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SAID ALI CURRICULUM VITEA

Skills

My activities refer to the oil and gas fields. Surface facilities are especially my principal job.

Among these I cover the following:

- Fields development plan (FDP)
- Conceptual studies for surface facilities
- FEED scope of work and ITB documents support
- Artificial lift system design (wells equipments, network configuration, gas treatment, compressors station design)
- FEED and EPC Project management, review and assistance
- Engineering team management (FEED, EPC/EPCM and PMC)
- Good practice in process simulation software (Hysys, Pipsim, Chemcad)

Expérience

May 2014 – at now : oil and gas upstream consultant

Nov.2006 – May 2014 - CNPCIAE (China National Petroleum Corporation Algeria)

Senior development engineer

CNPC have an exploration contract with Sonatrach in Block 438 b. in the south of Algeria. There are many fields of Sonatrach still in production and others close.

After exploration period this block should be developed by CNPC and Sonatrach. One development plan must be carried out early to define the strategy of the global development of this block. The existing wells and facilities must be integrated on this FDP.

Responsibility:

- conceptual study strategy for the development
- study possibilities of existing facilities' integration in new development scheme (screening study and diagnostic)
- detail of the various scenarios of development
- final report for exploitation license application
- FEED documents preparation (ITB, Scope of work)

1999 - 2006

SONATRACH DIVISION ENC

Algeria

Engineering manager

Management of teams specialized in the upstream engineering activity:

- process, mechanical, electricity, instrumentation, piping, civil, HSE

In-house carried out work:

New Projects:

- strategy of development of new gas and oil fields
- definition of the various scenarios of development
- preliminary studies of the scenarios selected
- economic comparison of the various scenarios
- choice of the options and development of the tender documents FEED
- launching of the invitation to tender FEED
- treatment of the technical and commercial offers and choices of the contractor
- follow-up FEED Study
- EPC/EPCM tender documents preparation
- launching the invitation to tender EPC/EPCM
- treatment of the technical and commercial offers and choice of the contractor
- assistance to Project construction

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▪ **Existing facilities:**

- Studies of the existing surface facilities (plants, gathering system,)
- definition of the new needs according to the production profiles
- decision on the options of facilities expansion or revamping
- choice of the option and evaluation of the budget of the project
- execution of the preliminary studies, ITB documents preparation :
- EPC or EPCM in case of small projects (gathering system, revamping,.....)
- FEED in the cases of significant project

▪ **Works achievements:**

- EPC (ITB) for the project Bir berkine/ Northern Bir berkine (25000 b/d oil) and invitation to bid.
- Study in partnership with Anadarko of the El Merk project, oil and gas fields in the Berkine basin and synergy strategy with the surrounding Fields.
- Development of the gas fields in Ohanet region, in association with BHPBilliton/Petofac.Presidency of the management committee Sonatrach/Bhpb of this project.
- Preliminary study and invitation to tender for Edjeleh FEED (flared gas

recovery)

EPC ITB and project achievement

- Bidding documents and invitation to tender for the EPC/Hassi R' mel Boosting project (new compressors station should be necessary to increase the gas pressure at appropriate level)
- Bidding documents and invitation to bid for EPC Hassi- R' mel associated gas new facility for 4 millions m3 of gas per day.
- Rhourde Nouss gas field: Preliminary study, and invitation to bid for The oil ring development. The main target of this project is the recovery of wet gas and production of oil (7000 b/d of oil and 10 Millions m3/d of gas)
- Hassi-Messaoud oil field: new oil treatment facilities (300 000 b/d) Preliminary study, ITB document and scope of work, invitation to bid for EPC contract.

1991–1998

SONATRACH DIVISION ENC

Algeria

Project manager

New gas treatment unit of 6.2 MMSCM/D. Expansion of an existing gas treatment plant.

- Existing plant, which treats 18 millions m3/d of wet gas and started in 1982, has been expanded by adding fourth train of 6.2 millions. Production is insured by 13 wells drilled in the Alrar West field.

Project consists to produce 6.2 millions m3/d of gas from these 13 wells located at Alrar West gas field (20 km from CPF) and build a new train in expansion of the existing facilities. This gas is treated and Condensate, LPG and dry gas are recovered.

Responsibility:

- Invitation to tender: drawing and documents preparation, project description, battery limits definition with the existing facilities, products specifications, project scope of work, general philosophy.
- Bids conditioning
- Proposals evaluation.
- EPCM Contract awarded (Engineering, Procurement and Construction Management allotted to Mitsubishi Japan, Construction allotted to Algerian Companies)
- Approval and follow up of engineering and procurement activities at MHI (Tokyo)
- Schedule and construction strategy
- Construction management on site
- commissioning and start up

1985–1991 ENEP-Petroleum engineering company Algeria

Engineering manager

- team management for detail engineering execution

- Civil
- Mechanical
- Piping
- Instruments
- Electrical

From the process documents and drawing (process data sheet, pfd's, p&id...)

The following documents, drawing and reports are done by the team:

- General Specifications and data sheets
- Detailed drawings (civil, piping, electricity, instrumentation)
- EPC, EPCM technical documents preparation for the owner.
- EPC, EPCM contract execution.

Studies carried out:

- revamping of Nouadibu Refinery- Mauritania
- civil and electricity for DjenDjen port – Algeria
- water conveyance of Ain Amgal – South Algeria
- Fuel pipeline – Skikda-Khroub-El Eulma - Algeria

1984–1985 Chief assistant at IAP(Algerian petroleum institute)

Teaching to 4 th. year engineers of following courses :

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- Gathering and well heads facilities for oil and gas fields
- Wells completion
- Gas lift and pumping

1982–1984

operations Manager (wells operations company- ENSP – Algeria)

- Cleaning and well start up
- Well stimulation
- Well completion after drilling
- Drilling test (DST)

1976 – 1982

Sonatrach Stah - fields Manager

Operating manager for the following three main fields:

Stah: oil field

Mereksen: oil field

Alrar: gas field

Total staff = 600 persons

- Operation management, well completion, work over and drilling on Stah and Mereksen (oil) and Alrar (gas)
- Management of 300 peoples

Responsibilities

- Analyses of the production forecasts established by the reservoir engineering considering producing well status and surface facilities availability. Revision and acceptance of the yearly production profile.

Production profile in this time:

Stah: 62000 bopd

Mereksen: 42000 bopd

Alrar: 7 Millions m3/d of wet gas

- Work program for the wells candidate to work-over and work over program establishment for each well.
- Establishment of the operating budgets
- Programming and completion of the work (gathering of new wells, equipments and plants maintenance, etc.)
- Drilling supervision in Alrar field (development program)
- Data collection for the gas recovery project in Stah, Mereksen and new gas plant in Alrar for 18 millions m3/d, to recover LPG, Condensate and dry gas.
- Well testing program and daily metering of the oil production before export.(tank level and metering system)
- Work supervision for the different sectors (subsurface, surface, well, maintenance, procurement, catering, administration)
- Daily, weekly and monthly meeting with technical team to insure the activities coordination management.
- Monthly report for the management
- Management of the personnel's career

1974 – 1976

Facility engineer – Sonatrach – In amenas

- Flow lines' design for the new producing wells and work supervision.
- flow lines test and cleaning

