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K-100 COMPRESSOR

SULLAIR PC25L
MAWP = 450 PSIG

BILL OF MATERIALS			
MK	QTY	PART NUMBER	DESCRIPTION
697	1	DC-110	COUPLING, 4J, FLANGE, 5/8" BORE MFG: MARTIN MODEL: 4J5/8
698	1	DC-100	COUPLING, 4J, INSERT MFG: MARTIN MODEL: 4JE
699	1	FLT-SHF0700V	FILTER, OIL, 3/4" NPT, 400 PSIG MAWP, 29 USGPM, NON-BYPASS MFG: STAUFF MODEL: SHF0700V
700	1	BEP-SF-6631	FILTER MODEL: FLT-0095MA010BN
701	1	LUB-010	LUBRICATOR, 1"-NPT
702	1	PRV-499	REGULATOR, 1"-NPT, 70-150 RANGE MFG: FISHER MODEL: 627-499
703	1	XXX-205	VALVE, CONTL, FISHER, 1" NPT, MODEL: 119, 150 MAWP, 6-30, 9/16 OR MFG: FISHER MODEL: 119-12
704	1	PRV-000	REGULATOR 1/4" NPT, 0-35 PSI RANGE MFG: FISHER MODEL: 67CFR-362
705	3	SCS-0010	VALVE, CHK, SWING, 1/2", FNPT, CL800, SWT MFG: NEWCO MODEL: 0.50-38T-FS2
706	1	BVSF-022CS	VALVE, BALL, 1/4" FNPT, 2000#, FP, 2PC, SWT MFG: FUSION MODEL: 428TF002F20N1AN

BILL OF MATERIALS			
MK	QTY	PART NUMBER	DESCRIPTION
601	2	FLT-900	ADAPTER, 1/4"-FNPTx20"-SAE J514 STRAIGHT THRD ORB, CS
602	4	FLT-319AT-FLG	ADAPTER FLANGE, 2"-SAE x 2"-NPT, "ANH" MODEL W43-32-32U
605	2	FLT-319AT-19	FILTER HOUSING ASSEMBLY, OIL, 2"-SAE FLG CONN'S, "PALL" MODEL UR319CD32AT19ZYPYS33, 600 PSIG MAWP, 19" NOM LG, NON-BYPASS, VISUAL INDICATOR, C/W REPLACEABLE BEP-319-19 ELEMENT
606	2	BEP-319-19	FILTER ELEMENT, REPLACEABLE, "PALL" MODEL UE319AT19ZYS33, 20" REMOVAL CLEARANCE, c/w FLT-319AT-19
615	1	PI-25-0400	INDICATOR, PRESS, "WGI" MODEL WJ7860P, 0-400 PSIG, 2 1/2" DIAL, 1/4"-NPT BOTTOM CONNECTION, 316LSS TUBE & SOCKET, DUAL SCALE, LF
620	2	DPI-030	INDICATOR, PRESS, DIFF, "MIDWEST" MODEL 120-AA-00-L, 0-30 PSID, 2 1/2" DIAL, 1/4"-FNPT, BACK CONN, LIQUID FILLED, ALUMINUM BODY, BUNA-N SEALS
630	1	COM-801	MANIFOLD, OIL DISTRIBUTION, 2"-NPT INLET, REFER TO STD DWG ODM-0200
635	2	YSS-415	STRAINER, Y, 1-1/2"-CL600#, 100 MESH, SOUR
636	3	YSS-420	STRAINER, WYE, 2"-NPT, "IFC" MODEL Y 600, 1480 PSIG @ 100°F, A216-WCB BODY, 100 MESH 304SS SCREEN, 304SS GASKET
640	1	TCP-K403	THERMOCOUPLE, TYPE 'K', UNGROUNDED, 1/2"-NPT, 1/4" OD x 4" 316SS SHEATH, 10 FT SS ARMoured LEAD
645	1	TOW-275N	THERMOWELL, STRAIGHT, "WGI", 3/4"x1/2"x2 1/2" STEM, 316LSS
650	1	PNL-112	TRANSDUCER, I/P, 4-20 mA IN, 6-30 PSIG OUT, "FISHER" MODEL I2P-X2B, XP, CSA, CLASS 1, DIV. 1, GROUPS C&D, c/w PANEL
655	1	PT-PXT-600	TRANSMITTER, PRESSURE, 0-600 PSIG INPUT, 4-20 mA OUTPUT, "MURPHY" MODEL PXT-600, 316SS BODY, 316SS OR HASTELLOY C276 WETTED PARTS, UL/cUL CLASS 1 DIV 2, GROUPS A, B, C & D, NACE MR-0175, c/w PANEL
661	6	BVSA-052FS	VALVE, BALL, 1/2"-NPT, "M.A. STEWART" MODEL G2, 2000# WOG, FULL PORT, 316SS BODY, PTFE SEALS, LOCKING HANDLE
663	8	BVSA-202FS	VALVE, BALL, 2"-NPT, "M.A. STEWART" MODEL G2, 2000# WOG, FULL PORT, 316SS BODY, PTFE SEALS, LOCKING HANDLE
666	3	SCS-202	VALVE, CHECK, SWING, 2"-NPT, "NAVCO" MODEL CS-R20S08AB, CLASS 800, A105 BODY, F6a & HARD FACED SEATS
667	1	SCS-152	VALVE, CHECK, SWING, 1 1/2"-NPT, "NAVCO" MODEL CS-R15S08AB, CLASS 800, A105 BODY, F6a & HARD FACED SEATS
670	1	GBS-152	VALVE, GLOBE, 1 1/2"-NPT, "NAVCO" MODEL GL-R15S08AB, CLASS 800, A105 BODY, F6a & HARD FACED SEATS
671	1	GBS-1005	VALVE, GLOBE, 1-1/2", FNPT, CL800, SWT MFG: VELAN MODEL: S-2074B-02TY
675	9	NWSA-028F	VALVE, NEEDLE, 1/4"x1/4"-FNPT, "WGI" MODEL WN1612P, 6000 PSIG MAWP, ZINC PLATED A105 CS BODY, 316SS STEM, PTFE PACKING
680	1	COM-012	VALVE, SEQUENCE, "SAUER DANFOSS" MODEL 1SD10-01-V-0-E-C, 20-350 PSIG RANGE, 2000 PSIG MAWP, ALUMINUM BODY, VITON SEALS
681	1	COM-015	VALVE, SEQUENCE BODY, STEEL
685	1	TVS-200	VALVE, THERMOSTATIC, 2"-NPT, "FLUID POWER ENERGY" MODEL S2010PV-150, 500 PSIG MAWP, STEEL BODY, VITON SEALS, 150°F NICKEL PLATED ELEMENT
686	1	SOL-300	VALVE, SOL, 4 WAY, 24VDC, 1000 PSIG MAWP MFG: VICKERS MODEL: DG4V-3S-2C-M-X2-H4-60
687	1	PRT-PC40-POT	POTENTIOMETER ASSEMBLY, C/W ADAPTER AND HOUSING
688	1	ADP-KIT	TBD
689	2	SCS-0013	VALVE, CHK, SWING, 1/2", FNPT, CL800, NACE MFG: NEWCO MODEL: 38T-FS4/3
690	2	BVS-072R	VALVE, BALL, 3/4", FNPT, 2000#, RP, 3PCS, FL, SWT MFG: NUTRON MODEL: T3-R07S20B
691	1	COM-014	VALVE, RELIEF BODY, STEEL MFG: SULLAIR MODEL: 224151
692	1	PMP-550	PUMP, GEAR, 2.8 USGPM @ 1800 RPM, 1/2"-NPT CONN. MFG: VIKING PUMP MODEL: SG40570-GOV
693	1	MTR-006	MOTOR, AIR DRIVEN, SIZE-6 MFG: GAST MODEL: 6AM-FRV-5A
694	1	SOL-002	VALVE, SOL, 3/2, 1/4" FNPT, 115PSI, 3/32" ORF, NC, 24VDC, SS MFG: ASCO MODEL: EF8320G202-24
695	1	YSS-410	STRAINER, Y, 1"-CL600#, 100 MESH, SOUR
696	1	DC-108	COUPLING, 4J, FLANGE, 1/2" BORE MFG: MARTIN MODEL: 4J1/2

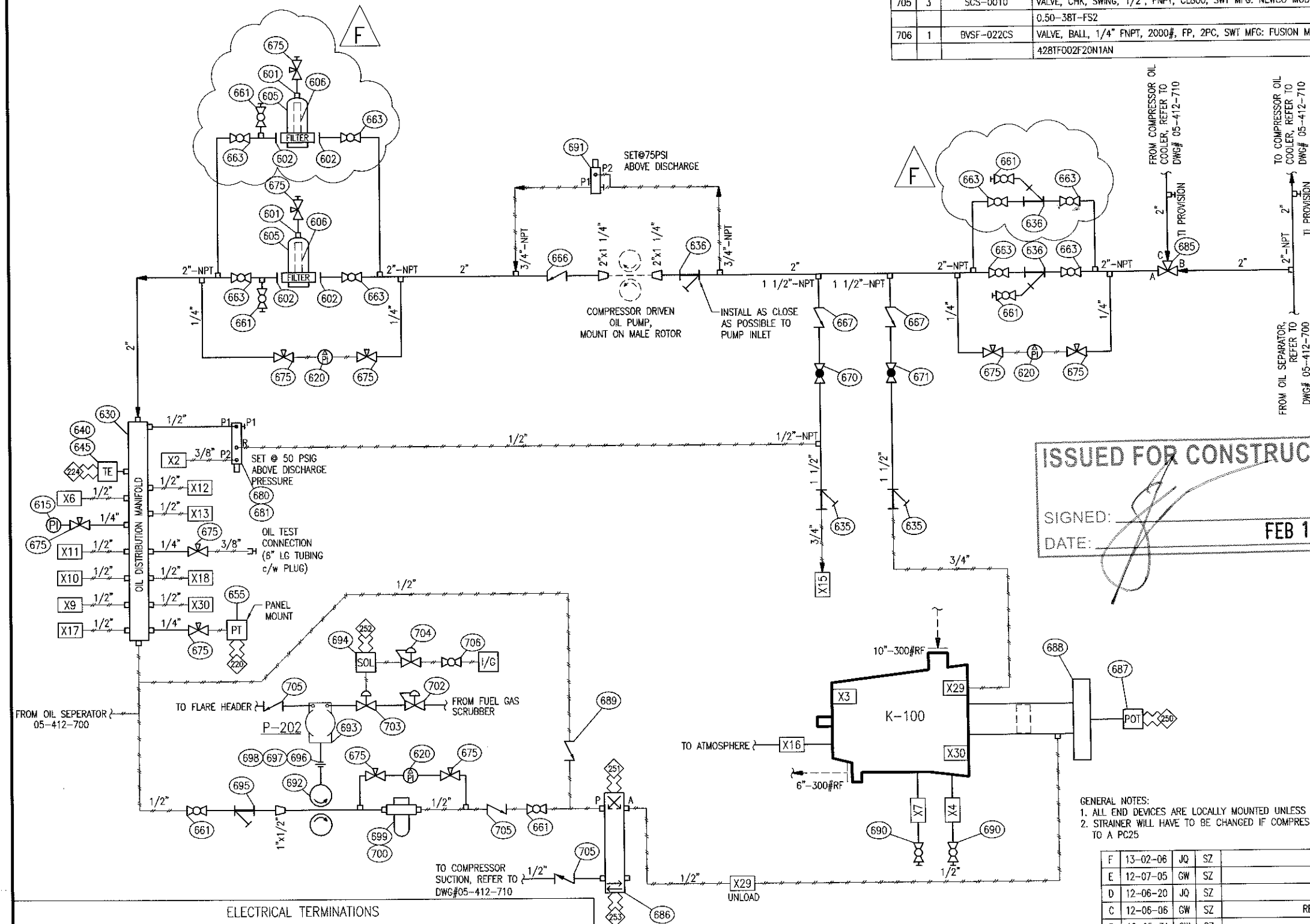
ISSUED FOR CONSTRUCTION

SIGNED: _____
DATE: _____ FEB 11 2013

GENERAL NOTES:
1. ALL END DEVICES ARE LOCALLY MOUNTED UNLESS OTHERWISE NOTED
2. STRAINER WILL HAVE TO BE CHANGED IF COMPRESSOR IS CHANGED TO A PC25

REV	DATE	BY	APPR	DESCRIPTION
F	13-02-06	JQ	SZ	REVISED AS NOTED
E	12-07-05	GW	SZ	REVISED AS NOTED
D	12-06-20	JQ	SZ	REVISED GEAR PUMP
C	12-06-06	GW	SZ	REVISED OIL PUMP BYPASS
B	12-05-31	GW	SZ	SALE TO PENNWEST
A	07-08-29	BES	LS	AS BUILT
0	07-01-15	BES	LS	ISSUED FOR CONSTRUCTION
REVISIONS				

NORTH SHOP 5475 - 56th AVENUE S.E. CALGARY, AB T2C 3A6 PHONE: (403) 203-4545 FAX: (403) 236-4463		BIDELL™ GAS COMPRESSION		SOUTH SHOP 6900 - 112th AVENUE S.E. CALGARY, AB T2C 4Z1 PHONE: (403) 235-5877 FAX: (403) 272-7749	
COMPRESSOR UTILITY FLOW DIAGRAM SULLAIR PC25L					
CUSTOMER: PENNWEST EXPLORATION					
LOCATION: SWAN HILLS					
LSD: 10-32-067-09 W5M		JOB#:		05-412	
DWN BES	DATE 07-01-15	SCALE NTS	DWG# 05-412-760	REV	F



ELECTRICAL TERMINATIONS

- COMPRESSOR OIL PRESSURE
- COMPRESSOR OIL INLET TEMP
- COMPRESSOR LOAD/UNLOAD INDICATION
- COMPRESSOR LOAD CONTROL
- UNLOAD PUMP SIGNAL
- COMPRESSOR UNLOAD CONTROL

ALL PRESSURE TRANSMITTERS TO HAVE PLUGGED CALIBRATION CONNECTION REFER TO PANEL DRAWINGS