



BIR EL MSANA OILFIELD

CEPSA HAS OPERATED IN ALGERIA FOR 30 YEARS (OIL AND GAS EXPLORATION AND PRODUCTION)

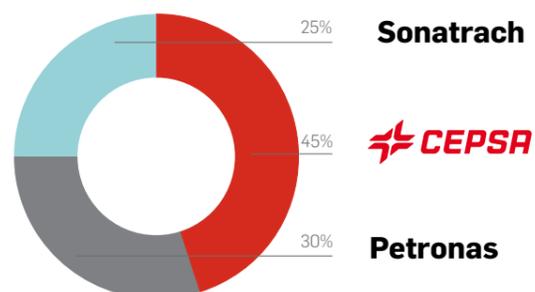
GENERAL INFORMATION

- Field: Bir el Msana (BMS). Block 401c
- Three production wells, three water re-injection wells, two water source wells and one gas injection well
- Cepsa assumed ownership of its participation in the field in June 2013
- EPC Contractor: Hyundai Engineering Company

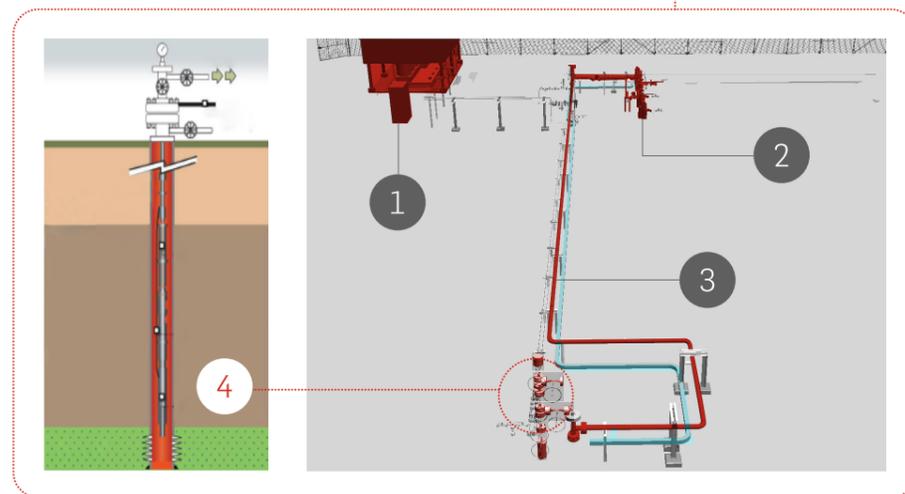
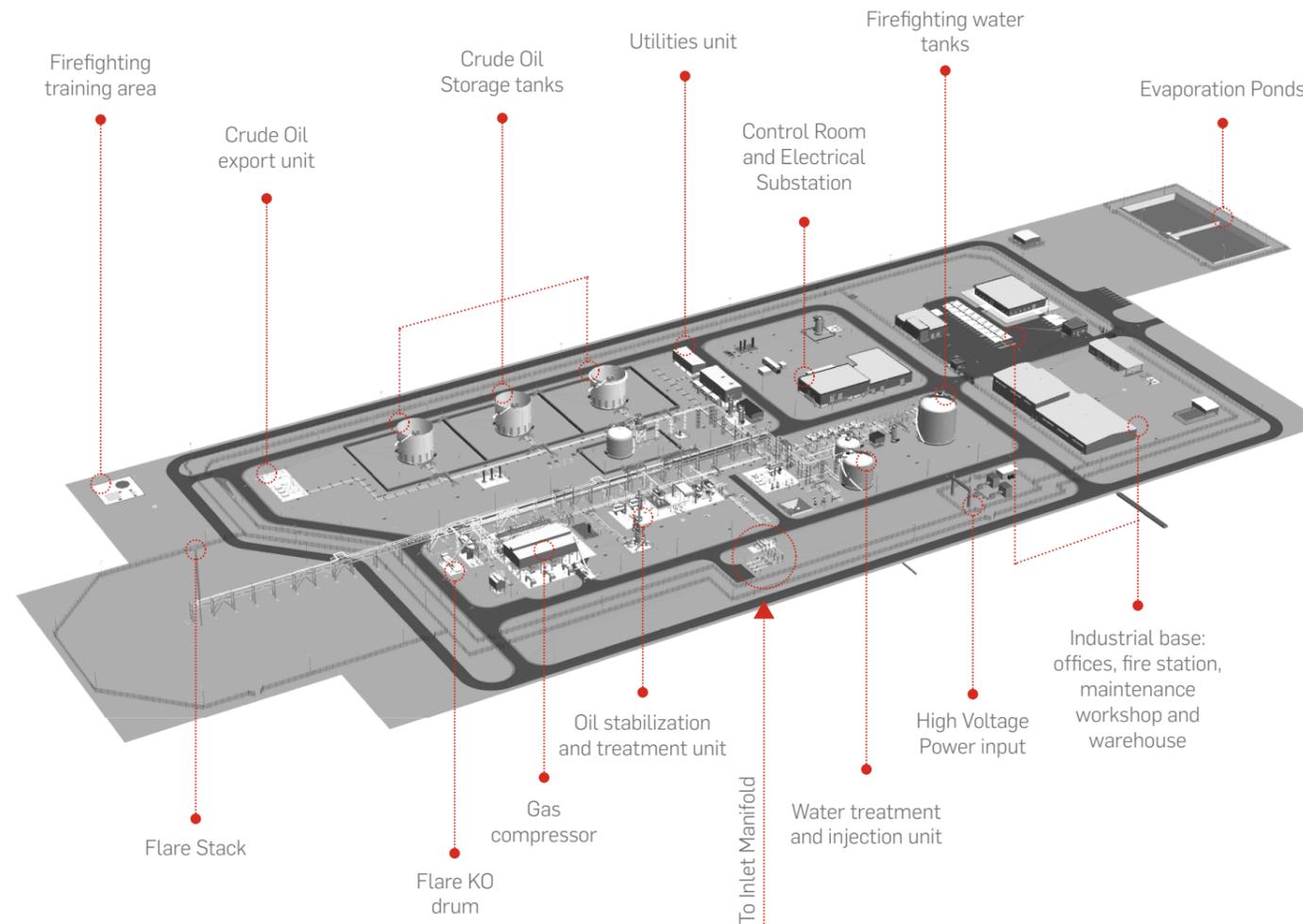
KEY DATA

LICENSE	2027
PLATEAU PRODUCTION	12,000 bopd
RESERVES	35 MMboe
OIL DENSITY	37.2° API
DEPTH	3,200 m
SITE STAFF	86 people
EXPORT LINE	25 km / 10" diameter
GAS REINJECTION	150,000 cubic meter / day

JOINT OPERATING PARTNERSHIP



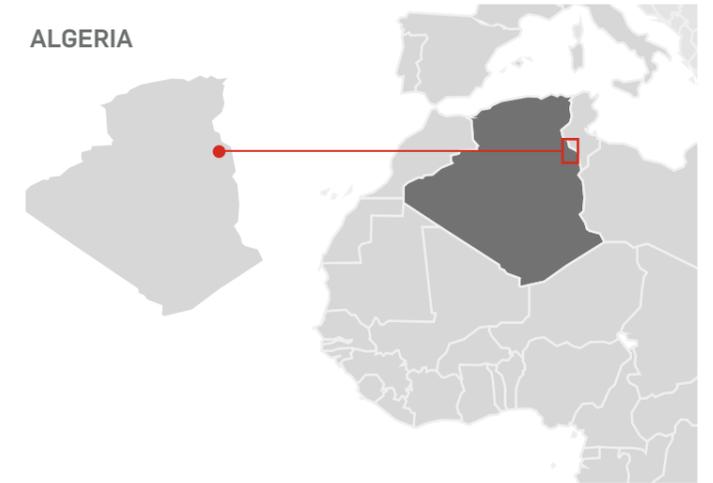
CENTRAL PROCESSING FACILITY (CPF)



Oil extraction process

- 1 Chemical Products injection package
- 2 Pig Launcher Pipeline cleaning station to CPF
- 3 Well Head Piping
- 4 Christmas Tree

LOCATION



CEPSA PARTNERS WITH SONATRACH IN OTHER ALGERIAN PROJECTS

OTHER FIELDS

- Berkine Basin: East part of the country (oil)
 - Ourhoud, second largest oilfield in Algeria
 - RKF
 - Rhourde er Rouni
- Timimoun Basin: Located in the centre of the country
 - Timimoun (gas)

