

Module Setup 1023 - Clive (Ariel) 06-24-40-24-W4M			
Detection Number	1023	Asset Name	Clive (Ariel) 06-24-40-24-W4M
Client Asset #	1023	Asset Location	06-24-40-24-W4M
Asset Type	Recip	Recipient Location	
Latitude	52.454038	Elevation - fast	2860.9
Longitude	-113.3305563	Time Zone	America/Edmonton
Area	Clive/Bashaw	Field	Clive
Foreman	Todd Roper		
Operator		Province/State	Alberta
Packager Name		Package Serial #	
Package Manufacturer Date			
Noise Suppression Installed		Asset Sound Level (dB)	0
Noise Suppression Description			
Cost Center Code	2500041		
Asset Properties			
Gas Working Interest %	100	Gas Pricing - \$/mscf	2
Skid Type	Housed	Electricity Pricing - \$/kWh	0.1
Field Limitation	No	Sour Service	No
Ownership Status	Owned	Asset Application	Gathering
Disable HP Savings CFR Due To Bypass	No	Vibration Planes	1
Emissions			
EUB License #		Environmental Registration #	
Regulated Facility Name		Regulated Facility Type	
Facility ID (From Environment Canada)		Facility - Date of Change	
Facility Licensed NOx Emissions		Facility Licensed CO Emissions	
Facility Licenced HP			
NPRI		Provincial Identifier Type	
Provincial Identifier		Other Provincial Identifier Type	
Additional Responsible Person Name		Additional Responsible Person ID	
Additional Responsible Person Role			
Setup Date	10/25/2012	Setup Fee	Setup Fee # 2
		Analysis Fee	Analysis Fee # 1
Active Status	Surplus	Using Maintenance	Yes
Surplus Condition	Unknown		
Stand-by	No	Using SCADA	Yes
Remote Asset ID	1023		
Reason Unit is not Operating			

Gas	MOL Fraction	Gas	MOL Fraction
Hydrogen	0	Normal Butane	0.0001
Helium	0.0001	ISO Pentane	0.0001
Nitrogen	0.0094	Normal Pentane	0.0001
Carbon Dioxide	0.0015	Hexane	0
Hydrogen Sulfide	0	Heptane	0
Methane	0.9836	Octane	0
Ethane	0.0045	Oxygen	0
Propane	0.0005	Ammonia	0
ISO Butane	0.0001	Water	0
Total MOL Fraction	1	Pseudo Critical Temperature Adjustment	0.34
Temperature Base - °F	60	Pressure Base - psia	14.696
Stream Name	Inlet Str.	Stream Type	Inlet Stream
Dehydrated Gas	No	Sample Date	11/25/2011
Sort Order	1		
Date of Entry	3/21/2012		

Driver Setup 1023 - Clive (Ariel) 06-24-40-24-W4M

Manufacturer	CGE	Model	1F5674M
Serial Number	FU1320	Asset Tracking Number	
Driver Type	Electric	Engine Manufacturer Date	
A-C Motor Type	Induction		
Name Plate Rated rpm	1780	Min rpm	1779
Max Horsepower @Sea Level	200	Max Derated Horsepower	200
Min Horsepower @Sea Level	199	Min Derated Horsepower	199
Name Plate Voltage	460	Name Plate Current	226
Phase	3 Phase	Cycles - HZ	60
System Power Factor		Class and Division	
Service Factor	1	Nema Efficiency Index	B
Group	GroupB	Motor ID	
Enclosure		Ambient Operating Temp - °F	60
Other Auxiliary Draw - HP	0	Max Motor Overhaul Hours	35000
Gear Ratio	1	Compressor rpm @ Rated Driver rpm	1780
Year Organization Became Responsible Person		Company Role	
If Owner, owned before 2016-06-17?		Date of ownership if on or after June 17, 2016	
Internal ID			
Requesting unique identifier?		Reason for requesting unique identifier	
Unique Alphanumeric Identifier			
Records located at facility?		Records Location	
Group Type		Group Date Start	
Emission Control Systems Type		Emission control systems type if other	
Emission control systems before or on March 31, 2020?		Emission control systems date if after March 31, 2020	
Registered Date			

Manufacturer	Ariel	Model	JGA/2
Serial Number	F-4640	Asset Tracking Number	
Manufacturer Date Frame		Stroke - inches	3
Number of Throws	2	Number of Stages	2
Unloader Type	None		
Rod Load Type	Internal		
Max Compression - lbs	10000	Max Tension - lbs	9000
Total Max Rod Load - lbs	18000		
Dynamic Max Compression - lbs	13500	Dynamic Max Tension - lbs	13500
Max Overhaul Hours	50000	Max Horsepower	200
Rated rpm	1780	Min rpm	900

Cylinder Setup 1023 - Clive (Ariel) 06-24-40-24-W4M					
Stage	1	2			
Throw	2	1			
Cylinder Model	5-1/8JG	3JG			
Dummy Cylinder	No	No			
Cylinder Serial #	C-12130	C-12131			
Cylinder MAWP - psig	680	1833			
Lube Status	Lube	Lube			
Cylinder Action	DA	DA			
Cylinder Diameter - inches	5.125	3			
Rod Diameter - inches	1.125	1.125			
Tail Rod Diameter - inches	0	0			
Associated Gas Stream	Inlet Str.	Inlet Str.			
Orifice Data					
Suct. Internal Pipe Diam. - inches	0	0			
Suct. Orifice Diam. - inches	0	0			
Disc. Internal Pipe Diam. - inches	0	0			
Disc. Orifice Diam. - inches	0	0			
Cylinder Heating/Cooling Factor 1023 - Clive (Ariel) 06-24-40-24-W4M					
Heating/Cooling Factor - %	0	0			
Cylinder Blowby Thresholds 1023 - Clive (Ariel) 06-24-40-24-W4M					
SA Severe Threshold - %	20	20			
SA Warning Threshold - %	12	12			
DA Severe Threshold - %	20	20			
DA Warning Threshold - %	12	12			
Deviation Severe Threshold - %	1000	1000			
Deviation Warning Threshold - %	10	10			

Valve Setup 1023 - Clive (Ariel) 06-24-40-24-W4M					
Stage	1	2			
Throw	2	1			
HE Suction Valve Resist VHDS	4.44	4.44			
HE Suction Valve Quantity	1	1			
HE Suction Valve Lift - inches	0.047	0.039			
HE Suction Valve Area - sq. in .	1.86	0.71			
HE Discharge Valve Resist VHDS	4.44	4.44			
HE Discharge Valve Quantity	1	1			
HE Discharge Valve Lift - inches	0.047	0.039			
HE Discharge Valve Area - sq. in .	1.86	0.71			
CE Suction Valve Resist VHDS	4.44	4.44			
CE Suction Valve Quantity	1	1			
CE Suction Valve Lift - inches	0.047	0.039			
CE Suction Valve Area - sq. in.	1.86	0.71			
CE Discharge Valve Resist VHDS	4.44	4.44			
CE Discharge Valve Quantity	1	1			
CE Discharge Valve Lift - inches	0.047	0.039			
CE Discharge Valve Area - sq. in .	1.86	0.71			
Suction Valve Manufacturer					
Suction Valve Model					
Suction Valve Type					
Discharge Valve Manufacturer					

Discharge Valve Model						
Discharge Valve Type						

Clearance Setup		1023 - Clive (Ariel) 06-24-40-24-W4M			
Stage	1	2			
Throw	2	1			
HE Clearance Min - %	15.55	16.78			
HE Clearance Max - %	61.25	58.88			
Max Pocket Travel - inches	2.938	2.875			
HE Spacers Max Quantity	2	1			
HE Clearance per Spacer - %	9.3	3.6			
CE Clearance Min - %	15.69	19.72			
CE Clearance Max - %	15.69	19.72			
CE Spacers Max Quantity	2	1			
CE Clearance per Spacer - %	9.7	4.2			

Reciprocating Setup		1023 - Clive (Ariel) 06-24-40-24-W4M			
Stage	1	2			
Throw	2	1			
Con. Rod Length - inches	8.25	8.25			
1/3 Con Rod Weights - lbs.	4.87	4.87			
Crosshead Pin Weight - lbs.	0	0			
Piston Weight - lbs.	22	12.3			
Rod Weight - lbs.	0	0			
Crosshead Weight - lbs.	8	11.9			
Balance Weight Added - lbs.	0.7	6.6			
Total Weight - lbs.	35.57	35.67			

Aerial Cooler Setup 1023 - Clive (Ariel) 06-24-40-24-W4M

Manufacturer	Air Cooled Exchangers Inc	Model	C42AM
Serial Number	85250	Horsepower Draw	0
Coolant Type		Rated RPM	0
Blade RPM		Blade Diameter	
Electricity Draw			

Stage	1	2			
Design Pressure MAWP - psig	1315	1500			
Required Temperature Out - °F	120	120			
Estimated Pressure Drop - psig	5	5			
Max Design Temperature - °F	300	300			
# of Passes/Section					
# of Tubes/Section					
# of Rows					
Tube O.D. - inches					
Tube Gauge					
Tube I.D. - inches					
Length of Tubes - feet					
Tube Material - feet					
Corrosion Allowance - inches					
Fouling Factor					
Ambient Air Design Temp - °F					

Design Conditions Setup 1023 - Clive (Ariel) 06-24-40-24-W4M

Stage	1	2			
PSV Setting - psig	680	1415			
Max Discharge Valve Temp - °F	300	300			
Piping/Bottles Max Temp - °F	300	300			
Discharge Piping/Bottles MAWP - psig					

Reporting Compliance 1023 - Clive (Ariel) 06-24-40-24-W4M

Set Expected Interval	No
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Linked Modules 1023 - Clive (Ariel) 06-24-40-24-W4M

Links to related asset modules.

