

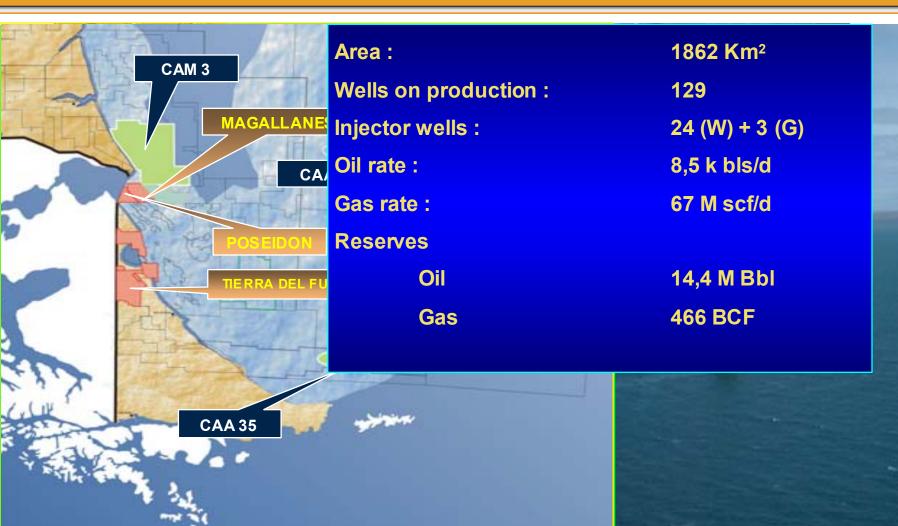
Basin Location Map - UNAS





Assets & Relevant Data





UNAS & Repsol YPF in Argentina (Operated fields) REPSOL

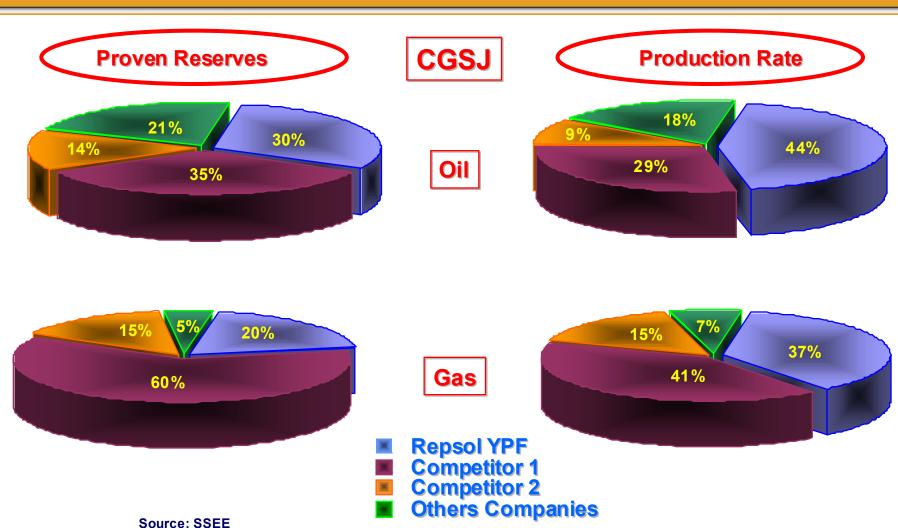


	UNAS	Repsol YPF in Argentina	%
OIL RATE M bbl/d	0,127	0,44	29%
GAS RATE M Scf/d	197	1555	13%
TOTAL FLUID RATE M BOE/d	0,162	0,72	22%

Source: SSEE, 2002

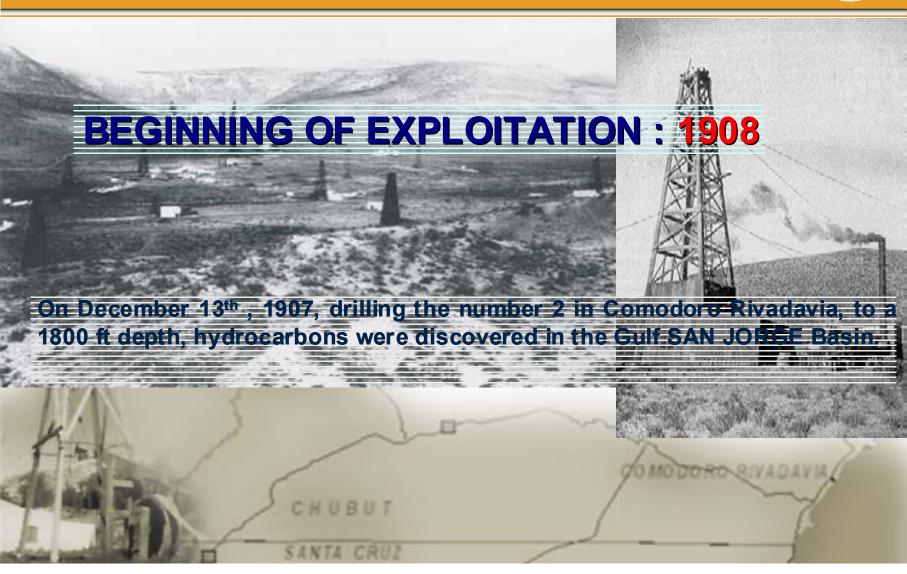
Comparison with competitors (operated fields)





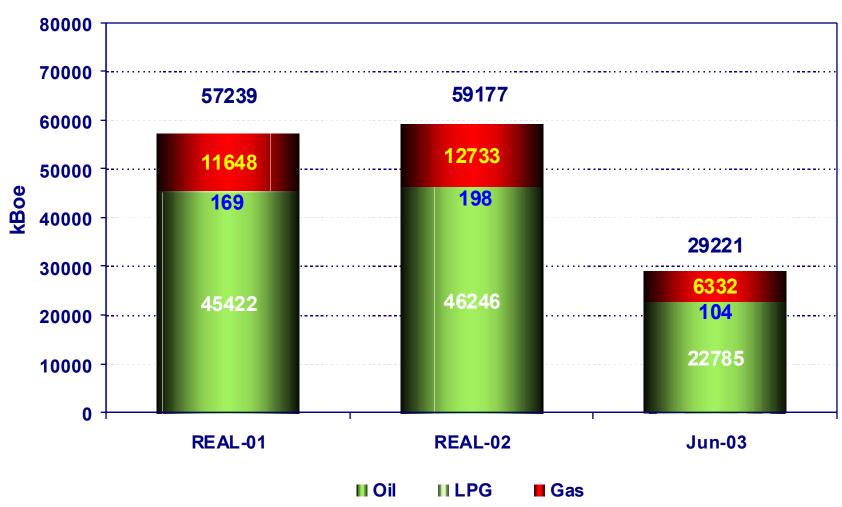
Beginning of Exploitation GSJ Basin





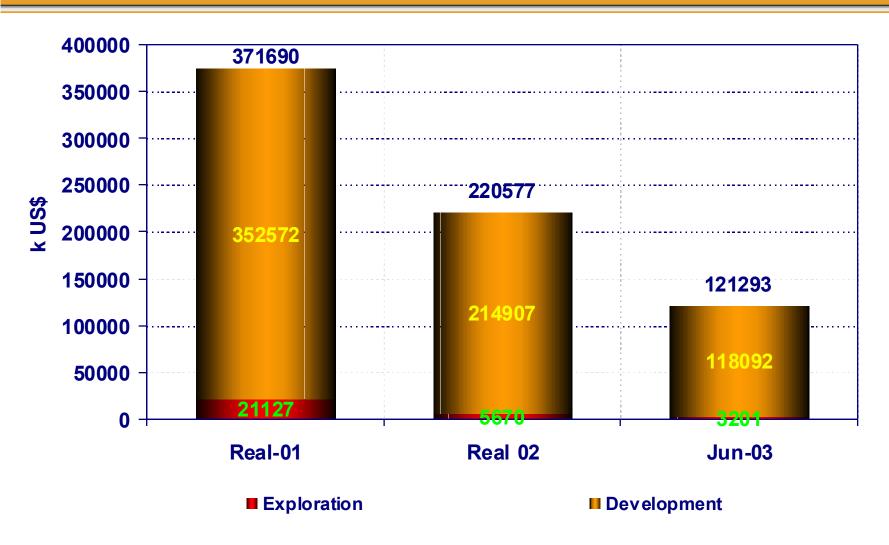
Net Production UNAS





Total Capex UNAS





Net Proven Reserves UNAS



Economic Unit	Proven Reserves DIC-02 kBoe	Discovery & Extensions kBoe	Improved Recovery & Revision kBoe	Net Production kBoe	Proven Reserves JUN-03 kBoe
EU Las Heras	213023	1831	-2029	-14654	198170
EU C.Seco-Chubut	171467	5436	930	-10716	167116
EU Austral	97577			-3851	93726
TOTAL (kBoe)	482066	7266	-1100	-29221	459012

Ratios UNAS



(US\$/Boe)	REAL-01	REAL-02	Jun-03	
LIFTING COST	3,8	2,4	3,1	
FINDING COST	0,5	0,3	0,4	



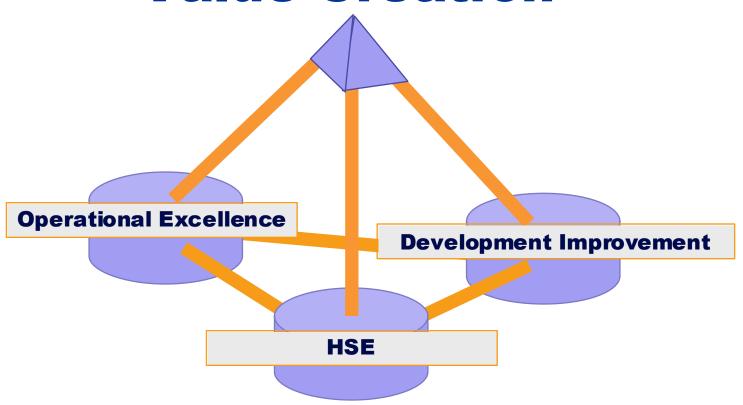
Our Goals.....

- ► To increase the value of our assets.....
- ► To have the most efficient operation......
- ► To maintain a sustainable development program...
- ► To be a HSE Leader.....
- ► To be the most competitive operator....

......Maximize shareholder value......

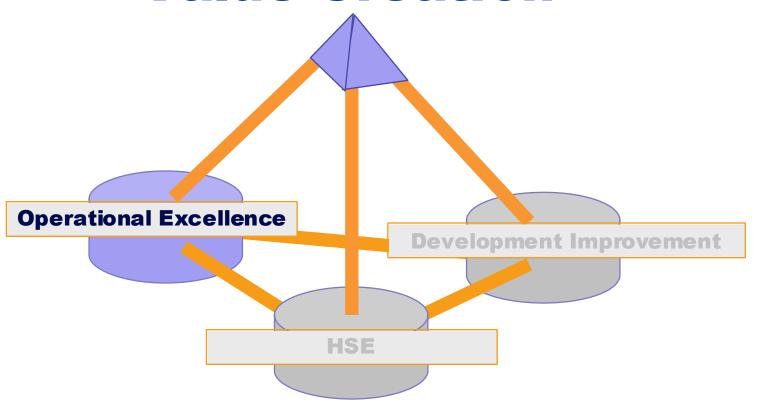


Value Creation



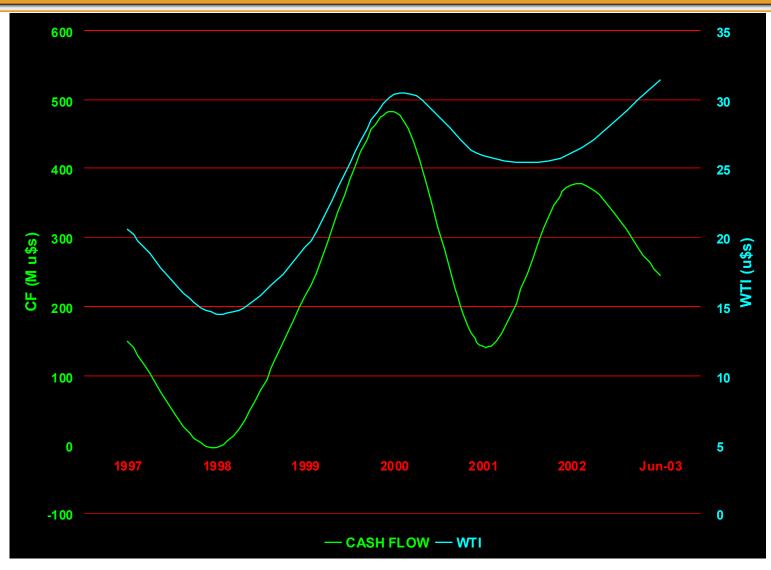


Value Creation



Operational Excellence (Operated)

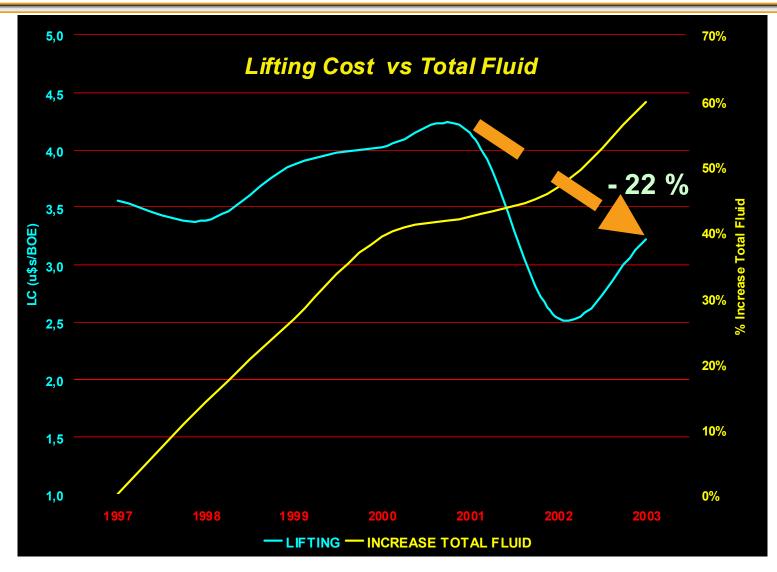




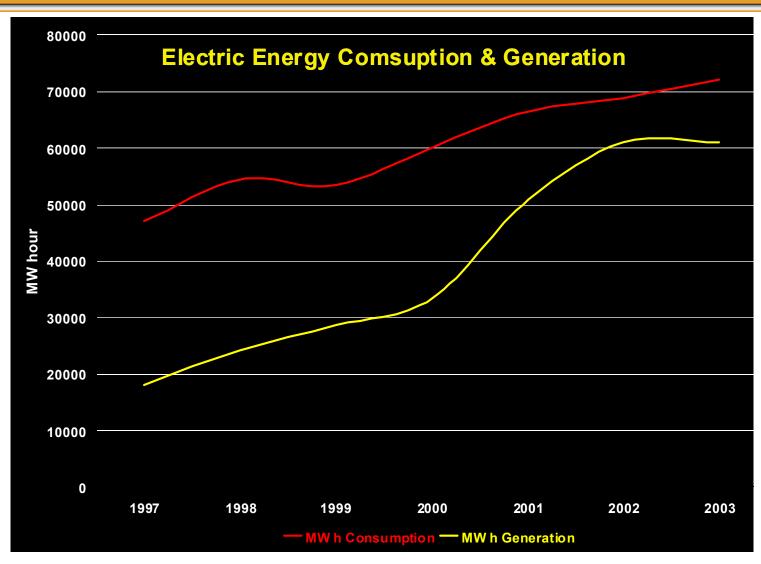


- Lifting Cost Control
 - Design of integral field service contracts.
 - Integral operation of dehydration and water injection plants.
- New tecnology in operation
 - Remote supervision
 - Electric tracing of tubing in heavy oil production wells.
 - Bors Lift system for stripper wells.
 - Rig less completion
 - Servicing with Flushby
- Reduction of down time
- Swabbing of closed-in wells

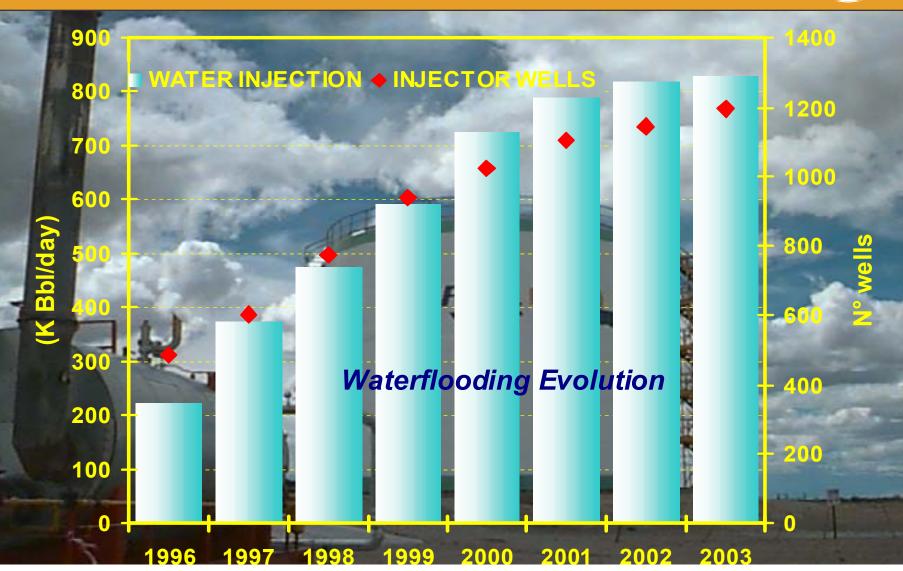




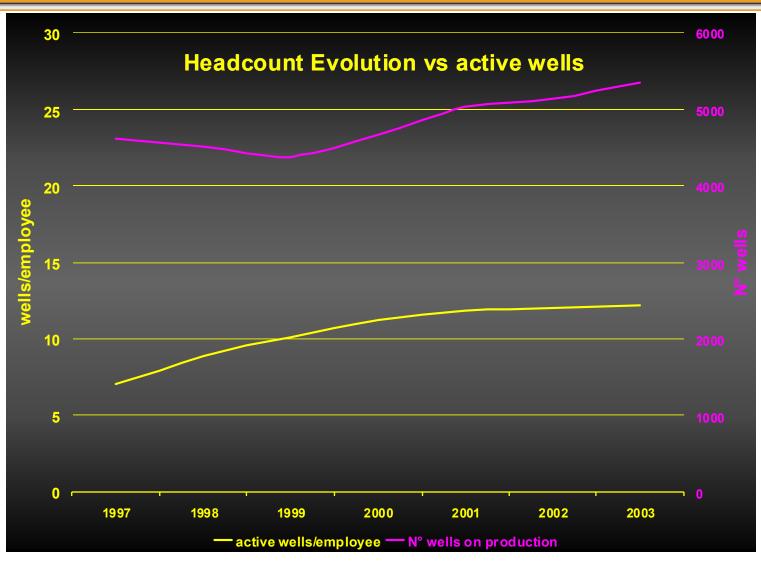






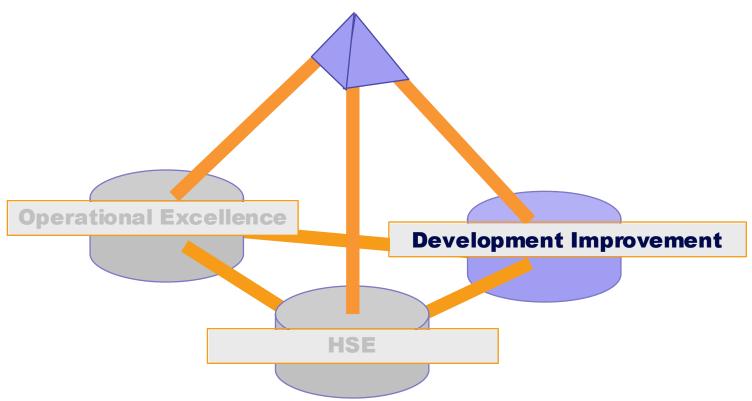








Value Creation





Increase acreage ownership

Rio Mayo Barranca Yankowski

Farm out in neighbouring fields

Lease Bella Vista Oeste (Rio Alto) Lease Meseta Sirven (Pionner)

New Fields

Near Offshore Urban development

New Plays

Lakes Posadas and Buenos Aires - Cretaceous area Project Lias - Northern Patagonia



- New Basins
 - Somuncurá-Cañadón Asfalto Ñirihuau
- Recovery factor improvement
 - Microgel aided water injection Pilot
 - Dissolved gas production control
 - Early water injection
 - In-fill drilling pilot program

- Resources Mobilization
 - Steam injection pilot project (Huff & Puff)
 - Radial drilling pilot project



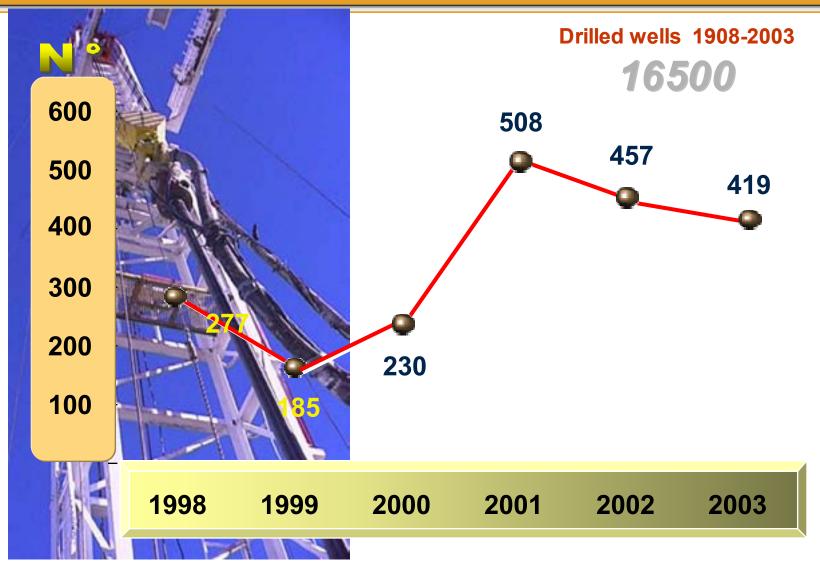
- 3D Seismic application for development
 - Use of AVO techniques, prestack and postack
 - Synthetic sonic profiles generation, spectral analysis
 - Voxel Geo and Geoviz 3D visualization
 - Geostatistical inversion of acoustic impedance.

Non operated Fields

- Increase of Exploration
 - CAM 1
 - Southern TDF
- Exploration in new fields
 - CA 35 (Géminis Project)
 - CAA 40 y 46 (Malvinas Basin)
 - CAM 1 y 3

Development Improvement (Drilling)

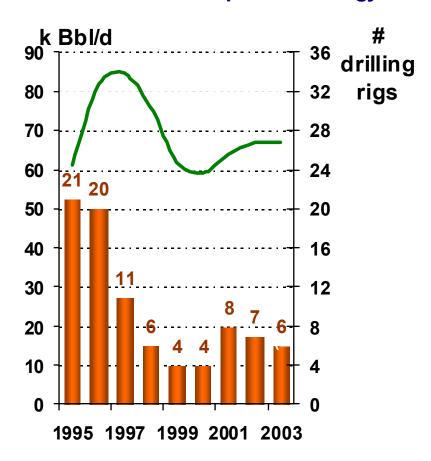




Development Improvement (example)



Development Strategy for GSJ Basin(Las Heras)



- MAJOR CONTRIBUTION OF "NEW" WELLS.
- POSSIBILITY OF RAPID "MONETIZATION" OF RESERVES, UNDER FAVOURABLE WTI.
- PRODUCTION CURVE SUSTAINED BY EARLY IMPLEMENTATION OF WATERFLOODING PROJECTS.
- PROFITABLE DEVELOPMENT OF MARGINAL & MATURE FIELDS.

#drilling rigs — Oil Production



"Drill 600" Project in mature fields (Las Heras)

Joint project management approach









- •Reservoir Management
- Well Location
- •Ge ological analysis
- •Reservoir Engineering
- Operation

- Construction of well location & access
- •Enginering, logistics & drilling
- ·Well logging, cementing and casing
- Well completion
- •Well hydraulic stimulation
- Production Equipment
- Hook up to station



MEASUREMENT OBJETIVES AND RESULTS



Joint project management approach











COOPERATION
Becoming More Effective
COORDINATION
Becoming More Efficient
CONSOLIDATION

Lower Cost

ADV ANTAGES

- FOCUS IN DEVELOPMENT

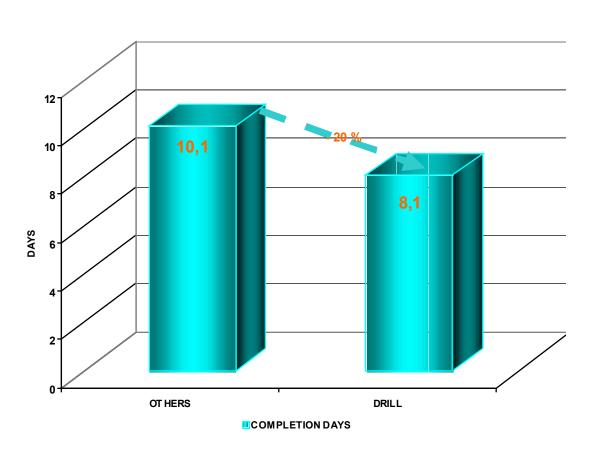
MANAGEMENT

-EFFICIENT USE OF RESOURCES
IN CORE BUSINESS

- SINGLE LEARNING CURVE
- LOGISTIC OPTIMIZATION
- TECHNOLOGY ORIENTED FOCUS



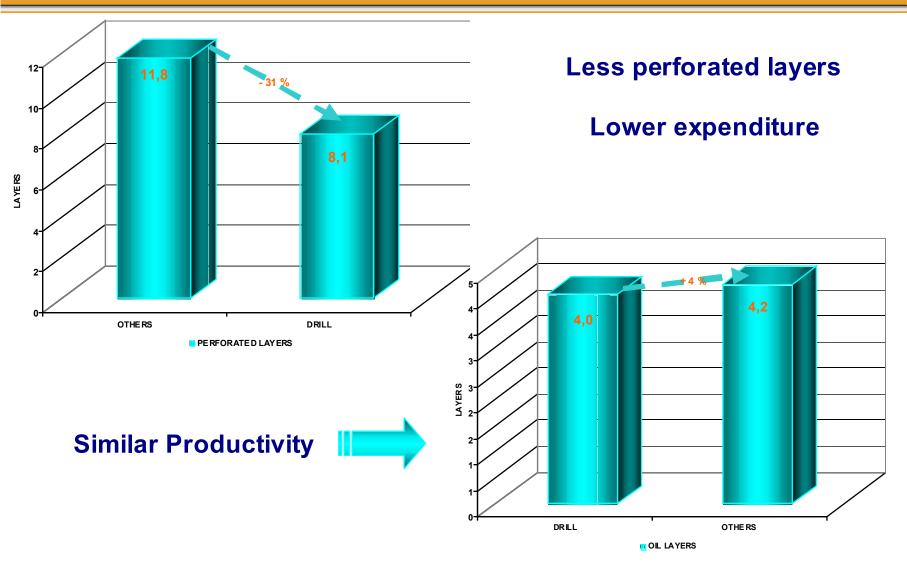
Less average operation days



Lower expenditure

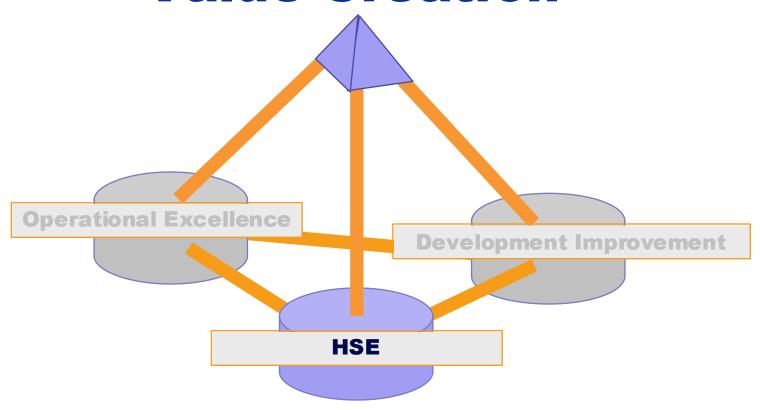
Early production







Value Creation





ENVIRONMENTAL MANAGEMENT SYSTEM

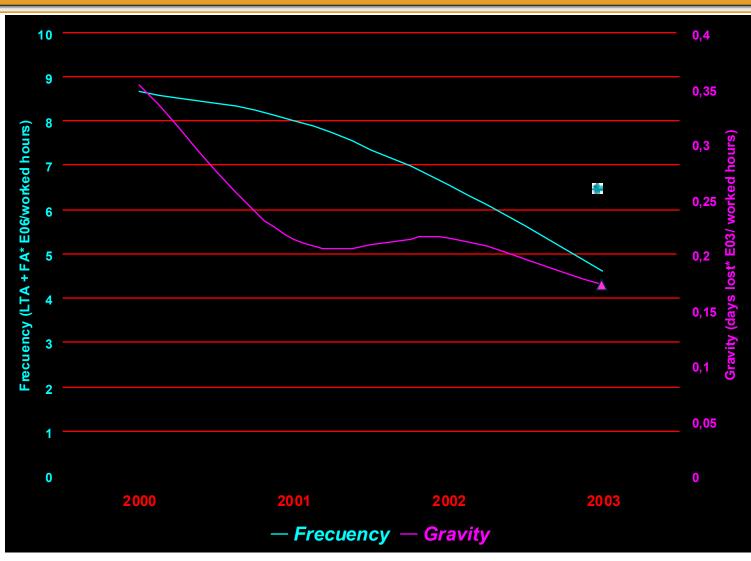
CERTIFY (ISO 14001:1996)

FOR EXPLORATION, EXPLOITATION & TRANSPORT OF OIL AND GAS, GENERATION AND DISTRIBUTION OF ENERGY IN ITS HEAD OFFICE AND THE BUSINESS UNITS



HSE (Indices)

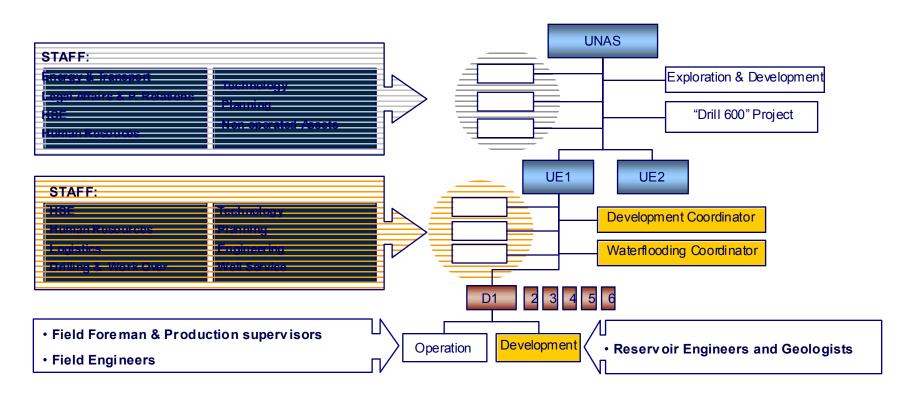




UNAS: Organization Chart



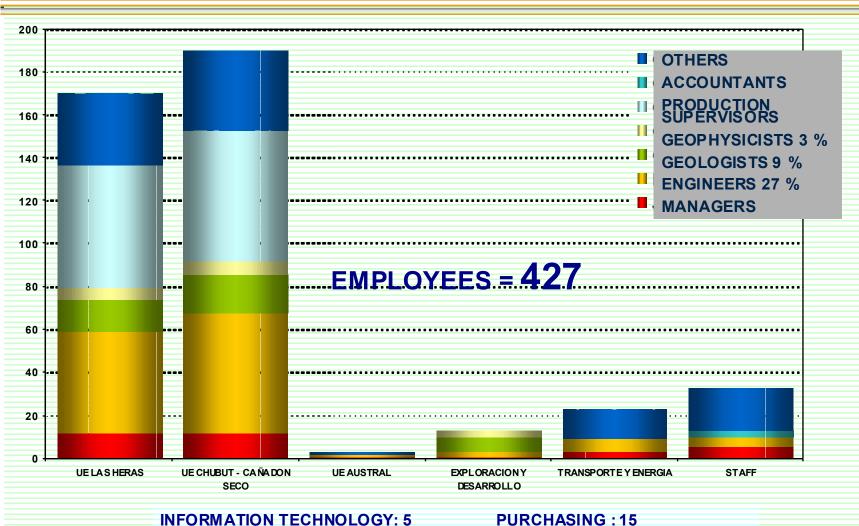
The current business organization of the UNAS for its E&P operations is:



Human Resources

GENERAL ACCOUNTING: 5





CONTRACT WORKERS: 4877

