

CJV#U239

# 300HP Weatherford Jet Pump Packages



THREE identical packages – each ran for less than 2 years and they're all priced around 30% of building new. The individual packages feature a Weatherford W300-H Quintuplex pump, c/w gearbox, and 300HP electric motor. The water is separated with a 60" x 675psig horizontal vessel. Inside a separate room (on skid) features a small control room with 480V distribution panel feeding the 300HP VFD, transformer, and heaters – making this a truly turnkey jet pump solution. Located in Grande Prairie, Alberta – ready to go for rent or purchase.

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## 300HP Weatherford Jet Pump Packages



<b>Condition</b>	3 Available – Used less than 2 years each
<b>Pump</b>	Weatherford W300Q-5H
<b>Motor and VFD</b>	300HP TEFC 1783RPM motor w/ 300HP VFD on skid (separate room)
<b>Location</b>	Grande Prairie, AB
<b>Availability</b>	Immediate
<b>Service</b>	Sour
<b>Piping</b>	6" 300# suction; 2" 2500# RJ discharge
<b>Electrical</b>	Fully wired to JB's
<b>Dimensions</b>	40' L x 14' W x 10' H

# Package Specifications

## MAIN PUMP, MOTOR AND EQUIPMENT

### Triplex Pumps

- Weatherford W300Q-5H Quintuplex Pump
- Maximum Continuous RPM Rating: 400RPM
- Rated for 300HP Continuous Duty
- 5 Feed Lubricators w/ Oil Reservoir
- Discharge pulsation stabilizer
- Mounted on sub assemblies and attached to main skid
- Weatherford gearbox drive system

### Electric Motor and VFD

- One (1) 300 HP Electric Motors
- TEFC; 1783RPM
- VFD Rated, Constant torque
- 480V/3ph/60hz

### VFD

- 300 HP/ 240AMP
- Mounted in own cabinet inside of "MCC" in separate room on skid.

### Separator

- 60" x 10' x 675psig
- Sour Service
- 4" Liquids Out

### Charge Pump

- Eagle 3 x 2-6 ANSI Centrifugal Pump
- Rated at 165GPM @ 40PSI
- 7.5HP TECO Westinghouse electric motor
- TEFC, 3600RPM

Model	Plunger	Gal/Rev	Max PSI	Max kPa	100 RPM		200 RPM		250 RPM		300 RPM		350 RPM		400 RPM	
					m <sup>3</sup> /d	GPM	m <sup>3</sup> /d	GPM	m <sup>3</sup> /d	GPM	m <sup>3</sup> /d	GPM	m <sup>3</sup> /d	GPM	m <sup>3</sup> /d	GPM
Weatherford 300Q-5H	2.0"	0.34	3406	23484	185	34	371	68	463	85	556	102	649	119	741	136
	1.875"	0.2988	3875	26717	163	29.9	326	59.8	407	74.7	488	89.6	570	105	651	120
	1.75"	0.2603	4449	30675	142	26	284	52.1	355	65.1	426	78.1	497	91.1	567	104
	1.625"	0.2245	5000	34474	122	22.4	245	44.9	306	56.1	367	67.3	428	78.6	489	89.8
	1.5"	0.1912	5000	34474	104	19.1	208	38.2	261	47.8	313	57.4	365	66.9	417	76.5
<i>Brake HP Required</i>						76		151		188		225		263		300

## **INSTRUMENTATION**

- Suction and Discharge pressure Indicators
- Rosemount 3051 Discharge Pressure Transmitter
- Murphy EX High Vibration Switch
- Murphy EX Low Oil Level Shutdown
- Murphy PSL
- Murphy PSHH

## **PROCESS PIPING**

### **Piping**

- 3" 300# Suction
- 2" 2500RJ Discharge
- Performance Pulsation Control Inc. 2", 5000psi MAWP discharge pulsation stabilizer
- 2) 6" 300# Y-strainers, set-up with isolation valves and in parallel for cleaning "on the go"
- Stuffing box cradle drains into open sump

## **Building and Electrical**

### **BUILDING**

- 14' W x 40' L Building
- Separate entrance door for VFD room
- ¼" Checker Plate Flooring
- 1" Drip Lip Around Skid

#### Gable Style Building

- Ice Rakes
- 1 air inlet vent.
- One (1) Double Man Door and 2 single doors

### **ELECTRICAL**

- Interior & exterior lights w/ switches
- One (1) High Mount Exhaust Fan w/ switch
- H2S Gas Detection
- Two (2) ESD Button
- Electric heaters w/ thermostats
- End devices and electrical wired to Junction Boxes









