

Client Name	:	Saudi Arabian Oil Company
Service Order No.	:	220/743-220/001
Project Title	:	BI-3120, Khuff Condensate for RT Refinery Processing.
Project Description	:	The project entails both the dedication of existing pipelines and crude processing to the new service and the installation of new pipeline facilities. More specifically, a portion of the UA-1 pipeline will be dedicated to transporting the enriched AL crude stream to Abqaiq Plants. The enriched crude stream will be processed in Spheroid 106-T-903 and in Stabilizers 110-C-10 and 110-C-11. The stabilized enriched crude will then be transported to Qatif Junction via the QA-5 pipeline. From Qatif Junction, the enriched crude will be transported to the Ras Tanura Refinery by the QRT-7 pipeline. At Zero Anchor, the QRT-1 pipeline will be used to deliver the enriched crude to the refinery.
Client Project Engineer	:	M.S. Qureshi (Ld. Project Engineer)
Telephone No.	:	891-3424
Department	:	XCCPD
Zate Project Manager	:	G.K. Bahl
Start Date	:	October 1994
Finish Date	:	December 1996
Total Project Design M/Hrs	:	65,636
Project Parameters	:	

Preparation of detail engineering design including process simulation study, material procurement/reservations, construction scope of work and construction bid package.

- o Installation of new jump overs.
- o Installation of new chemical injection system.

Khuff Condensate at R.T. Refinery Processing (Cont'd)

- o Installation of new FBE internally coated pipes.
- o Installation of 8" new condensate pipeline with a separate ESD system.
- o Installation of new surge relief system.
- o Modifications to existing piping installations.
- o Replacement of existing pipelines with new FBE internally coated pipes.
- o Installation of communication link between OSPAS CDS and Plant Control Room.
- o Installation of 2 new scraper traps.
- o Installation of a boiling point analyzer and reid vapor pressure analyzer.
- o Mothballing of existing jumpovers.
- o Mothballing of existing pipelines.
- o Interface to videospec and BI-3712 (DCS @ Abqaiq Plants) (BI-3712 Abqaiq Plants Control Systems Modernization)