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V-501 SUCTION SCRUBBER

24" OD x 6'-6" S/S
DP = 450 PSIG @ 300°F
S/N: 05-412-501
CRN: T0039.231

K-100 COMPRESSOR

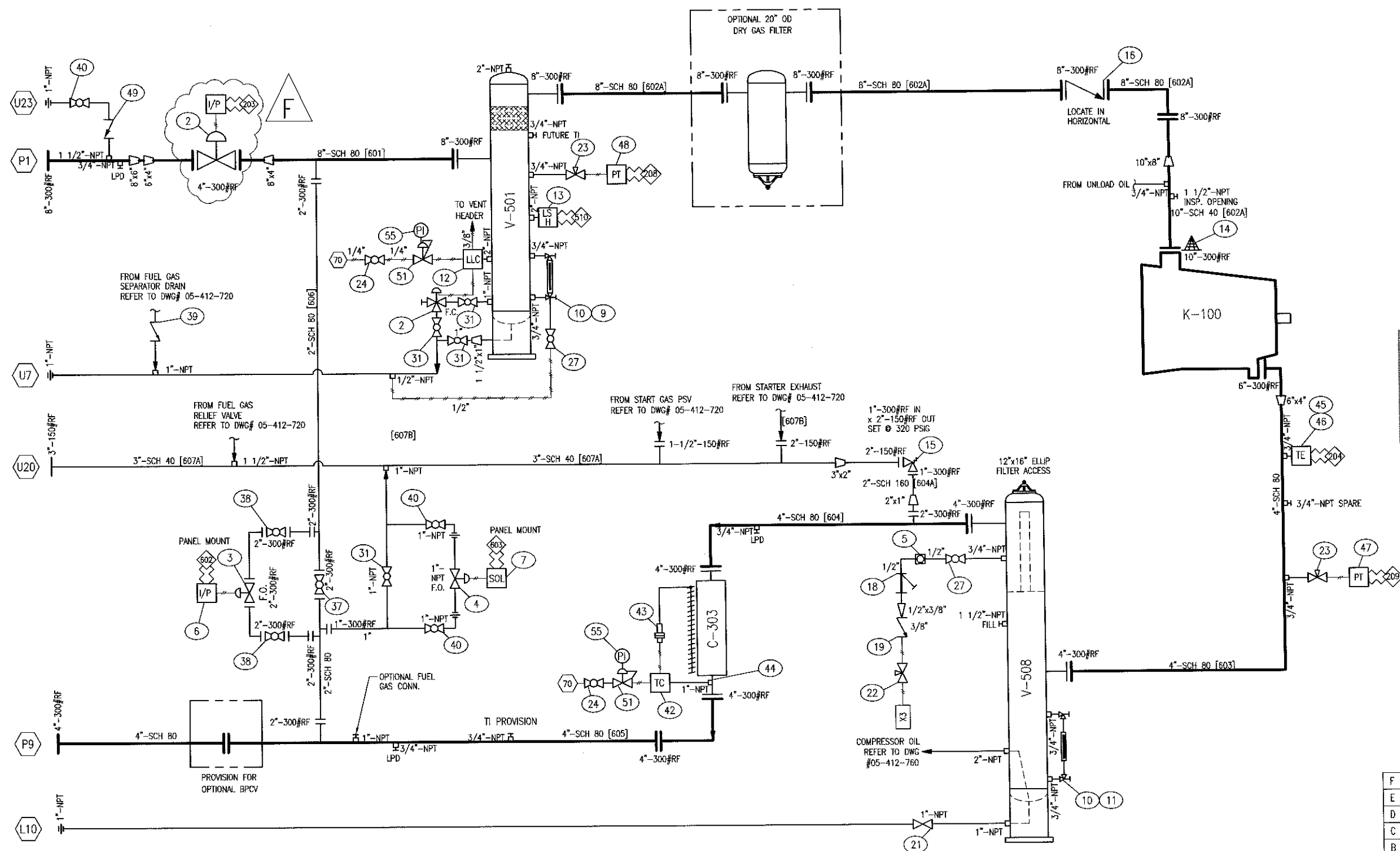
SULLAIR PC25L
MAWP = 450 PSIG

V-508 LUBE OIL SEPARATOR

30" OD x 7'-6" S/S
DP = 450 PSIG @ 300°F
S/N: 05-412-508
CRN: T2880.231

C-303 AC COOLER SECTION

DP = 450 PSIG @ 300°F
S/N: 0530602-2
CRN: T4486.231



ISSUED FOR CONSTRUCTION

SIGNED: _____
DATE: _____

FEB 11 2013

ELECTRICAL TERMINATIONS

- 203 SUCTION PRESSURE CONTROL VALVE SIGNAL
- 204 COMPRESSOR HIGH DISCHARGE TEMPERATURE
- 208 SUCTION PRESSURE
- 209 DISCHARGE PRESSURE
- 510 INLET SCRUBBER HIGH LIQUID LEVEL
- 602 BYPASS CONTROL SIGNAL
- 603 BLOWDOWN CONTROL SIGNAL

PNEUMATIC TERMINATIONS

- 70 INSTRUMENT SUPPLY

GENERAL NOTES

- INSTRUMENTATION
 - TEMP. & PRESS. GAUGES SHALL BE DUAL SCALE
 - INSTRUMENT MEDIUM TO BE CLEAN DRY GAS
 - CONTROL PANEL POWERED BY - 24 V DC (CUSTOMER SUPPLIED)
 - PROCESS TUBING TO BE 1/4" OD x .035" W.T. 316SS
 - FITTINGS TO BE 316SS c/w 316SS FERRULES
 - INSTRUMENT TUBING TO BE 1/4" OD x .035" W.T. CS
 - FITTINGS TO BE CS c/w CS FERRULES
 - LUBE OIL TUBING AS NOTED x .035" W.T. CS
 - FITTINGS TO BE CS c/w CS FERRULES
 - TUBING RUNS IN TRAFFIC AREAS SHALL BE PROTECTED WITH REMOVABLE COVER
 - ON SKID I.S. WIRING BY BIDELE
 - ON SKID CONDUIT BY BIDELE (ALUMINUM)
- PROCESS PIPING
 - CONSTRUCTED IN ACCORDANCE WITH ANSI B31.3
 - HYDROSTATIC TESTED TO 1.5 x DESIGN PRESS. @ AMBIENT
 - CORROSION ALLOWANCE = 0.125 INCHES
 - RADIOGRAPHIC EXAMINATION = 100%
 - STRESS RELIEVED - 1150°F ±25°F FOR 1 HOUR
 - EXTERNALLY PICKLED
 - ALL FLANGED RELIEF VALVES SHALL BE GUSSETED BACK TO PIPING OR VESSEL
 - PIPING TO BE ANCHORED TO STRUCTURAL MEMBER WITH BIDELE STANDARD STRAP TYPE HEAVY DUTY CLAMPS (NO "U-BOLT" TYPE)
 - PROCESS SCREWED CONNECTIONS SHALL BE 3000# F.S. THREADED

3. PROCESS PRESSURE VESSELS

- CONSTRUCTED IN ACCORDANCE WITH ASME SECTION VIII, DIV. 1
- HYDROSTATIC TESTED TO 1.3 x DESIGN PRESS. @ AMBIENT
- CORROSION ALLOWANCE = 0.125 INCHES
- RADIOGRAPHIC EXAMINATION = FULL PER UW-11(a), RT-1
- STRESS RELIEVED - 1150°F ±25°F FOR 1 HOUR
- EXTERNALLY PICKLED
- INTERNALLY PICKLED & RUST PROTECTED
- VESSEL SCREWED CONNECTIONS SHALL BE 3000# F.S. TOL
- CRN'S REQUIRED FOR AB, BC & SASK.

4. STRUCTURAL STEEL

- SKID REQ'D FLAT SEAL PAN

5. CUSTOMER NOTES

- COLOR OF PACKAGE: ALL EQUIPMENT PRIMED & FINISHED WITH WARM GREY INDUSTRIAL ENAMEL

6. GENERAL NOTES

REV	DATE	BY	APPR	DESCRIPTION
F	13-02-06	JQ	SZ	REVISED AS NOTED
E	12-06-20	JQ	SZ	REVISED PSY PSIG
D	12-06-14	GW	SZ	ADDED LINE NUMBERS, REVISED DISCHARGE PSY
C	12-06-06	GW	SZ	UPDATED TITLE BLOCK, REVISED AS NOTED
B	12-05-31	GW	SZ	SALE TO PENNWEST
A	07-08-29	BES	LS	AS BUILT
O	07-02-08	BES	LS	ISSUED FOR CONSTRUCTION

REVISIONS

NORTH SHOP 5475 - 56th AVENUE S.E. CALGARY, AB T2C 3K6 PHONE: (403) 235-4545 FAX: (403) 236-4463	BIDELE GAS COMPRESSION	SOUTH SHOP 6900 - 112th AVENUE S.E. CALGARY, AB T2C 4Z1 PHONE: (403) 235-5877 FAX: (403) 272-7749
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SOUR PROCESS FLOW DIAGRAM (<2% H2S)			
WAUKESHA F18GL / SULLAIR PDR-25X / ACE J36-14			
CUSTOMER: PENNWEST EXPLORATION			
LOCATION: SWAN HILLS			
LSD:	10-32-067-09 W5M	JOB#:	05-412
DWN	DATE	SCALE	DWG#
BES	07-01-26	NTS	05-412-700
REV	F		