

TOREADOR TAKING THE LEAD

Unconventional Oil 2010
12 October 2010
London





THIS PRESENTATION INCLUDES "FORWARD-LOOKING STATEMENTS" WITHIN THE MEANING OF SECTION 27A OF THE SECURITIES ACT OF 1933, AS AMENDED, AND SECTION 21E OF THE SECURITIES EXCHANGE ACT OF 1934, AS AMENDED. ALL STATEMENTS OTHER THAN STATEMENTS OF HISTORICAL FACTS INCLUDED IN THIS PRESENTATION, INCLUDING, WITHOUT LIMITATION, STATEMENTS CONTAINED IN THIS PRESENTATION REGARDING TOREADOR'S FINANCIAL POSITION, BUSINESS STRATEGY, THE RATE OR EXTENT OF THE COMPANY'S GROWTH, THE COMPANY'S ABILITY TO COMPLETE CORPORATE OR ASSET-BASED TRANSACTIONS, THE TIMING OF ANY SUCH TRANSACTIONS AND THE SHAREHOLDER VALUE RESULTING FROM ANY SUCH TRANSACTIONS, PLANS AND OBJECTIVES OF TOREADOR'S MANAGEMENT FOR FUTURE OPERATIONS, AND INDUSTRY CONDITIONS. ARE FORWARD-LOOKING STATEMENTS. ALTHOUGH TOREADOR BELIEVES THAT THE EXPECTATIONS REFLECTED IN SUCH FORWARD-LOOKING STATEMENTS ARE REASONABLE, IT CAN GIVE NO ASSURANCE THAT SUCH EXPECTATIONS WILL PROVE TO BE CORRECT. ANY FORWARD-LOOKING STATEMENTS HEREIN ARE SUBJECT TO CERTAIN RISKS AND UNCERTAINTIES INHERENT IN PETROLEUM EXPLORATION. DEVELOPMENT AND PRODUCTION. INCLUDING. BUT NOT LIMITED TO OUR NEED AND ABILITY TO RAISE ADDITIONAL CAPITAL OR OBTAIN ALTERNATIVE FINANCING; OUR ABILITY TO MAINTAIN OR RENEW OUR EXISTING EXPLORATION PERMITS OR EXPLOITATION CONCESSIONS OR OBTAIN NEW ONES: THE EFFECT OF OUR INDEBTEDNESS ON OUR FINANCIAL HEALTH AND BUSINESS STRATEGY: OUR ABILITY TO EXECUTE OUR BUSINESS STRATEGY AND BE PROFITABLE; OUR ABILITY TO REPLACE RESERVES; A CHANGE IN THE SEC POSITION ON OUR CALCULATION OF PROVED RESERVES: THE LOSS OF THE CURRENT PURCHASER OF OUR OIL PRODUCTION: RESULTS OF OUR HEDGING ACTIVITIES: THE LOSS OF SENIOR MANAGEMENT OR KEY EMPLOYEES: POLITICAL. LEGAL AND ECONOMIC RISKS ASSOCIATED WITH HAVING INTERNATIONAL OPERATIONS; DISRUPTIONS IN PRODUCTION AND EXPLORATION ACTIVITIES IN THE PARIS BASIN: CURRENCY FLUCTUATIONS; FAILURE TO MAINTAIN ADEQUATE INTERNAL CONTROLS; INDEMNITIES GRANTED BY US IN CONNECTION WITH DISPOSITIONS OF OUR ASSETS: UNFAVORABLE RESULTS OF LEGAL PROCEEDINGS: ASSESSING AND INTEGRATING ACQUISITION PROSPECTS: DECLINES IN PRICES FOR CRUDE OIL; OUR ABILITY TO COMPETE IN A HIGHLY COMPETITIVE OIL AND GAS INDUSTRY: OUR ABILITY TO OBTAIN EQUIPMENT AND PERSONNEL: EXTENSIVE REGULATION. INCLUDING ENVIRONMENTAL REGULATION. TO WHICH WE ARE SUBJECT: TERRORIST ACTIVITIES: OUR SUCCESS IN DEVELOPMENT, EXPLOITATION AND EXPLORATION ACTIVITIES; RESERVES ESTIMATES TURNING OUT TO BE INACCURATE; DIFFERENCES BETWEEN THE PRESENT VALUE AND MARKET VALUE OF OUR RESERVES AND OTHER RISKS AND UNCERTAINTIES DESCRIBED IN THE COMPANY'S FILINGS WITH THE SECURITIES AND EXCHANGE COMMISSION. ANY ONE OR MORE OF THESE FACTORS OR OTHERS COULD CAUSE ACTUAL RESULTS TO DIFFER MATERIALLY FROM THOSE EXPRESSED IN ANY FORWARD-LOOKING STATEMENT. ALL SUBSEQUENT WRITTEN AND ORAL FORWARD-LOOKING STATEMENTS ATTRIBUTABLE TO TOREADOR OR PERSONS ACTING ON ITS BEHALF ARE EXPRESSLY QUALIFIED IN THEIR ENTIRETY BY THE CAUTIONARY STATEMENTS DISCLOSED IN THIS PARAGRAPH AND OTHERWISE IN THIS PRESENTATION. THE HISTORICAL RESULTS ACHIEVED BY TOREADOR ARE NOT NECESSARILY INDICATIVE OF ITS FUTURE PROSPECTS. TOREADOR UNDERTAKES NO OBLIGATION TO PUBLICLY UPDATE OR REVISE ANY FORWARD LOOKING-STATEMENTS. WHETHER AS A RESULT OF NEW INFORMATION, FUTURE EVENTS OR OTHERWISE.

SHALE OIL IN THE PARIS BASIN









Not Here



BUT HERE

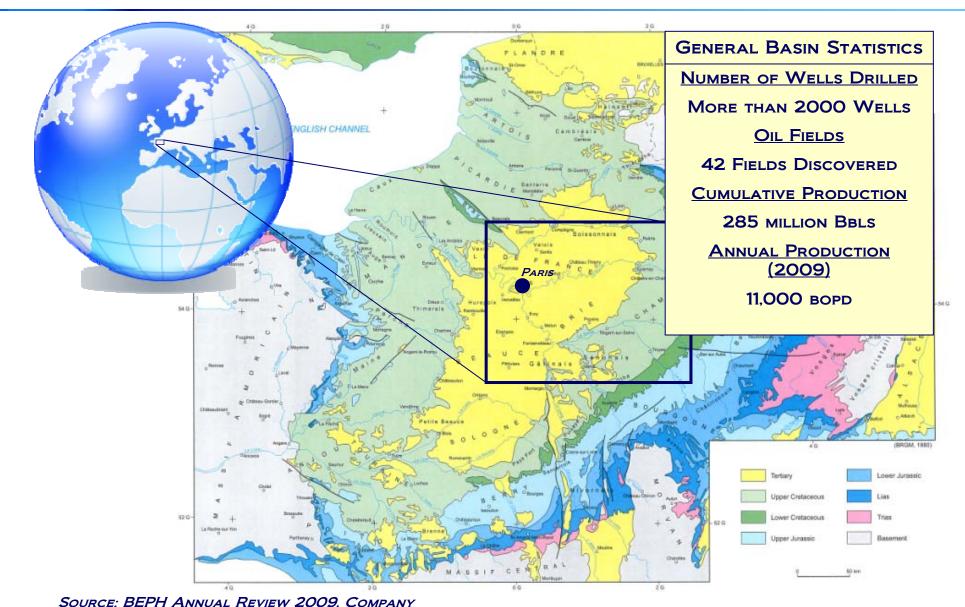




PARIS BASIN OVERVIEW

PARIS BASIN ONE PAGER

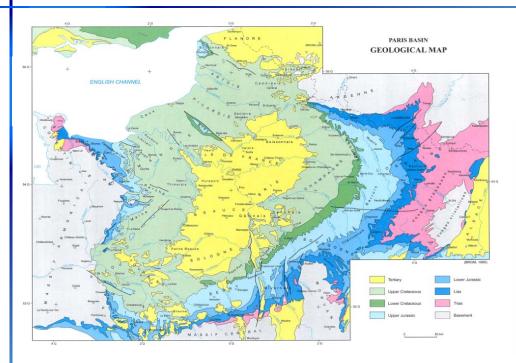


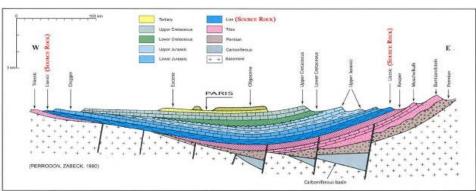


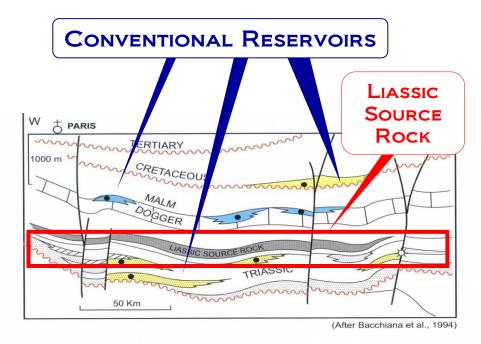
PARIS BASIN GEOLOGY

TOREADOR

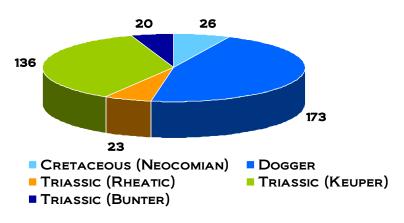
INTRACRATONIC, STRUCTURALLY SIMPLE







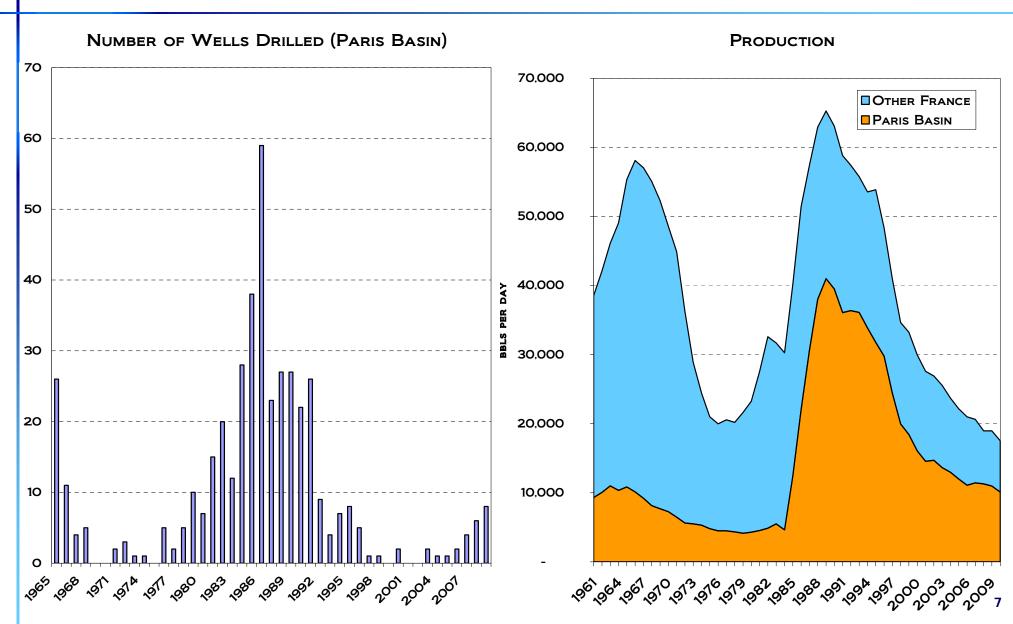
PARIS BASIN RESERVES (MMBOE)





PARIS BASIN ACTIVITY OVER THE LAST 50 YEARS

CONVENTIONAL EXPLORATION WELLS AND PRODUCTION



Paris Basin - Stable & Attractive



A MATURE OIL PRODUCING BASIN WITH A FAVOURABLE FISCAL REGIME

OPERATING PROFIT (ON \$74.60/BBL)

PRODUCTION COSTS SURFACE COSTS OIL TRANSPORTATION PRODUCTION TAXES	6.81 8.13 1.86 5.92	
LOCAL G&A OPERATING PROFIT	46.14	62% Cash Netback





SOURCE: MANAGEMENT ACCOUNTS AUG 2010, ASSUMED FX RATE 1.35US\$/EUR. OIL SALES PRICE 74.6\$/BBL



Toreador Overview

TOREADOR OVERVIEW



- ASSETS: PARIS BASIN, FRANCE
 - □ 1.3 MILLION GROSS ACRES⁽¹⁾ (530,000 ACRES PENDING AWARD) ACROSS MULTIPLE PERMITS
 - Conventional: Production, Reserves, Exploration
 - □ Unconventional: Exploration. Definitive Agreement⁽²⁾ with Hess signed on May 10, 2010 for Paris Basin. Total potential value of deal (including contingent amounts) up to US\$ 265 million
- HEADQUARTERS: PARIS, FRANCE
- LISTING: NASDAQ: TRGL
 - □ ~ US\$ 300 million Market Cap(3)
- CURRENT PRODUCTION: 900 BBLS/D(4)
- REMAINING PROVED RESERVES: 5.8 MMBBLS⁽⁵⁾
- REMAINING 2P RESERVES: 9.1 MMBBLS⁽⁵⁾
 - (1) ABOUT 800,000 GROSS ACRES AWARDED AS OF SEPTEMBER 2010. 1.0 MILLION GROSS ACRES EXPECTED BY YEAR-END 2010
 - (2) RECEIVED FIRST STAGE APPROVAL ON 25 JUNE 2010 FROM THE FRENCH AUTHORITIES. THE US\$ 265 MILLION TOTAL POTENTIAL DEAL VALUE CONTAINS UP TO US\$ 120 MILLION CARRY FOR A TWO PHASE WORK PROGRAM AND CONTINGENT SUCCESS FEES OF US\$ 80 MILLION AND US\$ 50 MILLION. SEE FURTHER FOR MORE DETAILS (SLIDE 12)
 - (3) As at 1 October 2010
 - (4) Average 2009 PRODUCTION
 - (5) GAFFNEY, CLINE & ASSOCIATES, RESERVES AS AT 31 DECEMBER 2009





	Jan 2009	Ост 2010
Assets	Turkey, Romania, Hungary, France	FRANCE
Cash (US\$mm)	20	23.7
DEBT (US\$MM)		
CONVERTIBLE DEBT (2010)(1)	80	O.1
CONVERTIBLE DEBT (2013)(1)		31.6
OTHER DEBT	30	
NET DEBT (US\$MM)	90	8.0
MARKET CAP (US\$MM)	40	300
COMMITTED CAPEX (US\$MM)	25.0	
G&A (US\$MM) (12 MONTHS 2010E)	13.0	5.5

⁽¹⁾ DATE BETWEEN BRACKETS REFLECTS EARLIEST CONVERTIBLE BONDS PUT DATE

JOINT VENTURE WITH HESS



HIGHLIGHTS OF THE DEAL SIGNED IN MAY 2010

- TOTAL POTENTIAL VALUE OF THE DEAL (WHICH INCLUDES ALL CONTINGENT AMOUNTS) UP TO US\$ 265 MILLION
- Hess earns up to a 50% share of Toreador's working interests in both Toreador's awarded and pending exploration permits (1)(2) in return for:
 - □ UPFRONT PAYMENT OF \$15 MILLION
 □ WORK PROGRAM
 □ UP TO \$120 MILLION, CARRYING 100% OF TOREADOR'S SHARE, OVER TWO PHASES (US\$ 50 MILLION + US\$ 70 MILLION), BEYOND THE CARRIED INVESTMENT, COSTS ARE SHARED 50/50
 □ TWO TYPES OF CONTINGENT SUCCESS FEES UP TO A TOTAL OF \$130 MILLION
 □ RESERVES SUCCESS FEE:
 □ \$1.00 PER BBL FOR EACH BBL OF GROSS BOOKED RESERVES ATTRIBUTABLE TO THE ACREAGE, CAPPED AT \$80 MILLION
 □ PRODUCTION SUCCESS FEE:
 □ IF TOTAL PRODUCTION ON ACREAGE EXCEEDS 20,000 BBLS/D FOR 30 CONSECUTIVE DAYS
 □ MONTHLY PAYMENT EQUAL TO 10% OF HESS' MONTHLY PRODUCTION REVENUE
 - ☐ MAXIMUM 36 MONTHS, CAPPED AT \$50 MILLION
 - An Area of Mutual Interest

Notes: (1) Excludes producing concessions (Charmottes & Neocomian Complex)

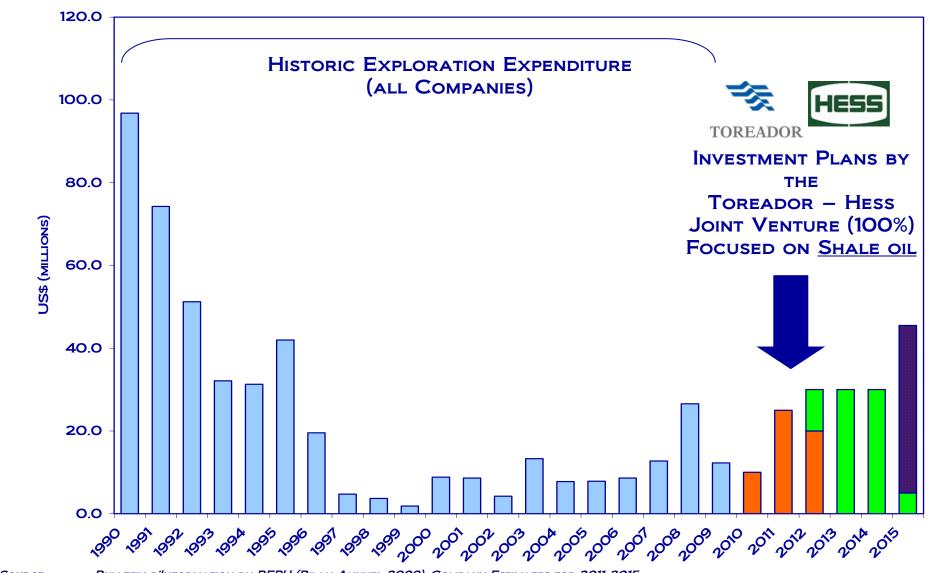
FROM THE ACREAGE

(2) HESS WILL ALSO HAVE THE RIGHT TO BECOME OPERATOR FOR THOSE EXPLORATION PERMITS WHERE TOREADOR OPERATES

EXPLORATION INVESTMENT IN THE PARIS BASIN



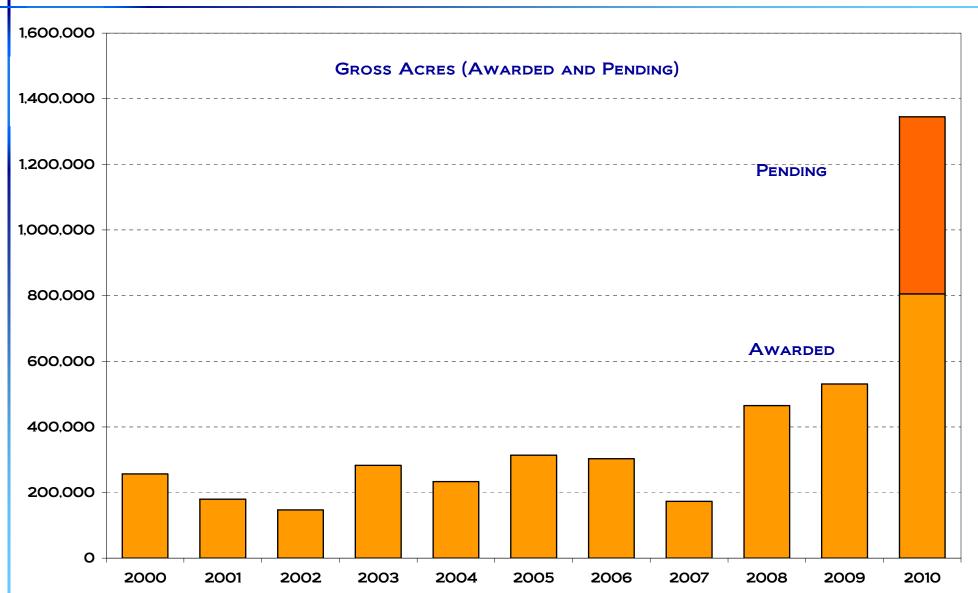
Was Declining but Plans for Substantial Increase by a Single Joint Venture



JOINT VENTURE WITH HESS



Based in Part on Toreador's Exploration Acreage Position...



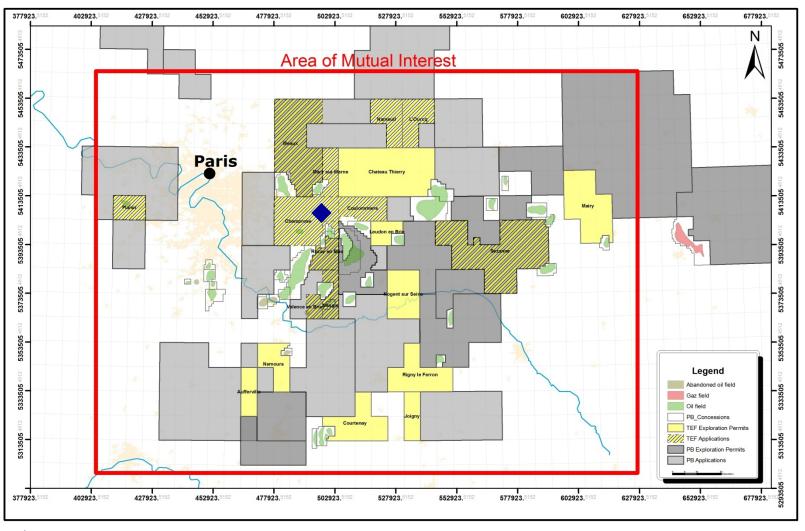
JOINT VENTURE WITH HESS



... Which Has Grown to 1.3 Million Acres Awarded and Pending

Paris Basin - Toreador Permits & Applications







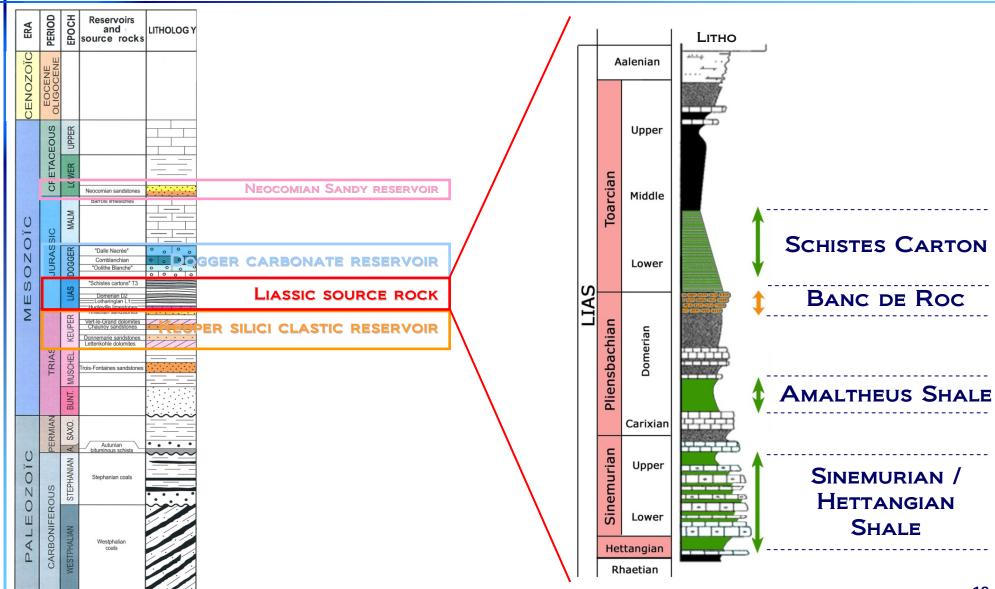


HIGHLIGHTS

- A NEW, SIGNIFICANT RESOURCE PLAY IN EUROPE FOCUSED ON OIL, CLOSE TO MARKET IN AN ATTRACTIVE AND STABLE FISCAL ENVIRONMENT
- NUMEROUS SIMILARITIES BETWEEN THE NORTH AMERICAN BAKKEN SHALE AND THE FRENCH LIASSIC SOURCE ROCK
- 100 BILLION BBLS OF OIL GENERATED IN THE BASIN, OF WHICH 30 BILLION BBLS ESTIMATED FROM TOREADOR ACREAGE
- VERTICAL FRAC BY ANOTHER OPERATOR (VERMILION) REPORTED TO HAVE POSITIVE RESULTS WITH SECOND FRAC THIS MONTH⁽¹⁾

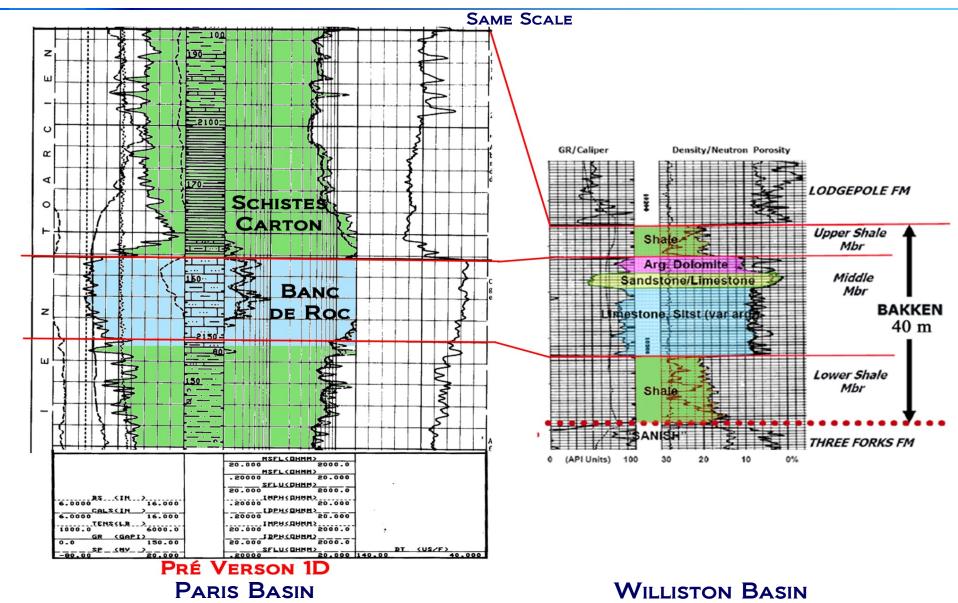


LIASSIC SHALE - DETAILED STRATIGRAPHIC COLUMN





SIMILAR LITHOLOGY TO BAKKEN



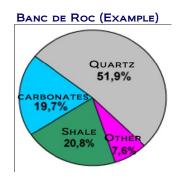


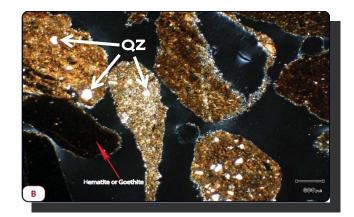




HIGH QUARTZ CONTENT:

- XRD ANALYSIS
- THIN SECTIONS



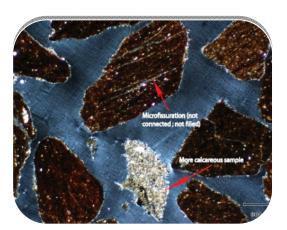




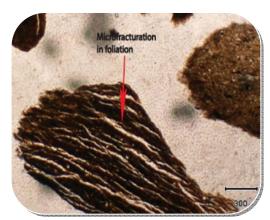
MICRO FRACTURATION:



Essises 1



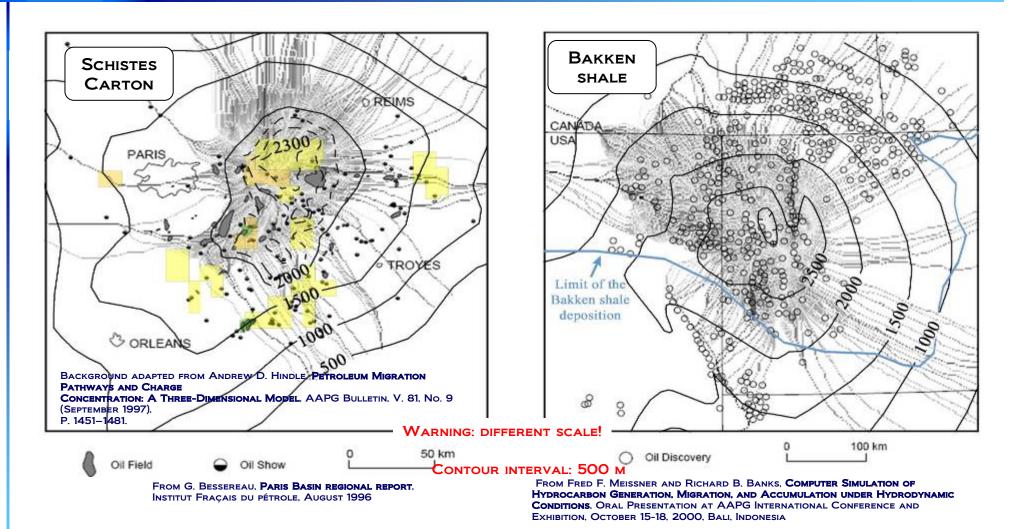
MÉLARCHEZ 1



Pré Verson 1

SIMILAR BURIAL DEPTHS TO BAKKEN



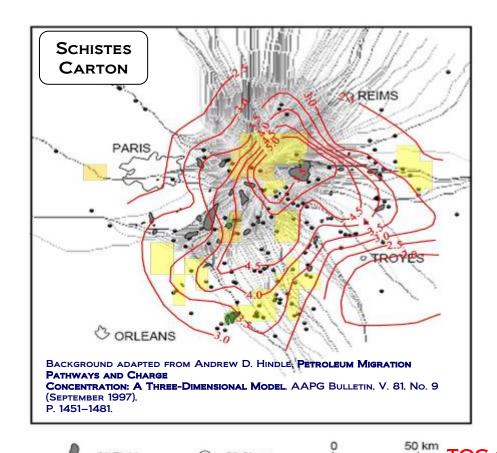


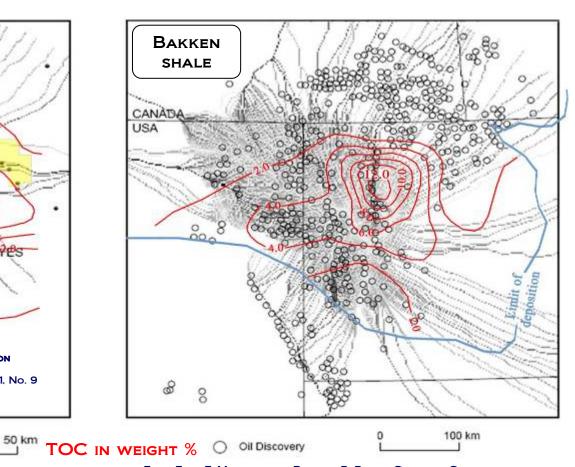
PARIS BASIN

WILLISTON BASIN



SIMILAR ORGANIC MATTER RICHNESS (TOC) TO BAKKEN





From G. Bessereau, **Paris Basin regional report**, Institut Fraçais du pétrole, August 1996

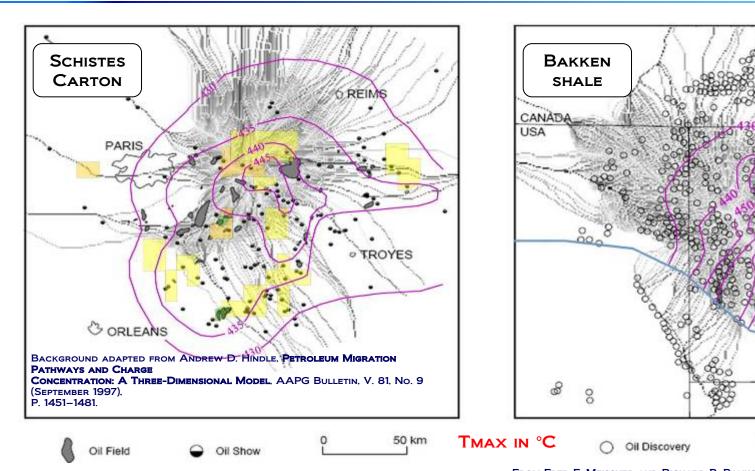
FROM FRED F. MEISSNER AND RICHARD B. BANKS, **COMPUTER SIMULATION OF HYDROCARBON GENERATION, MIGRATION, AND ACCUMULATION UNDER HYDRODYNAMIC CONDITIONS**, ORAL PRESENTATION AT AAPG INTERNATIONAL CONFERENCE AND EXHIBITION, OCTOBER 15-18, 2000, BALI, INDONESIA

PARIS BASIN

WILLISTON BASIN



SIMILAR MATURITY LEVEL (TMAX) TO BAKKEN



FROM G. BESSEREAU, **PARIS BASIN REGIONAL REPORT**, INSTITUT FRAÇAIS DU PÉTROLE, AUGUST 1996

FROM FRED F. MEISSNER AND RICHARD B. BANKS, **COMPUTER SIMULATION OF HYDROCARBON GENERATION, MIGRATION, AND ACCUMULATION UNDER HYDRODYNAMIC CONDITIONS**, ORAL PRESENTATION AT AAPG INTERNATIONAL CONFERENCE AND EXHIBITION, OCTOBER 15-18, 2000, BALI, INDONESIA

PARIS BASIN

WILLISTON BASIN

100 km



BAKKEN ANALOGY SUMMARY

	Paris Basin Shale Oil	Bakken
TOC	O - 12% (AVG. 5%)	O - 40% (AVG. 10%)
Тмах	445°C	445°C
Source Rock	TYPE II	TYPE II
ORGANIC MATTER	MARINE PLANKTON + ANAEROBIC BACTERIA	Marine plankton + Anaerobic bacteria
QUARTZ CONTENT	26% - 58%	20% - 68%
DEPOSITIONAL ENVIRONMENT	MARINE AND OXYGEN RESTRICTED	MARINE AND OXYGEN RESTRICTED
COMPETENT LAYER	BANC DE ROC	MIDDLE BAKKEN
NET THICKNESS	1 – 40 метекs (4 - 130 feet)	2 - 20 meters (7 - 66 feet)
Porosity	U Р то 12 %	8 - 12%
PERMEABILITY	Uр то 5мD	0.05 - 0.5 мD
OIL GRAVITY API	38	42



22 HISTORIC WELLS OF NOTE

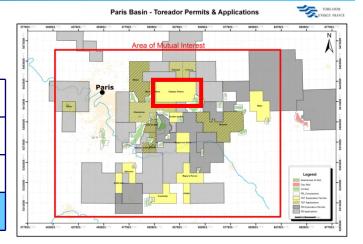
WELL	DATE	Toarcian - Domerian	PLIENSBACHIEN	Hettangian	OIL, GAS SHOWS, FRACT	OIL KICK/FLOW
R.A.P MONTMIRAIL - 1	1958			•	• •	
PETROREP - CROUY-SUR OURCQ - 1	1958			•	•	
MOBIL - LATILLY - 1	1958			•	•	
MOBIL - VILLEMOYENNE - 1	1958			•	•	
RAP - Nangis - 1	1959		•			•
PETROREP - Montlevée - 1	1959	•			•	
PETROREP - Coulommes Belou - 1	1959	•			•	
RAP - Essises - 1	1960			•		•
PETROREP - Coulommes CS42	1969	•		•	•	
SNEA (P) - CONNANTRE - 1	1981			•		O •
Esso REP - Leudon - 1	1981		•			•
Esso REP - Melarchez-1	1983	•	•			•
SNEA (P) - Herme - 1	1985	•	•		•	•
Esso REP - Champotran - 1	1985		•		0 •	
Esso Rep - Malnoue - 1	1985	•	•	•	0 •	
Total - Cerneux 102 (S17)	1986	•				•
SNEA (P) - SOMMESOUS - 1	1987			•	•	
Esso Rep - Saint Lazare - 1	1987	•	•		•	
Esso Rep - Malnoue - 70	1988		•			•
PETROREP - LAILLY - 1	1989		•	•		O
Esso REP - Glairet - 1	1990	•	•		•	
LUNDIN - CENSE ORMAT - 1	2003		•			0 •



Size of the Prize

TOTAL OIL GENERATED IN THE PARIS BASIN* (BILLIONS OF BARRELS OF OIL)

SCHISTES CARTON	60
Amaltheus shale	10
LOWER LIAS SHALE	30
TOTAL	100







CHATEAU THIERRY PERMIT: SCHISTES CARTON INTERVAL ONLY (BILLIONS OF BARRELS OF OIL)**

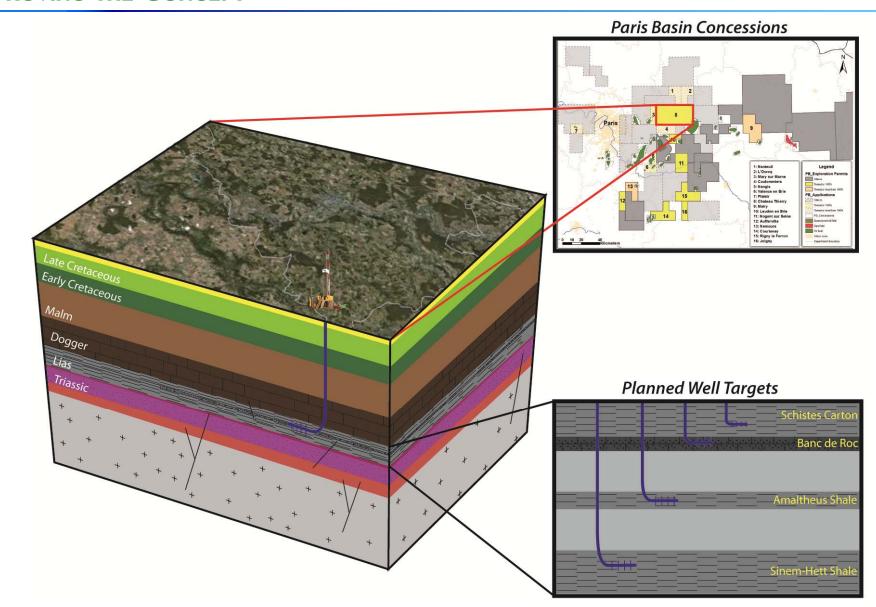
OIL GENERATED	~ 12 Billions barrels
REMAINING OIL (30% ASSUMED)	3.5 BILLIONS BARRELS
SURFACE (SQUARE MILES)	300
REMAINING OIL / SECTION	11.8 MILLIONS BARRELS (IN SOURCE ONLY)

^{**} Example for a single horizon in case of successful development. Company Estimates

^{*} From third party study (November 2009)



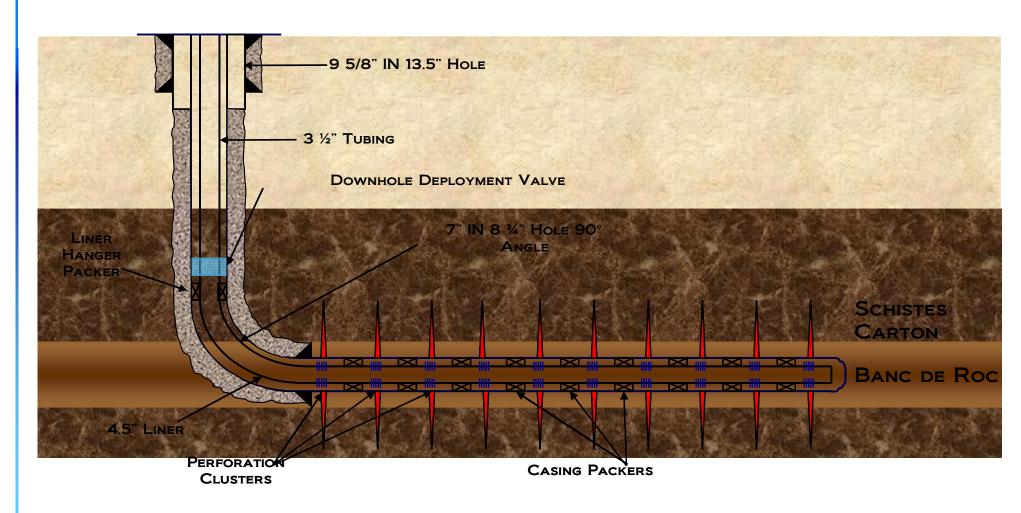
PROVING THE CONCEPT





PROVING THE CONCEPT (CONT.)

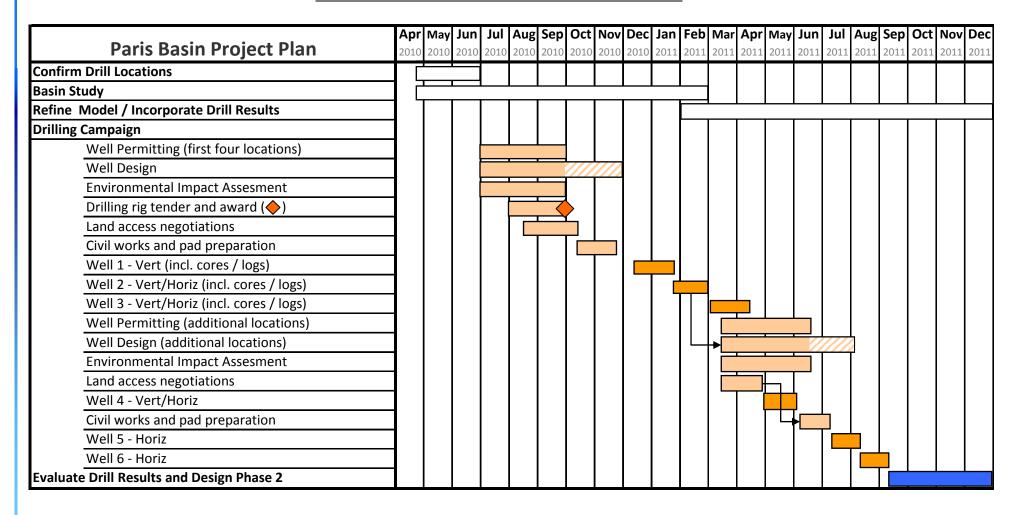
INDICATIVE DEVELOPMENT WELL





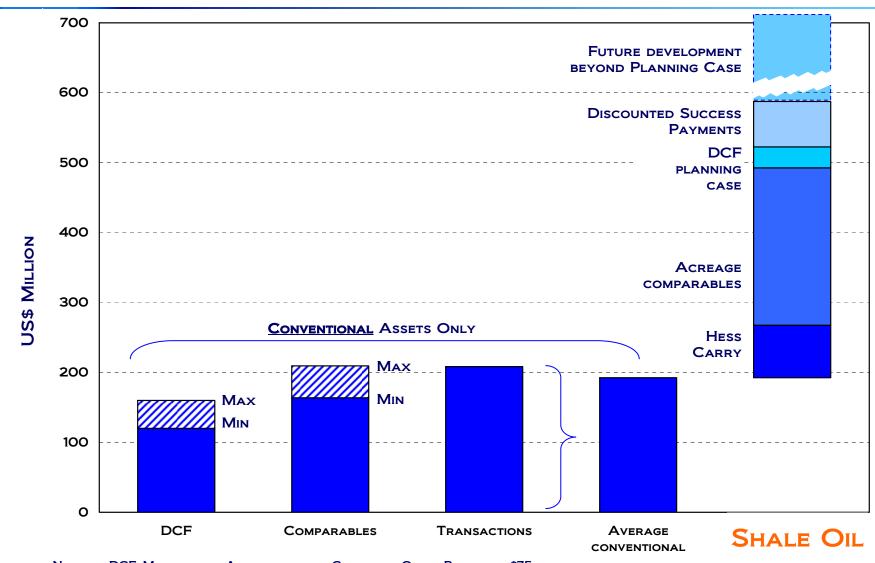
PROVING THE CONCEPT (CONT.)

INDICATIVE TIMELINE 2010 - 2011





ILLUSTRATIVE IMPACT ON TOREADOR (UNRISKED)



NOTE: DCF, Management Assumptions for Capex and Opex. Base case \$75 per bbl flat
Comparables based on \$18-23 per bbl 2P (Reserves 9.1 mmbbl), Transactions adjusted for Oil Price
Unconventional valued on assumed min Hess payment, \$300 per Acre undeveloped, and DCF (TRGL assumptions for Capex based
on Bakken analogues) with discounted success payments

KEY TAKE-AWAYS



- GEOLOGY AND ANALYSIS SUPPORTS OUR VIEW THAT THE PARIS
 BASIN HAS SIGNIFICANT SHALE OIL POTENTIAL
- HESS JV BRINGS EXTENSIVE US DRILLING & COMPLETION TECHNOLOGY TO THE PARIS BASIN FOR THE FIRST TIME
- NEXT 12 MONTHS WILL BE CRITICAL FOR THE PROOF OF CONCEPT (SKEWED TO THE UPSIDE)
- TOREADOR AND HESS ARE THE FIRST MOVERS IN A BASIN WIDE APPRAISAL
- IMPACT OF SUCCESS IS TRANSFORMATIONAL



THANK YOU