

P:\PC Compression\Drafting\Work-Internal\1-795 RCAA-07058 HUSKY NK60 AB\A-PID-RCAA07058 AB.dwg, Model, 7/24/2007 9:20:27 AM, scottape, This drawing is the Property of PC Compression Inc. It may not be duplicated or tr

C-210 COMPRESSOR

Manufacturer: ROTORCOMP
Model: NK60-GAS
Min/Max Suction Pressure: 0psig/1psi
Max Discharge Pressure: 218psi
H.P.: 20 MAX
S/N: G.41004

D-310 COMPRESSOR MOTOR

Manufacturer: SUNFAB
Model: M012WH-B4KU
HP: 27 MAX CONT.
RPM: 4800 MAX. CONT.
S/N: 328727

HM-330 HYDRAULIC MANIFOLD

Make: HY POWER
Model No.: HM027107
c/w EY-3301 BY-PASS SOLENOID
c/w EY-3302 SOFT START SOLENOID

E-510 AIR COOLED EXCHANGER

Manufacturer: GLOBAL HEAT TRANSFER
Model: GHT-490
MAWP 302 PSIG @ 350°F
CRN No.: OH7426.213
S/N: 0704126024

D-320 COOLER FAN MOTOR

Manufacturer: PARKER
Model: MGG20010 BC1A3
S/N: RB-2112

V-120 DISCHARGE SCRUBBER

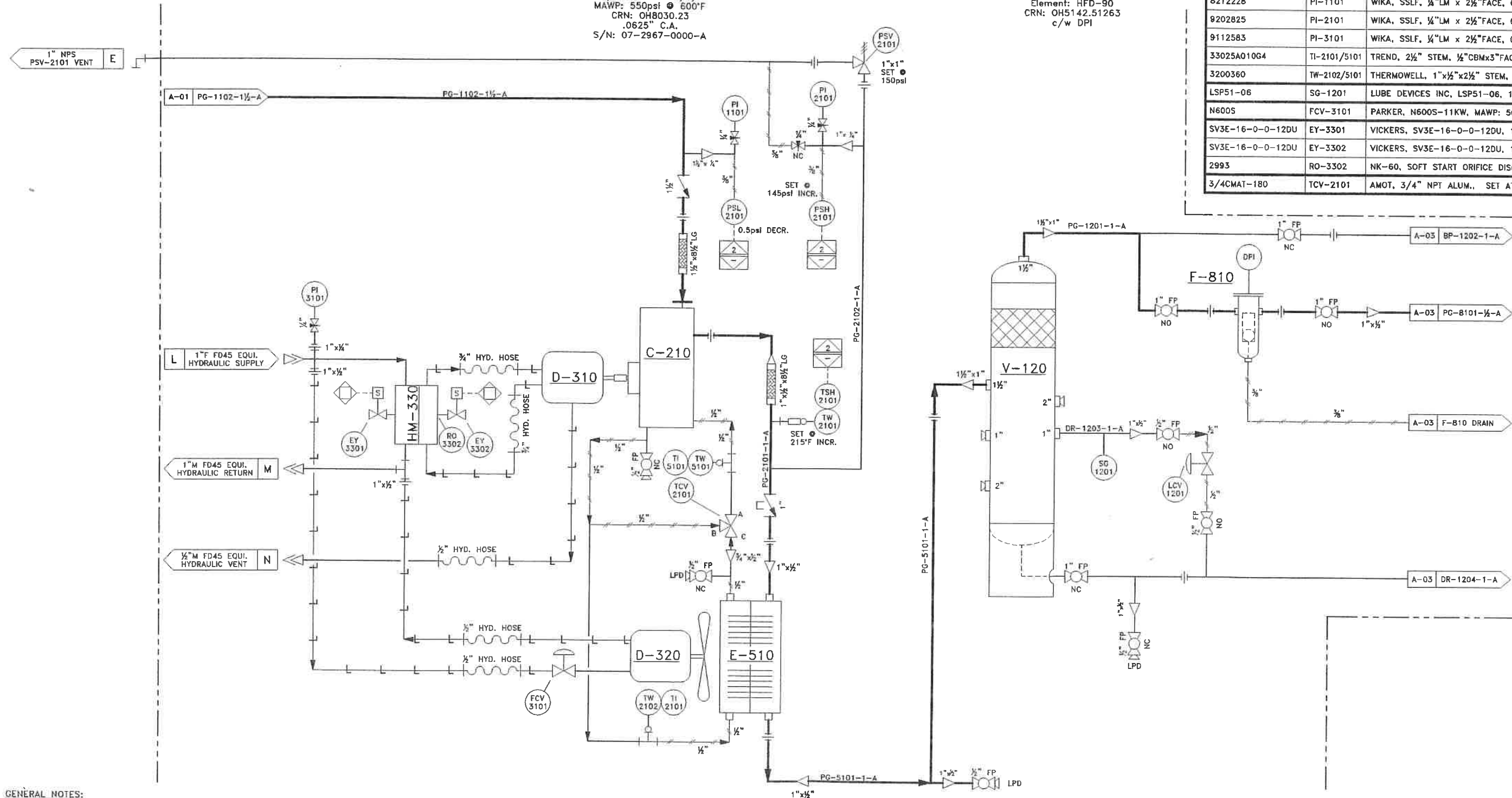
Manufacturer: PYRAMID CORPORATION
Size: 168.3mm x 914.4mm S/S
(6.625" x 36" S/S)
MAWP: 550psi @ 600°F
CRN: OH8030.23
.0625" C.A.
S/N: 07-2967-0000-A

F-810 FILTER

Manufacturer: PEACOCK FLAIR
Model: HF-90
MAWP: 232psi @ 150°F
Element: HFD-90
CRN: OH5142.51263
c/w DPI

BILL of MATERIAL

ITEM CODE	ITEM TAG	DESCRIPTION
9117D51V07E1-150	PSV-2101	MERCER, 9117D51V07E1, 1"x1" NPT, SET @ 150psi
646GE1	PSL-2101	LO SUCTION PRESSURE, CCS 646GE1, S.R.: 1.2-18psi
6900GE18	PSH-2101	HI DISCHARGE PRESSURE, CCS 6900GE18, SET @ 145psi INCR.
6900TUE16	TSH-2101	HI DISCHARGE TEMPERATURE, CCS 6900TUE16, S.R.: 185-315°F
3292000	TW-2101	THERMOWELL, 1"x1/2"x6" STEM, 316SS
WLD1811	LCV-1201	WATSON McDANIEL, WLD-1800
8212228	PI-1101	WIKA, SSIF, 1/4"LM x 2 1/2"FACE, 0-30psi
9202825	PI-2101	WIKA, SSIF, 1/4"LM x 2 1/2"FACE, 0-200psi
9112583	PI-3101	WIKA, SSIF, 1/4"LM x 2 1/2"FACE, 0-5000psi
33025A010G4	TI-2101/5101	TREND, 2 1/2" STEM, 1/2"CBMx3"FACE, 50 to 500°F
3200360	TW-2102/5101	THERMOWELL, 1"x1/2"x2 1/2" STEM, 316SS
LSP51-06	SG-1201	LUBE DEVICES INC, LSP51-06, 1" NPT
N600S	FCV-3101	PARKER, N600S-11KW, MAWP: 5000#
SV3E-16-0-0-12DU	EY-3301	VICKERS, SV3E-16-0-0-12DU, 12VDC
SV3E-16-0-0-12DU	EY-3302	VICKERS, SV3E-16-0-0-12DU, 12VDC, XP SOLENOID VALVE
2993	RO-3302	NK-60, SOFT START ORIFICE DISC, 3/32"
3/4CMAT-180	TCV-2101	AMOT, 3/4" NPT ALUM., SET AT 180°F



GENERAL NOTES:

1. PIPING CONSTRUCTED TO ASME B31.3 NORMAL SERVICE
2. MATERIALS: 2" & SMALLER:
PIPE: SA-106B, SCH 80
FITTINGS: SA-105, 2000# NPT
UNIONS: SA-105 3000# NPT
BALL VALVES: 2000# NPT FP
TUBING:
1/4", 3/8" & 1/2" 316SS, .035" WALL
TUBING FITTINGS:
1/4", 3/8" & 1/2" 316SS

3. DESIGN:
a) SPEC 'A' PIPING: MAWP = 150psig @ 300°F
MDMT: -20°F @ 150psig
AIR TEST: 165psig @ AMBIENT TEMPERATURE
b) SPEC 'B' PIPING: MAWP = 720psig @ 300°F
MDMT: -20°F @ 720psig
HYDRO TEST: 1080psig @ AMBIENT TEMPERATURE
4. THIS PRESSURE PIPING HAS A CAPACITY OF LESS THAN 0.5 CUBIC METERS
5. AREA CLASSIFICATION IS CLASS 1 DIV II
6. SKID INSULATION: 2" POLAR FOAM PF2444

REV.	DESCRIPTION	DATE	CHKD	APPD
1	AS BUILT	07-24-07		
0	ISSUED FOR CONSTRUCTION	05-29-07	SDC	BN



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Drawn by:	S.D.C.
Date:	07-18-06
Checked by:	SDC
Approved by:	BA
Scale:	N.T.S.

ROTORCOMP w/ AA DRYING
NK60 w/ SUNFAB M012WH-B4KU
SKID MOUNTED, SWEET SERVICE

Company:	HUSKY OIL OPERATIONS LTD
Quote/Ref. NO.:	1-795
Unit NO.:	RCAA-07058
Drawing NO.:	PID-RCAA07058-A-02
Rev.:	1