

UPDATED: Thursday, November 28, 2013 2:20:58 PM BY: Manual
 PRINTED: Thursday, November 28, 2013 4:22:18 PM DWG NAME: H:\PROJECTS\New NDS\Design Drafting\General\DFR\PDF\DFR-40-PR-PF-001 Rev. 0A.dwg

003-E-05-3011
DEMETHANIZER REBOILER
 DUTY: 2180 kW

003-CFM-05-3017/3019
BRAKE COMPRESSOR AFTERCOOLER FAN MOTORS
 DUTY: 37.3 kW @ 1200 RPM

003-E-05-3010
INLET/RESIDUE GAS EXCHANGER
 DUTY: 5744 kW

003-E-05-3015
BRAKE COMPRESSOR AFTERCOOLER
 DUTY: 1901 kW

003-V-05-3012
COLD SEPARATOR
 SIZE: 1829 mm ID x 3048 mm S/S

003-CF-05-3016/3018
BRAKE COMPRESSOR AFTERCOOLER FANS
 SIZE: 3353 mm

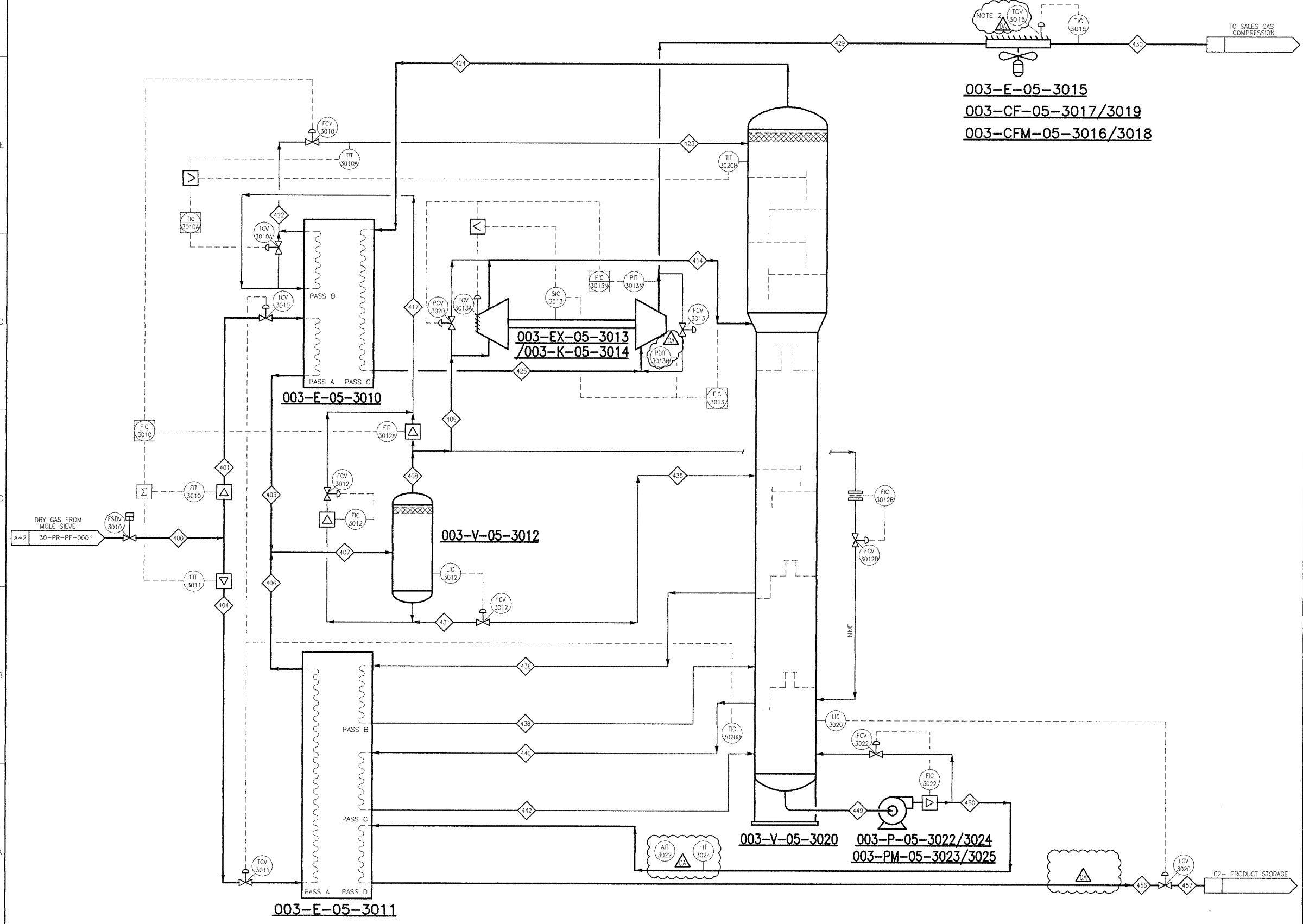
003-EX-05-3013 & 003-05-K-3014
TURBO EXPANDER/COMPRESSOR
 OPERATING BHP: 1526 kW FOR EXPANDER
 1502 kW FOR COMPRESSOR
 OPERATING RPM: 28,200

003-V-05-3020
DEMETHANIZER
 SIZE: 1372/1829 mm ID x 9144/23,774 mm S/S

003-P-05-3022/3024
NGL PRODUCT PUMPS
 CAPACITY: 57.5 m³/hr @ 370 m TDH

003-PM-05-3023/3025
NGL PRODUCT PUMP MOTORS
 DUTY: 111.9 kW @ 3600 RPM

GENERAL NOTES:
 1. SEE REFERENCE DOCUMENT: DFR-40-PR-TA-0002 HEAT AND MATERIAL BALANCE.
 2. BRAKE COMPRESSOR AFTER COOLER EQUIPPED WITH 4 ACTUATORS. (TCV-3015/3015A/3015B/3015C). ONLY ONE SHOWN ON PFD FOR CLARITY.



NO.	REVISION	DATE	BY
0A	REVISED AS NOTED	NOV.28/13	MFF
0	RELEASED FOR FABRICATION	NOV.12/13	MFF

PROJECT NAME:
FERRIER CENTRAL PROCESSING FACILITY

CLIENT:
DEVON CANADA c/o WORLEY PARSONS

DOCUMENT NAME:
DEEP CUT PROCESS FLOW DIAGRAM

THERMO DESIGN ENGINEERING LTD.
 OIL & GAS PRODUCTION EQUIPMENT
 DESIGN + FABRICATION + INSTALLATION
 EDMONTON, ALBERTA, CANADA
 APECCA PERMIT NUMBER: P2800

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TDE JOB NUMBER:
12-118

DOCUMENT NUMBER:
DFR-40-PR-PF-0001

ITEM SHEET REV:
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