



P.O. Box 1035
Nisku AB T9E 8A8
Phone: (780) 719-7341
john@xspectndt.com

DRILL PIPE INSPECTION TALLY SHEET

Customer: Brothers HDD

Pipe Description Drill Pipe

Rig No.:		Work Order #: 2411-013		80% New Wall Thickness: 0.332 inches		Nominal Wall Thickness: 0.415 inches		O.D Size: 139.7 mm																											
Location: X-Spect Shop (Nisku)		PO/AFE:		Minimum Box Shoulder: 6		Connection: 5 1/2" FH		Grade: S-135																											
Oil Company:		Job/Inv No.: JOB#		New Tool Joint OD: 190.5		Inspected By:J. Maygard		Weight: 36.76 kg/m																											
Date: 12/13/2024		LSD :		Min Tool Joint OD: 178.5																															
O R D E R	Tube																			Box Tool Joint Inspection								Pin Tool Joint Inspection							
	Serial No.	Tube Class	Slip Wear	O.D. Damage	B	Coating Cond.	Tube Damage	Ultrasonic Wall Reading				Comments	Box OD	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Box Reface	Hardbanding Condition	Box Class	Pin OD	Pin ID	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Pin Reface	HD Cond	Pin Class	Joint Length	Usable Joint				
								1	2	3	4																								
	1	62C719	P						0.343				87F1221		188			XTR			Good		183					Galled	Yes	Good					
Average:		0				0		0.343	0.000	0.000	0.000			188	0	0					183	0	0	0											

THREAD / SEAL DAMAGES

BELL - Belled	GTH - Galled Thread	PTH - Pitted Thread	UOD - Undersized OD
CH - Chain	LTL - Long Thread Length	SH - String Shot	WS - Washed Seal
CRK - Crack	MS - Mashed Seal	STL - Short Thread Length	WRN - Worn
DS - Damaged Seal	MYH - Mashed Thread	STRTH - Stretched Thread	WTH - Washed Thread
DTH - Damaged Thread	NB - No Bevel	STS - Stabbed Seal	
ED - Excessive Damage	OT - Over Torqued	T - Tapered	
GS - Galled Seal	PS - Pitted Sea	TRN - Torn	

TUBE DAMAGES

CR - Cracked	CG - Cut & Gouges
MT - Mashed Tube	LW - Low Wall
P - Pitting	SH - String Shot
W - Wear	

SERVICES PERFORMED

Brothers Hdd Spec.



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Location: X-Spect(Nisku)	PO/AFE:	Minimum Box Shoulder: 6	Connection: DS-55	Grade: S-135
Oil Company:	Job/Inv No.: JOB#	New Tool Joint OD: 190.5	Inspected By: J. Maygard	Weight: 36.76 kg/m
Date: 12/17/2024	LSD :	Min Tool Joint OD: 178.5		

R D E R	Serial No.	Tube										Box Tool Joint Inspection							Pin Tool Joint Inspection														
		Tube Class	Slip Wear	O.D. Damage	B	Coating Cond.	Tube Damage	Ultrasonic Wall Reading				Comments	Box OD	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Box Reface	Hardbanding Condition	Box Class	Pin OD	Pin ID	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Pin Reface	HD Cond	Pin Class	Joint Length	Usable Joint		
								1	2	3	4																						
1	E26	P				Poor		0.428						183			XTR			Poor		183				XTR				Good			
2	GB5315	P				Fair		0.398						189						Good		188							Good				
3	JC1362	P				Fair		0.415						188			XTR			Poor		189							Good				
4	IF1653	P				Poor		0.418						190						Poor		190							Good				
5	GR5294	P				Fair		0.413						188						Poor		185				XTR			Good				
6	GB5191	P				Fair		0.421						189						Good		189							Good				
7	JC1331	P				Fair		0.424						190						Poor		190							Good				
8	IF1555	P				Fair		0.413						188						Good		188							Good				
9	IF1495	P				Fair		0.411						190						Good		190							Good				
Average:		0				0		0.416	0.000	0.000	0.000			188	0	0						188	0	0	0								

THREAD / SEAL DAMAGES

BELL - Belled	GTH - Galled Thread	PTH - Pitted Thread	UOD - Undersized OD
CH - Chain	LTL - Long Thread Length	SH - String Shot	WS - Washed Seal
CRK - Crack	MS - Mashed Seal	STL - Short Thread Length	WRN - Worn
DS - Damaged Seal	MYH - Mashed Thread	STRTH - Stretched Thread	WTH - Washed Thread
DTH - Damaged Thread	NB - No Bevel	STS - Stabbed Seal	
ED - Excessive Damage	OT - Over Torqued	T - Tapered	
GS - Galled Seal	PS - Pitted Sea	TRN - Torn	

TUBE DAMAGES

CR - Cracked	CG - Cut & Gouges
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P - Pitting	SH - String Shot
W - Wear	

SERVICES PERFORMED

Brothers Hdd Spec



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DRILL PIPE INSPECTION TALLY SHEET

Customer: Brothers HDD

Pipe Description Drill Pipe

Rig No.:	Work Order #: 2411-013	80% New Wall Thickness: 0.290 inches	Nominal Wall Thickness: 0.362 inches	O.D Size: 168.3 mm
Location: X-Spect Shop (Nisku)	PO/AFE:	Minimum Box Shoulder: 6	Connection: DS-65	Grade: S-135
Oil Company:	Job/Inv No.: JOB#	New Tool Joint OD: 215.9	Inspected By: J. Maygard	Weight: 41.22 kg/m
Date: 12/13/2024	LSD :	Min Tool Joint OD: 203.2		

ORDER	Serial No.	Tube										Box Tool Joint Inspection								Pin Tool Joint Inspection												
		Tube Class	Slip Wear	O.D. Damage	B	Coating Cond.	Tube Damage	Ultrasonic Wall Reading				Comments	Box OD	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Box Reface	Hardbanding Condition	Box Class	Pin OD	Pin ID	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Pin Reface	HD Cond	Pin Class	Joint Length	Usable Joint	
								1	2	3	4																					
1	HH1008					Poor		0.354						211				Galled		Good	SG	211							Good			
Average:		0				0		0.354	0.000	0.000	0.000			211	0	0						211	0	0	0							

THREAD / SEAL DAMAGES

BELL - Belled	GTH - Galled Thread	PTH - Pitted Thread	UOD - Undersized OD
CH - Chain	LTL - Long Thread Length	SH - String Shot	WS - Washed Seal
CRK - Crack	MS - Mashed Seal	STL - Short Thread Length	WRN - Worn
DS - Damaged Seal	MYH - Mashed Thread	STRTH - Stretched Thread	WTH - Washed Thread
DTH - Damaged Thread	NB - No Bevel	STS - Stabbed Seal	
ED - Excessive Damage	OT - Over Torqued	T - Tapered	
GS - Galled Seal	PS - Pitted Sea	TRN - Torn	

TUBE DAMAGES

CR - Cracked	CG - Cut & Gouges
MT - Mashed Tube	LW - Low Wall
P - Pitting	SH - String Shot
W - Wear	

SERVICES PERFORMED

- Brothers Hdd Spec.



X-Spect Oilfield NDT Ltd.

1105-11St Nisku T9E 8A8

Ph: 780-669-8637

DRILL PIPE INSPECTION TALLY SHEET

Customer: Brothers HDD

Pipe Description DRILL PIPE

Rig No.: Pipe from France	Work Order #: 2601-016	80% New Wall Thickness: 0.290 inches	Nominal Wall Thickness: 0.362 inches	O.D Size: 127 mm
Location: X-Spect Yard (Nisku)	PO/AFE:	Minimum Box Shoulder: 11	Connection: 4 1/2 IF	Grade: S-135
Oil Company:	Job/Inv No.: JOB#	New Tool Joint OD: 168	Inspected By: C.Richardson	Weight: 29.02 kg/m
Date: 1/14/2026	LSD :	Min Tool Joint OD: 160		

O R D E R	Serial No.	Tube										Box Tool Joint Inspection								Pin Tool Joint Inspection											
		Tube Class	Slip Wear	O.D. Damage	B	Coating Cond.	Tube Damage	Ultrasonic Wall Reading				Comments	Box OD	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Box Reface	Hardbanding Condition	Box Class	Pin OD	Pin ID	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Pin Reface	HD Cond	Pin Class	Joint Length	Usable Joint
								1	2	3	4																				
1		P						0.373					166				Galled	Yes	TS	SG	166					Galled	Yes	TS	SG		
2		P						0.367					167						TS		167				Sta				DG		
3		P						0.380					168						TS		168				XTR	Galled	Yes	TS	SG		
4		P						0.369					167			XTR	Galled	Yes	TS	SG	168				XTR	Galled	Yes	TS	SG		
5		P						0.368					167				Galled	Yes	TS	SG	166							TS			
6		P						0.356					167			XTR			TS		167				XTR	Galled	Yes	TS	SG		
7		P						0.367					167				Galled	Yes	TS	SG	167					Galled	Yes	TS	SG		
8		P						0.365					167				Galled	Yes	TS	SG	167					Galled	Yes	TS	SG		
9		P						0.370					168			XTR	bbing Dam	Yes	TS	SG	168							TS			
10		4						0.372				Milled over Box End	167			XTR	Galled	No	TS	R	167							TS			
11		P						0.372					166				Galled	Yes	TS	SG	166				Sta				DG		
12		P						0.356					166			XTR	Galled	Yes	TS	SG	166					Galled	Yes		SG		
13		P						0.373					167			XTR	Galled	Yes	TS	SG	167					Galled	Yes		SG		
14		P						0.369					166			XTR	Galled	Yes	TS	SG	166					Galled	Yes	TS	SG		
15		P						0.368				IN EXCESS OF 1/32	168				Galled	No	TS	DG	167							TS			
16		P						0.370					168			XTR	Galled	Yes	TS	SG	167					Galled	Yes	TS	SG		
17		P						0.355					168			XTR	Galled	Yes	TS	SG	167				Str			TS	DG		
18		P						0.352					167			XTR	Galled	Yes	TS	SG	167				XTR			TS			

THREAD / SEAL DAMAGES

BELL - Belled	GTH - Galled Thread	PTH - Pitted Thread	UOD - Undersized OD
CH - Chain	LTL - Long Thread Length	SH - String Shot	WS - Washed Seal
CRK - Crack	MS - Mashed Seal	STL - Short Thread Length	WRN - Worn
DS - Damaged Seal	MYH - Mashed Thread	STRTH - Stretched Thread	WTH - Washed Thread
DTH - Damaged Thread	NB - No Bevel	STS - Stabbed Seal	
ED - Excessive Damage	OT - Over Torqued	T - Tapered	
GS - Galled Seal	PS - Pitted Sea	TRN - Torn	

TUBE DAMAGES

CR - Cracked	CG - Cut & Gouges
MT - Mashed Tube	LW - Low Wall
P - Pitting	SH - String Shot
W - Wear	

SERVICES PERFORMED

Brothers Spec.



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DRILL PIPE INSPECTION TALLY SHEET

Customer: Brothers HDD

Pipe Description DRILL PIPE

Rig No.: Pipe from France	Work Order #: 2601-016	80% New Wall Thickness: 0.290 inches	Nominal Wall Thickness: 0.362 inches	O.D Size: 127 mm
Location: X-Spect Yard (Nisku)	PO/AFE:	Minimum Box Shoulder: 11	Connection: 4 1/2 IF	Grade: S-135
Oil Company:	Job/Inv No.: JOB#	New Tool Joint OD: 168	Inspected By: C.Richardson	Weight: 29.02 kg/m
Date: 1/14/2026	LSD :	Min Tool Joint OD: 160		

O R D E R	Serial No.	Tube										Box Tool Joint Inspection								Pin Tool Joint Inspection												
		Tube Class	Slip Wear	O.D. Damage	B	Coating Cond.	Tube Damage	Ultrasonic Wall Reading				Comments	Box OD	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Box Reface	Hardbanding Condition	Box Class	Pin OD	Pin ID	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Pin Reface	HD Cond	Pin Class	Joint Length	Usable Joint	
								1	2	3	4																					
19		P						0.376					IN EXCESS OF 1/32	167				Galled	No	TS	DG	167					Galled	Yes	TS	SG		
20		P						0.366						165			XTR	Galled	Yes	TS	SG	169					Galled	Yes		SG		
21		P						0.376						167			XTR			TS		167							TS			
22		P						0.361						167			XTR	Galled	Yes	TS	SG	167							TS			
23		P						0.365						167			XTR	Galled	Yes	TS	SG	167										
24		P						0.372						167			XTR			TS		168							TS			
25		P						0.369						167			XTR			TS		168				XTR						
26		P						0.372						167			XTR			TS		168					Galled	Yes	TS	SG		
27		P						0.356						167			XTR	Galled	Yes	TS	SG	167							TS			
28		P						0.368						166			XTR	Galled	Yes	TS	SG	167							TS			
29		P						0.351						166				Galled	Yes	TS	SG	167										
30		P						0.375						166			XTR	Galled	Yes	TS	SG	166							TS			
31		P						0.358					IN EXCESS OF 1/32	166				Galled	No	TS	DG	166							TS			
32		P						0.375					IN EXCESS OF 1/32	167				Galled	No	TS	DG	168					Galled	Yes	TS	SG		
33		P						0.373						167			XTR	Galled	Yes	TS	SG	167										
34		P						0.359						167			XTR	Galled	Yes	TS	SG	168							TS			
35		P						0.343						167			XTR	Galled	Yes	TS	SG	166					Galled	Yes		SG		
36		P						0.359						166			XTR	Galled	Yes	TS	SG	167							TS			

THREAD / SEAL DAMAGES

BELL - Belled	GTH - Galled Thread	PTH - Pitted Thread	UOD - Undersized OD
CH - Chain	LTL - Long Thread Length	SH - String Shot	WS - Washed Seal
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Location: X-Spect Yard (Nisku)	PO/AFE:	Minimum Box Shoulder: 11	Connection: 4 1/2 IF	Grade: S-135
Oil Company:	Job/Inv No.: JOB#	New Tool Joint OD: 168	Inspected By: C. Richardson	Weight: 29.02 kg/m
Date: 1/14/2026	LSD :	Min Tool Joint OD: 160		

R D E R	Serial No.	Tube										Box Tool Joint Inspection								Pin Tool Joint Inspection												
		Tube Class	Slip Wear	O.D. Damage	B	Coating Cond.	Tube Damage	Ultrasonic Wall Reading				Comments	Box OD	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Box Reface	Hardbanding Condition	Box Class	Pin OD	Pin ID	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Pin Reface	HD Cond	Pin Class	Joint Length	Usable Joint	
								1	2	3	4																					
37		P						0.374					IN EXCESS OF 1/32	167				Galled	No	TS	DG	167							TS			
38		P						0.365						167			XTR	Galled	Yes	TS	SG	168							TS			
39		P						0.357						167			XTR			TS		167							TS			
40		P						0.365						166			XTR	Galled	Yes	TS	SG	167							TS			
41		P						0.361						167			XTR	Galled	Yes	TS	SG	167							TS			
42		P						0.373						167				Galled	Yes	TS	SG	167										
43		P						0.385						167			XTR	Chain Mark	Yes	TS	SG	166				Wor			TS	DG		
44		P						0.376						167			XTR	Galled	Yes	TS	SG	167				XTR			TS			
45		P						0.375						167			XTR	Galled	Yes	TS	SG	167							TS			
46		P						0.372						168			XTR			TS		167							TS			
47		P						0.377						167			XTR	Galled	Yes	TS	SG	167										
48		P						0.372						167			XTR	Jobbing Dam	Yes	TS	SG	167							TS			
49		P						0.372						167				Galled	Yes	TS	SG	167					Galled	Yes	TS	SG		
50		P						0.362						164				Galled	Yes	TS	SG	168							TS			
51		P						0.359						167			XTR	Galled	Yes	TS	SG	167							TS			
52		P						0.353						167			XTR			TS		168							TS			
53		P						0.360					IN EXCESS OF 1/32	167				Jobbing Dam	No	TS	DG	166							TS			
54		P						0.362						166			XTR	Galled	Yes	TS	SG	166							TS			

THREAD / SEAL DAMAGES

BELL - Belled	GTH - Galled Thread	PTH - Pitted Thread	UOD - Undersized OD
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		Tube Class	Slip Wear	O.D. Damage	B	Coating Cond.	Tube Damage	Ultrasonic Wall Reading				Comments	Box OD	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Box Reface	Hardbanding Condition	Box Class	Pin OD	Pin ID	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Pin Reface	HD Cond	Pin Class	Joint Length	Usable Joint		
								1	2	3	4																						
55		P						0.361					IN EXCESS OF 1/32	166				Jobbing Dam	No	TS	DG	166						Galled	Yes	TS	SG		
56		P						0.360					IN EXCESS OF 1/32	165				Galled	No	TS	DG	166						Galled	Yes	TS	SG		
57		P						0.359						165				Galled	Yes	TS	SG	165								TS			
58		P						0.360						166			XTR	Galled	Yes	TS	SG	166								TS			
59		P						0.363						165			XTR	Galled	Yes	TS	SG	164								TS			
60		P						0.344						166			XTR	Galled	Yes	TS	SG	167								TS			
61		P						0.365						167				Galled	Yes	TS	SG	167				XTR				TS			
62		P						0.359						165				Galled	Yes	TS	SG	165								TS			
63		P						0.373					IN EXCESS OF 1/32	165				Galled	No	TS	DG	167											
64		P						0.359						165				Galled	Yes	TS	SG	163											
65		P						0.370					IN EXCESS OF 1/32	167				Galled	No	TS	DG	166								TS			
66		P						0.364						167			XTR	Galled	Yes	TS	SG	167											
67		P						0.390						167			XTR	Galled	Yes	TS	SG	167								TS			
68		P						0.370					IN EXCESS OF 1/32	167				Galled	No	TS	DG	167					Galled	Yes	TS	SG			
69		P						0.368					IN EXCESS OF 1/32	167				Galled	No	TS	DG	165								TS			
70		P						0.362						167			XTR	Galled	Yes	TS	SG	166								TS			
71		P						0.360						166			XTR	Galled	Yes	TS	SG	167											
72		P						0.378						167				Galled	Yes	TS	SG	165								TS			

THREAD / SEAL DAMAGES

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Oil Company:	Job/Inv No.: JOB#	New Tool Joint OD: 168	Inspected By: C.Richardson	Weight: 29.02 kg/m
Date: 1/14/2026	LSD :	Min Tool Joint OD: 160		

ORDER	Serial No.	Tube										Box Tool Joint Inspection										Pin Tool Joint Inspection									
		Tube Class	Slip Wear	O.D. Damage	B	Coating Cond.	Tube Damage	Ultrasonic Wall Reading				Comments	Box OD	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Box Reface	Hardbanding Condition	Box Class	Pin OD	Pin ID	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Pin Reface	HD Cond	Pin Class	Joint Length	Usable Joint
								1	2	3	4																				
73		P						0.368					167						TS		167								TS		
74		P						0.379				IN EXCESS OF 1/32	167				Galled	No	TS	DG	166								TS		
75		P						0.378					167			Wor			TS	DG	167								TS		
76		P						0.381					167				Galled	Yes	TS	SG	167								TS		
77		P						0.360					167				Galled	Yes	TS	SG	167										
78		4						0.370				Milled Over	167						TS	R	167										
79		P						0.375					167				Galled	Yes	TS	SG	167								TS		
80		P						0.362					167				Jobbing Dam	Yes	TS	SG	165					Galled	Yes		SG		
81		P						0.363				IN EXCESS OF 1/32	166				Galled	No	TS	DG	167								TS		
82		P						0.382					167				Galled	Yes	TS	SG	167								TS		
83		P						0.369				IN EXCESS OF 1/32	166				Galled	No	TS	DG	166								TS		
84		P						0.382					167				Galled	Yes	TS	SG	168								TS		
85		P						0.343				IN EXCESS OF 1/32	166				Galled	No	TS	DG	167								TS		
86		P						0.374					168			XTR			TS		168								TS		
87		P						0.362					165						TS		165										
88		P						0.343					168						TS		167								TS		
89		P						0.373				IN EXCESS OF 1/32	167				Galled	No	TS	DG	167								TS		
90		P						0.373				IN EXCESS OF 1/32	168				Galled	No	TS	DG	167								TS		

THREAD / SEAL DAMAGES

BELL - Belled
CH - Chain
CRK - Crack
DS - Damaged Seal
DTH - Damaged Thread
ED - Excessive Damage
GS - Galled Seal
GTH - Galled Thread
LTL - Long Thread Length
MS - Mashed Seal
MYH - Mashed Thread
NB - No Bevel
OT - Over Torqued
PS - Pitted Sea
PTH - Pitted Thread
SH - String Shot
STL - Short Thread Length
STRTH - Stretched Thread
STS - Stabbed Seal
T - Tapered
TRN - Torn
UOD - Undersized OD
WS - Washed Seal
WRN - Worn
WTH - Washed Thread

TUBE DAMAGES

CR - Cracked
MT - Mashed Tube
P - Pitting
W - Wear
CG - Cut & Gouges
LW - Low Wall
SH - String Shot

SERVICES PERFORMED

Brothers Spec.



X-Spect Oilfield NDT Ltd.

1105-11St Nisku T9E 8A8

Ph: 780-669-8637

DRILL PIPE INSPECTION TALLY SHEET

Customer: Brothers HDD

Pipe Description DRILL PIPE

Rig No.: Pipe from France	Work Order #: 2601-016	80% New Wall Thickness: 0.290 inches	Nominal Wall Thickness: 0.362 inches	O.D Size: 127 mm
Location: X-Spect Yard (Nisku)	PO/AFE:	Minimum Box Shoulder: 11	Connection: 4 1/2 IF	Grade: S-135
Oil Company:	Job/Inv No.: JOB#	New Tool Joint OD: 168	Inspected By: C.Richardson	Weight: 29.02 kg/m
Date: 1/14/2026	LSD :	Min Tool Joint OD: 160		

R D E R	Serial No.	Tube										Box Tool Joint Inspection								Pin Tool Joint Inspection												
		Tube Class	Slip Wear	O.D. Damage	B	Coating Cond.	Tube Damage	Ultrasonic Wall Reading				Comments	Box OD	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Box Reface	Hardbanding Condition	Box Class	Pin OD	Pin ID	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Pin Reface	HD Cond	Pin Class	Joint Length	Usable Joint	
								1	2	3	4																					
91		P						0.378						167					TS			167							TS			
92		P						0.370						168				Galled	Yes	TS	SG	167							TS			
93		P			Y			0.377						167			XTR	Galled	Yes	TS	SG	167							TS			
94		P						0.373				IN EXCESS OF 1/32	167				Galled	No	TS	DG	167							TS				
95		P						0.377					167				Galled	Yes	TS	SG	167					Galled	Yes	TS	SG			
96		P						0.378					166			XTR	Sealing Dam	Yes	TS	SG	167							TS				
97		P						0.353					166			XTR	Galled	Yes	TS	SG	166							TS				
98		P						0.383				IN EXCESS OF 1/32	167				Galled	No	TS	DG	167											
99		P						0.395				IN EXCESS OF 1/32	168				Galled	No	TS	DG	167											
100		P						0.376				IN EXCESS OF 1/32	167				Galled	No	TS	DG	167							TS				
101		P						0.391				IN EXCESS OF 1/32	168				Galled	No	TS	DG	168							TS				
102		P						0.392				IN EXCESS OF 1/32	167				Galled	No	TS	DG	166				Galled	Yes	TS	SG				
103		P						0.371					167				Galled	Yes	TS	SG	167							TS				
104		P						0.376					167						TS		167							TS				
105		P						0.365					166			Wor			TS	DG	164							TS				
106		P						0.375					165				Chain Mark	Yes	TS	SG	165				Galled	Yes		SG				
107		P						0.370					167			XTR			TS		167							TS				
108		P						0.353				IN EXCESS OF 1/32	167				Galled	No	TS	DG	165							TS				

THREAD / SEAL DAMAGES

BELL - Belled	GTH - Galled Thread	PTH - Pitted Thread	UOD - Undersized OD
CH - Chain	LTL - Long Thread Length	SH - String Shot	WS - Washed Seal
CRK - Crack	MS - Mashed Seal	STL - Short Thread Length	WRN - Worn
DS - Damaged Seal	MYH - Mashed Thread	STRTH - Stretched Thread	WTH - Washed Thread
DTH - Damaged Thread	NB - No Bevel	STS - Stabbed Seal	
ED - Excessive Damage	OT - Over Torqued	T - Tapered	
GS - Galled Seal	PS - Pitted Seal	TRN - Torn	

TUBE DAMAGES

CR - Cracked	CG - Cut & Gouges
MT - Mashed Tube	LW - Low Wall
P - Pitting	SH - String Shot
W - Wear	

SERVICES PERFORMED

Brothers Spec.



X-Spect Oilfield NDT Ltd.

1105-11St Nisku T9E 8A8

Ph: 780-669-8637

DRILL PIPE INSPECTION TALLY SHEET

Customer: Brothers HDD

Pipe Description DRILL PIPE

Rig No.: Pipe from France	Work Order #: 2601-016	80% New Wall Thickness: 0.290 inches	Nominal Wall Thickness: 0.362 inches	O.D Size: 127 mm
Location: X-Spect Yard (Nisku)	PO/AFE:	Minimum Box Shoulder: 11	Connection: 4 1/2 IF	Grade: S-135
Oil Company:	Job/Inv No.: JOB#	New Tool Joint OD: 168	Inspected By: C.Richardson	Weight: 29.02 kg/m
Date: 1/14/2026	LSD :	Min Tool Joint OD: 160		

O R D E R	Serial No.	Tube										Box Tool Joint Inspection										Pin Tool Joint Inspection									
		Tube Class	Slip Wear	O.D. Damage	B	Coating Cond.	Tube Damage	Ultrasonic Wall Reading				Comments	Box OD	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Box Reface	Hardbanding Condition	Box Class	Pin OD	Pin ID	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Pin Reface	HD Cond	Pin Class	Joint Length	Usable Joint
								1	2	3	4																				
109		P						0.363				IN EXCESS OF 1/32	167				Galled	No	TS	DG	166										
110		P						0.379				IN EXCESS OF 1/32	167				Galled	No	TS	DG	167										
111		P						0.373					166				Galled	Yes	TS	SG	166							TS			
112		P						0.389					166			Wor			TS	DG	168							TS			
113		P						0.365					167				Galled	Yes	TS	SG	167				Str			TS	DG		
114		P						0.358					167				Galled	Yes	TS	SG	167				XTR	Galled	Yes	TS	SG		
115		P						0.361					167			XTR	Galled	Yes	TS	SG	166					Galled	Yes		SG		
116		P						0.383				IN EXCESS OF 1/32	167				Galled	Yes	TS	SG	167					Galled	No	TS	DG		
117		P						0.369					167				Galled	Yes	TS	SG	166							TS			
118		P						0.378					167				Galled	Yes	TS	SG	167							TS			
119		P						0.382					167			XTR	Galled	Yes	TS	SG	167							TS			
120		P						0.353					165				Galled	Yes	TS	SG	165							TS			
121		P						0.379					167						TS		167				Str			TS	DG		
122		P						0.383				IN EXCESS OF 1/32	166				Galled	No	TS	DG	167							TS			
123		P						0.372									Galled	Yes	TS	SG	168					Galled	Yes	TS	SG		
124		P						0.365					168			XTR	Galled	Yes	TS	SG	168				Str			TS	DG		
125		P						0.341					167						TS		166							TS			
126		P						0.369					168						TS		168							TS			

THREAD / SEAL DAMAGES

BELL - Belled	GTH - Galled Thread	PTH - Pitted Thread	UOD - Undersized OD
CH - Chain	LTL - Long Thread Length	SH - String Shot	WS - Washed Seal
CRK - Crack	MS - Mashed Seal	STL - Short Thread Length	WRN - Worn
DS - Damaged Seal	MYH - Mashed Thread	STRTH - Stretched Thread	WTH - Washed Thread
DTH - Damaged Thread	NB - No Bevel	STS - Stabbed Seal	
ED - Excessive Damage	OT - Over Torqued	T - Tapered	
GS - Galled Seal	PS - Pitted Sea	TRN - Torn	

TUBE DAMAGES

CR - Cracked	CG - Cut & Gouges
MT - Mashed Tube	LW - Low Wall
P - Pitting	SH - String Shot
W - Wear	

SERVICES PERFORMED

Brothers Spec.



X-Spect Oilfield NDT Ltd.

1105-11St Nisku T9E 8A8
Ph: 780-669-8637

DRILL PIPE INSPECTION TALLY SHEET

Customer: Brothers HDD

Pipe Description DRILL PIPE

Rig No.: Pipe from France	Work Order #: 2601-016	80% New Wall Thickness: 0.290 inches	Nominal Wall Thickness: 0.362 inches	O.D Size: 127 mm
Location: X-Spect Yard (Nisku)	PO/AFE:	Minimum Box Shoulder: 11	Connection: 4 1/2 IF	Grade: S-135
Oil Company:	Job/Inv No.: JOB#	New Tool Joint OD: 168	Inspected By: C.Richardson	Weight: 29.02 kg/m
Date: 1/14/2026	LSD :	Min Tool Joint OD: 160		

ORDER	Serial No.	Tube										Box Tool Joint Inspection										Pin Tool Joint Inspection									
		Tube Class	Slip Wear	O.D. Damage	B	Coating Cond.	Tube Damage	Ultrasonic Wall Reading				Comments	Box OD	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Box Reface	Hardbanding Condition	Box Class	Pin OD	Pin ID	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Pin Reface	HD Cond	Pin Class	Joint Length	Usable Joint
								1	2	3	4																				
127		P						0.366					167				Galled	Yes	TS	SG	167										
128		P						0.372					167			XTR	Galled	Yes	TS	SG	166							TS			
129		P						0.367					167			XTR	Galled	Yes	TS	SG	168										
130		P						0.371					167			XTR	Galled	Yes	TS	SG	167				Galled	Yes	TS	SG			
131		P						0.373					168				Galled	Yes	TS	SG	168				Galled	Yes	TS	SG			
132		P						0.353				IN EXCESS OF 1/32	167				Galled	No	TS	DG	165				Galled	Yes	TS	SG			
133		P						0.370					167						TS		167						TS				
134		P						0.355				IN EXCESS OF 1/32	167				Galled	No	TS	DG	167						TS				
135		P						0.353				IN EXCESS OF 1/32	167				Galled	No	TS	DG	166						TS				
136		P						0.380					167				Galled	Yes	TS	SG	167				Galled	Yes		SG			
137		P						0.363					166						TS		167										
138		P						0.360				IN EXCESS OF 1/32	165				Galled	No	TS	DG	158								B		
139		P						0.356					165			XTR			TS		165				Str			TS	DG		
140		P						0.381					166				Galled	Yes	TS	SG	166						TS				
141		P						0.356					168				Galled	Yes	TS	SG	168						TS				
142		P						0.373					167				Galled	Yes	TS	SG	168						TS				
143		P						0.362					167				Galled	Yes	TS	SG	167				Galled	Yes	TS	SG			
144		P						0.377					168			XTR			TS		168						TS				

THREAD / SEAL DAMAGES

BELL - Belled	GTH - Galled Thread	PTH - Pitted Thread	UOD - Undersized OD
CH - Chain	LTL - Long Thread Length	SH - String Shot	WS - Washed Seal
CRK - Crack	MS - Mashed Seal	STL - Short Thread Length	WRN - Worn
DS - Damaged Seal	MYH - Mashed Thread	STRTH - Stretched Thread	WTH - Washed Thread
DTH - Damaged Thread	NB - No Bevel	STS - Stabbed Seal	
ED - Excessive Damage	OT - Over Torqued	T - Tapered	
GS - Galled Seal	PS - Pitted Sea	TRN - Torn	

TUBE DAMAGES

CR - Cracked	CG - Cut & Gouges
MT - Mashed Tube	LW - Low Wall
P - Pitting	SH - String Shot
W - Wear	

SERVICES PERFORMED

Brothers Spec.



X-Spect Oilfield NDT Ltd.

1105-11St Nisku T9E 8A8

Ph: 780-669-8637

DRILL PIPE INSPECTION TALLY SHEET

Customer: Brothers HDD

Pipe Description DRILL PIPE

Rig No.: Pipe from France	Work Order #: 2601-016	80% New Wall Thickness: 0.290 inches	Nominal Wall Thickness: 0.362 inches	O.D Size: 127 mm
Location: X-Spect Yard (Nisku)	PO/AFE:	Minimum Box Shoulder: 11	Connection: 4 1/2 IF	Grade: S-135
Oil Company:	Job/Inv No.: JOB#	New Tool Joint OD: 168	Inspected By: C. Richardson	Weight: 29.02 kg/m
Date: 1/14/2026	LSD :	Min Tool Joint OD: 160		

R D E R	Serial No.	Tube										Box Tool Joint Inspection							Pin Tool Joint Inspection													
		Tube Class	Slip Wear	O.D. Damage	B	Coating Cond.	Tube Damage	Ultrasonic Wall Reading				Comments	Box OD	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Box Reface	Hardbanding Condition	Box Class	Pin OD	Pin ID	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Pin Reface	HD Cond	Pin Class	Joint Length	Usable Joint	
								1	2	3	4																					
145		P						0.369						167			XTR			TS		168							TS			
146		P						0.381						167			XTR	Galled	Yes	TS	SG	168							TS			
147		P						0.360				IN EXCESS OF 1/32	168			XTR	Galled	Yes	TS	SG	168					Galled	No	TS	DG			
148		P						0.369				IN EXCESS OF 1/32	166				Galled	No	TS	DG	167					Galled	Yes	TS	SG			
149		P						0.389				IN EXCESS OF 1/32	168				Galled	No	TS	DG	168							TS				
150		P						0.374					166				Galled	Yes	TS	SG	167											
151		P						0.362					167				Galled	Yes	TS	SG	167								TS			
152		P						0.349					167				Galled	Yes	TS	SG	167								TS			
153		P						0.360					168			XTR	Galled	Yes	TS	SG	168								TS			
154		P						0.359					167				Galled	Yes	TS	SG	167								TS			
155		P						0.371					166				Galled	Yes	TS	SG	166								TS			
156		P						0.361					165				Galled	Yes	TS	SG	165					Galled	Yes		SG			
157		P						0.346				IN EXCESS OF 1/32	166				Galled	No	TS	DG	166								TS			
158		P						0.379					168				Galled	Yes	TS	SG	168								TS			
159		P						0.360					167						TS		167								TS			
160		P						0.376				IN EXCESS OF 1/32	166				Galled	No	TS	DG	167								TS			
161		P						0.359				IN EXCESS OF 1/32	165				Galled	No	TS	DG	167				Gal				TS	DG		
162		P						0.368				IN EXCESS OF 1/32	167				Galled	No	TS	DG	165					Galled	Yes	TS	SG			

THREAD / SEAL DAMAGES

BELL - Belled
CH - Chain
CRK - Crack
DS - Damaged Seal
DTH - Damaged Thread
ED - Excessive Damage
GS - Galled Seal
GTH - Galled Thread
LTL - Long Thread Length
MS - Mashed Seal
MYH - Mashed Thread
NB - No Bevel
OT - Over Torqued
PS - Pitted Sea
PTH - Pitted Thread
SH - String Shot
STL - Short Thread Length
STRTH - Stretched Thread
STS - Stabbed Seal
T - Tapered
TRN - Torn
UOD - Undersized OD
WS - Washed Seal
WRN - Worn
WTH - Washed Thread

TUBE DAMAGES

CR - Cracked
MT - Mashed Tube
P - Pitting
W - Wear
CG - Cut & Gouges
LW - Low Wall
SH - String Shot

SERVICES PERFORMED

Brothers Spec.



X-Spect Oilfield NDT Ltd.

1105-11st Nisku T9E 8A8

Ph: 780-669-8637

DRILL PIPE INSPECTION TALLY SHEET

Customer: Brothers HDD

Pipe Description DRILL PIPE

Rig No.: Pipe from France	Work Order #: 2601-016	80% New Wall Thickness: 0.290 inches	Nominal Wall Thickness: 0.362 inches	O.D Size: 127 mm
Location: X-Spect Yard (Nisku)	PO/AFE:	Minimum Box Shoulder: 11	Connection: 4 1/2 IF	Grade: S-135
Oil Company:	Job/Inv No.: JOB#	New Tool Joint OD: 168	Inspected By: C.Richardson	Weight: 29.02 kg/m
Date: 1/14/2026	LSD :	Min Tool Joint OD: 160		

O R D E R	Serial No.	Tube										Box Tool Joint Inspection										Pin Tool Joint Inspection									
		Tube Class	Slip Wear	O.D. Damage	B	Coating Cond.	Tube Damage	Ultrasonic Wall Reading				Comments	Box OD	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Box Reface	Hardbanding Condition	Box Class	Pin OD	Pin ID	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Pin Reface	HD Cond	Pin Class	Joint Length	Usable Joint
								1	2	3	4																				
163		P						0.363					167						TS		167								TS		
164		P						0.366					167				Galled	Yes	TS	SG	167								TS		
165		P						0.350					167				Galled	Yes	TS	SG	167					Galled	Yes	TS	SG		
166		P						0.362				IN EXCESS OF 1/32	167				Galled	No	TS	DG	167					Galled	Yes	TS	SG		
167		P						0.385					167				Galled	Yes	TS	SG	166								TS		
168		P						0.365				IN EXCESS OF 1/32	167				Galled	No	TS	DG	166								TS		
169		P						0.363					167				Galled	Yes	TS	SG	167								TS		
170		P						0.372					167			XTR	Galled	Yes	TS	SG	166					Galled	Yes	TS	SG		
Average:		0				0		0.368	0.000	0.000	0.000		166	0	0						167	0	0	0							

THREAD / SEAL DAMAGES

BELL - Belled	GTH - Galled Thread	PTH - Pitted Thread	UOD - Undersized OD
CH - Chain	LTL - Long Thread Length	SH - String Shot	WS - Washed Seal
CRK - Crack	MS - Mashed Seal	STL - Short Thread Length	WRN - Worn
DS - Damaged Seal	MYH - Mashed Thread	STRTH - Stretched Thread	WTH - Washed Thread
DTH - Damaged Thread	NB - No Bevel	STS - Stabbed Seal	
ED - Excessive Damage	OT - Over Torqued	T - Tapered	
GS - Galled Seal	PS - Pitted Sea	TRN - Torn	

TUBE DAMAGES

CR - Cracked	CG - Cut & Gouges
MT - Mashed Tube	LW - Low Wall
P - Pitting	SH - String Shot
W - Wear	

SERVICES PERFORMED

Brothers Spec.



P.O. Box 1035
Nisku AB T9E 8A8
Phone: (780) 719-7341
john@xspectndt.com

DRILL PIPE INSPECTION TALLY SHEET

Customer: Brothers HDD

Pipe Description DRILL PIPE

Rig No.: Stock	Work Order #: 2406-007	80% New Wall Thickness: 0.290 inches	Nominal Wall Thickness: 0.362 inches	O.D Size: 127 mm
Location: X-Spect Shop (Nisku)	PO/AFE:	Minimum Box Shoulder: 11	Connection: 4 1/2 IF	Grade: S-135
Oil Company:	Job/Inv No.: JOB#	New Tool Joint OD: 168	Inspected By: J. Maygard	Weight: 29.02 kg/m
Date: 8/19/2024	LSD :	Min Tool Joint OD: 160		

R D E R	Serial No.	Tube										Box Tool Joint Inspection								Pin Tool Joint Inspection												
		Tube Class	Slip Wear	O.D. Damage	B	Coating Cond.	Tube Damage	Ultrasonic Wall Reading				Comments	Box OD	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Box Reface	Hardbanding Condition	Box Class	Pin OD	Pin ID	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Pin Reface	HD Cond	Pin Class	Joint Length	Usable Joint	
								1	2	3	4																					
1	RCMX 120	P				Good		0.350				B19NC001	166						Poor		165											
2	RCMX 007	P				Good		0.354				B19NC002	166								166											
3	RCMX 068	P				Good		0.344				B19NC003	166								166											
4	RCMX 127	P				Good		0.341				B19NC004	166				Galled	Yes		SG	165											
5	RCMX 023	P				Good		0.358				B19NC005	167								166											
6	RCMX 245	P				Good		0.342				B19NC006	167								165			XTR								
7	RCM 129	P		4.5		Fair		0.338				B19NC007	167			XTR			Poor		160				Galled	Yes		SG				
8	RCMX 168	P				Good		0.342				B19NC008	166				Chain Mark	Yes		SG	165											
9	RCMX 006	P				Good		0.358				B19NC009	166				Jobbing Dam	Yes		SG	165				Galled	Yes		SG				
10	RCMX 061	P				Good		0.352				B19NC010	166								165			XTR								
11	RCM 094	P				Good		0.334				B19NC011	164								158											
12	RCMX 101	P				Good		0.359				B19NC012	167						Poor		166											
13	RCM 045	P				Fair		0.311				B19NC013	158								158											
14	RCMX 111	P				Good		0.350				B19NC014	166				Jobbing Dam	Yes		SG	165											
15	RCM 150	P				Good		0.348				B19NC015	163			XTR					163											
16	RCMX 076	P				Good		0.347				B19NC016	166						Poor		165											
17	RCM 008	P		13.5		Poor		0.326				B19NC017	158								158											
18	RCMX 041	P				Good		0.345				B19NC018	166				Jobbing Dam	Yes		SG	166											

THREAD / SEAL DAMAGES

BELL - Belled	GTH - Galled Thread	PTH - Pitted Thread	UOD - Undersized OD
CH - Chain	LTL - Long Thread Length	SH - String Shot	WS - Washed Seal
CRK - Crack	MS - Mashed Seal	STL - Short Thread Length	WRN - Worn
DS - Damaged Seal	MYH - Mashed Thread	STRTH - Stretched Thread	WTH - Washed Thread
DTH - Damaged Thread	NB - No Bevel	STS - Stabbed Seal	
ED - Excessive Damage	OT - Over Torqued	T - Tapered	
GS - Galled Seal	PS - Pitted Sea	TRN - Torn	

TUBE DAMAGES

CR - Cracked	CG - Cut & Gouges
MT - Mashed Tube	LW - Low Wall
P - Pitting	SH - String Shot
W - Wear	

SERVICES PERFORMED

- API RP7G-2; Blacklight End Area



P.O. Box 1035
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DRILL PIPE INSPECTION TALLY SHEET

Customer: Brothers HDD

Pipe Description DRILL PIPE

Rig No.: Stock	Work Order #: 2406-007	80% New Wall Thickness: 0.290 inches	Nominal Wall Thickness: 0.362 inches	O.D Size: 127 mm
Location: X-Spect Shop (Nisku)	PO/AFE:	Minimum Box Shoulder: 11	Connection: 4 1/2 IF	Grade: S-135
Oil Company:	Job/Inv No.: JOB#	New Tool Joint OD: 168	Inspected By: J. Maygard	Weight: 29.02 kg/m
Date: 8/19/2024	LSD :	Min Tool Joint OD: 160		

O R D E R	Serial No.	Tube										Box Tool Joint Inspection								Pin Tool Joint Inspection											
		Tube Class	Slip Wear	O.D. Damage	B	Coating Cond.	Tube Damage	Ultrasonic Wall Reading				Comments	Box OD	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Box Reface	Hardbanding Condition	Box Class	Pin OD	Pin ID	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Pin Reface	HD Cond	Pin Class	Joint Length	Usable Joint
								1	2	3	4																				
19	RCM 120	P				Poor		0.333				B19NC019	159								158				XTR						
20	RCMX 046	P				Good		0.346				B19NC020	165				Galled	Yes		SG	165					Galled	Yes		SG		
21	RCM 093	P				Fair		0.335				B19NC021	161								156										
22	RCM 131	P		13.5		Good		0.322				B19NC022	161			XTR					159										
23	RCM 052	P				Fair		0.327				B19NC023	159								157					Galled	Yes		SG		
Average:		1				0		0.342	0.000	0.000	0.000		164	0	0						163	0	0	0							

THREAD / SEAL DAMAGES

BELL - Belled	GTH - Galled Thread	PTH - Pitted Thread	UOD - Undersized OD
CH - Chain	LTL - Long Thread Length	SH - String Shot	WS - Washed Seal
CRK - Crack	MS - Mashed Seal	STL - Short Thread Length	WRN - Worn
DS - Damaged Seal	MYH - Mashed Thread	STRTH - Stretched Thread	WTH - Washed Thread
DTH - Damaged Thread	NB - No Bevel	STS - Stabbed Seal	
ED - Excessive Damage	OT - Over Torqued	T - Tapered	
GS - Galled Seal	PS - Pitted Sea	TRN - Torn	

TUBE DAMAGES

CR - Cracked	CG - Cut & Gouges
MT - Mashed Tube	LW - Low Wall
P - Pitting	SH - String Shot
W - Wear	

SERVICES PERFORMED

- API RP7G-2; Blacklight End Area



X-Spect Oilfield NDT Ltd.

1105-11St Nisku T9E 8A8

Ph: 780-669-8637

DRILL PIPE INSPECTION TALLY SHEET

Customer: Brothers HDD

Pipe Description DRILL PIPE

Rig No.: 115	Work Order #: 2503-016	80% New Wall Thickness: 0.400 inches	Nominal Wall Thickness: 0.5 inches	O.D Size: 127 mm
Location: X-Spect Shop (Nisku)	PO/AFE:	Minimum Box Shoulder: 9	Connection: DS 50	Grade:
Oil Company:	Job/Inv No.: Wonowon BC	New Tool Joint OD: 168.5	Inspected By: J. Maygard	Weight: 38.09 kg/m
Date: 4/16/2025	LSD :	Min Tool Joint OD: 156		

ORDER	Serial No.	Tube										Box Tool Joint Inspection										Pin Tool Joint Inspection									
		Tube Class	Slip Wear	O.D. Damage	B	Coating Cond.	Tube Damage	Ultrasonic Wall Reading				Comments	Box OD	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Box Reface	Hardbanding Condition	Box Class	Pin OD	Pin ID	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Pin Reface	HD Cond	Pin Class	Joint Length	Usable Joint
								1	2	3	4																				
1	B25DS 176	P				Good		0.506					168			XTR			Good		167			225	Gal				DG		
2	B25DS 179	P				Good		0.508					168		220	Gal			Poor	DG	168			225	Wor				DG		
3	B25DS 093	P				Good		0.502					167		220	Gal			Good	DG	167			230	Gal				DG		
4	B25DS 175	P				Good		0.507					167		215	Gal			Poor	DG	168			230	Gal				DG		
5	B25DS 022	P				Good		0.524					168			XTR			Good		169			225	Gal				DG		
6	B25DS 068	P				Good		0.513					168			XTR			Good		168			220	Str				DG		
7	B25DS 076	P				Good		0.501					168		240	Gal			Good	DG	168			225	Str				DG		
8	B25DS 063	P				Good		0.504					168		215	Gal			Good	DG	168			225	Str				DG		
9	B25DS 199	P				Good		0.508					168		220	Gal			Good	DG	169			225	Str				DG		
10	B25DS 017	P				Good		0.512					168		215	Gal			Good	DG	169			225	Gal				DG		
11	B25DS 160	P				Good		0.504					168			XTR			Good		167				XTR						
12	B25DS 064	P				Good		0.504					168			XTR			Good		168			225	Gal				DG		
13	B25DS 155	P				Good		0.515					168		215	Gal			Good	DG	168			225	Str				DG		
14	B25DS 153	P				Good		0.493					168		220	Gal			Good	DG	168			225	Gal				DG		
15	B25DS 019	P				Good		0.515					168			XTR			Good		168			230	Gal				DG		
16	B25DS 166	P				Good		0.511					168		215	Gal			Good	DG	168			230	Gal				DG		
17	B25DS 146	P				Good		0.508					168		215		Galled		Good	DG	169			230	Str				DG		
18	B25DS 185	P				Good		0.507					169			XTR			Good		169				XTR						

THREAD / SEAL DAMAGES				TUBE DAMAGES		SERVICES PERFORMED	
BELL - Belled	GTH - Galled Thread	PTH - Pitted Thread	UOD - Undersized OD	CR - Cracked	CG - Cut & Gouges	- Brothers HDD Spec.	
CH - Chain	LTL - Long Thread Length	SH - String Shot	WS - Washed Seal	MT - Mashed Tube	LW - Low Wall		
CRK - Crack	MS - Mashed Seal	STL - Short Thread Length	WRN - Worn	P - Pitting	SH - String Shot		
DS - Damaged Seal	MYH - Mashed Thread	STRTH - Stretched Thread	WTH - Washed Thread	W - Wear			
DTH - Damaged Thread	NB - No Bevel	STS - Stabbed Seal					
ED - Excessive Damage	OT - Over Torqued	T - Tapered					
GS - Galled Seal	PS - Pitted Sea	TRN - Torn					



X-Spect Oilfield NDT Ltd.

1105-11St Nisku T9E 8A8

Ph: 780-669-8637

DRILL PIPE INSPECTION TALLY SHEET

Customer: Brothers HDD

Pipe Description DRILL PIPE

Rig No.: 115	Work Order #: 2503-016	80% New Wall Thickness: 0.400 inches	Nominal Wall Thickness: 0.5 inches	O.D Size: 127 mm
Location: X-Spect Shop (Nisku)	PO/AFE:	Minimum Box Shoulder: 9	Connection: DS 50	Grade:
Oil Company:	Job/Inv No.: Wonowon BC	New Tool Joint OD: 168.5	Inspected By: J. Maygard	Weight: 38.09 kg/m
Date: 4/16/2025	LSD :	Min Tool Joint OD: 156		

O R D E R	Serial No.	Tube										Box Tool Joint Inspection										Pin Tool Joint Inspection									
		Tube Class	Slip Wear	O.D. Damage	B	Coating Cond.	Tube Damage	Ultrasonic Wall Reading				Comments	Box OD	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Box Reface	Hardbanding Condition	Box Class	Pin OD	Pin ID	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Pin Reface	HD Cond	Pin Class	Joint Length	Usable Joint
								1	2	3	4																				
19	B25DS 116	P				Good		0.501					168						Good		168				XTR						
20	B25DS 147	P				Good		0.511					168			XTR			Good		168				XTR						
21	B25DS 184	P				Good		0.511					168		215	Gal			Good	DG	168				XTR						
22	B25DS 187	P				Good		0.512					168						Good		169			225	Gal				DG		
23	B25DS 052	P				Good		0.500					168			XTR			Good		168			225	Wor				DG		
24	B25DS 051	P				Good		0.495					168		220	Gal			Good	DG	168			230	Gal				DG		
25	B25DS 154	P				Good		0.504					168		215	Gal			Good	DG	168			225	Gal				DG		
26	B25DS 058	P				Good		0.498					168		215	Gal			Good	DG	168			230	Str				DG		
27	B25DS 163	P				Good		0.513					168		215	Gal			Good	DG	168			225	Gal				DG		
28	B25DS 198	P				Good		0.517					168		215	Gal			Good	DG	168			225	Gal				DG		
29	B25DS 200	P				Good		0.515					168			XTR			Good		168			225	Gal				DG		
30	B25DS 066	P				Good		0.495					168		215	Gal			Good	DG	168			225	Gal				DG		
31	B25DS 168	P				Good		0.511					168		215	Gal			Good	DG	169			235	Gal				DG		
32	B25DS 059	P				Good		0.517					168		215	Gal			Good	DG	169			225	Gal				DG		
33	B25DS 065	P				Good		0.506					168		215	Gal			Good	DG	168			225	Wor				DG		

THREAD / SEAL DAMAGES

BELL - Beled	GTH - Galled Thread	PTH - Pitted Thread	UOD - Undersized OD
CH - Chain	LTL - Long Thread Length	SH - String Shot	WS - Washed Seal
CRK - Crack	MS - Mashed Seal	STL - Short Thread Length	WRN - Worn
DS - Damaged Seal	MYH - Mashed Thread	STRTH - Stretched Thread	WTH - Washed Thread
DTH - Damaged Thread	NB - No Bevel	STS - Stabbed Seal	
ED - Excessive Damage	OT - Over Torqued	T - Tapered	
GS - Galled Seal	PS - Pitted Sea	TRN - Torn	

TUBE DAMAGES

CR - Cracked	CG - Cut & Gouges
MT - Mashed Tube	LW - Low Wall
P - Pitting	SH - String Shot
W - Wear	

SERVICES PERFORMED

- Brothers HDD Spec.



X-Spect Oilfield NDT Ltd.

1105-11St Nisku T9E 8A8

Ph: 780-669-8637

DRILL PIPE INSPECTION TALLY SHEET

Customer: Brothers HDD

Pipe Description DRILL PIPE

Rig No.: 115	Work Order #: 2503-016	80% New Wall Thickness: 0.400 inches	Nominal Wall Thickness: 0.5 inches	O.D Size: 127 mm
Location: X-Spect Shop (Nisku)	PO/AFE:	Minimum Box Shoulder: 9	Connection: DS 50	Grade:
Oil Company:	Job/Inv No.: Wonowon BC	New Tool Joint OD: 168.5	Inspected By: J. Maygard	Weight: 38.09 kg/m
Date: 4/16/2025	LSD :	Min Tool Joint OD: 156		

R D E R	Serial No.	Tube										Box Tool Joint Inspection										Pin Tool Joint Inspection									
		Tube Class	Slip Wear	O.D. Damage	B	Coating Cond.	Tube Damage	Ultrasonic Wall Reading				Comments	Box OD	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Box Reface	Hardbanding Condition	Box Class	Pin OD	Pin ID	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Pin Reface	HD Cond	Pin Class	Joint Length	Usable Joint
								1	2	3	4																				
Average:	0		0		0.508	0.000	0.000	0.000		168	0	138					168	0	0	192											

THREAD / SEAL DAMAGES

BELL - Belled	GTH - Galled Thread	PTH - Pitted Thread	UOD - Undersized OD
CH - Chain	LTL - Long Thread Length	SH - String Shot	WS - Washed Seal
CRK - Crack	MS - Mashed Seal	STL - Short Thread Length	WRN - Worn
DS - Damaged Seal	MYH - Mashed Thread	STRTH - Stretched Thread	WTH - Washed Thread
DTH - Damaged Thread	NB - No Bevel	STS - Stabbed Seal	
ED - Excessive Damage	OT - Over Torqued	T - Tapered	
GS - Galled Seal	PS - Pitted Sea	TRN - Torn	

TUBE DAMAGES

CR - Cracked	CG - Cut & Gouges
MT - Mashed Tube	LW - Low Wall
P - Pitting	SH - String Shot
W - Wear	

SERVICES PERFORMED

- Brothers HDD Spec.



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DRILL PIPE INSPECTION TALLY SHEET

Customer: Brothers HDD

Pipe Description Drill Pipe

Rig No.: USA Purchase	Work Order #: 2404-016	80% New Wall Thickness: 0.418 inches	Nominal Wall Thickness: 0.522 inches	O.D Size: 168.3 mm
Location: X-Spect Yard (Nisku)	PO/AFE:	Minimum Box Shoulder:	Connection: 6 5/8 FH	Grade: S-135
Oil Company:	Job/Inv No.: JOB#	New Tool Joint OD: 215.9	Inspected By: J. Maygard	Weight: 50.6 kg/m
Date: 4/29/2024	LSD :	Min Tool Joint OD: 209.4		

R D E R	Serial No.	Tube										Box Tool Joint Inspection							Pin Tool Joint Inspection												
		Tube Class	Slip Wear	O.D. Damage	B	Coating Cond.	Tube Damage	Ultrasonic Wall Reading				Comments	Box OD	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Box Reface	Hardbanding Condition	Box Class	Pin OD	Pin ID	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Pin Reface	HD Cond	Pin Class	Joint Length	Usable Joint
								1	2	3	4																				
1	B34 001	P				Good		0.541					215					Poor		216											
2	B34 002	P				Good		0.535					215					Poor		215											
3	B34 003	P				Good		0.542					213					Poor		216											
4	B34 004	P				Good		0.543					215			XTR	Galled	Yes	Poor	SG	215										
5	B34 005	P				Good		0.535					215				Galled	Yes	Poor	SG	213										
6	B34 006	P				Good		0.533					215						Poor		216				Was				DG		
7	B34 007	P				Good		0.531					215				Galled	Yes	Poor	SG	216										
8	B34 008	P				Good		0.521					215						Poor		215										
9	B34 009	P				Good		0.525					216			XTR			Poor		217				Was				DG		
10	B34 010	P				Good		0.531					214			XTR	Galled	Yes	Poor	SG	215										
11	B34 011	P				Good		0.551					215						Poor		215										
12	B34 012	P				Good		0.543					216			Was			Poor	DG	217										
13	B34 013	P				Good		0.548					214			XTR			Poor		215										
14	B34 014	P				Good		0.531					214						Poor		213				Was				DG		
15	B34 015	P				Good		0.533					215			XTR			Poor		215										
16	B34 016	P				Good		0.531					215				Galled	Yes	Poor	SG	216										
17	B34 017	P				Good		0.534					215			Was			Poor	DG	216										
18	B34 018	P				Good		0.522					215						Poor		215				XTR						

THREAD / SEAL DAMAGES

BELL - Belled
CH - Chain
CRK - Crack
DS - Damaged Seal
DTH - Damaged Thread
ED - Excessive Damage
GS - Galled Seal
GTH - Galled Thread
LTL - Long Thread Length
MS - Mashed Seal
MYH - Mashed Thread
NB - No Bevel
OT - Over Torqued
PS - Pitted Sea
PTH - Pitted Thread
SH - String Shot
STL - Short Thread Length
STRTH - Stretched Thread
STS - Stabbed Seal
T - Tapered
TRN - Torn
UOD - Undersized OD
WS - Washed Seal
WRN - Worn
WTH - Washed Thread

TUBE DAMAGES

CR - Cracked
MT - Mashed Tube
P - Pitting
W - Wear
CG - Cut & Gouges
LW - Low Wall
SH - String Shot

SERVICES PERFORMED

- API RP7G-2; Blacklight End Area



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DRILL PIPE INSPECTION TALLY SHEET

Customer: Brothers HDD

Pipe Description Drill Pipe

Rig No.: USA Purchase	Work Order #: 2404-016	80% New Wall Thickness: 0.418 inches	Nominal Wall Thickness: 0.522 inches	O.D Size: 168.3 mm
Location: X-Spect Yard (Nisku)	PO/AFE:	Minimum Box Shoulder:	Connection: 6 5/8 FH	Grade: S-135
Oil Company:	Job/Inv No.: JOB#	New Tool Joint OD: 215.9	Inspected By: J. Maygard	Weight: 50.6 kg/m
Date: 4/29/2024	LSD :	Min Tool Joint OD: 209.4		

ORDER	Serial No.	Tube										Box Tool Joint Inspection										Pin Tool Joint Inspection									
		Tube Class	Slip Wear	O.D. Damage	B	Coating Cond.	Tube Damage	Ultrasonic Wall Reading				Comments	Box OD	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Box Reface	Hardbanding Condition	Box Class	Pin OD	Pin ID	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Pin Reface	HD Cond	Pin Class	Joint Length	Usable Joint
								1	2	3	4																				
19	B34 019	P				Good		0.526					216				Galled	Yes	Poor	SG	216										
20	B34 020	P				Good		0.530					212			Was			Poor	DG	213										
21	B34 021	P				Good		0.542					217						Good		216										
22	B34 022	P				Good		0.551					216						Poor		215										
23	B34 023	P				Good		0.541					215						Poor		215										
24	B34 024	P				Good		0.555					215				Galled	Yes	Poor	SG	213				XTR						
25	B34 025	P				Good		0.543					215			XTR			Poor		217				Was				DG		
26	B34 026	P				Good		0.543					215				bbing Dam	Yes	Poor	SG	214										
27	B34 027	P				Good		0.539					212				Galled	Yes	Poor	SG	210										
28	B34 028	P				Good		0.549					216			XTR	Galled	Yes	Poor	SG	216				XTR						
29	B34 029	P				Good		0.544					215				Galled	Yes	Poor	SG	215										
30	B34 030	P				Good		0.529					212			XTR	Galled	Yes	Poor	SG	219										
31	B34 031	P				Good		0.533					209			XTR	Galled	Yes	Poor	SG	218										
32	B34 032	P				Good		0.537					215						Poor		215										
33	B34 033	P				Good		0.531					215				Galled	Yes	Poor	SG	218										
34	B34 034	P				Good		0.543					215						Poor		216										
35	B34 035	P				Good		0.545					216						Good		217										
36	B34 036	P				Good		0.536					216						Poor		216				XTR						

THREAD / SEAL DAMAGES

BELL - Belled	GTH - Galled Thread	PTH - Pitted Thread	UOD - Undersized OD
CH - Chain	LTL - Long Thread Length	SH - String Shot	WS - Washed Seal
CRK - Crack	MS - Mashed Seal	STL - Short Thread Length	WRN - Worn
DS - Damaged Seal	MYH - Mashed Thread	STRTH - Stretched Thread	WTH - Washed Thread
DTH - Damaged Thread	NB - No Bevel	STS - Stabbed Seal	
ED - Excessive Damage	OT - Over Torqued	T - Tapered	
GS - Galled Seal	PS - Pitted Sea	TRN - Torn	

TUBE DAMAGES

CR - Cracked	CG - Cut & Gouges
MT - Mashed Tube	LW - Low Wall
P - Pitting	SH - String Shot
W - Wear	

SERVICES PERFORMED

- API RP7G-2; Blacklight End Area



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DRILL PIPE INSPECTION TALLY SHEET

Customer: Brothers HDD

Pipe Description Drill Pipe

Rig No.: USA Purchase	Work Order #: 2404-016	80% New Wall Thickness: 0.418 inches	Nominal Wall Thickness: 0.522 inches	O.D Size: 168.3 mm
Location: X-Spect Yard (Nisku)	PO/AFE:	Minimum Box Shoulder:	Connection: 6 5/8 FH	Grade: S-135
Oil Company:	Job/Inv No.: JOB#	New Tool Joint OD: 215.9	Inspected By: J. Maygard	Weight: 50.6 kg/m
Date: 4/29/2024	LSD :	Min Tool Joint OD: 209.4		

ORDER	Serial No.	Tube										Box Tool Joint Inspection										Pin Tool Joint Inspection									
		Tube Class	Slip Wear	O.D. Damage	B	Coating Cond.	Tube Damage	Ultrasonic Wall Reading				Comments	Box OD	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Box Reface	Hardbanding Condition	Box Class	Pin OD	Pin ID	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Pin Reface	HD Cond	Pin Class	Joint Length	Usable Joint
								1	2	3	4																				
37	B34 037	P				Good		0.535					214						Poor		215										
38	B34 038	P				Good		0.553					215						Poor		215										
39	B34 039	P				Good		0.540					215						Poor		215										
40	B34 040	P				Good		0.535					215			Was			Poor	DG	215				XTR						
41	B34 041	P				Good		0.543					213			Chain Mark	Yes		Poor	SG	214				Was				DG		
42	B34 042	P				Good		0.535					216			Mas			Poor	DG	214										
43	B34 043	P				Good		0.531					216						Poor		215				Was				DG		
44	B34 044	P				Good		0.542					216			Was			Poor	DG	215				Was				DG		
45	B34 045	P				Good		0.510					212			Galled	Yes		Poor	SG	212				Was				DG		
46	B34 046	P				Good		0.519					213			XTR	Galled	Yes	Poor	SG	215										
47	B34 047	P				Good		0.530					215			XTR	Galled	Yes	Poor	SG	215										
48	B34 048	P				Good		0.541					215						Poor		215										
49	B34 049	P				Good		0.533					215				Galled	Yes	Poor	SG	215				XTR	Galled	Yes		SG		
50	B34 050	P				Good		0.540					216				Galled	Yes	Poor	SG	216				XTR	Galled	Yes		SG		
51	B34 051	P				Good		0.517					215						Poor		215				XTR	Galled	Yes		SG		
52	B34 052	P				Good		0.540					214			XTR	Galled	Yes	Poor	SG	213				XTR						
53	B34 053	P				Good		0.538					215						Poor		216				XTR	Pitted	Yes		SG		
54	B34 054	P				Good		0.543					214						Poor		212										

THREAD / SEAL DAMAGES

BELL - Belled	GTH - Galled Thread	PTH - Pitted Thread	UOD - Undersized OD
CH - Chain	LTL - Long Thread Length	SH - String Shot	WS - Washed Seal
CRK - Crack	MS - Mashed Seal	STL - Short Thread Length	WRN - Worn
DS - Damaged Seal	MYH - Mashed Thread	STRTH - Stretched Thread	WTH - Washed Thread
DTH - Damaged Thread	NB - No Bevel	STS - Stabbed Seal	
ED - Excessive Damage	OT - Over Torqued	T - Tapered	
GS - Galled Seal	PS - Pitted Sea	TRN - Torn	

TUBE DAMAGES

CR - Cracked	CG - Cut & Gouges
MT - Mashed Tube	LW - Low Wall
P - Pitting	SH - String Shot
W - Wear	

SERVICES PERFORMED

- API RP7G-2; Blacklight End Area



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DRILL PIPE INSPECTION TALLY SHEET

Customer: Brothers HDD

Pipe Description Drill Pipe

Rig No.: USA Purchase	Work Order #: 2404-016	80% New Wall Thickness: 0.418 inches	Nominal Wall Thickness: 0.522 inches	O.D Size: 168.3 mm
Location: X-Spect Yard (Nisku)	PO/AFE:	Minimum Box Shoulder:	Connection: 6 5/8 FH	Grade: S-135
Oil Company:	Job/Inv No.: JOB#	New Tool Joint OD: 215.9	Inspected By: J. Maygard	Weight: 50.6 kg/m
Date: 4/29/2024	LSD :	Min Tool Joint OD: 209.4		

R D E R	Serial No.	Tube										Box Tool Joint Inspection								Pin Tool Joint Inspection														
		Tube Class	Slip Wear	O.D. Damage	B	Coating Cond.	Tube Damage	Ultrasonic Wall Reading				Comments	Box OD	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Box Reface	Hardbanding Condition	Box Class	Pin OD	Pin ID	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Pin Reface	HD Cond	Pin Class	Joint Length	Usable Joint			
								1	2	3	4																							
55	B34 055	P				Good		0.549						213				Galled	Yes	Poor	SG	215					XTR							
56	B34 056	P				Good		0.527						215						Good		215												
57	B34 057	P				Good		0.536						214						Poor		215				Was				DG				
58	B34 058	P				Good		0.543						218						Poor		215				Was				DG				
59	B34 059	P				Good		0.532						212			XTR	Galled	Yes	Poor	SG	210				XTR	Galled	Yes		SG				
60	B34 060	P				Good		0.552						215				Plitted	Yes	Poor	SG	215				XTR								
61	B34 061	P				Good		0.537						216						Poor		216												
62	B34 062	P				Good		0.532						215			XTR			Poor		215												
63	B34 063	P				Good		0.549						215			Was			Poor	DG	215				XTR								
64	B34 064	P				Good		0.550						216						Good		217												
65	B34 065	P				Good		0.563						216						Poor		215				Was				DG				
66	B34 066	P				Good		0.548						215				Galled	Yes	Poor	SG	215				Was				DG				
67	B34 067	P				Good		0.542						215			XTR			Poor		214				XTR								
68	B34 068	P				Good		0.529						215			Was			Poor	DG	216				XTR								
69	B34 069	P				Good		0.535						215			XTR	Galled	Yes	Poor	SG	215				XTR								
70	B34 070	P				Good		0.545						216						Good		219				Was				DG				
71	B34 071	P				Good		0.540						214						Poor		215				XTR								
72	B34 072	P				Good		0.541						216			XTR			Poor		215				Was				DG				

THREAD / SEAL DAMAGES

BELL - Belled
CH - Chain
CRK - Crack
DS - Damaged Seal
DTH - Damaged Thread
ED - Excessive Damage
GS - Galled Seal
GTH - Galled Thread
LTL - Long Thread Length
MS - Mashed Seal
MYH - Mashed Thread
NB - No Bevel
OT - Over Torqued
PS - Pitted Sea
PTH - Pitted Thread
SH - String Shot
STL - Short Thread Length
STRTH - Stretched Thread
STS - Stabbed Seal
T - Tapered
TRN - Torn
UOD - Undersized OD
WS - Washed Seal
WRN - Worn
WTH - Washed Thread

TUBE DAMAGES

CR - Cracked
MT - Mashed Tube
P - Pitting
W - Wear
CG - Cut & Gouges
LW - Low Wall
SH - String Shot

SERVICES PERFORMED

- API RP7G-2; Blacklight End Area



P.O. Box 1035
Nisku AB T9E 8A8
Phone: (780) 719-7341
john@xspectndt.com

DRILL PIPE INSPECTION TALLY SHEET

Customer: Brothers HDD

Pipe Description Drill Pipe

Rig No.: USA Purchase	Work Order #: 2404-016	80% New Wall Thickness: 0.418 inches	Nominal Wall Thickness: 0.522 inches	O.D Size: 168.3 mm
Location: X-Spect Yard (Nisku)	PO/AFE:	Minimum Box Shoulder:	Connection: 6 5/8 FH	Grade: S-135
Oil Company:	Job/Inv No.: JOB#	New Tool Joint OD: 215.9	Inspected By: J. Maygard	Weight: 50.6 kg/m
Date: 4/29/2024	LSD :	Min Tool Joint OD: 209.4		

ORDER	Serial No.	Tube										Box Tool Joint Inspection										Pin Tool Joint Inspection									
		Tube Class	Slip Wear	O.D. Damage	B	Coating Cond.	Tube Damage	Ultrasonic Wall Reading				Comments	Box OD	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Box Reface	Hardbanding Condition	Box Class	Pin OD	Pin ID	Bevel Diameter	Tong Space	Thread Condition	Seal Condition	Pin Reface	HD Cond	Pin Class	Joint Length	Usable Joint
								1	2	3	4																				
73	B34 073	P				Good		0.551					215			Was			Poor	DG	216				XTR						
74	B34 074	P				Good		0.539					216				Pitted	Yes	Poor	SG	215				Was				DG		
75	B34 075	P				Good		0.538					215			XTR	Galled	Yes	Poor	SG	215				XTR						
76	B34 076	P				Good		0.541					214			XTR	Galled	Yes	Poor	SG	215				XTR	Galled	Yes		SG		
77	B34 077	P				Good		0.543					216				Galled	Yes	Poor	SG	216										
78	B34 078	P				Good		0.549					213						Poor		215					Pitted	Yes		SG		
79	B34 079	P				Good		0.542					215			XTR			Poor		216				Was				DG		
80	B34 080	P				Good		0.542					215			Was			Poor	DG	216								SG		
81	B34 081	P				Good		0.551					216						Poor		216										
82	B34 082	P				Good		0.545					214						Poor		215				XTR	Galled	Yes		SG		
83	B34 083	P				Good		0.555					215			Was			Poor	DG	216				Was				DG		
84	B34 084	P				Good		0.542					215			Was			Poor	DG	215				XTR						
85	B34 085	P				Good		0.548					215			XTR			Poor		215				XTR						
86	B34 086	P				Good		0.531					214						Poor		213					Galled	Yes		SG		
87	B34 087	P				Good		0.548					215						Poor		215										
88	B34 088	P				Good		0.544					215			Was			Poor	DG	215				XTR	Galled	Yes		SG		
89	B34 089	P				Good		0.548					215			XTR			Poor		215				Was				DG		
90	B34 090	P				Good		0.532					216						Poor		216										

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TUBE DAMAGES

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W - Wear
CG - Cut & Gouges
LW - Low Wall
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SERVICES PERFORMED

- API RP7G-2; Blacklight End Area



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								1	2	3	4																				
Average:		0			0		0.539	0.000	0.000	0.000		215	0	0						215	0	0	0								

THREAD / SEAL DAMAGES

BELL - Belled	GTH - Galled Thread	PTH - Pitted Thread	UOD - Undersized OD
CH - Chain	LTL - Long Thread Length	SH - String Shot	WS - Washed Seal
CRK - Crack	MS - Mashed Seal	STL - Short Thread Length	WRN - Worn
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TUBE DAMAGES

CR - Cracked	CG - Cut & Gouges
MT - Mashed Tube	LW - Low Wall
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W - Wear	

SERVICES PERFORMED

- API RP7G-2; Blacklight End Area