

EXHIBIT

tabbles

2063

SHIP TO: 14901

WEATHERFORD (GEMOCO)
8920 POINT SIX CIRCLE DR
HOUSTON TX 77095
UNITED STATES



Weatherford
WEATHERFORD
179 WEATHERFORD DR
SCHRIEVER LA 70395
UNITED STATES

76-0486916

PAGE
1 of 1

SALES ORDER ACKNOWLEDGMENT

Order Number: 5430572 ST
Order Date: JAN 15 2010
Related P.O.: 05666641
Location: 10276 SCHRIEVER
Phone No.: 985.493-6100
Fax No.: 985.493-6290
Miscellaneous: END USER: NEXEN
Enode No.: E10012

BILL TO: 3

WEATHERFORD U.S., L.P.
515 POST OAK BLVD
SUITE 600
HOUSTON TX 77027
UNITED STATES

TERMS		ORDERED BY		ENTERED BY		
Net 30 days				SCHAFF, KEITH A		
SHIPPING TERMS		SHIPPING INSTRUCTIONS				
EXW Ex Works						
LINE NO	ITEM NUMBER DESCRIPTION	UOM	QTY	UNIT PRICE	EXTENDED PRICE	
4.000	Legacy #: M222W70H513H12A003 Part #: 1366511 SHOE, GUIDE 7 M222W CONC CMPST HCQ125 HYDL 513 32.0 Request Date : JAN 29 2010 Sched Ship Date : FEB 05 2010 7" MOD M222W H513 HCQ125 32 NEXEN DEEPWATER INSPECTIONS M222W70H513H12A007? END USER: NEXEN GREEN CANYON 512#2 (KNOTTY HEAD #2)	EA	1.00	2,113.3473	2,113.35	N
5.000	Legacy #: M45AP70H513H12A001 Part #: 1366513 COLLAR, FLOAT 7 M45AP HCQ125 NR HYDL 513 32.0 Request Date : JAN 29 2010 Sched Ship Date : FEB 05 2010 7" MOD M45AP H513 HCQ125 32 2" BALL 5-7 BPM NEXEN DEEPWATER INSPECTIONS M45AP70H513H12A007? END USER: NEXEN GREEN CANYON 512#2 (KNOTTY HEAD #2)	EA	2.00	4,008.1804	8,016.36	N
6.000	Legacy #: 541R070H513H12A005 Part #: 1366204 SUB, CENT ROT 7 541R HCQ125 HYDRIL 513 32.0 10.75 OD Request Date : JAN 29 2010 Sched Ship Date : FEB 05 2010 7" MOD 541R H513 HCQ125 32# 10.750 OD DRIGT 6.00 FOR 10 5/8" O.H. NEXEN DEEPWATER INSPECTIONS 541R070H513H12A007? END USER: NEXEN GREEN CANYON 512#2 (KNOTTY HEAD #2)	EA	6.00	3,092.7396	18,556.44	N
				SUBTOTAL	28,686.15	
				SALES TAX	0.00	
				TOTAL (USD)	28,686.15	

Weatherford (such term shall include any subsidiary, division or affiliate of Weatherford International, Inc.) will provide the requested equipment, materials or services to its customer. Such provision shall be governed by the terms and conditions of the current applicable master service agreement between the parties. In the event that there is no such master service agreement, Weatherford's standard terms and conditions, a copy of which can be found at www.weatherford.com/t&c shall be applicable to the provision of such equipment, materials or services. [A paper copy of these standard terms and conditions will be provided to you upon your written request.]

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FSSOAJ R42585 FarmScope 3.4.3 01-14-2010 CCB8244R01 JOD # F55155066

WFT-MDL-00003237



Weatherford

Completion & Oilfield Services

CERTIFICATE OF COMPLIANCE

CUSTOMER PO# 05666641

WEATHERFORD 5430572

Weatherford hereby certifies that the items under the referenced purchase order number has been manufactured to the requirements of the purchase order and that all technical and quality requirements established in the purchase order have been met.

QTY	DESCRIPTION
1	1366511 SHOE, GUIDE 7 M222W CONC CMPST HCQ125 HYDL 513 32.0

NAME: Dan J. Oliver 2/2/2010

Quality Control Department

WFT-MDL-00003238



Weatherford
Completion & Oilfield Services

CERTIFICATE OF COMPLIANCE

CUSTOMER PO# 05666641

WEATHERFORD 5430572

Weatherford hereby certifies that the items under the referenced purchase order number has been manufactured to the requirements of the purchase order and that all technical and quality requirements established in the purchase order have been met.

QTY

DESCRIPTION

2

1366513

COLLAR, FLOAT 7 M45AP HCQ125 NR
HYDL 513 32.0

NAME:

Dale J. Oliver

2/2/2010

Quality Control Department

WFT-MDL-00003239



Weatherford

Completion & Oilfield Services

CERTIFICATE OF COMPLIANCE

CUSTOMER PO# 05666641

WEATHERFORD 5430572

Weatherford hereby certifies that the items under the referenced purchase order number has been manufactured to the requirements of the purchase order and that all technical and quality requirements established in the purchase order have been met.

QTY	DESCRIPTION
6	1366204 SUB, CENT ROT 7 541R HCQ125 HYDRIL 513 32.0 10.75 OD

NAME: Wally Oliver 2/2/2010

Quality Control Department

WFT-MDL-00003240



**PREMIUM CONNECTIONS
CERTIFICATE OF CONFORMITY**

Manufacturing Plant Location:
Westwego

Client	Weatherford Gemoco	CERT No. AC05-403923	W/O# 27824691	P.O. 5689787	DATE 1/29/10	Page: 1/1
Product	7.000" 32.00# HCQ125 513 Box			Guide Shoe Model M222W - 12.750"		
Sales Order	786001 Work Order	403923	Quantity (PCS)	1	Accessory	


PROCESS CONTROL AND CERTIFICATION RESULT

PROCESS NO.	PROCESS	CERTIFICATION RESULT	QUANTITY (PCS)	STANDARDS / SPECIFICATION
1	Receiving - Check In	OK	1	Tenaris - Hydril Connection
2	Thread Box	OK	1	Tenaris - Hydril Connection
3	Inspect Box	OK	1	Tenaris - Hydril Connection
4	Phosphate Box	OK	1	Tenaris - Hydril Connection
5	Final Inspect Box	OK	1	Tenaris - Hydril Connection

This product may be covered by one or more of the following patents, US3338074, US3360240, US5423379, US5454605, US5794985, US6009611, US6050610, US6123368, US6158785, US6174001, US6206436, US6270127, US6530607, US6550822, US6554287, US6596121, US6607220, US6622797, US6626471, US6693357, US6976711, US7014212, US7114751, US7156676, US7191841, US7243957, US7326015, US7380840, US7383888, US7458616, US7469938, US7473917, US7478842, US7497481, US7500698, US7527304, equivalent in other countries and other patents pending.

TENARIS PREMIUM CONNECTIONS QUALITY DEPARTMENT SIGNATURE

ISSUED BY	APPROVED BY
Gary J. Richoux	Henry Exsterstein

		PREMIUM CONNECTIONS		CERTIFICATE OF CONFORMITY		Manufacturing Plant Location: Westwego	
Client		Weatherford Gemoco		CERT No.	AC05-403924	DATE	1/29/10
Product		7.000" 32.00# HCC125 513 Box X pin		WO#	27824721	P.O.	5689787
Sales Order		786001 Work Order		WO#	27824763	2-Float Collars Model M45AP - 30"	Page: 1/1
				Length Range	6-Centralizer Subs Model 541R - 49"	Accessories	
				Quantity (PCS)	8		
PROCESS CONTROL AND CERTIFICATION RESULT							
PROCESS NO.	PROCESS	CERTIFICATION RESULT	QUANTITY (PCS)	STANDARDS / SPECIFICATION			
1	Receiving - Check In	OK	8	Tenaris - Hydril Connection			
2	Thread Box	OK	8	Tenaris - Hydril Connection			
3	Inspect Box	OK	8	Tenaris - Hydril Connection			
4	Thread Pin	OK	8	Tenaris - Hydril Connection			
5	Inspect Pin	OK	8	Tenaris - Hydril Connection			
6	Phosphate Box	OK	8	Tenaris - Hydril Connection			
7	Phosphate Pin	OK	8	Tenaris - Hydril Connection			
8	Final Inspect Box	OK	8	Tenaris - Hydril Connection			
9	Final Inspect Pin	OK	8	Tenaris - Hydril Connection			
<p>This product may be covered by one or more of the following patents, US5338074, US5360240, US5423579, US5454605, US5794985, US6009611, US6050610, US6123368, US6158785, US6174001, US6206436, US6270127, US6530607, US6550822, US6554287, US6596121, US6607220, US6622797, US6626471, US6695357, US6976711, US7014212, US7114751, US7156676, US7191841, US7243957, US7326015, US7380840, US7383888, US7458616, US7469938, US7473917, US7478842, US7497481, US7500698, US7527304, equivalent in other countries and other patents pending.</p>							
ISSUED BY				APPROVED BY			
Gary J. Richoux				Henry Exsterstein			
TENARIS PREMIUM CONNECTIONS QUALITY DEPARTMENT SIGNATURE							

DELTA INSPECTION CO. of HOUMA, Inc.

P. O. Box 9219 HOUMA, LA 70361

PHONE (985) 851-5300

INSPECTION REPORT**5689788**CUSTOMER: WEATHERFORD
INSPECTOR: GLYNN MATHERNE
DATE: 02/01/2010
SPECIFICATION: QOP 809 REV CPO#: 5689788
NDE LEVEL: II
MATERIAL GRADE: HCQ-125JOB #:
DELTA JOB#: B210-003WET: X
DRY:AC:
DC: XCONTINUOUS: X
RESIDUAL:AMP TURNS: 12000
CIRCULAR AMPS: 3000SANDBLASTED:
DEMAG: XMAG UNIT: MagWerks PSF-1446
UNIT SN#: 010802
UNIT CAL DUE DATE: 07/13/10UV LAMP: Spectroline Model SB-100P
UV METER: Spectroline Model DM-365X
INTENSITY: 2,450uW/cm²SOLUTION: Magnaflux Magnaglo 14A
BATH STRENGTH: .3 % per 100ml TUBE
BATCH: 06L056
SOLUTION COLOR: Yellow/green

SCOPE OF EXAMINATION: WET MAG BI-DIRECTIONAL FULL LENGTH & DRIFT

DESCRIPTION	QUANTITY	RESULTS	DRIFT
FLOAT COLLARS WFD/01 WO # 27824721-01 THRU 02 7" HYD 513 HCQ-125 32.0# MOD. M45AP ID: 6.020 HT # 986142/89734	2	2 EA MT-OK	2 DRIFT-OK
GUIDE SHOE WFD/01 WO # 27824691-01 7" HYD 513 HCQ-125 32.0# MOD: M222W ID: 6.024 HT # 986142/89734 JT. # 7	1	1 EA MT-OK	1 DRIFT-OK
CENTRALIZER SUBS WFD/01 WO # 27824763-01 THRU 06 7" HYD 513 MOD 541R HCQ-125 ID: 6.024 HT # 986142/89734 JT. # 31	6	6 EA MT-OK	6 DRIFT-OK
DRIFT WITH 6.000" OD DRIFT			
END USER: NEXEN			
WELL OR PROJECT: GRREEN CANYON 512#2 (KNOTTY HEAD #2)			
REF: DW (THIRD PARTY)			

Inspector: Glynn Matherne NDE level II Cost: _____ Total: _____3rd Party Representative: W. J. Matherne 2/1/10 Customer Representative: _____

DELTA INSPECTION CO. of HOUMA, Inc.

P. O. Box 9219 HOUMA, LA 70361 PHONE (985) 851-5300

INSPECTION REPORT**5689788A**

CUSTOMER: GEMOCO PO#: 5689788 JOB #: NONE
INSPECTOR: GLYNN MATHERNE NDE LEVEL: II DELTA JOB#: B210-003
DATE: 02/01/2010 MATERIAL GRADE: STEEL
SPECIFICATION: QOP-809 REV C, WT-103 REV A

WET: X AC: X CONTINUOUS: X AMP TURNS: SANDBLASTED: YOKE: X
DRY: DC: RESIDUAL: CIRCULAR AMPS: DEMAG: X

MAG UNIT: AC YOKE UV LAMP: SOLUTION: Magnaflux 7C
UNIT SN#: 885 UV METER: BATH STRENGTH: 2.0 % per 100ml TUBE
UNIT CAL DUE DATE: 7/13/09 INTENSITY: BATCH: 07J052
SOLUTION COLOR: BLACK

SCOPE OF EXAMINATION: WET MAG BI-DIRECTIONAL WELD AREAS

DESCRIPTION	QUANTITY	RESULTS
BOW SPRING WO# 27824763	6	ALL WELDS-MT-OK

REF:DW

Inspector: Glynn Matherne NDE level II Cost: _____ Total: _____
3rd Party Representative: WJW - DTC 2/1/10 Customer Representative: _____

WFT-MDL-00003244

P. O. Box 9219 HOUMA, LA 70361 PHONE (985) 851-5300

5689788B

JOB #:
DELTA JOB#: B210-003

CALIBRATION DUE DATE: 11-15-10

MIN. 373"

REF: DW (THIRD PARTY)

3rd Party Representative: W201/PT-OTC 2/1/10 Customer Representative: _____

Delta Inspection Co. of Houma

REPORT OF NONDESTRUCTIVE EXAMINATION

KT 25877

CUSTOMER: *Plum*
Ref 208-788

DATE OF TEST: *2/2/10*

JOB REFERENCE:

OBSERVER:

SPECIFICATION: *SAF 804- Basic*

ACCEPTANCE MARK: *100%*

SCOPE OF EXAMINATION: *Welds*

MATERIAL:

MAGNETIC PARTICLE		LIQUID PENETRANT	
WET: <input checked="" type="checkbox"/>	DRY: <input type="checkbox"/>	CONTINUOUS: <input checked="" type="checkbox"/>	BRAND: _____ TYPE: _____
A/C: <input checked="" type="checkbox"/>	D/C: <input type="checkbox"/>	RESIDUAL: <input type="checkbox"/>	VISIBLE: _____ FLUORESCENT: _____
AMP TURNS: _____	CIRCULAR AMPS: _____	BATCH NO. _____ MINUTES _____	
YOKE: <i>74-8</i>	DEMAGNETIZED: _____	PENETRANT: _____	REMOVER: _____
U.V. LAMP INTENSITY: _____	uW/cm ²	DEVELOPER: _____	_____
BATH STRENGTH: <i>3</i>	% PER 100 ml TUBE		

ITEM	QUANTITY	DESCRIPTION	RESULTS OF EXAMINATION
<i>6</i>	<i>6</i>	<i>6 Bumpings for 7' centerline</i>	<i>All welds are mt-ok</i>

*Welds
etc.
2/2/10*

Technician: *Plum* NDE Level: *II* Assistant: _____ NDE Level: _____

Travel Hours: _____ Work Hours: _____ Standby Hours: _____ Total Hours: _____ Rate: _____ Total \$: _____

Nothing herein shall be construed to be a guaranty against loss occasioned by failure of the structure upon which the examination is made.

Customer Representative: *Parley D. Over*

STAR PRINTING, INC. #9973

WFT-MDL-00003246



VALLOUREC & MANNESMANN TUBES

V & M TCA

3800 Port Place
Mustogee, Oklahoma 74403

MILL TEST REPORT

ENERGY ALLOYS

PO# 89734

MO# M-087908

8.000" x 86.68# x (1.125") Q125(1)

COUPLING STOCK

Monday, March 09, 2009

V & M TCA LAB CERTIFICATION REPORT

CUSTOMER: ENERGY ALLOYS
TCA M.O.#: M-087908
CUSTOMER P.O.#: 89734
DATE: 3/9/2009
ITEM: 8.000" x 82.68# x (1.125") Q125(1) Cplg Stock

Physical Testing

Heat #	Lot #	Piece #	Type	Orien.	Gage Width	Tensile Str.	Yield Str.	Elong. %	RA%
888142	09-0108	1W	R	L	0.504	145.2	134.9	20.0	70.0
888142	09-0108	2E	S	L	1.500	140.7	130.0	39.1	59.4
888142	09-0108	3W	R	L	0.507	145.1	133.8	20.0	68.0
888142	09-0108	4E	R	L	0.505	143.3	132.1	20.0	69.0
888142	09-0108	5W	R	L	0.506	146.7	135.5	19.0	68.0
888142	09-0108	6E	R	L	0.507	142.3	131.5	20.0	68.0
888142	09-0108	7W	R	L	0.505	147.8	138.6	20.0	69.0
888142	09-0108	8E	R	L	0.503	145.9	134.3	21.0	67.0
888142	09-0108	9W	R	L	0.508	145.5	135.8	20.0	66.0
888142	09-0108	10E	R	L	0.507	145.4	134.6	20.0	69.0
888142	09-0108	11W	R	L	0.504	145.2	134.4	20.0	67.0
888142	09-0108	12E	R	L	0.502	144.0	131.7	19.0	65.0
888142	09-0108	13W	R	L	0.507	146.8	134.8	18.0	68.0
888142	09-0108	14E	R	L	0.501	146.1	134.5	19.0	68.0
888142	09-0108	15W	S	L	1.502	143.1	132.2	38.7	55.6
888142	09-0108	16E	R	L	0.506	144.7	133.7	19.0	68.0
888142	09-0108	17W	R	L	0.502	147.1	136.8	18.0	66.0
888142	09-0108	18E	R	L	0.501	144.2	132.7	19.0	68.0
888142	09-0108	19W	R	L	0.503	145.0	133.7	19.0	66.0
888142	09-0108	20E	R	L	0.505	145.0	134.0	19.0	68.0
888142	09-0108	21W	R	L	0.502	147.5	135.9	19.0	65.0
888142	09-0108	22E	R	L	0.503	146.4	135.3	19.0	67.0
888142	09-0108	23W	R	L	0.505	148.0	139.1	20.0	67.0
888142	09-0108	24E	R	L	0.504	144.4	132.9	20.0	68.0
888142	09-0108	25W	R	L	0.508	146.7	135.1	20.0	69.0
888142	09-0108	26E	R	L	0.505	145.1	134.1	20.0	69.0
888142	09-0108	27W	R	L	0.505	146.4	135.6	20.0	68.0
888142	09-0108	28E	S	L	1.502	142.5	131.8	38.7	57.9
888142	09-0108	29W	R	L	0.504	145.9	133.9	20.0	69.0
888142	09-0108	30E	R	L	0.505	144.5	132.3	20.0	68.0
888142	09-0108	31W	R	L	0.505	145.6	134.2	20.0	68.0
888142	09-0108	32E	R	L	0.504	145.2	133.7	20.0	69.0
888142	09-0108	33W	R	L	0.504	148.0	136.5	19.0	67.0
888142	09-0108	34E	R	L	0.504	143.9	132.4	20.0	69.0
888142	09-0108	35W	R	L	0.502	149.1	137.6	20.0	66.0
888142	09-0108	36E	R	L	0.503	147.2	136.6	20.0	68.0
888142	09-0108	37W	R	L	0.503	148.9	137.7	19.0	67.0
888142	09-0108	38E	R	L	0.504	147.2	135.9	20.0	68.0
888142	09-0108	39W	R	L	0.504	149.2	139.6	20.0	69.0
888142	09-0108	40E	R	L	0.504	147.9	136.6	20.0	68.0
888142	09-0108	41W	S	L	1.504	146.2	137.2	37.7	54.9

Note: Tempering Temp: 142 minutes @ 1215°F.
AF Temp: 107 minutes @ 1650°F
EUL: 0.65%
Quench Medium: Water

All Properties meet the requirements of API Specification 5CT, Latest Edition. I certify that these tests were conducted in accordance with applicable specifications and that the data contained herein is true and correct.

V & M TCA Representative

Date

3-10-09

TCA Lab Certification Report

CUSTOMER: ENERGY ALLOYS
TCA M.O.#: M-087908
CUSTOMER P.O.#: 89734
DATE: 3/9/2009
ITEM: 8.000" x 82.68# x (1.125") Q125(1) Cplg Stock

1 Quad Tempered Ring Hardness

SLN:	Lot:	Pipe#	E/W	OD. Wall			Mid Wall			ID. Wall		
986142.0	09 0108	1	W	30.0	30.4	30.4	31.6	32.1	32.1	32.0	30.4	30.7
986142.0	09 0108	2	E	31.7	32.3	32.5	31.6	31.9	31.8	31.3	30.7	31.2
986142.0	09 0108	3	W	32.0	31.5	32.6	32.1	31.9	32.1	31.1	31.4	31.3
986142.0	09 0108	4	E	31.1	31.8	31.2	31.8	31.2	31.5	31.1	31.7	30.8
986142.0	09 0108	5	W	32.1	32.7	31.5	31.9	31.8	32.6	31.2	31.5	31.6
986142.0	09 0108	6	E	31.2	30.6	30.6	31.4	32.0	32.0	31.4	31.1	31.3
986142.0	09 0108	7	W	31.1	31.4	31.4	32.3	32.1	31.9	30.9	31.9	31.9
986142.0	09 0108	8	E	31.1	31.0	30.9	32.2	31.4	30.9	29.9	31.6	31.7
986142.0	09 0108	9	W	32.5	31.8	31.5	31.0	31.3	31.8	30.5	31.4	31.7
986142.0	09 0108	10	E	31.6	30.9	30.9	31.6	31.9	32.1	31.0	32.0	31.6
986142.0	09 0108	11	W	33.1	32.1	31.7	32.0	31.7	31.7	31.9	30.7	32.3
986142.0	09 0108	12	E	31.8	31.6	31.5	31.0	32.2	31.6	31.1	30.9	30.8
986142.0	09 0108	13	W	31.8	31.7	31.6	33.2	32.3	32.3	31.0	31.1	31.4
986142.0	09 0108	14	E	32.0	31.1	31.6	31.2	31.9	31.0	31.1	31.6	31.1
986142.0	09 0108	15	W	31.9	32.0	33.0	32.3	33.1	33.0	33.1	32.3	32.0
986142.0	09 0108	16	E	30.8	31.2	32.1	31.3	31.7	32.2	30.3	31.0	30.1
986142.0	09 0108	17	W	31.0	32.3	32.7	32.0	31.8	31.8	30.7	31.6	31.9
986142.0	09 0108	18	E	31.4	30.8	30.8	30.8	31.7	32.3	31.9	31.9	30.9
986142.0	09 0108	19	W	31.7	31.8	31.8	32.0	32.1	32.2	31.4	31.9	32.2
986142.0	09 0108	20	E	30.8	31.9	30.9	31.6	32.1	32.6	31.6	30.6	30.4
986142.0	09 0108	21	W	31.6	31.9	31.9	32.1	32.4	32.1	31.1	31.8	31.8
986142.0	09 0108	22	E	32.5	31.7	31.8	32.6	32.1	32.2	31.1	31.9	32.1
986142.0	09 0108	23	W	31.8	31.9	32.2	32.3	32.8	32.3	31.4	31.8	32.1
986142.0	09 0108	24	E	31.9	31.5	31.5	32.2	31.6	32.3	31.0	31.3	30.4
986142.0	09 0108	25	W	31.4	31.1	31.6	30.9	31.9	32.6	30.8	31.4	30.8
986142.0	09 0108	26	E	30.6	31.5	31.2	32.0	32.0	32.9	31.1	30.4	31.7
986142.0	09 0108	27	W	31.6	32.0	31.7	32.2	31.8	32.5	31.9	31.5	31.7
986142.0	09 0108	28	E	30.1	29.9	31.1	32.1	32.5	32.5	32.5	31.3	31.8
986142.0	09 0108	29	W	32.4	31.7	31.7	32.3	30.6	31.8	31.2	32.5	31.4
986142.0	09 0108	30	E	31.0	31.5	30.7	32.1	31.4	31.2	31.1	31.4	31.7
986142.0	09 0108	31	W	32.4	31.8	31.9	32.1	31.8	31.5	31.7	31.1	30.9
986142.0	09 0108	32	E	31.3	30.7	30.6	32.4	31.8	31.3	31.5	31.6	30.4
986142.0	09 0108	33	W	31.9	32.4	31.9	31.5	32.0	31.2	31.4	31.8	31.1
986142.0	09 0108	34	E	31.1	31.5	31.4	32.1	32.0	31.6	31.5	30.9	31.5
986142.0	09 0108	35	W	31.8	32.7	32.2	32.8	32.6	31.9	32.1	32.5	31.7
986142.0	09 0108	36	E	32.6	31.7	32.4	31.6	32.9	32.2	32.9	31.6	30.9
986142.0	09 0108	37	W	32.1	32.7	32.4	32.3	32.4	32.1	31.5	32.3	31.8
986142.0	09 0108	38	E	31.5	32.1	31.9	32.0	32.1	32.2	31.5	31.4	30.7
986142.0	09 0108	39	W	32.3	32.4	32.5	33.1	32.6	32.6	32.0	32.1	32.9
986142.0	09 0108	40	E	31.7	32.2	32.4	31.0	32.7	32.0	30.8	31.7	31.4
986142.0	09 0108	41	W	32.5	32.7	33.2	33.3	33.0	33.3	31.8	32.6	32.8

V & M - TCA Lab Certification Report Charpy Impacts/Lateral Expansion

CUSTOMER: ENERGY ALLOYS
TCA M.O.#: M-087908
CUSTOMER P.O.#: 89734
DATE: 3/9/2009
ITEM: 8.000" x 82.68# x (1.125") Q125(1) Cplg Stock

Heat #	Lot #	Piece #	E/W	Dir.	Size	Temp. Deg.F	Absorbed Energy (Ft-lbs)				Shear %				Lateral Expansion (in)			
							#1	#2	#3	Avg	#1	#2	#3	Avg	#1	#2	#3	Avg
986142	09-0108	1	W	T	F	32	105	102	107	104.7	100.0	100.0	100.0	100.0	0.043	0.045	0.050	0.046
986142	09-0108	2	E	T	F	32	100	102	104	102.0	100.0	100.0	100.0	100.0	0.044	0.045	0.049	0.046
986142	09-0108	3	W	T	F	32	101	104	105	103.3	100.0	100.0	100.0	100.0	0.040	0.046	0.048	0.045
986142	09-0108	4	E	T	F	32	99	97	99	98.3	100.0	100.0	100.0	100.0	0.053	0.048	0.049	0.050
986142	09-0108	5	W	T	F	32	92	94	96	94.0	100.0	100.0	100.0	100.0	0.043	0.046	0.056	0.048
986142	09-0108	6	E	T	F	32	100	101	102	101.0	100.0	100.0	100.0	100.0	0.042	0.043	0.051	0.045
986142	09-0108	7	W	T	F	32	100	101	102	101.0	100.0	100.0	100.0	100.0	0.049	0.046	0.046	0.047
986142	09-0108	8	E	T	F	32	104	105	106	105.0	100.0	100.0	100.0	100.0	0.058	0.056	0.061	0.058
986142	09-0108	9	W	T	F	32	99	98	99	98.7	100.0	100.0	100.0	100.0	0.047	0.049	0.048	0.048
986142	09-0108	10	E	T	F	32	105	102	105	104.0	100.0	100.0	100.0	100.0	0.051	0.050	0.042	0.048
986142	09-0108	11	W	T	F	32	98	95	99	97.3	100.0	100.0	100.0	100.0	0.048	0.050	0.049	0.049
986142	09-0108	12	E	T	F	32	98	99	99	98.7	100.0	100.0	100.0	100.0	0.049	0.044	0.046	0.046
986142	09-0108	13	W	T	F	32	99	98	96	97.7	100.0	100.0	100.0	100.0	0.044	0.046	0.043	0.044
986142	09-0108	14	E	T	F	32	99	99	101	99.3	100.0	100.0	100.0	100.0	0.042	0.044	0.043	0.043
986142	09-0108	15	W	T	F	32	103	101	103	102.3	100.0	100.0	100.0	100.0	0.046	0.044	0.044	0.045
986142	09-0108	16	E	T	F	32	103	106	110	106.3	100.0	100.0	100.0	100.0	0.058	0.062	0.059	0.060
986142	09-0108	17	W	T	F	32	100	101	105	102.0	100.0	100.0	100.0	100.0	0.051	0.049	0.046	0.049
986142	09-0108	18	E	T	F	32	102	104	109	105.0	100.0	100.0	100.0	100.0	0.049	0.053	0.052	0.051
986142	09-0108	19	W	T	F	32	103	104	103	103.3	100.0	100.0	100.0	100.0	0.051	0.052	0.051	0.051
986142	09-0108	20	E	T	F	32	100	104	102	102.0	100.0	100.0	100.0	100.0	0.046	0.041	0.050	0.046
986142	09-0108	21	W	T	F	32	99	101	104	101.3	100.0	100.0	100.0	100.0	0.047	0.047	0.048	0.048
986142	09-0108	22	E	T	F	32	105	102	106	104.3	100.0	100.0	100.0	100.0	0.051	0.051	0.048	0.050
986142	09-0108	24	E	T	F	32	98	97	100	98.3	100.0	100.0	100.0	100.0	0.038	0.042	0.044	0.041
986142	09-0108	25	W	T	F	32	99	102	104	101.7	100.0	100.0	100.0	100.0	0.036	0.049	0.049	0.045
986142	09-0108	26	E	T	F	32	101	98	97	99.0	100.0	100.0	100.0	100.0	0.047	0.042	0.045	0.045
986142	09-0108	27	W	T	F	32	100	95	100	98.3	100.0	100.0	100.0	100.0	0.049	0.041	0.043	0.044
986142	09-0108	28	E	T	F	32	102	103	102	102.3	100.0	100.0	100.0	100.0	0.040	0.042	0.041	0.041
986142	09-0108	29	W	T	F	32	101	104	105	103.3	100.0	100.0	100.0	100.0	0.044	0.050	0.051	0.048
986142	09-0108	30	E	T	F	32	102	103	104	103.0	100.0	100.0	100.0	100.0	0.047	0.043	0.044	0.045
986142	09-0108	31	W	T	F	32	106	105	101	104.0	100.0	100.0	100.0	100.0	0.060	0.053	0.047	0.053
986142	09-0108	32	E	T	F	32	106	109	102	105.7	100.0	100.0	100.0	100.0	0.051	0.047	0.048	0.049
986142	09-0108	33	W	T	F	32	94	95	94	94.3	100.0	100.0	100.0	100.0	0.046	0.048	0.049	0.048
986142	09-0108	34	E	T	F	32	100	99	100	99.7	100.0	100.0	100.0	100.0	0.044	0.047	0.052	0.048
986142	09-0108	35	W	T	F	32	78	82	82	80.7	100.0	100.0	100.0	100.0	0.036	0.038	0.036	0.037
986142	09-0108	36	E	T	F	32	87	89	89	88.3	100.0	100.0	100.0	100.0	0.042	0.020	0.030	0.031
986142	09-0108	37	W	T	F	32	89	91	91	90.3	100.0	100.0	100.0	100.0	0.038	0.033	0.036	0.036
986142	09-0108	38	E	T	F	32	95	96	99	96.7	100.0	100.0	100.0	100.0	0.045	0.039	0.042	0.042
986142	09-0108	39	W	T	F	32	97	96	94	95.7	100.0	100.0	100.0	100.0	0.045	0.043	0.042	0.043
986142	09-0108	40	E	T	F	32	98	100	98	98.7	100.0	100.0	100.0	100.0	0.046	0.046	0.046	0.046
986142	09-0108	41	W	T	F	32	96	95	100	97.0	100.0	100.0	100.0	100.0	0.048	0.042	0.043	0.044

Tuboscope

3820 POINT PLACE
MUSKOGEE, OKLAHOMA 74403-9200

CERTIFICATE OF NONDESTRUCTIVE INSPECTION

M.O. N.o. 87908 Date 2/23/2009 Unit 2 Shift 1A
W.O. / SLN M00555 / 986142

Size, Wt. 8.00" 82.68#

Inspectors:

A. Meza

Grade Q-125-1

Type Coupling Stock

Range III

End Finish P.E.

NONDESTRUCTIVE INSPECTION CRITERIA

The tubular goods identified herein were inspected in accordance with specifications indicated and the standard operating procedures of Tuboscope Vetco International. All tubular goods found acceptable were identified with a white paint band; all unacceptable tubular goods were separately identified and removed from production at the point of inspection.

Inspection Specification:

TUBOSCAN TYPE II

Tube Body: UT longitudinal
UT transverse

X

Wall Thickness

X

UT Oblique

Visual Inspection

X (87 1/2% MIN. WALL)

N/A

X

Tube Ends: Special End Area Inspection
Visual Inspection

N/A

X

Identification of
acceptable

ONE WHITE BAND, TUBOSCAN TYPE II

Total numbers of pieces acceptable

41

Authorized Signature
Title:


Division Manager
Tuboscope Vetco International

TCA Lab Certification Report

CUSTOMER: ENERGY ALLOYS
TCA M.O.#: M-087908
CUSTOMER P.O.#: 89734
DATE: 3/9/2009
ITEM: 8.000" x 82.68# x (1.125") Q125(1) Cplg Stock

AS QUENCH HARDNESS RESULTS

	QUAD 1			QUAD 2			QUAD 3			QUAD 4		
	OD	MW	ID	OD	MW	ID	OD	MW	ID	OD	MW	ID
HEAT: 986142	46.6	47.9	46.5	48.7	48.1	46.8	48.7	49.0	46.8	46.1	46.3	45.7
LOT# 09-0108	48.3	46.1	45.5	47.8	48.3	46.3	46.7	48.5	47.9	45.4	45.7	48.4
	45.9	46.3	46.1	45.3	49.2	45.8	47.4	48.4	45.3	46.5	49.4	46.3
AVG	46.9	46.8	46.0	47.3	48.5	46.3	46.9	48.0	46.7	46.0	47.1	46.1

V&M TCA Product Summary

SLN: 986142 HEAT # 986142 OD: 8.000 WALL: 1.125 GRADE: Q125(1)

CHEMICAL ANALYSIS

	C	Mn	P	S	Si	Cu	NI	Cr	Mo	Sn	Nb	V	Al	Ca	B	Ti	N	CE
HEAT	0.2601	0.47	0.011	0.001	0.23	0.16	0.12	1.01	0.5901	0	0	0.04	0.035	0	0.0018	0.022	0	0.89
PRODUCT #1	0.2601	0.46	0.012	0.001	0.24	0.16	0.11	1.02	0.5501	0.008	0	0.041	0.035	0	0.0014	0.02	0.02	0.87
PRODUCT #2	0.2601	0.47	0.012	0.001	0.24	0.15	0.11	1.02	0.5601	0.009	0	0.043	0.035	0	0.0015	0.021	0.022	0.88
PRODUCT #3																		
PRODUCT #4																		

[illegible]

SENZA TESSUTO - DEDICATO SOLO UOMO - MATERIALE SENZA MERCURIO NO RIPARAZIONI MEDIANTE SALINISTRA - MATERIALE PRODOTTO IN ACCORDO ALLA NORMA A 519 GRADO 4130 ULTIMA EDIZIONE.

I TUBI SONO STATI SOTTOPOSTI AL CONTROLLO ELETTROFISIOLOGICO, CON BASSO SODDISFACIMENTO.

TUTTI I TUBI SONO STATI CONTROLLATI CON V.B. PER LA RICERCA DI DIFFERENTI LONGITUDINALE / TRANSVERSALE INTENSI / ESTERNI (TABELLA 84), IN ACCORDO ALLA SEGG. API CON 882 E A 519 E 513, CON BASSO SODDISFACIMENTO.

I TUBI SONO STATI CONTROLLATI PER LA RICERCA DI DOWRY SPRESSORI, CON BASSO SODDISFACIMENTO.

DOPO IL CONTROLLO US, LE ESPERIMENTI NON TESTATE SONO STATE PAGATE PER 300 MC PER LA DIZIA CORRENDA.

SI DICHIARA CHE TUTTI I TUBI SONO STATI SOTTOPOSTI AL CONTROLLO DELL' UOMOLO MEDIANTE SOTTOLANALIZZAZIONE, DATA 1988E NON SONO EMERSE NEI COLMANTE DI MATERIALE.

METODO DI COLLAGGIO : COLATA CONTINUA

LAMINATI A CALDO

STRESS FREE - VACUUM DEGAUSED - NO FIELD BEHAV - MAXIMUMS HERCOTRY FREE - THE MATERIAL WAS PRODUCED ACCORDING TO ASTM A519, GRADE 4130 LAST EDITIONS.

ALL OTHERS HAVE BEEN TESTED BY ELECTROPHYSIOLOGIC TEST, WITH SATISFACTORY RESULT.

STRESS TEST - VACUUM DEGRADED - NO FIELD REPAIR - MATERIALS PERSON FILE - THE MATERIAL WAS PRODUCED ACCORDING TO ASTM A519, GRADE 4130 TEST SPECIFICATIONS.



TERNARIS GLOBAL SERVICES S.A.		Sede Social: C/Alfonso de Ercilla, 100 20043 Acero (Bil) - E-48940	
Código de barras: 08/14210		Fecha de emisión: 01/10/2008	
Código de barras: 002/003		Fecha de emisión: 01/10/2008	
Código de barras: 3241492/001		Fecha de emisión: 01/10/2008	
Código de barras: 00030033 - 01/10/2008		Fecha de emisión: 01/10/2008	

TERNARIS GLOBAL SERVICES S.A.		Sede Social: C/Alfonso de Ercilla, 100 20043 Acero (Bil) - E-48940	
Código de barras: 08/14210		Fecha de emisión: 01/10/2008	
Código de barras: 002/003		Fecha de emisión: 01/10/2008	
Código de barras: 3241492/001		Fecha de emisión: 01/10/2008	
Código de barras: 00030033 - 01/10/2008		Fecha de emisión: 01/10/2008	

TERNARIS GLOBAL SERVICES S.A.		Sede Social: C/Alfonso de Ercilla, 100 20043 Acero (Bil) - E-48940	
Código de barras: 08/14210		Fecha de emisión: 01/10/2008	
Código de barras: 002/003		Fecha de emisión: 01/10/2008	
Código de barras: 3241492/001		Fecha de emisión: 01/10/2008	
Código de barras: 00030033 - 01/10/2008		Fecha de emisión: 01/10/2008	

TERNARIS GLOBAL SERVICES S.A.		Sede Social: C/Alfonso de Ercilla, 100 20043 Acero (Bil) - E-48940	
Código de barras: 08/14210		Fecha de emisión: 01/10/2008	
Código de barras: 002/003		Fecha de emisión: 01/10/2008	
Código de barras: 3241492/001		Fecha de emisión: 01/10/2008	
Código de barras: 00030033 - 01/10/2008		Fecha de emisión: 01/10/2008	





Via Achille Grandi, 100
20043 Arcore (Mi) - It
+ 39 039 66 50 1 tel
+ 39 039 5013 539 fax

3241492/001
-AVVISO DI ESPILLOZIONE/ST

00030033 - 01/10/2008

FALL
693,70

100

QUALITY SERVICE

STEFANO OTT

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1000

Olivier, Dale J

From: Barrowman, Stuart (Houston) [Stuart_Barrowman@nexeninc.com]
Sent: Friday, January 22, 2010 9:53 AM
To: Olivier, Dale J
Cc: Richard Schexnayder; Thomas, Joe (Houston)
Subject: FW: MTR's NEXEN Knotty Head
Attachments: 986142 89734 Q125_20091116074441.pdf

Dale,

The material meets API requirements.

Third Party is Oilwell Tubular Consultants. Contact is Richard Schexnayder (281-328-6220)

Best Regards,

Stuart Barrowman
QA/QC Manager
GoM Deepwater D&C

Nexen Petroleum U.S.A. Inc.
2000 West Sam Houston Parkway
Suite 400
Houston, TX. 77042

(O) 713-341-2840
(M) 832-247-5909

Email: Stuart_Barrowman@nexeninc.com

"There are countless ways of achieving greatness, but any road to achieving one's maximum potential must be built on bedrock of respect for the individual, commitment to excellence, and a rejection of mediocrity."

From: Olivier, Dale J [mailto:Dale.Olivier@weatherford.com]
Sent: Thursday, January 21, 2010 4:16 PM
To: Barrowman, Stuart (Houston)
Subject: MTR's NEXEN Knotty Head

Stuart,

I have MTR's attached for
6 each 7" HYD 513 32# HCQ-125 Centralizer Subs
2 each 7" HYD 513 32# HCQ-125 Float Collars
1 each 7" HYD 513 32# HCQ-125 Guide Shoe
For NEXEN deepwater
Green Canyon 512 #2
Knotty Head #2

We will start production tomorrow, do you know who the TPI will be?

Regards,
Dale J. Olivier
Quality Control Supervisor
Weatherford Houma Manufacturing
Schriever, La.
985-493-6135
dale.olivier@weatherford.com

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1/22/2010

WFT-MDL-00003258

GROUT Q.C. REPORT FORM BATCH # 2979

BATCHED BY: Russell

DATE: 2-2-2010

Q.C. TEST BY: _____

TIME: 1:00 AM

MOLDS USED: 501

SPECIMEN	DATE TESTED	TOTAL LOADS (LBS)	COMP (PSI) STRENGTH	TEST BY	MIX
1	2-3	30,024	7,504	MB	3 Bag Rock
2	2-5	37,021	9,255	MB	6 SCL
3	2-9	40,726	10,182	MB	

COMMENTS: Never

7 HYDL M45 AP

② 7 Hydrel 513 M45AP WD#27824121

WG941014 REV A

BAZET PRINTING, INC. 985-868-6868

~~5430~~
5430 572