

Number	Equipment Name/Model	MAWP (psi)	Status	QTY
1	Wellheads	10,000	Permanent	46
2	Flowback Manifold and Choke	10,000	Temporary	1
3	Enclosed 500 BBL Water Tank	1	Temporary	1
4	Enclosed 500 BBL Oil and Water Tank	1	Temporary	1
5	High Pressure 4 Phase Separator (includes measurement devices)	2,000	Temporary	1
6	High Pressure Combustor QTI Q5000		Temporary	1
7	Low Pressure Combustor QTI Q5000		Temporary	1
8	2" 1502 Steel Flowline (welhead fluids to manifold)	10,000	Temporary	1
9	2" 1502 Steel Flowline (welhead fluids to water tank)	10,000	Temporary	1
10	2" 1502 Steel Flowline (welhead fluids to separator)	10,000	Temporary	1
11	2" 1502 Steel Flowline (welhead fluids to Oil and Water Tank)	10,000	Temporary	1
12	3" 206 Steel Flowline (high pressure gas from separator to combustor)	2,000	Temporary	1
13	3" 206 Steel Flowline (residue gas to low pressure combustor)	2,000	Temporary	1
14	Manual ESD/Isolation Valves	10,000	Temporary	13
15	Pnuematically Actuated Valve (back pressure regulator)	2,000	Temporary	1
16	Float Controlled Valve (welhead liquids)	2,000	Temporary	1

**\*The Process Flow Diagram depicted represents flowback. Drillout is a separate operation in advance of flowback and is not depicted on this Process Flow Diagram.**

NOTES: PFD IS FOR REVIEW PURPOSES ONLY. DESIGN AND LAYOUT ARE SUBJECT TO FUTURE CHANGE.

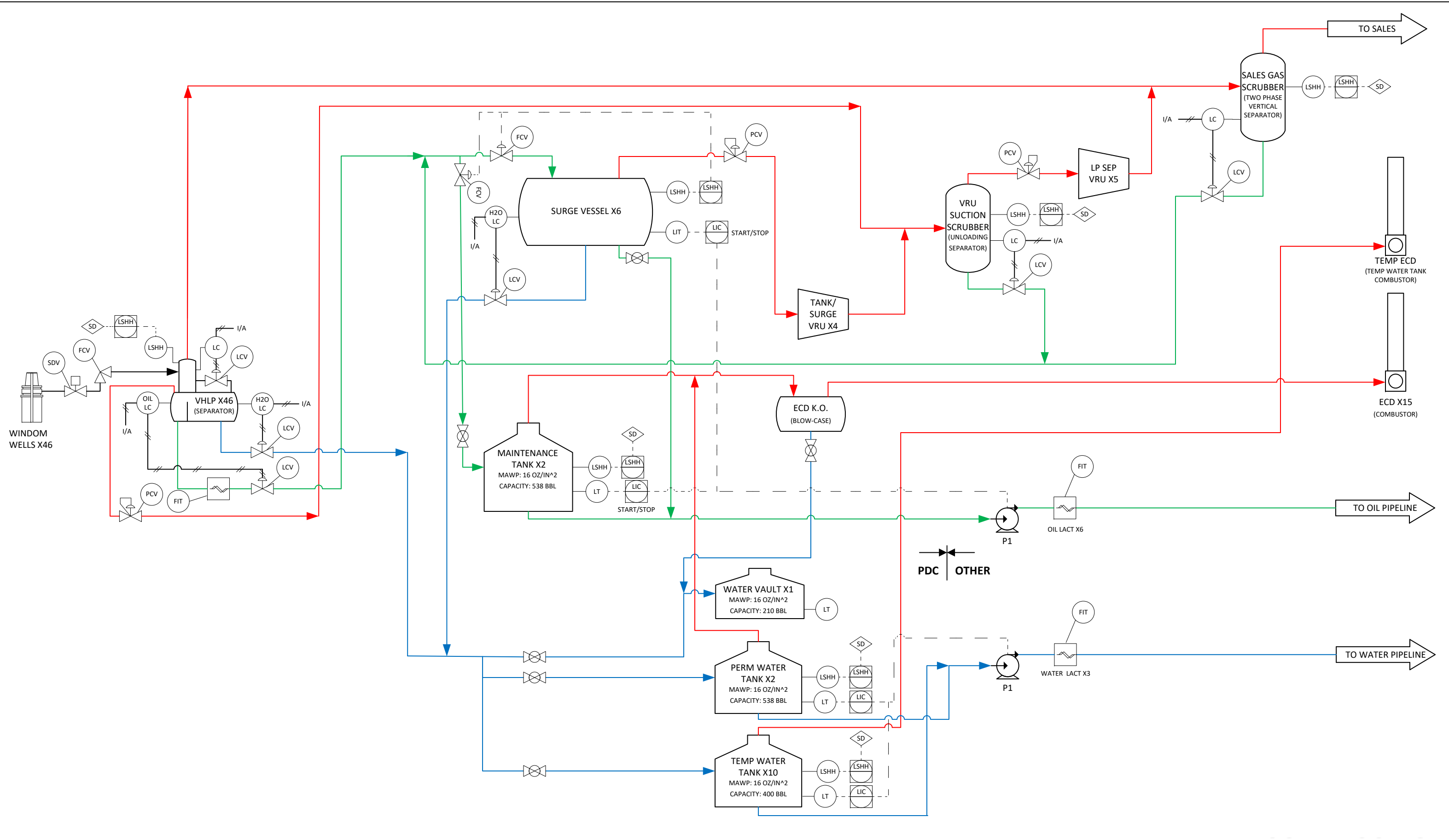
REV	DESCRIPTION	BY	DATE	CHECKED BY	CHECKED DATE	APR BY	APR DATE
A	Issued For Review	BC	JUNE 2022				



PRELIMINARY FLOWBACK PROCESS FLOW DIAGRAM

WINDOM PAD  
WATTENBERG

SIZE	FACILITY #	DRAWING NO.	REV
		WINDOM PFD-1001	A
SCALE	N/A	SHEET	1 OF 1



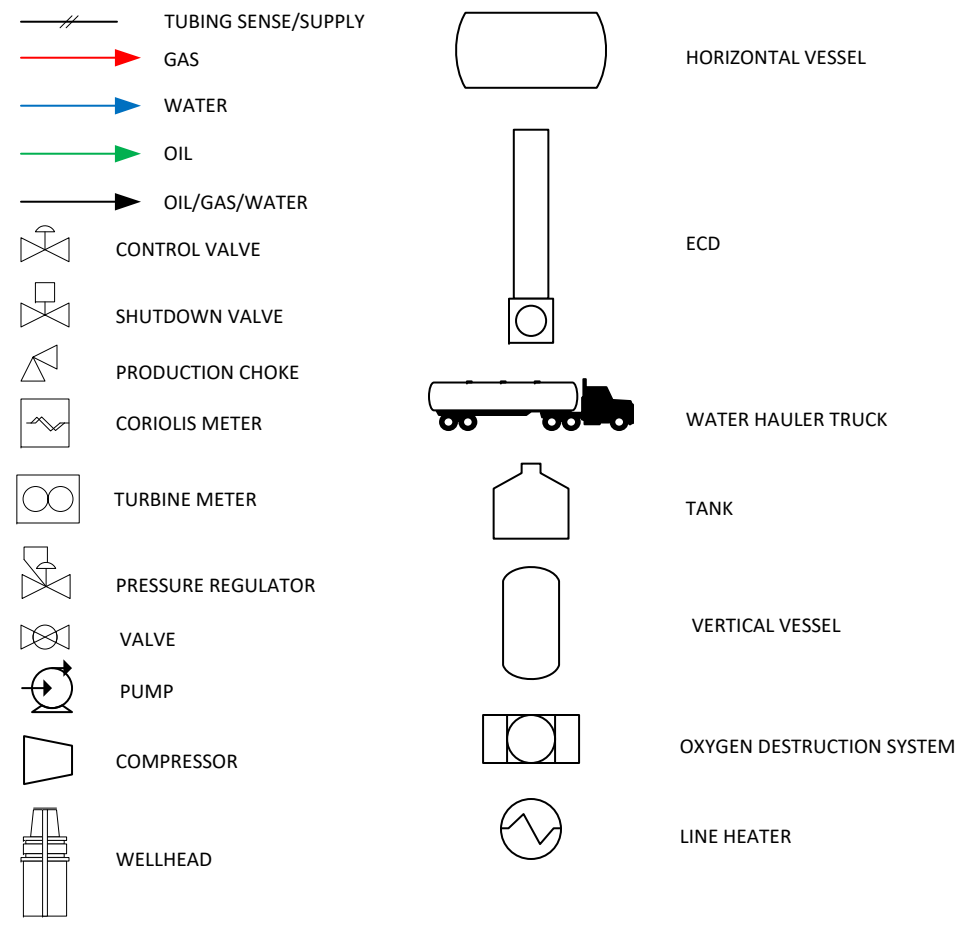
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REV	DESCRIPTION	BY	DATE	CHECKED BY	CHECKED DATE	APR BY	APR DATE
A	Issued For Review	CDG	12/13/2021				
B	Issued For Review	CDG	06/26/2022				
C	Issued For Review	JAS	04/20/2023				



PRODUCTION PROCESS FLOW DIAGRAM			
WINDOM 46 WELL PAD AT TIME OF TURN-IN-LINE (TIL) WATTENBERG			
SIZE	FACILITY #	DRAWING NO.	REV
SCALE	N/A	WINDOM TIL-PFD-1000	C
		SHEET	1 OF 2

# LEGEND



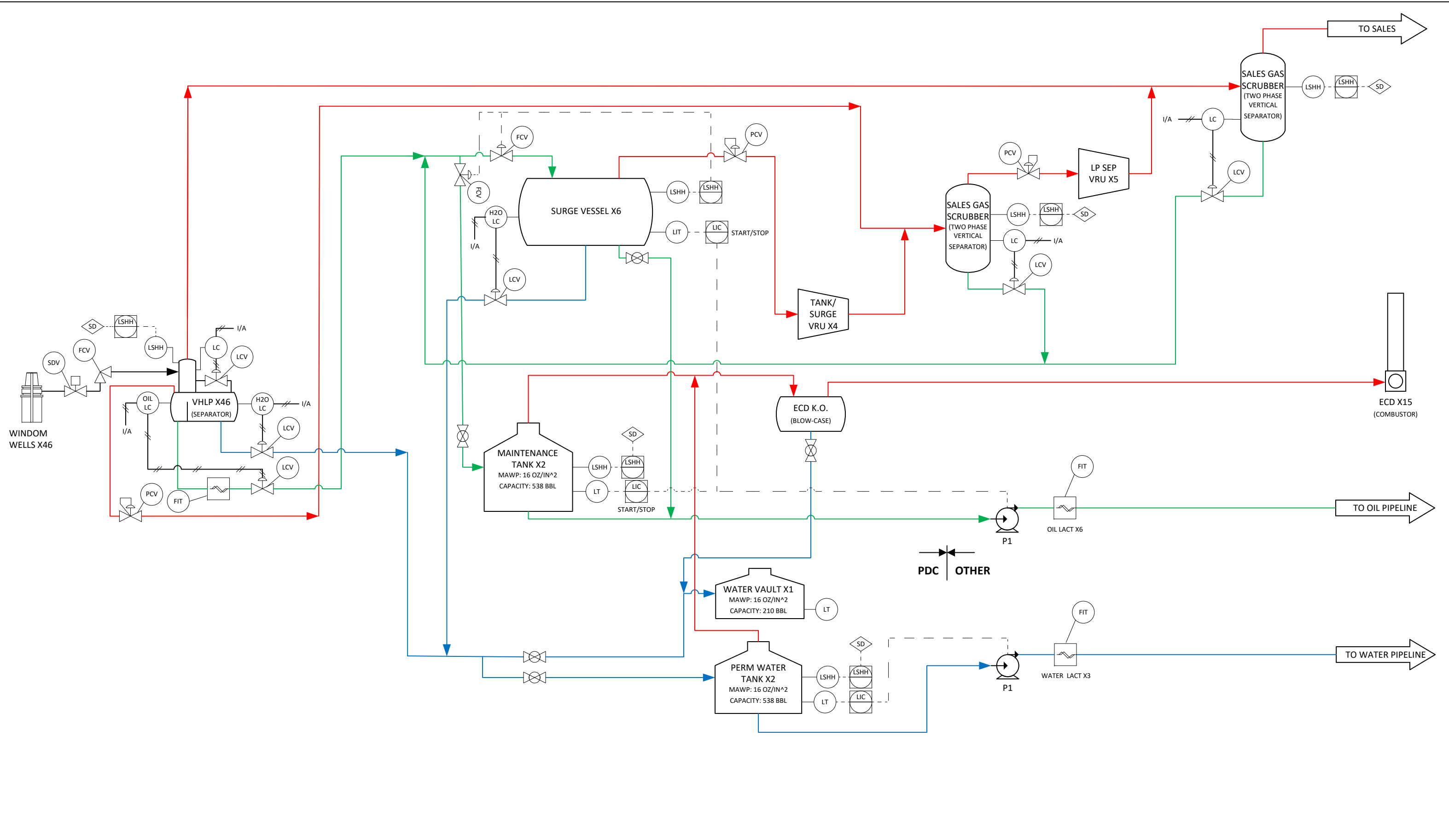
SDV – SHUTDOWN VALVE  
 FCV – FLOW CONTROL VALVE  
 SD – SHUTDOWN  
 LSHH – HIGH LEVEL SHUTDOWN  
 SD – SHUTDOWN  
 LC – LEVEL CONTROLLER  
 LCV – LEVEL CONTROL VALVE  
 H2O – WATER  
 I/A – INSTRUMENT AIR  
 FIT – FLOW INDICATING TRANSMITTER  
 VHLP – VERTICAL HIGH/LOW PRESSURE SEPARATOR  
 LIT – LEVEL INDICATING TRANSMITTER  
 VRU – VAPOR RECOVERY UNIT  
 LP SEP – LOW PRESSURE SEPARATOR  
 PCV - PRESSURE CONTROL VALVE  
 ECD – EMISSION CONTROL DEVICE  
 K.O. - KNOCKOUT

NOTES: PFD IS FOR REVIEW PURPOSES ONLY. DESIGN AND LAYOUT ARE SUBJECT TO FUTURE CHANGE.

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C	Issued For Review	JAS	04/20/2023				



PRODUCTION PROCESS FLOW DIAGRAM			
WINDOM 46 WELL PAD AT TIME OF TURN-IN-LINE (TIL) WATTENBERG			
SIZE	FACILITY #	DRAWING NO. WINDOM TIL-PFD-1000	REV C
SCALE	N/A	SHEET	2 OF 2


















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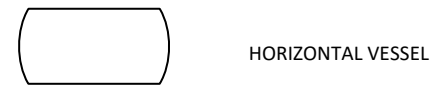
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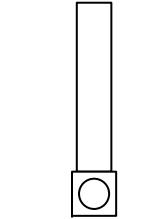
PRODUCTION PROCESS FLOW DIAGRAM			
WINDOM 46 WELL PAD LATE LIFE WATTENBERG			
SIZE	FACILITY #	DRAWING NO.	REV
SCALE	N/A	WINDOM LL-PFD-1000	C
		SHEET	1 OF 2

# LEGEND

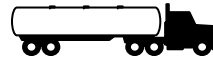
-  TUBING SENSE/SUPPLY
-  GAS
-  WATER
-  OIL
-  OIL/GAS/WATER
-  CONTROL VALVE
-  SHUTDOWN VALVE
-  PRODUCTION CHOKE
-  CORIOLIS METER
-  TURBINE METER
-  PRESSURE REGULATOR
-  VALVE
-  PUMP
-  COMPRESSOR
-  WELLHEAD



HORIZONTAL VESSEL



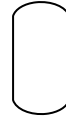
ECD



WATER HAULER TRUCK



TANK



VERTICAL VESSEL



OXYGEN DESTRUCTION SYSTEM



LINE HEATER

- SDV – SHUTDOWN VALVE
- FCV – FLOW CONTROL VALVE
- SD – SHUTDOWN
- LSHH – HIGH LEVEL SHUTDOWN
- SD – SHUTDOWN
- LC – LEVEL CONTROLLER
- LCV – LEVEL CONTROL VALVE
- H2O – WATER
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- VRU – VAPOR RECOVERY UNIT
- LP SEP – LOW PRESSURE SEPARATOR
- PCV – PRESSURE CONTROL VALVE
- ECD – EMISSION CONTROL DEVICE
- K.O. – KNOCKOUT

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## PRODUCTION PROCESS FLOW DIAGRAM

WINDOM 46 WELL PAD LATE LIFE  
WATTENBERG

SIZE	FACILITY #	DRAWING NO.	REV
		WINDOM LL-PFD-1000	C
SCALE	N/A	SHEET	2 OF 2