

Pump Inspection Report

WO # 23914

Date: July 15, 2021

Customer: White Cap Location: 14-10-11-29w1 East G.D. TQW Area:

FLUID END AREA:

Front Valve Caps	Type:	Condition:
Top Valve Caps	Type: studed	Condition: Good

Suction Line Connections:	T	F	Piping:	W	T	Size:	Leaks: no
Discharge Line Connections:	T	F	Piping:	W	T	Size:	Leaks: no

CONDITION

Valve Pots Suction	#1	Good	#2	Good	#3	Good	#4		#5	
Valve Pots Discharge	#1	Good	#2	Good	#3	Good	#4		#5	
Valve Suction	#1	refaced	#2	refaced	#3	refaced	#4		#5	
Valve Discharge	#1	refaced	#2	refaced	#3	refaced	#4		#5	
Stuffing Box	#1	good	#2	good	#3	good	#4		#5	
Plunger	#1	new	#2	new	#3	Good	#4		#5	
Packing	#1	New	#2	New	#3	New	#4		#5	

Screen Pot	Cleaned	Brass:	Good
Dampener:	Good	Valves:	Good

Packing Type & Valves: 838, Coors/Titanium Plunger Type & Size: Ceramic 2 1/2" clamp

POWER END AREA:**CONDITION**

Pony Rods:	#1	poor	#2	poor	#3	poor	#4		#5	
Packing / Seals:	#1	New	#2	New	#3	New	#4		#5	
Baffles:	#1	New	#2	Good	#3	New	#4		#5	
Crossheads:	#1	Good	#2	Good	#3	Good	#4		#5	
Pins & Bushings	#1	Good	#2	Good	#3	Good	#4		#5	
Con Rod Shells:	#1	New	#2	New	#3	ok	#4		#5	
Crank Journals:	#1	wear	#2	wear	#3	wear	#4		#5	
Lubricator Pump	#1	good	#2	good	#3	good	#4		#5	

Lube Pumps: good	(Inj)	X	(Drip)		Lubricator:	Good	Lube Lines:	Good
Belt:	Good	Belt Guard:	good		Motor Sheave:	Good		
Tie Downs:	Good	Oil Switch:	good		Vibration Switch:	Good		
Main Bearings:	(LH)	Good	(RH)	Good				
Crank Seals:	(LH)	Good	(RH)	Good	Center Bearings:			
Oil Condition:	New	Oil Capacity:	2.8gal		Oil Safety SD:	Good		

Comments: Completed inspection on East GD QW. Changed out packing, rod seals, oil & valves. Cleaned/inspected power & fluid end, boxes, nuts, brass & lubricator. Put pump back together, bled air, start up, watch run. One piece ext. rods are very poor & crank journals have wear.

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CUSTOMER: White Cap LOCATION: 14-10-11-29w1 East G.D. TQW AREA:

Pump Model: G.D. TQW	Pump S/N:	Fluid End:
Pump Rate:	Pump RPM: 543	Operating Pressure:
Plunger Size: 2 ½"	Plunger Type: Clamp	Plunger Material: Ceramic
Packing: 2 ½ x 3 ½"	Type:	
Valve Suction:	Valve Discharge:	Belts: 5Vx1180
Driver: Emerson	Driver HP: 50	Driver RPM: 1180
Driver S/N:	Shaft/Frame Size: 365T	Bearing Size: 1:
Driver Sheave: 3GR5V9.75	Pump Sheave: 3GR5V21.2	Bearing Size: 2:
Pop Valve Size: 1" Taylor	Pop Valve Setting: 1000 psi	Lubricator: CPI 701203
Max. Output PSI: 675	Max. Output: 347 m3/day	Max. RPM: 400
Currently Set For:	DATE SET: April 2018	

DESURGERS

Suction: Coors \$T1503F	Charge Pressure: 150	Supports: 3" 150
Discharge: Coors \$14002F	Charge Pressure: 300psi	Supports: 2" 600

Other Accessories & Information:

Work Completed By: Performance Pump Service Ltd.

Contact: Devin/Matthew

Phone: 306-634-9190