

HRI Hydrocarbon Research, Inc.

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FAX COVER SHEET

DATE: May 30, 1997 TIME:
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REFERENCE: 10'-6" O.D. x 126'-0" s/s x 100 PSIG Horizontal Vessel

V-165

No. of pages including cover sheet: 1

MESSAGE

The 10'-6" O.D. x 126'-0" s/s x 100 PSIG Horizontal Vessel has been checked by HRI and is sufficient for processing the following operating conditions:

OPERATION CONDITIONS

Oil Flow Rate.....	3,460 BPD
Water Flow Rate.....	8,080 BPD
Gas Flow Rate.....	negligible
Oil Deg API.....	11
Water Specific Gravity.....	1.0010
Oil Viscosity	
@ 30° F.....	9,291 cSt
@ 42° F.....	3,345 cSt
@ 50° F.....	1,570 cSt
Inlet Temperature.....	199° F
Operating Pressure.....	50-75 PSIG
Water Content in Oil Outlet (BS&W).....	5.0%