



ITEM QTY	PART/COMP. No.	DESCRIPTION	MATERIAL
001	1	HEAD 21 SE 96\"/>	

DESIGN DATA	VALUE
CODE: ASME SECTION VIII, DIV. 1, 19 EDITION	- ADDENDA, PARAGRAPH: UW-12(c)
IMPACT TEST PER	SEE NOTE #12
C.R.N. LB/01.2	"U" STAMP REQUIRED
INTERNAL PRESSURE	PSI/MPa: 740 / 5102
EXTERNAL PRESSURE	PSI/MPa: 100 / 6.833
TEMPERATURE T/C	100 / 353
M.D.M.T. F/C	20 / -29
LIMITED BY	FLANGE
CORROSION ALLOWANCE	INCH/MM: 0.0625/1.6
P.W.H.T. PER UG-56	YES FOR 225 IN. Ø 150\"/>
LONG JOINT EFFICIENCY	100%
CIRC. JOINT EFFICIENCY	100%
TOTAL VOLUME	1793 CU\"/>
WATER VOLUME	627 CU\"/>
HEAD VOLUME	627 CU\"/>
SHIPPING WEIGHT	210,000 lbs / 45,455 kg
HYDRO TEST WEIGHT	210,000 lbs / 50,000 kg
SHELL	SA-516-70N
HEAD	SA-516-70N
WELD PROCEDURES	327.2

MARK	QTY.	SERVICE	SIZE	RATING	WALL THK	RENOV.	PROUN.	I/S	O/S	WELD	A	B	G	ITEM NO.'S
M1	1	MANWAY	24"	300#	RFWN/PL	1 1/2\"/>								

REVISIONS	NO.	DATE	BY	DESCRIPTION
1	02/11/00	BD	-	INCREASED SHELL THICKNESS FROM 2.125\"/>
2	01/17/00	CS	-	ADD IMPACT TESTING NOTES- ISSUE TO ABSA
3	10/10/00	CS	LW	REV'D PER SHOP COMMENTS & RET'D SADDLE DESIGN
4	12/20/99	CS	LW	ISSUED FOR CONSTRUCTION
5	12/15/99	CS	LW	RELEASED FOR NOZZLE LAYOUT AND HOLE CUTTING
6	12/10/99	CS	LW	REPAIR OF WESTBAR DWG AND ISSUED FOR APPROVAL

VESSEL DESIGNED TO
CODE CASE 2290

NATCO CANADA
ALBERTA CANADA

GAS INLET SEPARATOR (TAG #V-100)
2438 (96") OD x 9754 (32'-0") S/S
PENN-WEST PETROLEUM LTD.
c/o BDR ENGINEERING LTD.
SOUISA SOUTH COMPRESSOR STATION
LSO: 16-32-110-4 WSM

CONTRACT NO. 7416 SHEET 1 OF 2