



Macondo Prospect

MC 252 #1

Lower Miocene

MM7

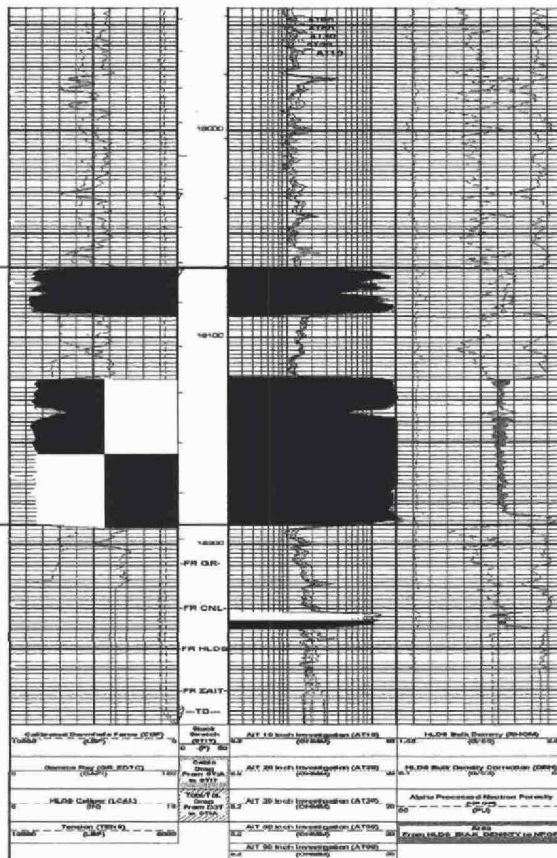
T/M55

86' Net TVT Pay

B/M55

6' Net TVT Pay

Avg Por: 19%
Avg Perm: 107 md
Avg. SW: 16%



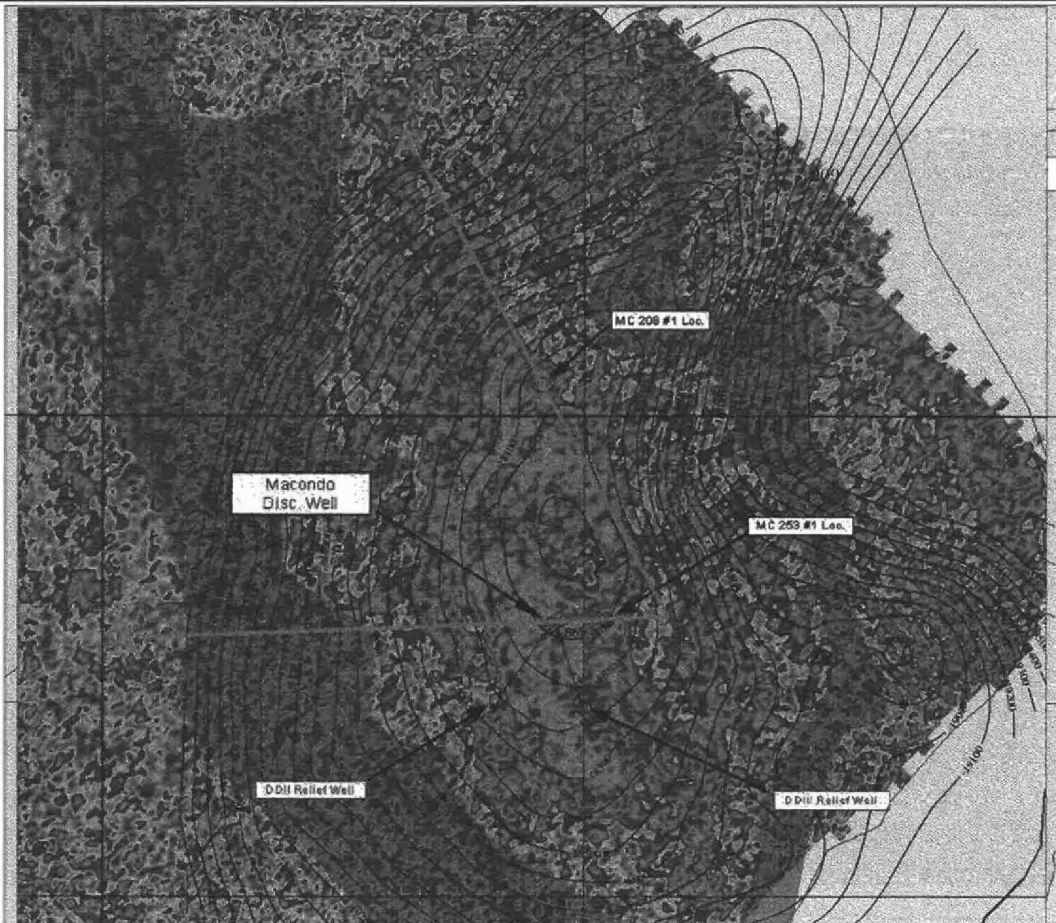
MD
5" Wireline TCOM

18066 ' MD
18055 TVD
(-17980 SS)

Total Pay count
92' Net TVT



Structure Map: Top of M55 Sand w/ Max. Neg. Amp.



CONFIDENTIAL

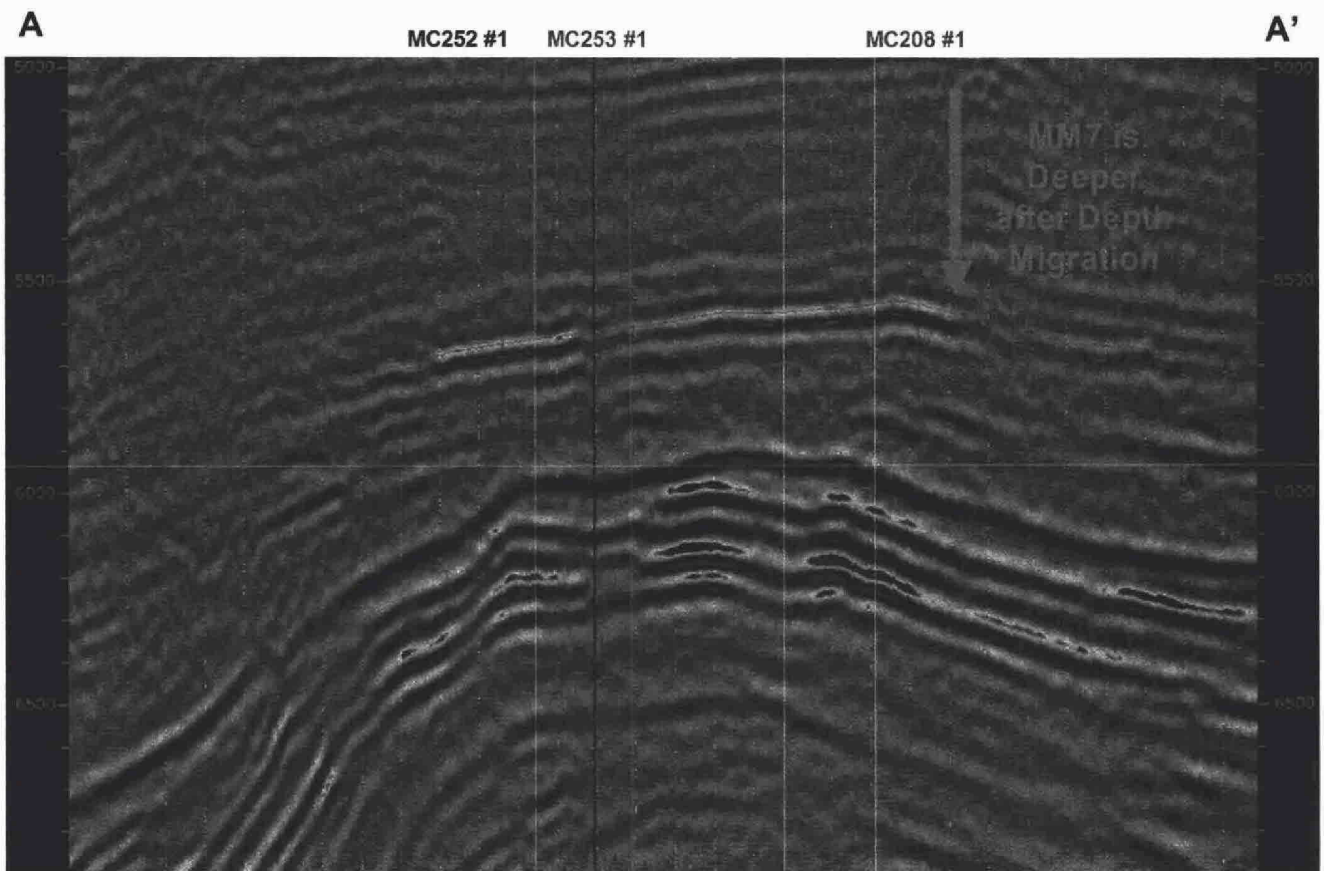
REDACTED

ANA-MDL2-000001247
ADR079-001247

TREX 008731.0004



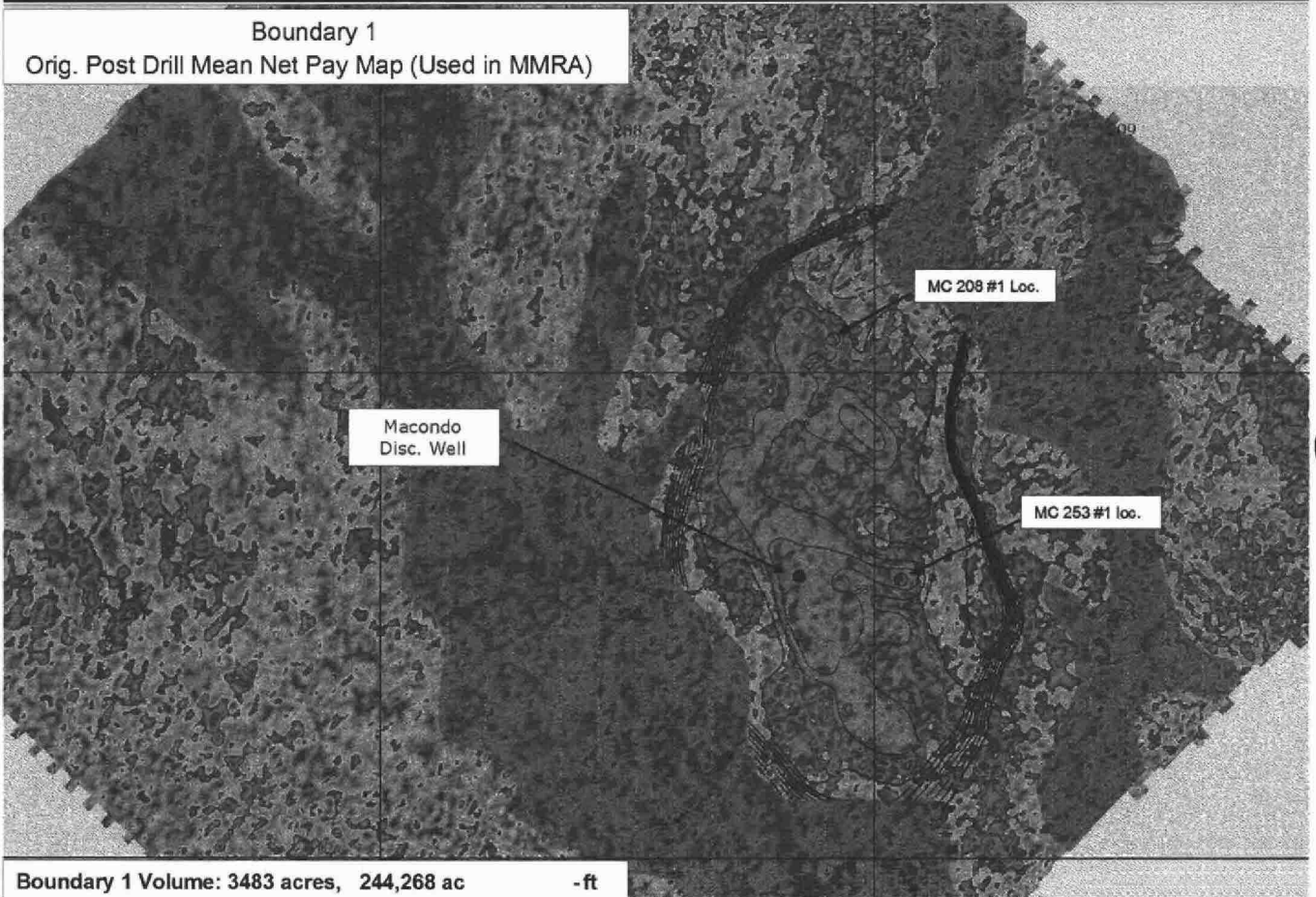
Seismic Time Tie





M55 Net Pay Map: EOWC -18550, clipped at channel cuts

Boundary 1
Orig. Post Drill Mean Net Pay Map (Used in MMRA)



Boundary 1 Volume: 3483 acres, 244,268 ac -ft



M55 Net Pay Map: EOWC -18550, clipped at Amp.

Boundary 2
Newest Version Post Drill Net Pay Map



Boundary 2 Volumetrics : 2716 acres, 201,215 ac -ft

CONFIDENTIAL

REDACTED

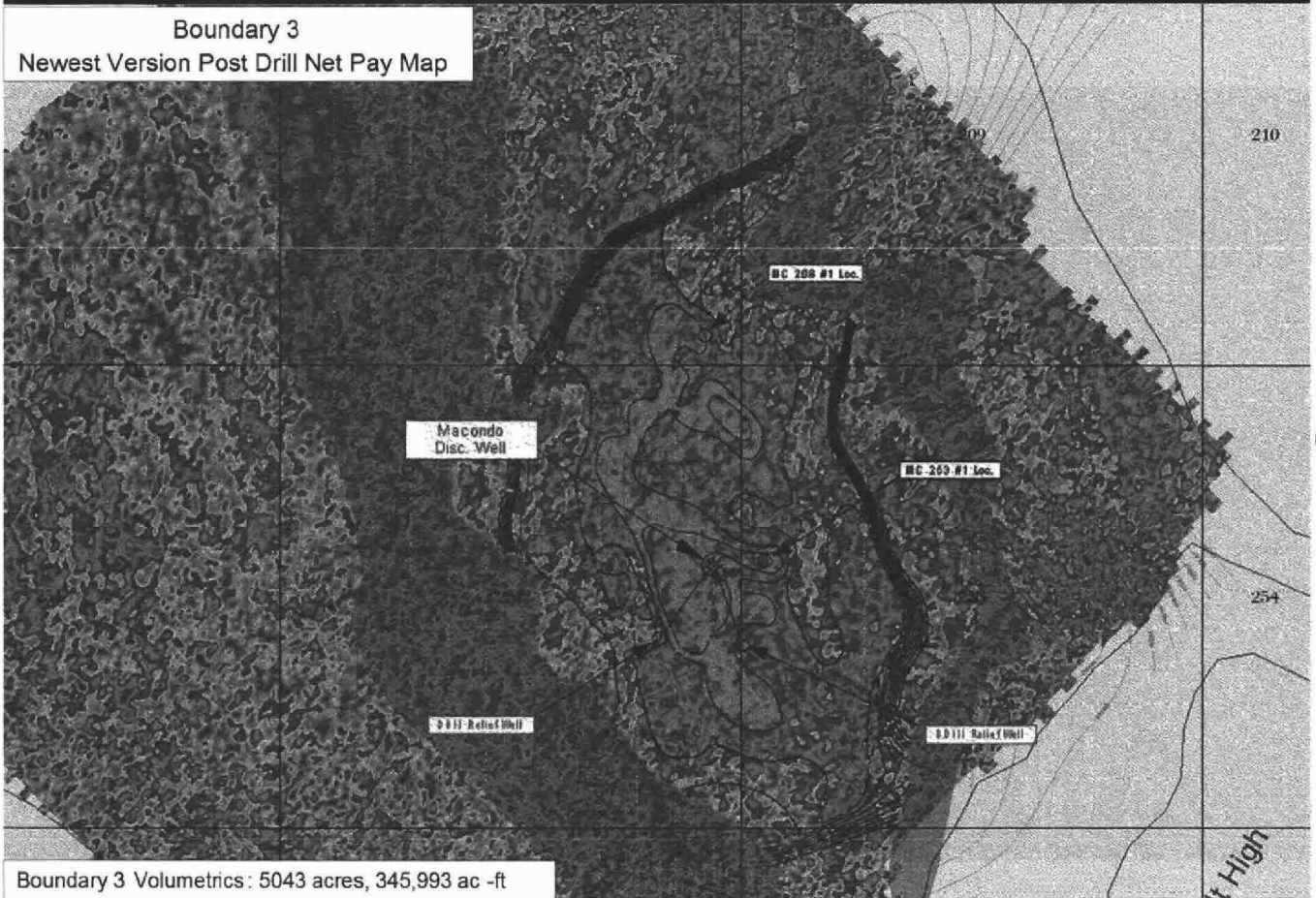
ANA-MDL2-00001250
ADR079-001250

TREX 008731.0007



M55 Net Pay Map: EOWC -18800, clipped at channel cuts

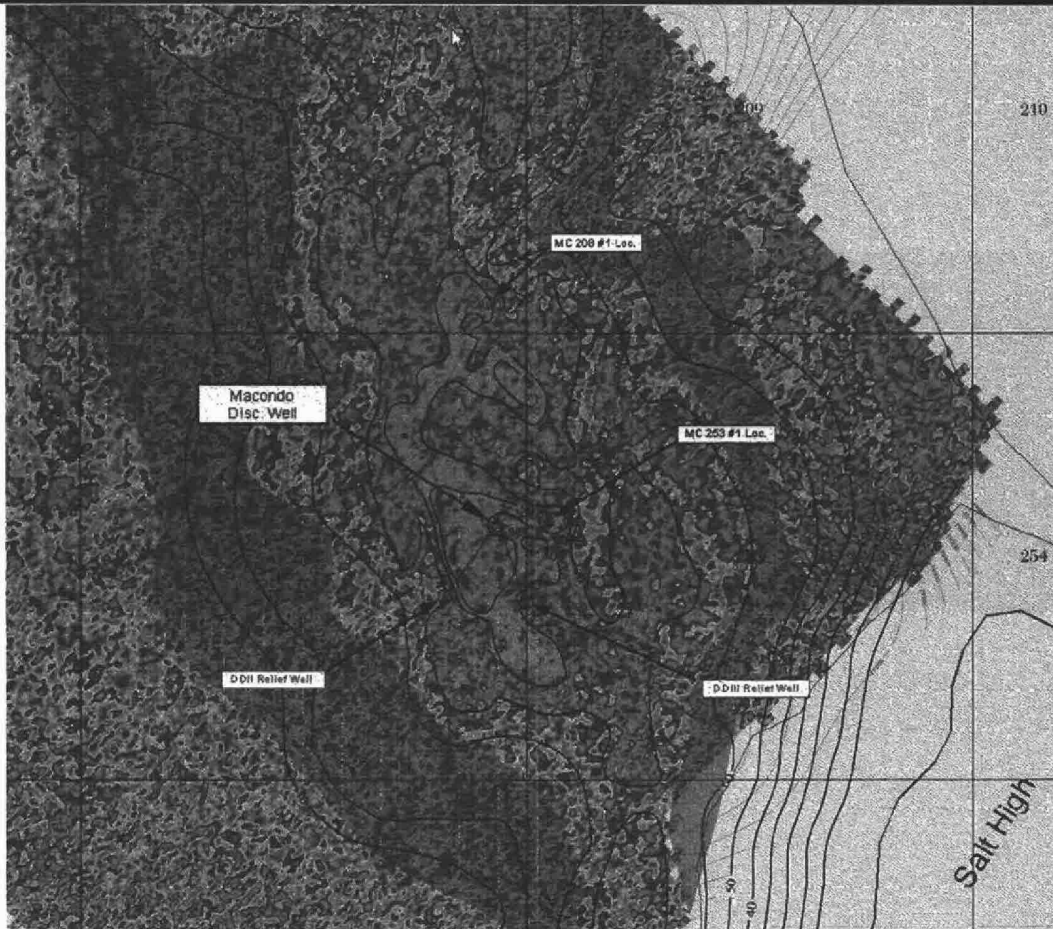
Boundary 3
Newest Version Post Drill Net Pay Map



Boundary 3 Volumetrics: 5043 acres, 345,993 ac -ft



M55 Net Sand Map: Based on Amp. Interpretation



Geophysical Analysis

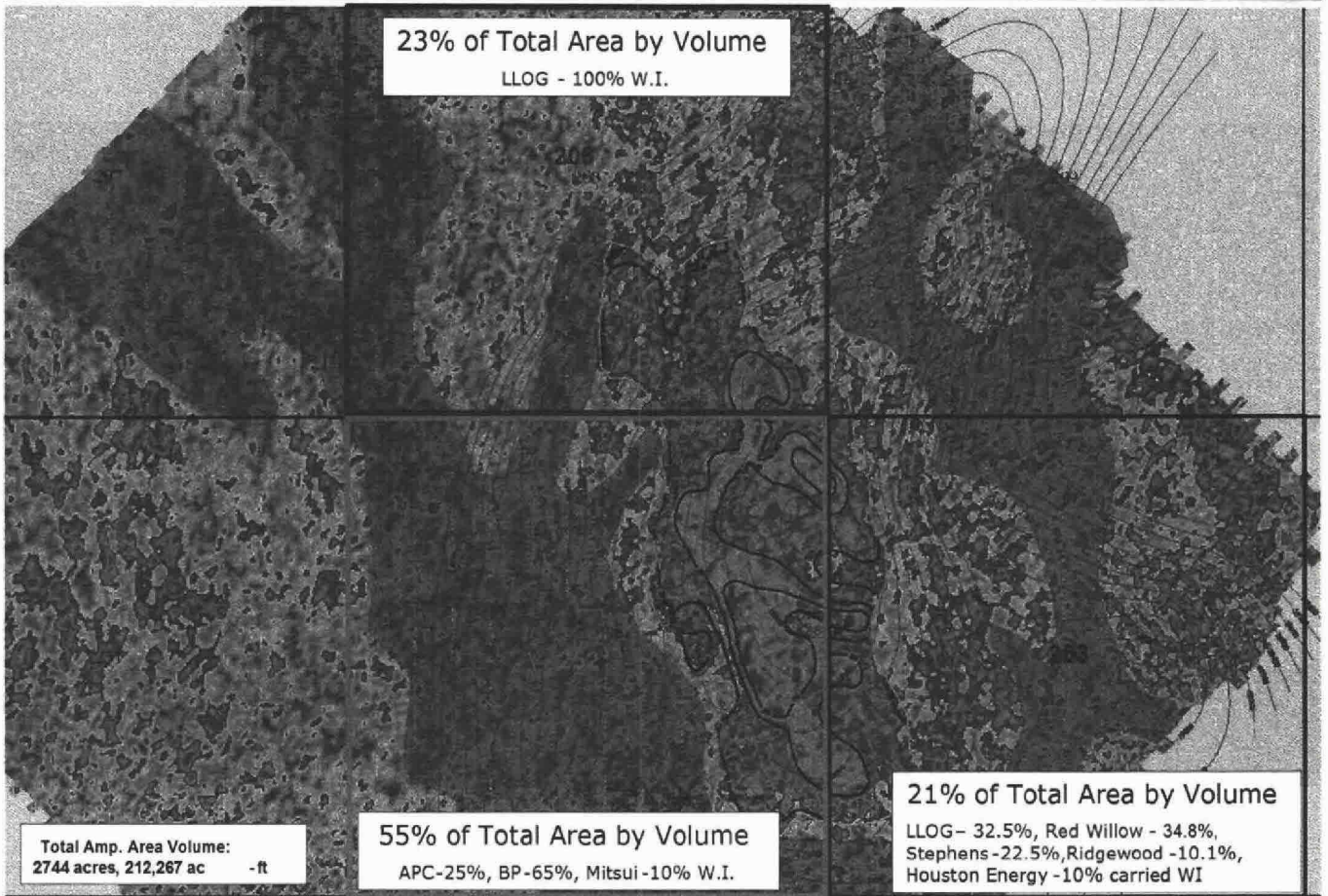
- *EEI (Extended Elastic Impedance) - specialize AVO type analysis - generates a volume for fluid and lithology prediction*
- *ETE (Exploration Thickness Estimator) Analysis based on:*
 - » Mid-Far Corridor Stacks (two methods)
 - » EEI Volume (one method)
 - » Full Stack TGS Data (one method)
- *Seismic Attributes & RGB (frequency) blending to help evaluate/image the depositional model, channel and/or edge detection (Pending)*

Results/Conclusions

- *Current data sets are of fairly low frequency (10-12 Hz) - limits results of EEI & ETE*
- *Reservoir Interval Velocity is higher than those seen in the area for this depth of burial and rock quality - Final logs, Sidewall Core Analysis, & VSP would help confirm rock properties (Waiting on BP)*
- **Seismic Reprocessing and/or WAZ 3D over the area**
 - Improve imaging near the adjacent salt bodies*
 - *Improve frequency content and continuity*
 - *Potentially improve the EEI & ETE results*

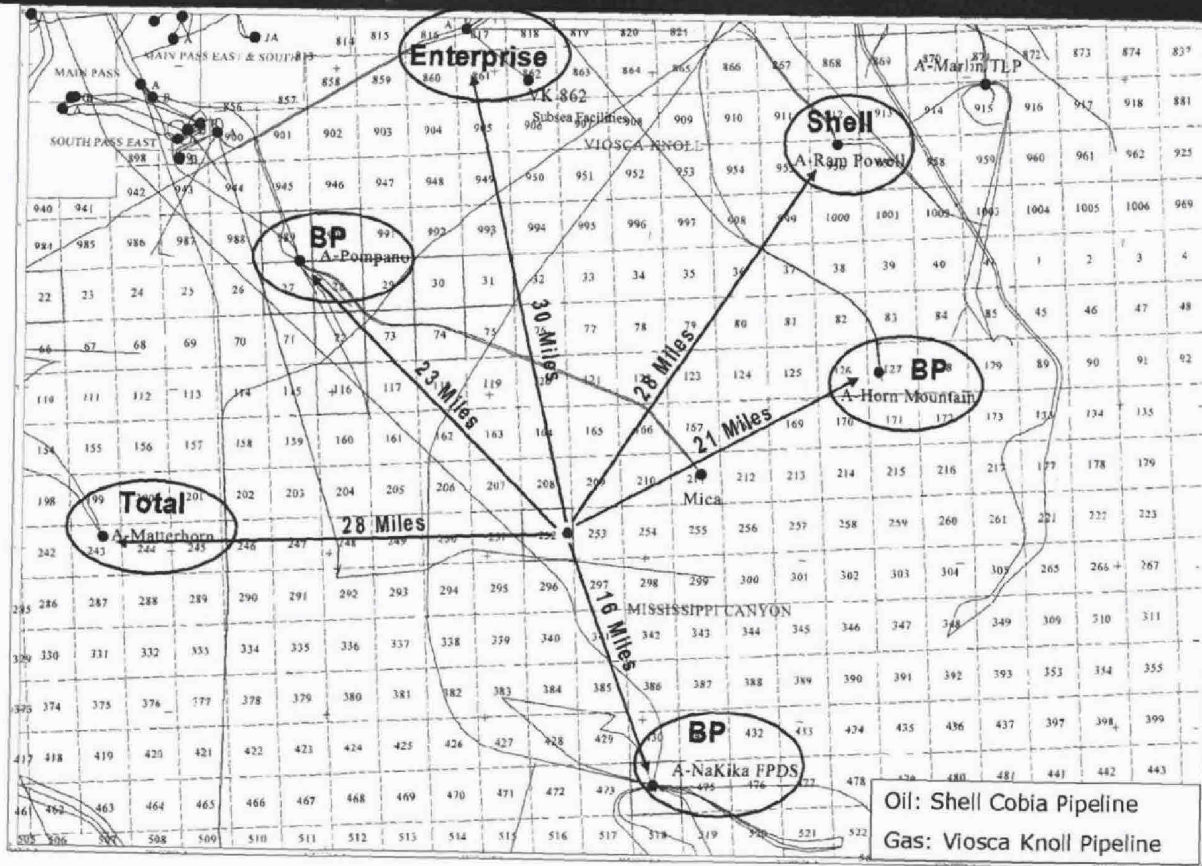


Percent Volume by Block (Ampl. Based Only)



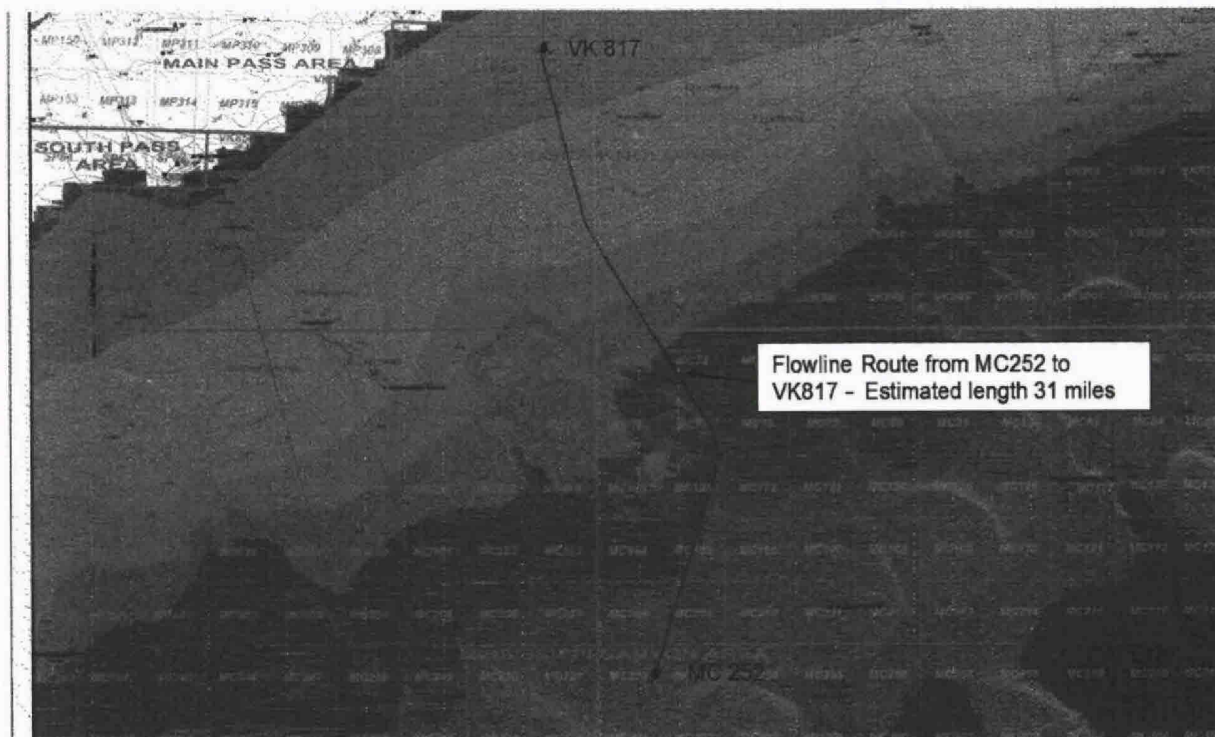


Macondo Area Tieback Facilities





3rd Party Tieback to VK 817



Boundary Comparisons

	252 Location Oil Recovery MMBO	253 Location Oil Recovery MMBO	Difference in Reserves MMBO
Boundary 1 (mean case)			
Aquifer	81.7	67.5	14.2
Depletion	30.6	30.6	0.1
Boundary 2			
Aquifer	66.1	61.0	5.1
Depletion	23.3	23.2	0.1
Boundary 3			
Aquifer	100.0	99.6	0.3
Depletion	37.6	37.6	0.0

Economic Assumptions

REDACTED

Development

- P10 3 wells
- P50 2 wells
- P90 2 wells

Gross Reserves

- Mean Reserves - 86 MMBOE

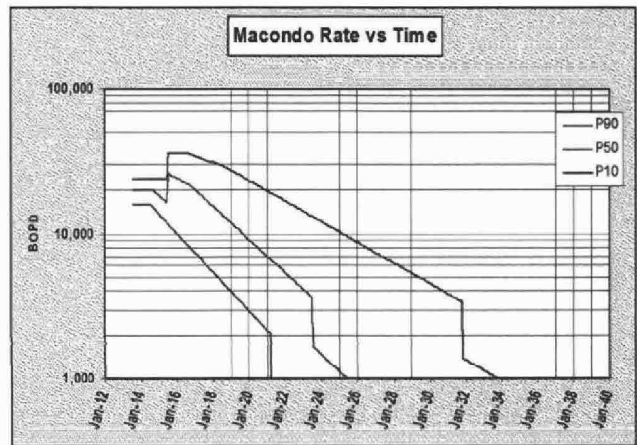
Capital

• 8/2011	Drill 1 st well	\$50 MM
• 8/2012	Drill 2 nd well	\$50 MM
• 3/2013	Complete 1 st well	\$50 MM
• 4/2013	Complete 2 nd well	\$50 MM
• 9/11-7/13	Facilities	\$500 MM
	Total	\$800 MM

OPEX

- REDACTED

1st production - 8/2013



9-30-2010

REDACTED



CONFIDENTIAL

REDACTED

ANA-MDL2-000001259
ADR079-001259

TREX 008731.0016

Development Options

REDACTED



CONFIDENTIAL

REDACTED


ANA-MDL2-000001260
ADR079-001260

TREX 008731.0017



Economic Summary

REDACTED

A large, solid black rectangular area covers the majority of the page, indicating that the content has been redacted. The word "REDACTED" is printed in the top-left corner of this area.

REDACTED

REDACTED

