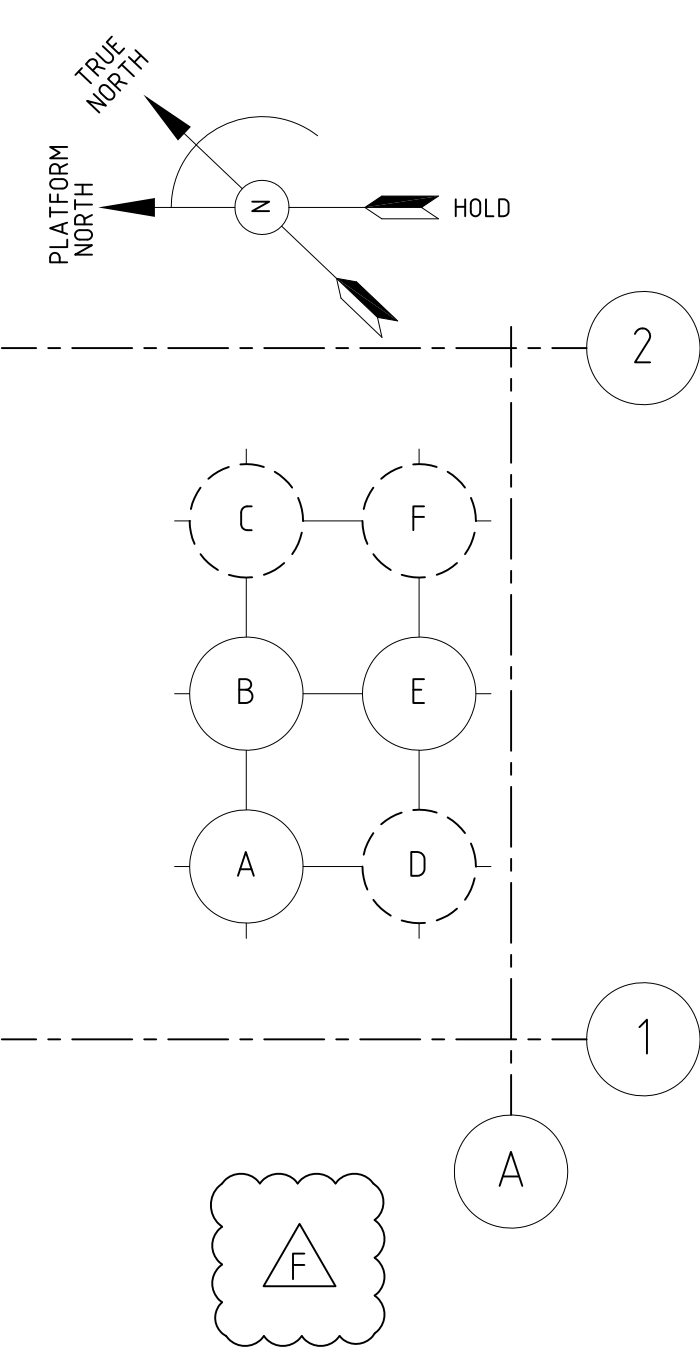


Q-1450D (FUTURE)	
WELLHEAD XMAS TREE PACKAGE	
DESIGN PRESSURE	15000 PSI

Q-1450A	
WELLHEAD XMAS TREE PACKAGE	
DESIGN PRESSURE	15000 PSI

REFERENCE DRAWINGS	
DRAWING No.	DESCRIPTION

- NOTES:
- SAMPLE POINT (FOR LIQUID) AT LOWEST HORIZ. POINT AT BOTTOM OF LINE
 - MINIMUM DISTANCE BETWEEN VALVES TO BE 500 mm
 - IF FWHP (FLOWING WELL HEAD PRESSURE) HAS DROPPED BELOW 175 Barg, TRIM OF CHOKE VALVE CAN BE REPLACED, Cv VALUE OF VALVE CAN BE INCREASED TO 126. (LOWER PRESSURE DROP!)
 - 3D BENDS UP TO PRODUCTION/TEST HEADER PILOT SUPPLY LINES OF RELIEF VALVES TO BE HEATTRACED AND INSULATED
 - INTERLOCKED WITH MASTER VALVE (MIL-1450x-1) INSIDE HWCP-701 (A4505-004)
 - INTERLOCK SSV 1450X IS LOCATED IN HWCP 701 (A4505-004)
 - SETTING CAN BE DECREASED DURING PRODUCTION
 - THERMOWELL SUPPLIED BY X-MAS SUPPLIER (SCREWED CONNECTION)
 - LIMIT SWITCH AND SOLENOIDS TO ESD SYSTEM
 - TO BE BLIND OFF, FOR FUTURE CONNECTION
 - INCLUDE DUMMY FOR FUTURE VALVES WITH BLIND FLANGES ACC. SPEC.
 - SAMPLE CONNECTION CAN BE RELOCATED TO 900# SYSTEM DOWNSTREAM THE CHECK VALVE/REROUTING OF PIPING IS REQUIRED
 - API 4 1/8" 15000 PSI FLANGES (CLASS 1500DS) ARE ADAPTED TO MATCH 6" PIPE FOR DIRECT WELDING



F	01/05/12	KVB	RE-ISSUED FOR AFC	JBE	WLI
B	15/08/11	-	ISSUE FOR HAZOP	JBE	MST
C	23/09/11	RHB	HAZOP COMMENT INCORP-AFD	JBE	WLI
D	04/11/11	KVB	AFD-UPDATED	JBE	WLI
E	24/02/12	KVB	ISSUED FOR AFC	JBE	WLI
REV:	DATE:	BY:	DESCRIPTION:	CHK'D:	APP'D:

GDF SUEZ E&P Nederland B.V. SECTION No.: —

GDF SUEZ

PLATFORM: L5a-D

TITLE: P & I DIAGRAM
WELLHEAD Q-1450A/D

SCALE: NONE	DRAWING No.: A4505	SHEET No.: 0003	SIZE: A1
JOB No.: A3203			REV F

