Saharawi Arab Democratic Republic "SADR"

Oil & Gas Licence Offering 2008

HOUSTON 5 February, 2008





SADR Licence Offering

- 17 May 2005 Announcement of 2005 Licensing Round
- At end of 2005, several companies had entered into negotiations
- On 16 March, 2006, the SADR signed license agreements with eight companies for a total of nine blocks
- Of these blocks, six are offshore and three are onshore
- A total of nine blocks are still available



SADR - GEOGRAPHIC DETAILS

- TOTAL COUNTRY AREA: 266,000 SQ. KMS
- AAIUN BASIN LAND AREA: 200,000 SQ. KMS
- OFFSHORE AREA (TO FOOT OF SLOPE): 120,000 SQ.KMS
- POPULATION: 500,000 (estimated)
- RELIGION: MUSLIM (SUNNI)
- · CLIMATE: HOT, DRY DESERT
- PRIME ECONOMIC ACTIVITY: FISHING, PHOSPHATE MINING
- MOST FOOD NOT LOCALLY PRODUCED
- THREE PORTS
- THREE PAVED AIRPORTS



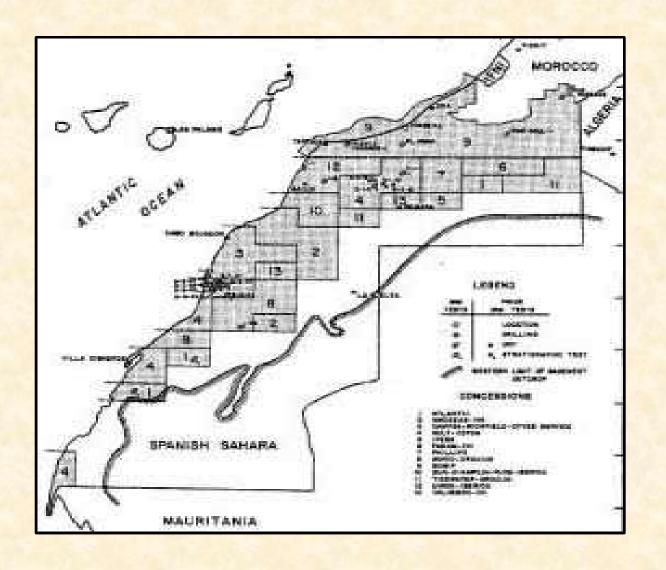


SADR - Historical timeline

- Before 1975, Spain rules Sahara as a colony
- In 1975, Spain relinquishes its colony; soon thereafter Morocco illegally annexes territory, against wishes of its indigenous population
- Three decades of independence struggle by Polisario against Morocco, attempts by United Nations at mediation between the two parties, followed
- SADR government based in Refugee Camps in southwestern Algeria (Tindouf)
- SADR awards Study Agreement to Fusion Oil and Gas in 2000
- 17 May 2005 Announcement by SADR of 2005 Licensing Round
- On 16 March, 2006, the SADR signs 8 Assurance Agreements for Production Sharing Agreements with 9 companies
- Data collection and ongoing petroleum prospectivity studies being carried out



SADR - ONSHORE LICENSES 1960 - 1962







SADR - PREVIOUS LICENSEES

Previous license holder

Present surviving

company

Chevron

BP

BP

BP

BP

ConocoPhillips

ConocoPhillips

Chevron

Chevron

Total

??

ExxonMobil

Amospain (Chevron/Texaco joint venture)

Atlantic became Arco

Pan American became Amoco

Richfield taken over by Arco

taken over by Arco **Tidewater**

Continental became Conoco

Phillips

Gulf merged with Chevron

Union became Unocal

Champlin became Fina

Valdebro old Spanish company

Esso



SADR - EXISTING DATASETS

- Remote sensing: air photographs, Landsat
- Remote sensing: SEASAT oil-seep study (NPA Group)
- Field geology: > 200 party months
- Other geophysical data sets: gravity (80 party months), magnetics
- Onshore seismic data set:

1960-1963: 240 party months (24,000 plus line kms?) 2000 kms 1988 ONAREP data

- Offshore seismic data sets (several including latest shot by TGS-Nopec)
- Well and core sample materials
- Deep sea drilling data set (2 wells)
- LYNX DATA SET (VARIETY OF DATA)
- FUSION OIL REGIONAL REPORT



SADR - EXPLORATORY WELL SUMMARY

TOTAL WELLS DRILLED IN AAIUN BASIN: 74

TOTAL OFFSHORE WELLS: 15

DEEP WATER WELLS: ZERO
(DOES NOT INCLUDE TWO DSDP WELLS)

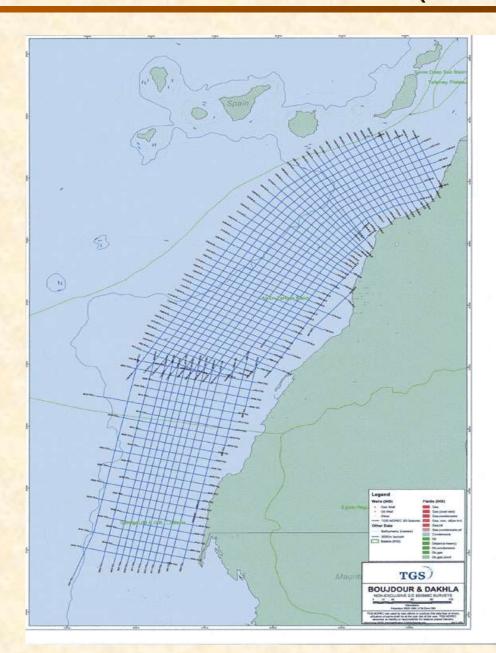
BASIN-WIDE WELL DENSITY: 1 WELL PER 4,000 SQ. KMS

OFFSHORE WELL DENSITY: 1 WELL PER 23,000 SQ. KMS





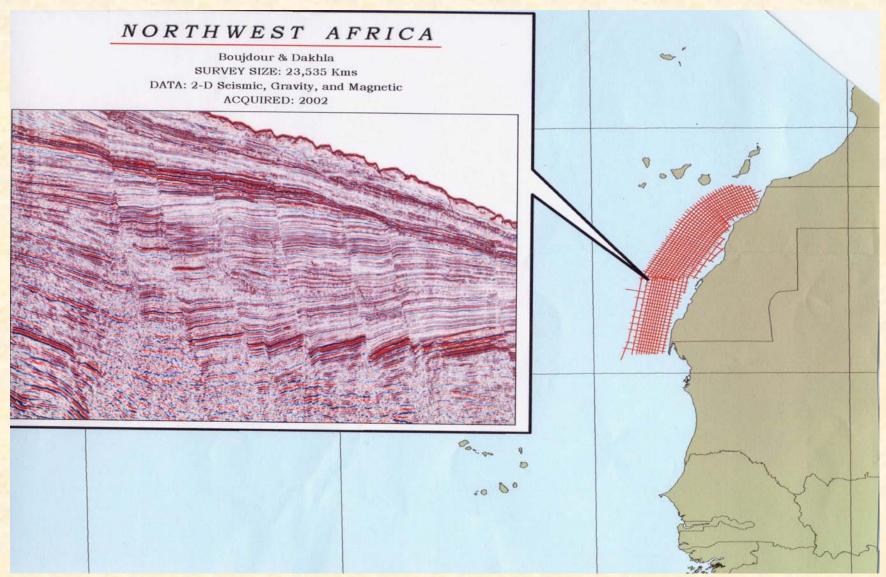
SADR – Latest offshore seismic (TGS-Nopec)





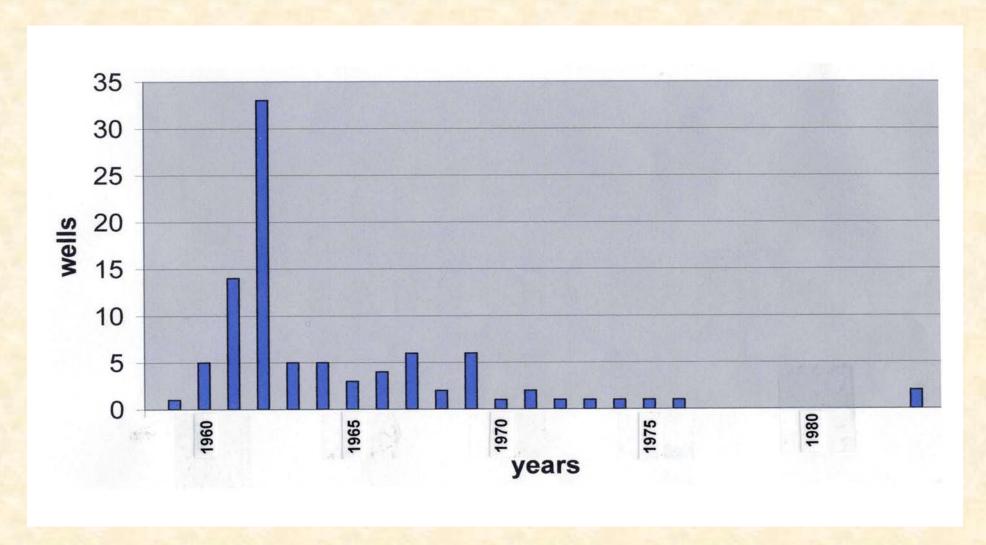


SADR – Example TGS-Nopec Seismic Line





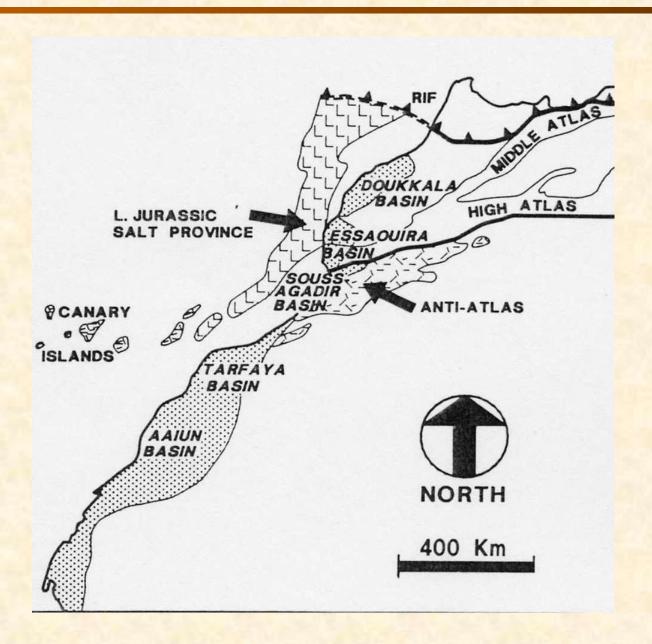
SADR - EXPLORATORY WELL HISTORY







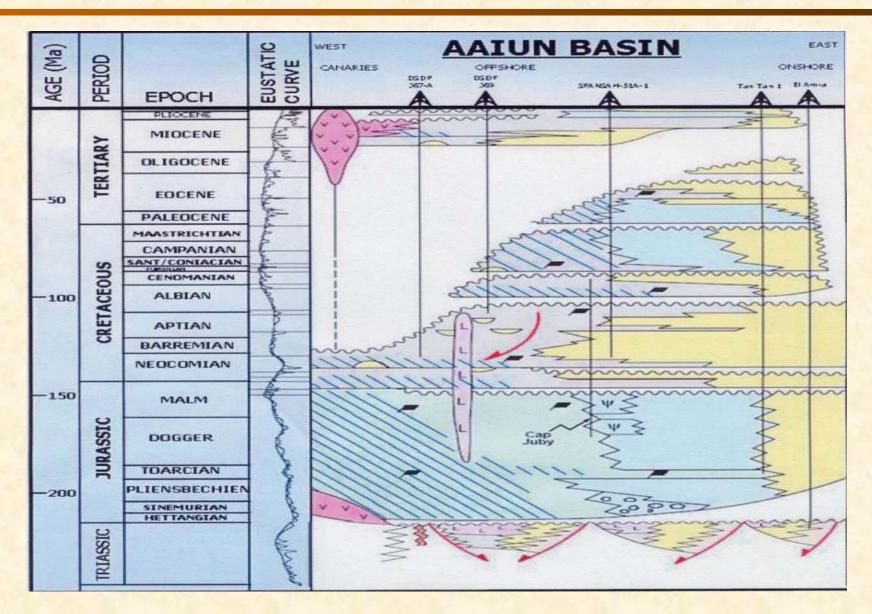
SADR — SEDIMENTARY BASINS AND EXTENT OF SALT





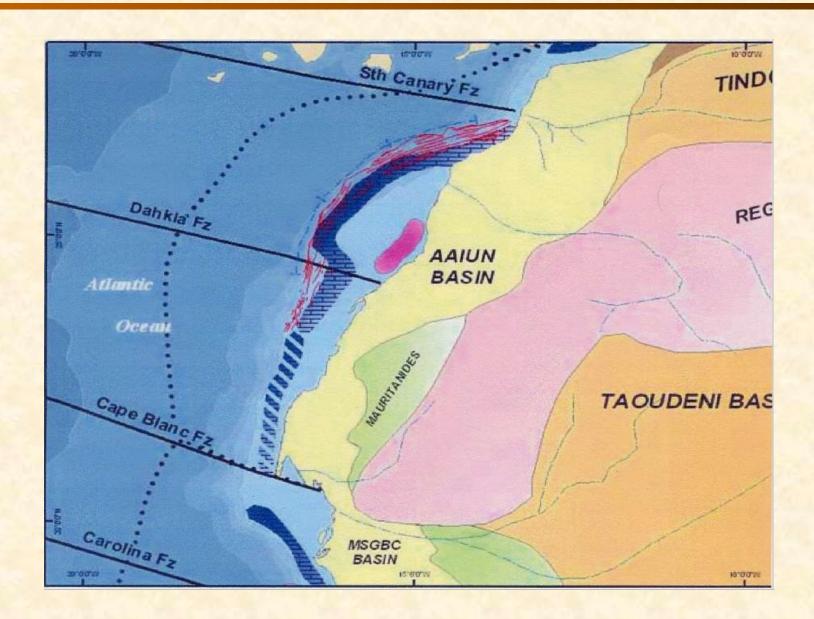


AAIUN BASIN: STRATIGRAPHIC CHART





SADR - REGIONAL BASIN SETTING

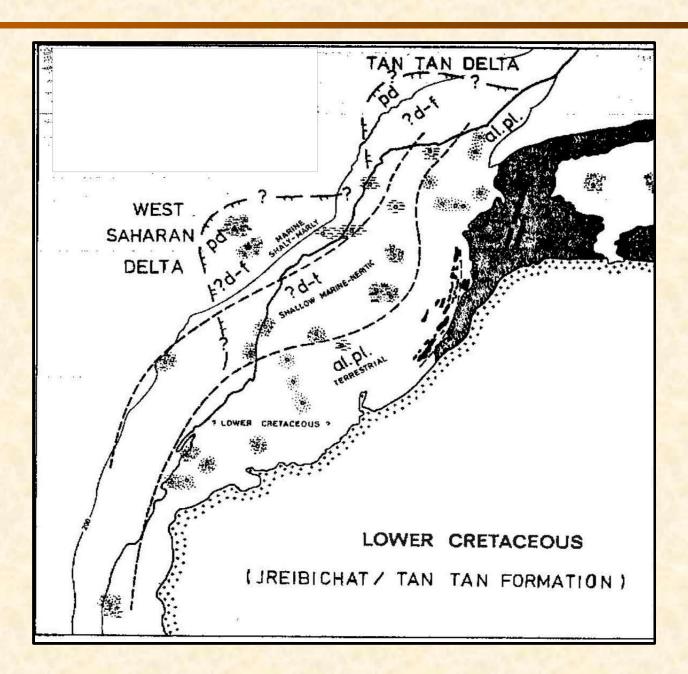






AAIUN BASIN: LOWER CRETACEOUS FACIES MAP

AFTER RANKE, ET AL., (1979)

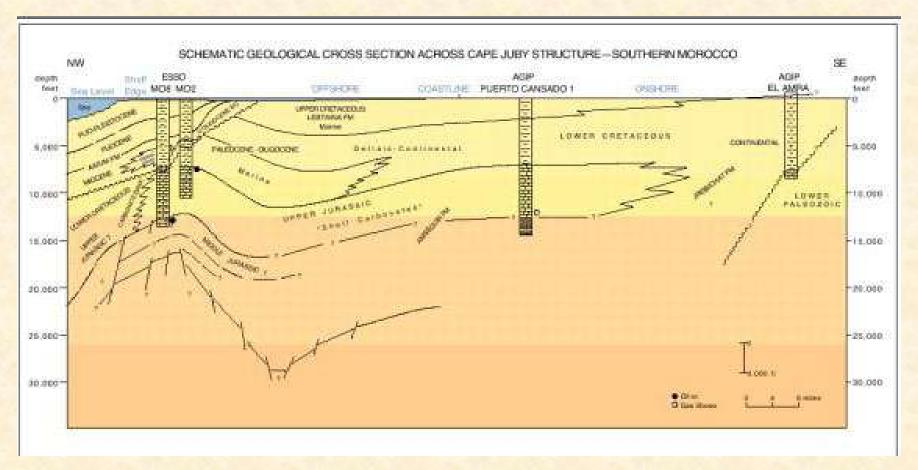








REGIONAL CROSS SECTION THROUGH CAP JUBY STRUCTURE





SADR - SUMMARY OF HYDROCARBON SHOWS

- GULF A1- 47: 1610-1626m "Very strong crude odor and some oil staining" near total depth; not tested; two shallower negative DST's
- ENMINSA Morcba 1: 300 mcfpd from Silurian (western Tindouf Basin)
- CAP JUBY STRUCTURE: "Significant amount of heavy oil" (13 deg. API) in Upper Jurassic reef feature, noncommercial 38 deg. API in Middle Jurassic
- Very little geochemical work done on any well samples



SADR - AAIUN BASIN: SUMMARY CONCLUSIONS

- THICK MARINE AND NON-MARINE SEDIMENTARY (CLASTIC AND CARBONATE) SECTION (> 5000 meters)
- SPARSE EXPLORATORY WELL COVERAGE
- VERY SPARSE EXPLORATION OFFSHORE
- NO DEEP WATER EXPLORATORY WELLS
- SOURCE, RESERVOIR AND SEALING ROCKS PRESENT
- POTENTIAL SLUMP STRUCTURES ON CONTINENTAL SLOPE;
 LYSTRIC FAULTING AND TILTED FAULT BLOCKS WITH COUNTER-REGIONAL DIP ON SHELF

NO PROVEN PETROLEUM SYSTEM BUT ALL THE INGREDIENTS ARE PRESENT



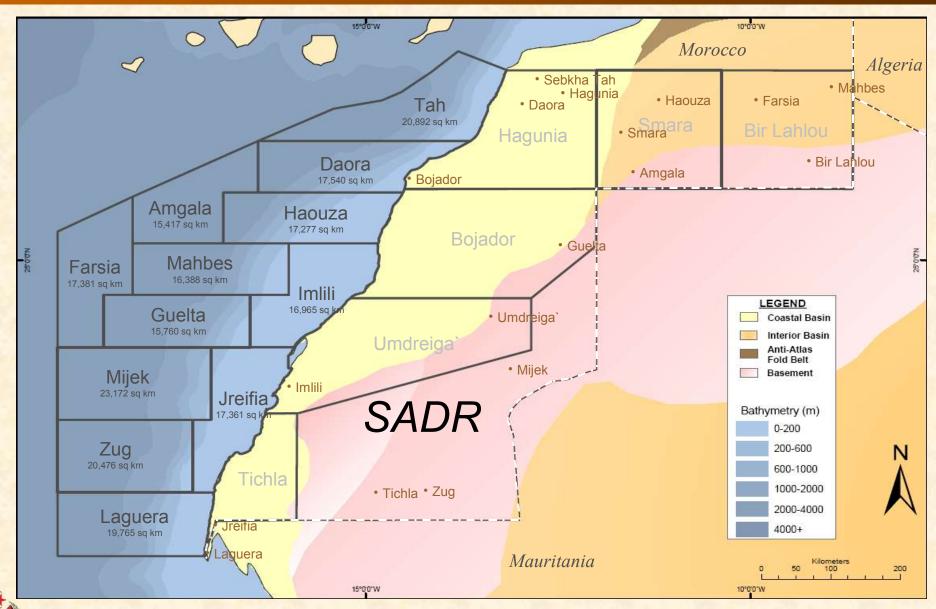
SADR - 2nd LICENSING ROUND

BLOCKS OFFERED AND LICENSE TERMS

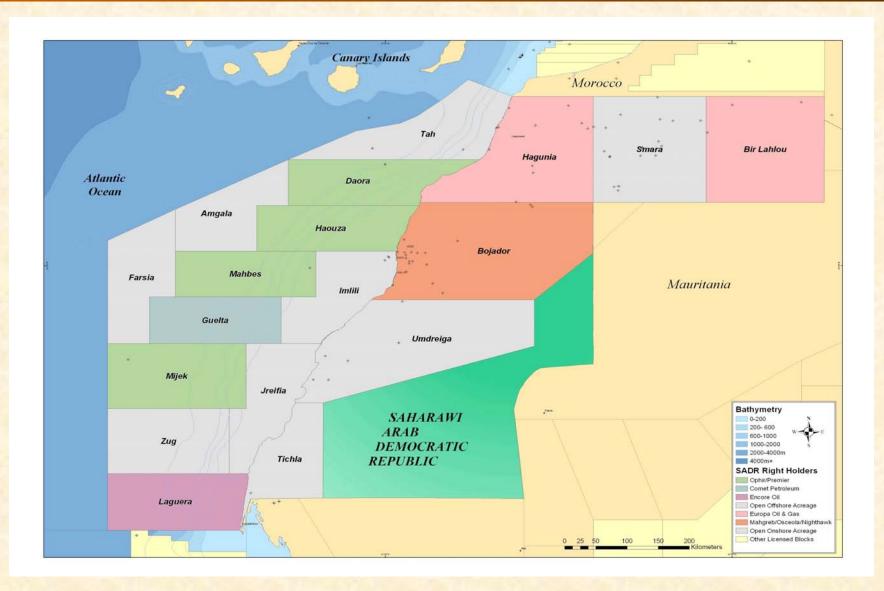




SADR - Block Designations



SADR – Blocks Awarded in 2006







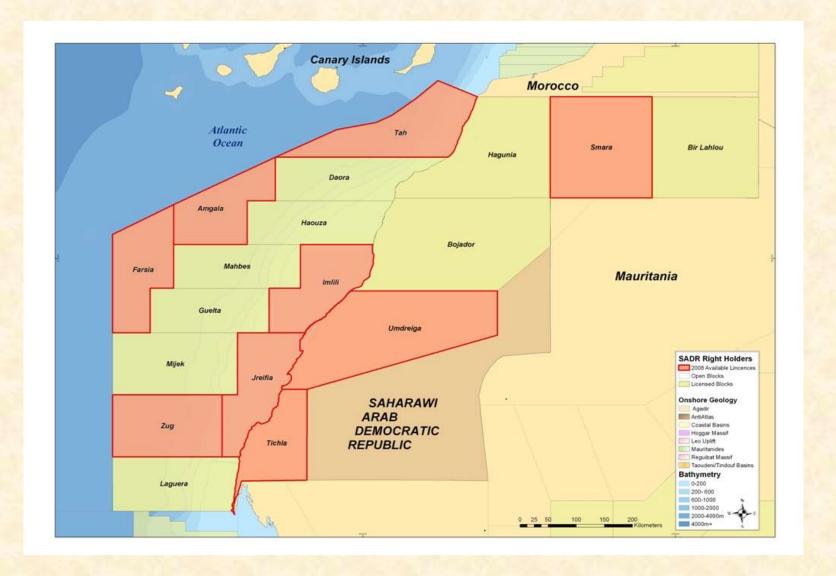
SADR - Block awards

Block _	Area (sq. kms)	<u>Licensees</u>
Daora	17,540	Premier/Ophir
Haouza	17,277	Premier/Ophir
Mahbes	16,338	Premier/Ophir
Mijek	23,172	Premier/Ophir
Laguera	19,765	EnCore
Guelta	15,760	Comet
Hagunia	31,504	Europa
Bir Lahlou	31,452	Europa
Bojador	44,298	Maghreb/Osceola





SADR - Blocks available in present license round





SADR – Blocks available in present license round

Block name	Area (sq. kms)	Water depth (m)
Tah	20,892	0 - 3500
Amgala	15,417	2700-3500
Farsia	17,381	2700-3300
Imlili	16,965	0 – 150
Jreifia	17,361	0 - 700
Zug	20,476	100-3400
Smara	29,895	Onshore
Umdreiga	39,603	Onshore
Tichla	14,579	Onshore





SADR - Licensing Process

- Process is by open tender.
- Petroleum Agreement is a Production Sharing Contract (PSC).
- An Assurance Agreement is signed between the State and the Licensee, as well as a PSC.
- Assurance Agreement bridges between signing the PSC and the SADR's formal recognition by the UN General Assembly.
- The Assurance Agreement provides details to the licensee on controlling legislation whilst SADR specific legislation is being formulated.



SADR – ASSURANCE AGREEMENT TERMS

- TERM: UP TO 10 YEARS
- PSC TERMS BID AND AGREED
- SADR TO MEET TWO CONDITIONS FOR PSC TO BECOME EFFECTIVE:
 - RECOGNITION OF SADR SOVEREIGNTY BY UNITED NATIONS AND ADMISSION TO UN GENERAL ASSEMBLY
 - FORMULATION OF A COMPREHENSIVE SADR TAX LAW
- ADMINISTRATIVE FEE: US\$20,000 PER ANNUM
- SOCIAL CONTRIBUTION: US\$10,000 PER ANNUM
- GOVERNING LAW: ENGLAND



SADR - PSC TERMS 1

- EXPLORATION PERIOD OF THREE TERMS OF THREE YEARS EACH
- WORK PROGRAM AND BUDGET FOR EACH PERIOD: BIDDABLE
- FULL LICENSE TERM: 25 YEARS
- STATE PARTICIPATION: BIDDABLE
- PLAN FOR UTILIZATION OF NATURAL GAS



SADR - PSC TERMS 2

- COST RECOVERY: 80%
- ROYALTY: 5%
- PROFIT SPLIT: BIDDABLE BY PRODUCTION RATES
- SIGNATURE AND PRODUCTION BONUSES: BIDDABLE
- TRAINING PROGRAM: BIDDABLE
- SOCIAL WORKS CONTRIBUTION: BIDDABLE



SADR - 2nd LICENSING ROUND TIME TABLE

- 25 OCTOBER, 2007: INITIAL ANNOUNCEMENT
- 22 JANUARY, 2008: SECOND ANNOUNCEMENT
- 5 FEBRUARY, 2008: HOUSTON PRESENTATION
- 30 OCTOBER, 2008: CLOSING DATE FOR 2ND ROUND
- NOVEMBER, 2008: DISCUSSIONS WITH APPLICANTS
- 1 DECEMBER, 2008: AWARD OF LICENSES





www.sadroilandgas.com



Introduction

Licensing Round

Geological Summary

Petroleum Legislation

Publicity

Contacts

Links



Saharawi Arab Democratic Republic Oil and Gas Exploration 2005 Licensing Round



Contact Us

Your first point of contact should be:

Kamal Fadel, SADR Representative to Australia, via:

- info@sadroilandgas.com; or visit
- www.sadroilandgas.com
- For electronic copies of this presentation, please contact
 Frederik E. Dekker at fdekker@wt.net
- Come and see us at NAPE booth 1017

