

MAIL ROOM
SALLE DE COURIER

February 25, 2014

2014 FEB 28 P 12:45

NEB/ONE

National Energy Board
444 – 7th Avenue SW
Calgary, Alberta
T2P 0X8

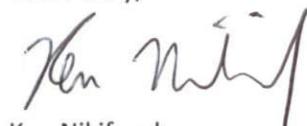
Attn : Gary Woo

Re : 2014 Approval to Alter Condition of a Well
Strategic et al Cameron M-73
Strategic et al Cameron 2M-73
Strategic et al Cameron 2H-03

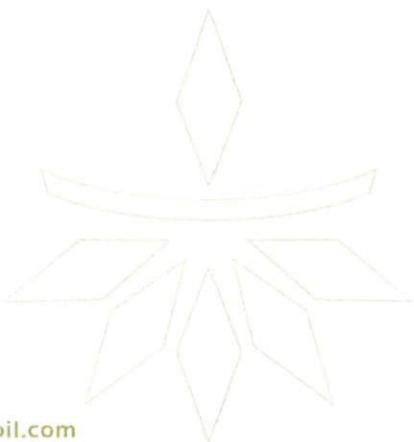
Regarding the above noted Approvals to Alter Condition of a Well, in the applications, the service rig that was quoted was Hurley Rig #11. Unfortunately, this service rig was tied up and unavailable. An alternate service rig was retained. This is Hurley #10. Attached is all of the relevant rig inventory, inspection and certification documentation. This service rig is currently on location and in service in the Cameron Hills area.

If you have any questions or require any additional information, please call me at (403) 767-2944.

Yours truly,



Ken Nikiforuk
Production Manager





Service Rig Description

Rig #10

Carrier	2006 BW 600 Tandem/Tri Drive Detroit Diesel 60 Series 475 HP Allison 5860 Transmission 42" X 10" Main Drum 38" X 8" Sandline Drum Cobalt Disk Brake Crown Saver Ram Saver
Mast	72' Freestanding 120,000# Stiff Mast
Travel	Periods: 2, 3, 4
BOP's	Class 3 5000# Working Pressure
Rig Pump	Mobile Carrier Style Tandem / Tandem Enclosed & Heated for Winter Operation 4" X 6" Oil Well 5000# Working Pressure Detroit Diesel 60 Series 425 HP Mounted Steam Heater
Rig Tank	Skidded 35 MB Trough Degasser Line Pipe 5000# Working Pressure
Junk Truck	Mobile Carrier Style Single / Tandem Detroit Diesel 60 Series 425 HP
Comb. Building	30' Mobile Class 3 Accumulator 60 KW Generator Potty Change Room
Matting	2 - 8' X 40' sheets with ramps 1 - 8' X 16' sheets
Catwalk	1 - 40' X 7'
Pipe Racks	2 - Sets



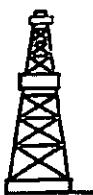
Example of Critical List

	Contractor Name: Hurley Well Service Ltd.			
	Rig Name: 10			
Over Head Equipment List				
ITEM NAME	SERIAL NUMBER	HWS SERIAL NUMBER	INSPECTION DATE	YEARS/DAYS REMAINING
Mast	11-83	N/A	Oct 14, 2011	10 Years
Climbing Line Anchor	11-83	N/A	Oct 14, 2011	10 Years
Monkeyboard Rear Escape Line Frame	11-83	N/A	Oct 14, 2011	10 Years
MB Fall Restraint	11-83	N/A	Oct 14, 2011	10 Years
Brake linkage	060814	N/A	Nov 23, 2006	10 Years
Travelling Blocks	2896-1	HWS-TB-09	Nov 29, 2012	4 Years
Bails	06196-01/02	HWS-BL-03	Nov 28, 2012	4 Years
TBG Elevators: 2 3/8 2 7/8	N/A 120430	HWS-TE-16 HWS-TE-10	Jul 21, 2013 Nov 20, 2012	5 Years 5 Years
Rod Hook	120430	HWS-RH-07	Jun 25, 2012	4 Years
Rod Elevators	T0811028 T0811024 T0811027 T0811019	HWS-RE-35 HWS-RE-36 HWS-RE-37 HWS-RE-38	Oct 11, 2011 Oct 11, 2011 Oct 11, 2011 Oct 11, 2011	3 Years 3 Years 3 Years 3 Years
Crown Shvs	11-83	N/A	Oct 14, 2011	7 Years
Weight Indicator	M3941	HWS-WI-10	Mar 7, 2013	2 Months

Fall Arrests	091718 090134	HWS-RL-14 HWS-RL-15	Sep 28, 2013 Sep 28, 2013	7 Months 7 Months
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	Contractor Name: Hurley Well Service Ltd.			
	Rig Name: 10			
Blow Out Prevention Equipment List				
ITEM NAME	SERIAL NUMBER	HWS SERIAL NUMBER	INSPECTION DATE	YEARS/DAYS REMAINING
Bops	5410	HWS-BOP-02	Jul 5, 2013	2 Years
Annular	5409	HWS-A-02	Jul 5, 2013	2 Years
Working Spool	49659	HWS-WS-02	Jul 5, 2013	2 Years
Working Valve	CA5263	HWS-WV-10	Jul 5, 2013	Continuous...
Safety Valves	D2875T-1174	HWS-SV-12	Feb 8, 2011	Continuous...

	Contractor Name: Hurley Well Service Ltd.			
	Rig Name: 10			
Safety Equipment List				
ITEM NAME	SERIAL NUMBER	HWS SERIAL NUMBER	INSPECTION DATE	YEARS/DAYS REMAINING
Fire Extinguishers	N/A BT-762039 AV-821088 N/A	HWS-FE-09 HWS-FE-12 HWS-FE-15 HWS-FE-16	May 2, 2013 May 2, 2013 May 2, 2013 May 2, 2013	3 Months 3 Months 3 Months 3 Months
Air Packs	SZ209441 SY098441	HWS-AP-13 HWS-AP-14	Apr 5, 2013 Apr 5, 2013	4 Months 4 Months



Kodiak
Engineering Ltd.

Suite 101A, 957 Fir Street, Sherwood Park, AB T8A 4N6 • Office: (780) 416-2125 • Fax: (780) 416-2780 • Cell: (780) 910-3533 • Email: lyuzk@kodakeng.com

October 14, 2011

Hurley Well Service Ltd
R.R. #3, Site 1, Box 11
Grande Prairie, Alberta
T8V 5N3

COPY

RE: CERTIFICATION OF FREESTANDING CAPITAL RIG MAST AND BASE

Model: 140-72
Serial Number: 11-83
Mast Height: 72 ft / 21.95 m
Maximum Hook Load: 120,000 lbs. / 53,400 daN / 4 lines
Maximum Wind: 69 mph / 111 kph
Owner: Hurley Well Service Ltd. – Rig #10
Our File: 11-07-7766/0

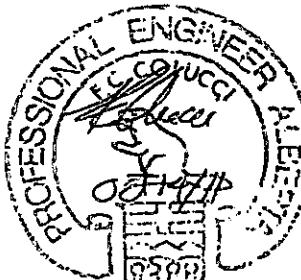
The above rig is certified to operate without external guylines, with internal load lines in place, and monkeyboard lines tied back to the ends of the outriggers, as per Capital Rig Repair operating procedure. The mast, base, and outriggers have been designed in accordance with API 4F, Mast With Guylines.

The above mast, base and outriggers were fabricated from new material by Capital Rig Repair at their Edmonton, Alberta facility. We performed visual and magnetic particle inspections on the completed fabrication as per the attached inspection reports.

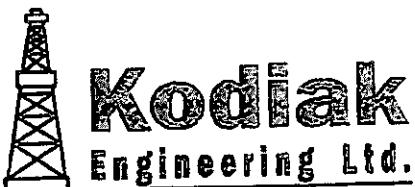
Based on the analysis performed, the inspection of the mast, base, and outriggers, and our review of the completed repairs, it is our opinion that the mast, base, and outriggers are safe operating structures when operated as per Capital Rig Repair operating procedure, and may be placed into service at the above ratings and specifications.

This certification covers the above-described mast, base and outriggers for a period of 24,000 operating hours, with inspections by a qualified person as per CAODC Recommended Practice T-03-04/R.P. 3.0, or until the mast, base or outriggers are damaged by either handling, transportation or operation.

PERMIT TO PRACTICE	
KODIAK ENGINEERING LTD.	
Signature	<i>Heeger</i>
Date	<u>October 14, 2011</u>
PERMIT NUMBER: P 7518	
The Association of Professional Engineers, Geologists and Geophysicists of Alberta	



Drilling and Service Rig Design • Inspection and Certification
Rig Component Design • Technical Reports



Suite101A, 957 Fir Street, Sherwood Park, AB T8A 4N6 • Office (780) 416-2125 • Fax (780) 416-2780 • Cell: (780) 910-3533 • Email: lyuzyk@kodiakeng.com

October 14, 2011

Hurley Well Service Ltd
R.R. #3, Site 1, Box 11
Grande Prairie, Alberta
T8V 5N3

~~COPY~~

RE: CERTIFICATION OF CLIMBING LINE ANCHOR

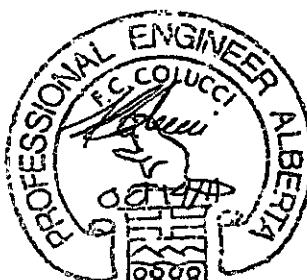
Mast Model: Capital Rig 140-72
Mast Serial Number: 11-83
Frame Capacity: 5,000 lbs / 2,224 daN
Owner: Hurley Well Service Ltd. – Rig #10
Our File: 11-07-7766/2

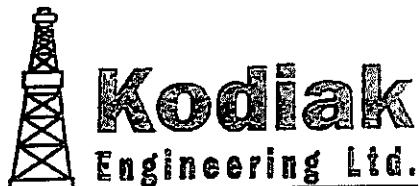
The climbing line anchor at the crown has been designed to support and house the retractable climbing line at the crown. This anchor is rated for the above capacity, which is required for the climbing line anchor point as outlined by the climbing line OEM.

Based on our design and inspection of the climbing line anchor, it is our opinion that the climbing line anchor is a safe operating structure and may be placed into service within the above ratings and specifications.

This certification covers the above described climbing line anchor for 24,000 operating hours, with inspections by a qualified person as per CAOCD Recommended Practice T-03-04/R.P. 3.0, or until the climbing line anchor is damaged by either handling, transportation or operation.

PERMIT TO PRACTICE KODIAK ENGINEERING LTD.	
Signature	
Date	October 14, 2011
PERMIT NUMBER: P 7518	
The Association of Professional Engineers, Geologists and Geophysicists of Alberta	





Suite 101A, 957 Fir Street, Sherwood Park, AB T8A 4N6 • Office (780) 416-2125 • Fax (780) 416-2780 • Cell (780) 910-3533 • Email: tyuzyk@kodiakeng.com

October 14, 2011

Hurley Well Service Ltd.
R.R. #3, Site 1, Box 11
Grande Prairie, Alberta
T8V 5N3

COPY

RE: **CERTIFICATION OF MONKEYBOARD REAR ESCAPE LINE FRAME**

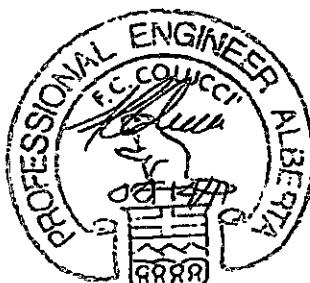
Mast Model: Capital Rig 140-72
Mast Serial Number: 11-83
Frame Capacity: 3,000 lbs / 1,335 daN
Owner: Hurley Well Service Ltd. – Rig #10
Our File: 11-07-7766/3

A frame has been manufactured new for the monkeyboard to allow for rear egress to the escape buggy on the escape line. The frame is rated for the above capacity, which is required for escape line anchor points as outlined by the escape buggy OEM. The frame fabrication has been performed by Capital Rig Repair at their Edmonton, Alberta facility.

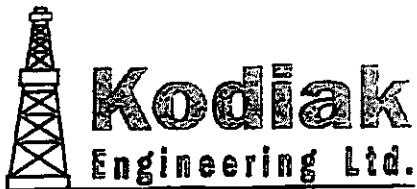
Based on our design and inspection of the completed monkeyboard rear escape line frame, it is our opinion that the monkeyboard rear escape line frame is a safe operating structure and may be placed into service within the above ratings and specifications.

This certification covers the above described monkeyboard rear escape line frame for 24,000 operating hours, with inspections by a qualified person as per CAOCD Recommended Practice T-03-04/R.P. 3.0, or until the monkeyboard rear escape line frame is damaged by either handling, transportation or operation.

PERMIT TO PRACTICE	
KODIAK ENGINEERING LTD.	
Signature	
Date	October 14, 2011
PERMIT NUMBER: P 7518	
The Association of Professional Engineers, Geologists and Geophysicists of Alberta	



Drilling and Service Rig Design • Inspection and Certification
Rig Component Design • Technical Reports



Suite 101A, 957 Fir Street, Sherwood Park, AB T8A 4N6 • Office: (780) 416-2125 • Fax (780) 416-2780 • Cell (780) 910-3533 • Email: hyuzik@kodiakeng.com

October 14, 2011

Hurley Well Service Ltd.
R.R. #3, Site 1, Box 11
Grande Prairie, Alberta
T8V 5N3

RE: CERTIFICATION OF OVERHEAD MB FALL RESTRAINT SYSTEM

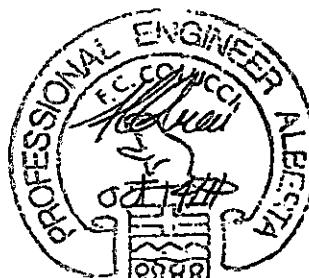
Mast Model: Capital 140-72
Mast Serial Number: 11-83
Maximum Static Load: 5,000 lbs / 2,225 daN
Owner: Hurley Well Service Ltd. – Rig #10
Our File: 11-07-7766/4

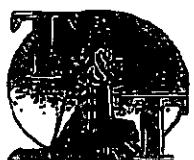
The overhead monkeyboard fall restraint system consists of a folding frame mounted to the front legs of the mast above the rod board with a self-retracting life line (SRL) attached to the end of the frame. The system was fabricated and installed new by Capital Rig Repair at their Edmonton, Alberta facility.

Based on the design performed and inspection of the completed system, it is our opinion that the overhead monkeyboard fall restraint system is a safe operating structure and may be placed into service within the above ratings and specifications.

This certification covers the above described overhead monkeyboard fall restraint system for 24,000 operating hours, with inspections by a qualified person as per CAOCD Recommended Practice T-03-04/R.P. 3.0, or until the overhead monkeyboard fall restraint system is damaged by either handling, transportation or operation.

PERMIT TO PRACTICE	
KODIAK ENGINEERING LTD.	
Signature	
Date	October 14, 2011
PERMIT NUMBER: 1-7513	
The Association of Professional Engineers, Geologists and Geophysicists of Alberta	





INSPECTIONS & ENGINEERING

In Service
Nov 28 2006

EQUIPMENT CERTIFICATION

November 23, 2006

Issued to:

**Hurley Well Service Ltd.
RR3 Site 1 Box 11
Grande Prairie, Alberta
T8V 5N3**

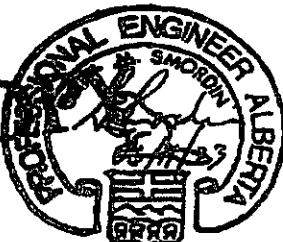
Rig #: 10
Equipment: SJ Petro / Brake Bands for Sand Line and
Main Line Drum
Model: BW600-SJ350
Serial #: SN. 060814
B.W. Rig Repair & Supply: W.O.# 9728-30
Engineering File #: 061112875

The above-mentioned equipment required a Level IV inspection, repairs where needed and certification for service. REES N.D.T. Inspections Services Ltd. examined all accessible areas of the brake bands. The bands were in a new manufactured condition at the time of magnetic particle inspection and visual examination.

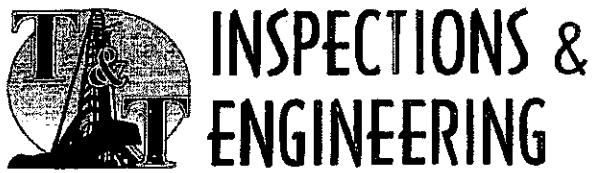
Based on the inspection, it is our opinion that the equipment is a safe operating unit and may be placed into service within the manufacturer's original ratings and specifications.

This certification is valid for a period of 1000 operating days, as per the recommendations provided by the Canadian Association of Oilwell Drilling Contractors, or until the unit has been damaged either as a result of operation, transportation or handling.

PERMIT TO PRACTISE	
T & T INSPECTION & ENGINEERING LTD.	
Signature:	<i>H. G. Gordon</i>
Date	<u>November 23, 2016</u>
PERMIT NUMBER: P 6501	
The Association of Professional Engineers, Geologists and Geophysicists of Alberta	



To: Darry L = 12 pages



609 - 21 Avenue Nisku, Alberta T9E 7X9
Phone: 780-955-9688 Fax: 780-955-9389
NON-DESTRUCTIVE EXAMINATION & ENGINEERING
24 Hour Service

EQUIPMENT CERTIFICATION

November 29, 2012

Issued to:

Hurley Well Service Ltd
8209 - 102A Street
Grande Prairie, AB
T8W 1Z5

Rig #: 9
Equipment: Sowa Tubing Block & Hook
Model: 0724-3A, 3x24" Sheaves, 1" Wire, 100-Ton
Serial #: 2896-1
Equipment #: HWS-TB-09
Tartan Report #: M-3842
Engineering File #: 121120004

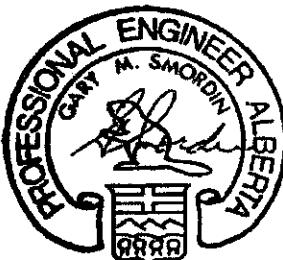
The above-mentioned equipment required a Level IV inspection, repairs where needed and certification for service.

Tartan N.D.T. Services Ltd. conducted the magnetic particle inspection and visual examination.

Based on the provided documentation, it is our opinion that the equipment is a safe operating unit and may be returned to service within the manufacturer's original ratings and specifications.

This certification is valid for a period of 6 years, as per the recommendations provided by the Canadian Association of Oilwell Drilling Contractors, or until the unit has been damaged either as a result of operation, transportation or handling.

PERMIT TO PRACTICE	
T & T INSPECTIONS & ENGINEERING LTD.	
Signature	
Date	November 29, 2012
PERMIT NUMBER: P 6501	
The Association of Professional Engineers and Geoscientists of Alberta	



November 29, 2012



November 28, 2012

Hurley Well Services
3901 – 100 Street
Grande Prairie, AB T8W 5A8

LEVEL IV CERTIFICATION

On November 28, 2012 our technical staff non-destructively examined the aforementioned equipment in accordance with Red Flame Industries procedures and industry standard practices. Upon final inspection of the equipment and any repairs recommended or performed, no unacceptable defects were noted.

Based on the results of our final inspection, it is our opinion that the inspected components are safe for use within the original equipment manufacturer's specifications.

This certification is valid for a period of 6 years, with inspections by a qualified person as per CAODC R.P. 4.0, or until the equipment has been modified or damaged by handling or operation.



November 29 2012

APEGGA Permit Number P8717

Shinequip Industry Co.,Ltd

INSPECTION REPORT OF TUBING ELEVATOR

According to API Spec8A/8C, the product was tested at 1.5 times the max load keeping five minutes. The result of test ,NDE, handing property and exterior as follows :

Description(Type)	TUBING ELEVATOR	Test Load	150TON
Dispatch No	TA/100T 2.3/8"EU: 30661, 30662 TA/100T 2.7/8"EU: 306112, 30696, 30653, 30176		
Test result	OK		
MPI result	OK		
Handing property	OK		
Exterior	OK		



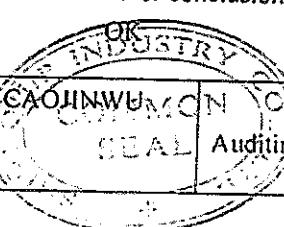
DATE: July 21th, 2013

HWS TE 16

Shinequip Industry Co.,Ltd

MAGNETIC PARTICLE INSPECTION CERTIFICATE

Part name	TUBING ELEVATOR		Type	TA100 EU 2 3/8"	
Dispatch No.	120430		Qty	1 (Pcs)	
Material	Alloy steel		Face estate		
Heat treatment estate	Quenching and Tempering		Area thickness	See below	
Instrument Model	CEW-10000		Method of Magnetization	Continuum	
Method of display	Fluorescence		Sensitivity	A 15/100	
Black light lamp	>800Uw/cm ²		Acceptance Std	API SPEC 8C 8.4.7.1	
Test extent and place of assess casing: HWS TE 10					
In Service Nov 20/2012					
Find type of disfigurement and dimension(give clear indication of position in up map): Nonexistence					
Quality grade of assess and/or conclusion: OK					
Inspector	CAOJINWU YON SEAL	Auditing	WUZHENG	Date	JUNE 25 TH .2012





NORTECH ADVANCED NDT LTD.

160 Portage Close
Sherwood Park, AB
T6H 2W2

Tel: (780) 449-5013
Fax: (780) 449-5036

May 12, 2010

Hurley Well Services Ltd.
RR 3, Site 1, Box 11
Grande Prairie, Alberta
T8V 5N3

HWS RH 07

CERTIFICATION

Equipment:	O'Bannon Rod Hook Assembly
Model:	15 Ton
Serial No.:	HWS RH 07
Owner:	Hurley Well Services Ltd.
TRM #:	TRM0510002
Recertification Facility:	EMRC, a division of Topco Oilsite Products Ltd.
Nortech Field Report No.'s:	M-6520
Our Engineering File No.:	NT-10517

APEGGA Permit to Practice No.: P10646

We performed our examination of this rod hook assembly on May 07, 2010 at EMRC, a division of Topco Oilsite Products Ltd. The rod hook assembly was completely disassembled and sandblasted.

Nortech technicians provided magnetic particle inspection services.

Final NDT inspection revealed no defects after load test. As a result of our inspections and review of the supplied documents, it is our opinion that this rod hook assembly may be safely returned to service within the manufacturer's original ratings and specifications.

This certification is valid for 6 years, as per recommendations provided by CAODC RP-4.0, or until the rod hook assembly is damaged either as a result of operation, transportation or handling.



Jim Ip, P.Eng.

HWSRE 35



Certificate of Proof Load Test

Date: October 11, 2011

It is hereby certified that the products identified on the bottom of this certificate were load tested to the indicated values. The product has successfully completed load testing without permanent deformation in product configuration or degradation in performance. An examination was performed by a qualified CGSB Level 2 Technician in accordance with API Specification 8C after proof load testing.

Proof Load Test Specification: API-SPEC 8C

Re: 24/10/06 Rev 7

Quantity Tested	Serial Number	Product Description	Part Number	Maximum Rated Load	Proof Load Tested
1	T0811028	Trico Sucker Rod Elevator Plate Type	553-575-500	50,000 LB/25 Ton	75,000 LB

Proof Load Test By: EMRC – A Division of Topco Oilsite Products Ltd.

WARNING: The proper utilization and care of products, within its stated design limits, and the selection, installation, and working load limits on wire rope and other attachments is the sole responsibility of the user. Acceleration and impact loads will reduce the Maximum Rated Static Load. Welding repairs to the equipment indicated above are not recommended since the components are manufactured using high-strength steel. The product indicated above shall be annually inspected as required under CAODC Overhead Equipment Inspection & Certification Recommended Practice 4.0 for Service Rigs.

Please read the back of this certificate for General Cautions and Warnings.

HWS RE 36



Certificate of Proof Load Test

Date: October 11, 2011

It is hereby certified that the products identified on the bottom of this certificate were load tested to the indicated values. The product has successfully completed load testing without permanent deformation in product configuration or degradation in performance. An examination was performed by a qualified CGSB Level 2 Technician in accordance with API Specification 8C after proof load testing.

Proof Load Test Specification: API-SPEC 8C

Re: 24/10/06 Rev 7

Quantity Tested	Serial Number	Product Description	Part Number	Maximum Rated Load	Proof Load Tested
1	T0811024	Trico Sucker Rod Elevator Plate Type	553-575-500	50,000 LB/25 Ton	75,000 LB

Proof Load Test By: EMRC – A Division of Topco Oilsite Products Ltd.

WARNING: The proper utilization and care of products, within its stated design limits, and the selection, installation, and working load limits on wire rope and other attachments is the sole responsibility of the user. Acceleration and impact loads will reduce the Maximum Rated Static Load. Welding repairs to the equipment indicated above are not recommended since the components are manufactured using high-strength steel. The product indicated above shall be annually inspected as required under CAODC Overhead Equipment Inspection & Certification Recommended Practice 4.0 for Service Rigs.

Please read the back of this certificate for General Cautions and Warnings.

HWS RE 37



Certificate of Proof Load Test

Date: October 11, 2011

It is hereby certified that the products identified on the bottom of this certificate were load tested to the indicated values. The product has successfully completed load testing without permanent deformation in product configuration or degradation in performance. An examination was performed by a qualified CGSR Level 2 Technician in accordance with API Specification 8C after proof load testing.

Proof Load Test Specification: API-SPEC 8C

Re: 24/10/06 Rev 7

Quantity Tested	Serial Number	Product Description	Part Number	Maximum Rated Load	Proof Load Tested
1	T0811027	Trico Sucker Rod Elevator Plate Type	553-575-500	50,000 LB/25 Ton	75,000 LB

Proof Load Test By: EMRC – A Division of Topco Oilsite Products Ltd.

WARNING: The proper utilization and care of products, within its stated design limits, and the selection, installation, and working load limits on wire rope and other attachments is the sole responsibility of the user. Acceleration and impact loads will reduce the Maximum Rated Static Load. Welding repairs to the equipment indicated above are not recommended since the components are manufactured using high-strength steel. The product indicated above shall be annually inspected as required under CAODC Overhead Equipment Inspection & Certification Recommended Practice 4.0 for Service Rigs.

Please read the back of this certificate for General Cautions and Warnings.

HWS RE 38



Certificate of Proof Load Test

Date: October 11, 2011

It is hereby certified that the products identified on the bottom of this certificate were load tested to the indicated values. The product has successfully completed load testing without permanent deformation in product configuration or degradation in performance. An examination was performed by a qualified CGSB Level 2 Technician in accordance with API Specification 8C after proof load testing.

Proof Load Test Specification: API-SPEC 8C

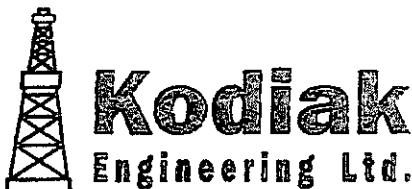
Re: 24/10/06 Rev 7

Quantity Tested	Serial Number	Product Description	Part Number	Maximum Rated Load	Proof Load Tested
1	T0811019	Trico Sucker Rod Elevator Plate Type	553-575-500	50,000 LB/25 Ton	75,000 LB

Proof Load Test By: EMRC – A Division of Topco Oilsite Products Ltd.

WARNING: The proper utilization and care of products, within its stated design limits, and the selection, installation, and working load limits on wire rope and other attachments is the sole responsibility of the user. Acceleration and impact loads will reduce the Maximum Rated Static Load. Welding repairs to the equipment indicated above are not recommended since the components are manufactured using high-strength steel. The product indicated above shall be annually inspected as required under CAODC Overhead Equipment Inspection & Certification Recommended Practice 4.0 for Service Rigs.

Please read the back of this certificate for General Cautions and Warnings.



Suite 101A, 957 Fir Street, Sherwood Park, AB T8A 4N6 • Office: (780) 416-2125 • Fax: (780) 416-2780 • Cell: (780) 910-3533 • Email: fyuzyk@kodiakeng.com

October 14, 2011

Hurley Well Service Ltd.
R.R. #3, Site 1, Box 11
Grande Prairie, Alberta
T8V 5N3

RE: LEVEL IV CERTIFICATION OF CAPITAL RIG CROWN

Mast Model: 140-72
Mast Serial Number: 11-83
Drill Line Sheaves: 3 x 24" x 1" Nylatron
Sand Line Sheave: 1 x 20" x 9/16" Nylatron
Owner: Hurley Well Service Ltd. – Rig #10
Our File: 11-07-7766/1

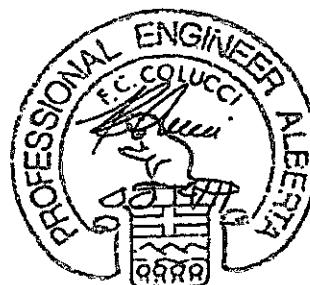
COPY

The above crown was fabricated from new material by Capital Rig Repair at their Edmonton, Alberta facility. A visual and magnetic particle inspection was performed on the completed fabrication. No defects were noted at time of final inspection.

Based on the inspection of the completed fabrication, it is our opinion that the crown is a safe operating structure and may be placed into service within the above ratings and specifications.

This certification covers the above described crown for 24,000 operating hours, with inspections by a qualified person as per CAOCD Recommended Practice T-03-04/R.P. 3.0, or until the crown is damaged by either handling, transportation or operation.

PERMIT TO PRACTICE KODIAK ENGINEERING LTD.	
Signature	<i>F. Colucci</i>
Date	<u>October 14, 2011</u>
PERMIT NUMBER: P 7518	
The Association of Professional Engineers, Geologists and Geophysicists of Alberta	



Drilling and Service Rig Design • Inspection and Certification
Rig Component Design • Technical Reports

Certificate of Calibration

Report number Arkane-Cal Report11564

ARKANE WORKS

Manufacture	Model	Customer/Unit	Serial Number	Calibration Date	Expiry Date
WEIGHT INDICATOR	2-LINES	HURLEY WFL SERVICES	HWS-WI-10	03/04/11	07/01/2013

All instrument calibrations are verified for accuracy before they are shipped. The recommended calibration interval for this instrument is 12 months from the date of verification.

As Received Condition: **Out of Tolerance** As Left Condition: **In Tolerance**

All calibrations are performed in a controlled environment by qualified personnel using instrumentation and methods which guarantee that specifications claimed are reliable. Calibrations conform to ANSI/NCSL Z540-1-1994, MIL-STD 45667A, IEC6721 and IEC650 when specified by customer documentation. Laboratory ambient condition throughout this calibration were:

Temperature: 20 to 24°C
Humidity: 30 to 55% RH
Pressure: 100 to 103 kPa

Reference Standards used in this calibration are traceable to the National Institute of Standards and Technology through the following report numbers:

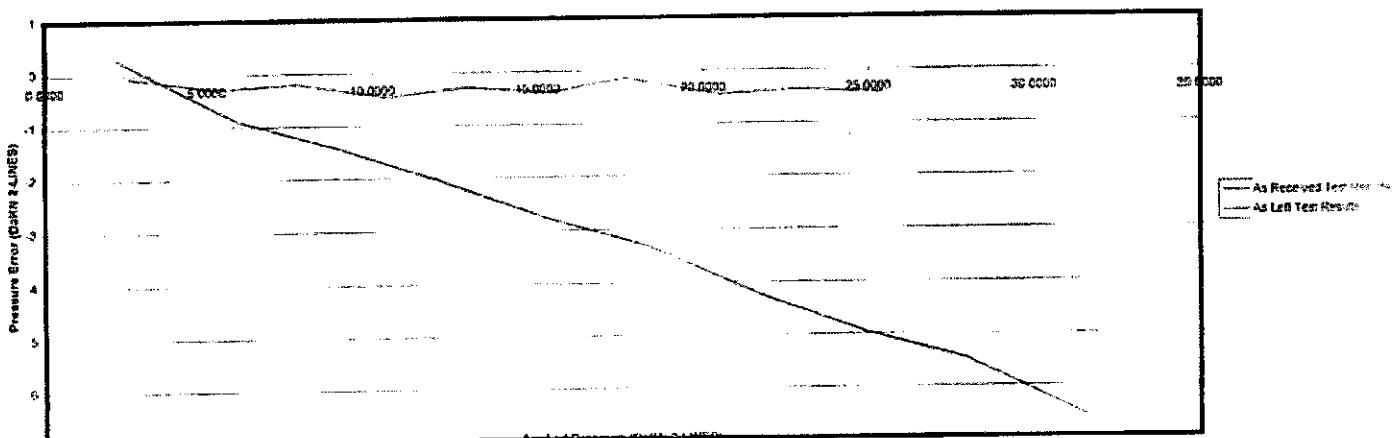
Manufacturer	Model	Serial Number	Report Number	Expiry Date	Report Date
Costech Engineering	10KPSIXP21	233795	146698	15-Mar-13	0-276-0113-1-002843-209-1005412-0-075-00012

This certificate shall not be reproduced except in full, without written approval.						
As Received Test Results				As Left Test Results		
Measurement		Gauge		Condition		Allowable Difference
Reading	Unit	Condition	Reading	Condition	Reading	Unit
7.2098	2.5	Pass	0.2902	+1.41%	0.3003	2.5%
5.8897	3.0	Fail	-0.8897	-17.77%	0.5004	3.0%
8.9231	7.5	Fail	1.4231	+18.97%	0.5003	7.5%
12.0042	10.0	Fail	2.0642	+20.64%	0.5003	10.0%
15.2751	12.5	Fail	2.7751	+22.20%	0.5003	12.5%
18.3154	15.0	Fail	3.3154	+22.10%	0.5003	15.0%
21.7480	17.5	Fail	4.2480	+24.26%	0.5003	17.5%
24.7967	20.0	Fail	4.9602	+24.87%	0.5003	20.0%
27.9464	22.5	Fail	5.4648	+24.30%	0.5003	22.5%
31.6000	25.0	Fail	6.6003	+26.40%	0.5003	25.0%

In Service March 7/13

Laboratory Representative:
Calibration Technician

Pressure Error Graph for Gauge # HWS-WI-10, S/N WEIGHT INDICATOR 2-LINES, Report # Arkane-Cal Report11564





In Service Sept 28, 2013
Certificate

Date: 09/24/2013
Customer: HURLEY WELL SERVICES
Model #: 3403500
Serial #: 091718
ID #: HWS RL 14
Next Service Due: 09/24/2014

Work Order #: GP193359

Technician: N909

This is to verify that the above Self Retracting Lifeline was serviced to manufacturer's specifications to meet or exceed the CAS requirements (CSAZ259.2.2-98).

This Fall Protection Device requires re-certification one year from the above date. Extreme working conditions may indicate the necessity to increase annual service.

Edmonton, AB, T6B 2X4
4810 – 92 Avenue
Ph: 780-468-3366
Fx: 780-468-5654

Grande Prairie, AB, T8V 8B7
10203 – 123 Street
Ph: 780-532-0843
Fx: 780-532-0819

St. Catharines, ON, L2M 6S5
Unit #1, 27 Seapark Drive
Ph: 905-688-1866
Fx: 905-688-5020

Regina, SK, S4N 4X1
563 McDonald Street
Ph: 306-721-2223
Fx: 306-721-2344

Red Deer, AB, T4P 3R2
7948 Edgar Industrial Way
Ph: 403-343-6671
Fx: 403-347-9970





In Service Sept 10, 2013 Certificate

Date: 08/15/2013
Customer: HURLEY WELL
Model #: 3403500C
Serial #: 090134
ID #: HWS RL 15
Next Service Due: 08/15/2014

Service Performed by: *Century Vallen*

<input type="checkbox"/> Edmonton, AB, T6B 2X4 4810 – 92 Avenue Ph: 780-468-3366 Fx: 780-468-5654	<input checked="" type="checkbox"/> Grande Prairie, AB, T8V 8B7 10203 – 123 Street Ph: 780-532-0843 Fx: 780-532-0819	<input type="checkbox"/> St. Catharines, ON, L2M 6S5 Unit #1, 27 Seapark Drive Ph: 905-688-1866 Fx: 905-688-5020
<input type="checkbox"/> Regina, SK, S4N 4X1 563 McDonald Street Ph: 306-721-2223 Fx: 306-721-2344	<input type="checkbox"/> Red Deer, AB, T4P 3R2 7948 Edgar Industrial Way Ph: 403-343-6671 Fx: 403-347-9970	





ALBERTA PETROLEUM INDUSTRIES LTD.

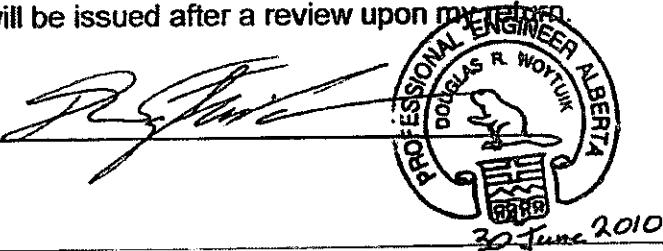
"Blowout Preventer & Fluid Control Specialists"

3712 - 93 Street,
Edmonton, AB T6E 5K6
Phone 780-436-9693
Fax 780-436-8515
api@apibop.com
www.apibop.com

To Whom It May Concern:

During my absence I authorize Alberta Petroleum Industries President, Scott Delbridge, to act as the "Certifying Party" per Appendix 5 of ERCB Directive 36. Permanent certificates will be issued after a review upon my return.

Douglas Woytuik P.Eng:



Re: Service Requirements

A.P.I. Work Order No.: 67428 S/N: 5410/HWS-BOP-2

Certification Date: June 28 / 13

After a review of the above Alberta Petroleum Industries Ltd. Work Order, the equipment listed above meets the 3-year certification requirements of ERCB Directive 36, Appendix 5.

The required documentation for the work performed on this equipment for certification is on file with Alberta Petroleum Industries Ltd.

Regards,

Scott Delbridge
President

In Service July 5, 2013



ALBERTA PETROLEUM INDUSTRIES LTD.

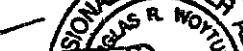
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To Whom It May Concern:

During my absence I authorize Alberta Petroleum Industries President, Scott Delbridge, to act as the "Certifying Party" per Appendix 5 of ERCB Directive 36. Permanent certificates will be issued after a review upon my return.

Douglas Woytuik P.Eng.

 
PROFESSIONAL ENGINEERS ALBERTA
D. R. WOTTUK
P. Eng.
30 June 2010

নথিপত্র
30 June 2010

Re: Service Requirements

A.P.I. Work Order No.: 67427 S/N: 5409/HWS-A-02

Certification Date: June 28 / 13

After a review of the above Alberta Petroleum Industries Ltd. Work Order, the equipment listed above meets the 3-year certification requirements of ERCB Directive 36, Appendix 5.

The required documentation for the work performed on this equipment for certification is on file with Alberta Petroleum Industries Ltd.

Regards,

~~Scott Delbridge~~
President



ALBERTA PETROLEUM INDUSTRIES LTD.

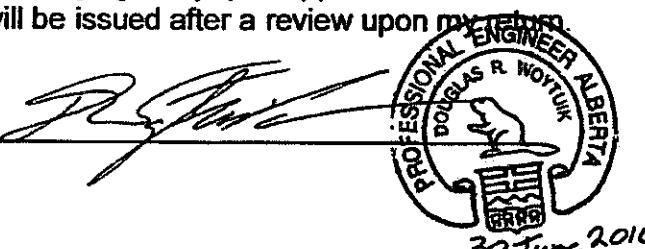
"Blowout Preventer & Fluid Control Specialists"

3712 - 93 Street
Edmonton, AB T6E 5K
Phone 780-436-965
Fax 780-436-851
api@apibop.co
www.apibop.co

To Whom It May Concern:

During my absence I authorize Alberta Petroleum Industries President, Scott Delbridge, to act as the "Certifying Party" per Appendix 5 of ERCB Directive 36. Permanent certificates will be issued after a review upon my return.

Douglas Woytuik P.Eng:



Re: Service Requirements

A.P.I. Work Order No.: 67429 S/N: 49659/HWS-K01-02 WS

Certification Date: June 28/13

After a review of the above Alberta Petroleum Industries Ltd. Work Order, the equipment listed above meets the 3-year certification requirements of ERCB Directive 36, Appendix 5.

The required documentation for the work performed on this equipment for certification is on file with Alberta Petroleum Industries Ltd.

Regards,

Scott Delbridge
President

In Service July 5, 2013

532013 CERTIFICATE OF QUALITY

DATE: December-10-2012

MECHANICALS

MECHANICALS		TENSILE TEST		CHARP J TEST		HARDNESS TEST		WELD TEST		MS TEST		MS TEST		HARDNESS TEST		CHARP J TEST		TENSILE TEST	
109	89	89	70	70	67	96	95	24	24	95	95	MS	MS	95	95	1991/1992	1991/1992	1991/1992	1991/1992

MECHANICALS		THERMALS		MECHANICALS		THERMALS		MECHANICALS		THERMALS	
105	105	105	105	56	56	56	56	24	24	24	24
89	89	89	89	69	69	69	69	57	57	57	57
73	73	73	73	73	73	73	73	24	24	24	24

Old Am SMH

QUALITY ASSURANCE

WE CERTIFY HERE THE MATERIAL PROVIDED IS CONSISTENT WITH THE ORDER SPECIFICATIONS THE INFORMATION
USE MATERIAL PROVIDED IS TRUE AND CORRECT TO OUR KNOWLEDGE

MANUFACTURER		JIANGSU JIN SHI MACHINERY GROUP CO., LTD
CUSTOMER		
WEDGEPTC		
SPECIFICATION		AP-6A 20-88 ^o B ISO15156-2009
CUSTOMER P.O.		
ITEM NO. 10-3585		
QUANTITY,PCS		
SIZE A		DESCRIPTION JH, 2.165" SM VALVE, API6A DD LU PSL1, PTF
NO. PFA2552		IDENTIFICATION
RG		NO.
2011CS43		

D-Valves Ltd.
6133 - 97 St
Edmonton, Alberta
Phone (780) 436 5353 Fax (780) 438-7906

Service report on IBOP's (Inside Blowout Preventers) such as Tubing Safety valves and Kellyocks.

Company: Hurley Well Service

Date: February 8, 2011

Rig #:

P.O: RR125085

Work Number: 74715

Serial Number: HWS-SV-12

D2875T-1174

Make: D-Valve Safety IBOP

Size: 2 7/8 EUE

Pressure: 5000

Trim: Nace Standard

Check Parts Replaced

- Seal Kit
- Stem
- Saver Sub
- Ball
- Stem Bushing
- Upper Seat Insert
- Stop Ring
- Lower Seat
- Square Seal

Labour Performed

- Dismantle
- Wash
- Inspect *
- Magnaflux
- Lap Ball
- Lap Upper Seat
- Lap Lower Seat
- Grind Ball
- Bore Lower Pocket
- Bore Upper Pocket
- Bore Stemhole
- Adjust Stops
- Recondition Stem
- Chase Pin
- Chase Box
- Assemble
- Pressure Test
- Chart
- Grease
- Paint
- Torque

* - Includes measuring all parts and bores, examining all seal areas

We at D-Valves certify that your reconditioned IBOP equipment has been checked and repaired by one of Alberta's best trained repair and manufacturing shops for the purpose of blowout prevention, in accordance with:

American Petroleum Institute (API)

National Association of Corrosion Engineer (NACE), MR-01-75 specifications

Alberta Recommended Practices (ARP)

D-Valves Standards

Authorized Signature: M. K. Hansen

Recharge by:



FIRE SYSTEMS & PORTABLE EXTINGUISHERS

Name: H.W.S FE 12

Last Recharge Date: 2015 New

Type: 30/6 ABC SP

Location: GP

Month	Day	Year	Service	Inspect by
January			Annual Maintenance Pressurized	<u>5/7/05</u>
February			Annual Maintenance Pressurized	
March			Annual Maintenance Pressurized	
April			Annual Maintenance Pressurized	
May			Annual Maintenance Pressurized	
June			Annual Maintenance Pressurized	
July			Annual Maintenance Pressurized	
August			Annual Maintenance Pressurized	
September			Annual Maintenance Pressurized	
October			Annual Maintenance Pressurized	
November			Annual Maintenance Pressurized	
December			Annual Maintenance Pressurized	

13

Serial #: 84-762039

MONTHLY INSPECTION RECORD

JAN	
FEB	
MAR	
APR	
MAY <u>SL</u>	
JUN	
JUL	
AUG	
SEPT	
OCT	
NOV	
DEC	

Recharge by:



FIRE SYSTEMS & PORTABLE EXTINGUISHERS

Name: H.W.S FE 15

Last Recharge Date: 2011 New

Type: 30/6 ABC SP

Location: GP

Month	Day	Year	Service	Inspect by
January			Annual Maintenance Pressurized	<u>5/7/05</u>
February			Annual Maintenance Pressurized	
March			Annual Maintenance Pressurized	
April			Annual Maintenance Pressurized	
May			Annual Maintenance Pressurized	
June			Annual Maintenance Pressurized	
July			Annual Maintenance Pressurized	
August			Annual Maintenance Pressurized	
September			Annual Maintenance Pressurized	
October			Annual Maintenance Pressurized	
November			Annual Maintenance Pressurized	
December			Annual Maintenance Pressurized	

13

Serial #: A4-221083

MONTHLY INSPECTION RECORD

JAN	
FEB	
MAR	
APR	
MAY <u>SL</u>	
JUN	
JUL	
AUG	
SEPT	
OCT	
NOV	
DEC	

(print name)

reunis

Mar 2001

In-house Annual Inspection Checklist

DATE: May 2/13 2013

likely to occur in the immediate area.

International Conference on
Eco-Conflicts in Russia, 1998

Note inspection date on the inspection tag

TAKEN OUT OF SERVICE FOR REPAIR

REPLACEMENT EXTINGUISHER ASSIGNED

Hydro Date





ProCheck3 Test Results

Complete SCBA Test

MSA
L01654 Airhawk 2216
SZ209441

Hurley Well Service
Grande Prairie, AB

4/5/2013 11:26:55 AM

PosiChek3
calibration was up
to date when this
test was
performed.

Apparatus Tested

Location : Grande Prairie
Other ID : HWS AP13

Auxiliary IDs

Facepiece	Ultra Elite
Second Stage	SZ209441
First Stage/Reducer	HZ208182
Low Pressure Alarm	Whistle
Cyl Connector	346
Airline Attachment	None
Harness	Nylon

Visual Inspection

Facepiece	Pass
Backframe/Harness	Pass
Cylinder	Pass
Low Pressure Warning :	Pass
Hoses	Pass

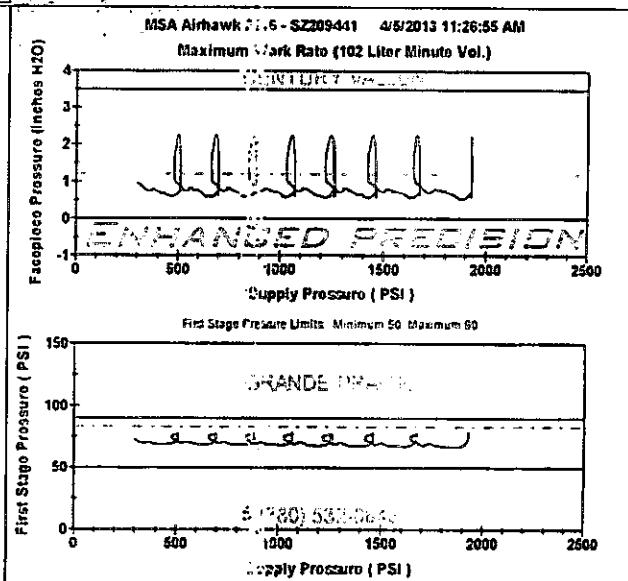
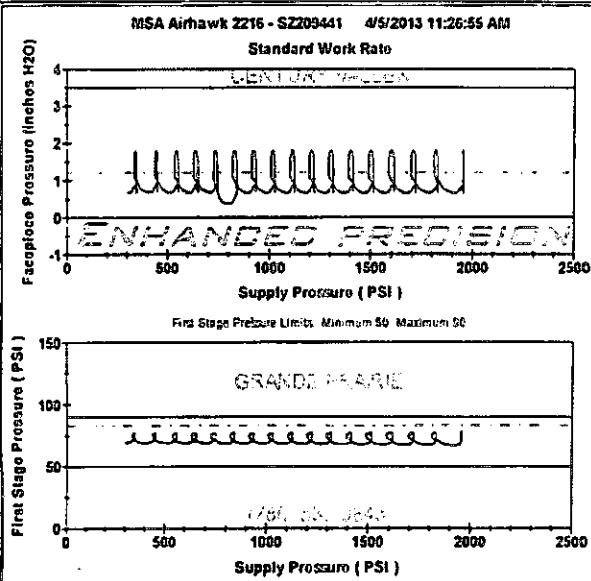
Functional Tests

Facepiece Leak Test	Pass	0.1 in. H2O
Exhalation Pressure	Pass	1.6 in. H2O
Pressure Gauge Test	Pass	

500 PSI	1000 PSI	1500 PSI
Pass 541	Pass 924	Pass 1487

Alarm Accuracy	Pass	561 PSI
Alarm Ringdown	Pass	126 PSI
Static Facepiece Pressure	Pass	1.2 in. H2O
Static First Stage Pressure	Pass	83 PSI

First Stage Pressure Change	Pass	5 PSI
Bypass Test	Pass	
High Pressure Leakage	Pass	3 PSI



Minimum	Maximum		Breathing Results	Minimum	Maximum	
0.4 in. H2O	1.8 in. H2O	Pass	Facepiece Pressure	0.5 in. H2O	2.3 in. H2O	Pass
67 PSI	78 PSI	Pass	First Stage Pressure	66 PSI	79 PSI	Pass

Tested by : Dale Fitzpatrick
Organization : 10203 - 123 Street
EP Grande Prairie, Alberta

Signature _____



MSA
L01654
Airhawk 2216
SY098441

ProCheck3 Test Results

Complete SCBA Test
Hurley Well Service
Grande Prairie, AB

4/5/2013 1:21:45 PM

PosiChek3
calibration was up
to date when this
test was
performed.

Apparatus Tested

Location : Grande Prairie
Other ID : HWS AP14

Auxiliary IDs

Facepiece	Ultra Elite
Second Stage	SY098441
First Stage/Reducer	HY261932
Low Pressure Alarm	Whistle
Cyl Connector	346
Airline Attachment	None
Harness	Nylon

Visual Inspection

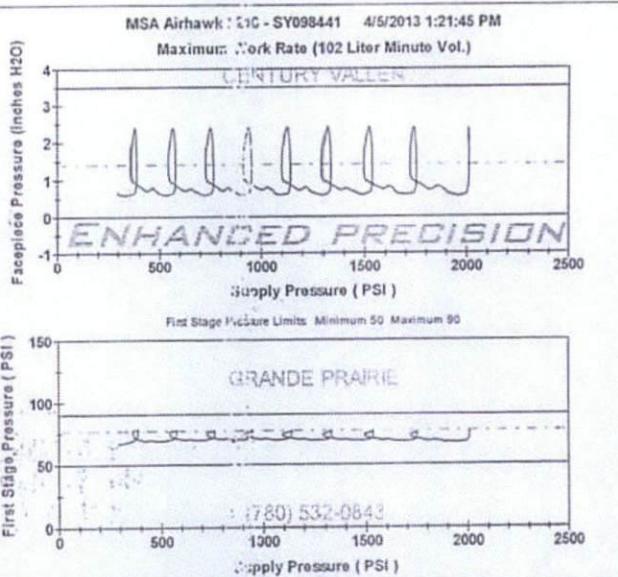
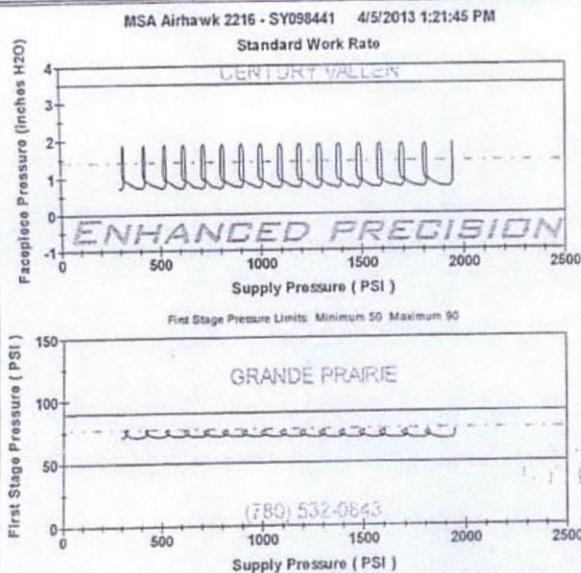
Facepiece	Pass
Backframe/Harness	Pass
Cylinder	Pass
Low Pressure Warning :	Pass
Hoses	Pass

Functional Tests

Facepiece Leak Test	Pass	0.0 in. H2O
Exhalation Pressure	Pass	1.7 in. H2O
Pressure Gauge Test	Pass	

500 PSI	1000 PSI	1500 PSI
Pass	509	Pass
		951
		Pass
		1478

Alarm Accuracy	Pass	524 PSI
Alarm Ringdown	Pass	148 PSI
Static Facepiece Pressure	Pass	1.4 in. H2O
Static First Stage Pressure	Pass	77 PSI
First Stage Pressure Change	Pass	1 PSI
Bypass Test	Pass	
High Pressure Leakage	Pass	3 PSI



				Breathing Results			
Minimum	Maximum			Facepiece Pressure	Minimum	Maximum	
0.7 in. H2O	1.9 in. H2O	Pass		Facepiece Pressure	0.6 in. H2O	2.4 in. H2O	Pass
68 PSI	78 PSI	Pass		First Stage Pressure	67 PSI	79 PSI	Pass

Tested by : Dale Fitzpatrick
Organization : 10203 - 123 Street
EP Grande Prairie, Alberta

Signature

Page 1 of 1

Version 3.26



VESSEL (A): 0547052
DATE OF INSPECTION: 2013 Sep 13



Certificate of Inspection Permit

HURLEY WELL SERVICE LTD
RR 3 SITE 1 BOX 11

Max. Inspection Interval: 1.00 Yr.

Year Built: 2006

CRN: F6261.2

Serial #: 9415

Volume:

Heating Surface: 37.16 M²

Surface Area:

COMPANY CODE: UNIT HWSB03

DESCRIPTION: FIRETUBE BOILER

LOCATION: PORTABLE, GRANDE PRAIRIE

MANUFACTURER: WILLIAMS & DAVIS BOILERS INC

Pressure Relief Valves

PART	MAX. ALLOWABLE PRESSURE	MAX. TEMP	MIN. TEMP	VALVE ID	SETTING	CAPACITY	LOCATION
BOILER	1034 KPA	185 C		SV1	1034 KPA	1921 KG/H	BOILER

Terms and Conditions:

Permit Issued by: MONZUR, ABU

Signature:

NOTE: REQUIREMENTS OF THE SAFETY CODES ACT AND THE REGULATIONS ISSUED THEREUNDER:

An owner or vendor must notify the Administrator in writing when the pressure equipment identified on this certificate is sold or otherwise disposed of.

The owner or person in charge shall report all accidents involving Pressure Equipment to the district Safety Codes Officer immediately and shall send a full report in writing to the Administrator as required by the Act. No repairs or alterations may be made unless authorized by a Safety Codes Officer.