



DEEPWATER HORIZON

BOP Subsea Test



Operator BP

Well Num. MC 252 Maconda #1

Date 02-10-10

Pod Used Blue

Panel Used

DCP

Time

Gallons

Low
Press

High
Press

6-5/8" DP

Down Kill Line

Test 1 SEE EXPLANATION SHEET.

Lower Annular & Inner Bleed

25	46.5	close	250	psi	3,950	psi
20	44.5	open	5	min.	5	min.

Test 2

Upper Annular & Outer Bleed

Kelly Hose & Standpipe V/V #11

Test 3 SEE EXPLANATION SHEET.

Middle Pipe Rams, & Manifold Valve #4

(2) 65/8" TIW

Test 4

Middle Pipe Rams & Manifold Valve #9

(1) Gray Valve

Test 5

Upper Pipe Rams, UIC, UIC

Auto IBOP

Test 6

Upper Pipe Rams, UOC, LOC

15	20.2	open	280	psi	7,150	psi
			5	min.	5	min.

6-5/8" DP

Down Choke Line

Test 7 SEE EXPLANATION SHEET.

Lower Annular & UIK

26	46.7	close	270	psi	3,750	psi
24	43.9	open	5	min.	5	min.

Test 8

Upper Annular & UOK

26	47.7	close	270	psi	3,700	psi
23	41.6	open	5	min.	5	min.

Test 9

Middle Pipe Rams & UIK

16	22.4	close	250	psi	6,800	psi
			5	min.	5	min.

Test 10

Middle Pipe Rams & LOK

15	20.7	open	280	psi	6,750	psi
			5	min.	5	min.

Test 11

Upper Pipe Rams & Manifold Valve #1

16	24.1	close	250	psi	6,700	psi
			5	min.	5	min.

Test 12

Upper Pipe Rams & Manifold Valve #6

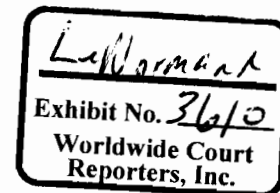
15	19.9	open	250	psi	6,800	psi
			5	min.	5	min.

Subsea Engineer

Operator

Toolpusher

OIM



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TRN-HCEC-00064683

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TRN-MDL-00106420



DEEPWATER HORIZON

SURFACE EQUIPMENT



Operator BP

Well Number MC 252 Maconda #1

Date 2/10/2010

ENSURE ALL CHOKES ARE OPEN BEFORE TESTING MANIFOLD

CHOKES MANIFOLD

Test 1

Valves tested # 2

Low press		Hi press	Time
270	5	7,200	5

Test 2

Valves tested # 5 & 7

250	5	7,150	5
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Test 3

Valves tested # 3, 6, 8, 11, 12, 15, 16, & 19

280	5	7,000	5
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Test 4*

Valves tested # 1, 9, 10, 13, 17, 20, 23, & 24

250	5	6,900	5
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Test 5

Valves tested # 4, 21, & 25

270	5	7,150	5
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Test 6 DO NOT EXCEED 5000 PSI

Valves tested # 27, 28, 29, & 30

270	5	5,800	5
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Test 7 DO NOT EXCEED 5000 PSI

Valves tested # 31, 32, & 35

280	5	5,600	5
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Test 8 DO NOT EXCEED 5000 PSI

Valves tested # 31, 33, 34, & 39

250	5	5,500	5
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Test 9 DO NOT EXCEED 5000 PSI

Valves tested # 36, 37, 38, & 40

250	5	5,500	5
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Subsea Engineer

[Signature]

Operator

M. R. Sepulveda

Toolpusher

Bo 2000

OIM

R. B.



DEEPWATER HORIZON

POD FUNCTION TEST



Operator: BP Well Number: MC 252 Macondo #1 Date: 2/10/2010

Panel: TCP

Pod: Yellow

Upper Annular Close	Gallons	46.9	26
Upper Annular Open	Gallons	43.5	25
Lower Annular Close	Gallons	50.2	27
Lower Annular Open	Gallons	41.6	25
Blind Shear Rams Close	Gallons		
Blind Shear Rams Open	Gallons		
Casing Shear Rams Close	Gallons	DO NOT FUNCTION AS PER EXEMPTION	
Casing Shear Rams Open	Gallons		
Upper Pipe Rams Close	Gallons	24.3	16
Upper Pipe Rams Open	Gallons	20.3	15
Middle Pipe Rams Close	Gallons	23.3	16
Middle Pipe Rams Open	Gallons	20.7	15
Lower Test Rams Close	Gallons	24.3	17
Lower Test Rams Open	Gallons	20.4	15
Inner Bleed Valve Open	Gallons	0.8	8
Inner Bleed Valve Close	Gallons	0.8	8
Outer Bleed Valve Open	Gallons	0.8	8
Outer Bleed Valve Close	Gallons	0.8	7
Upper Inner Choke Open	Gallons	0.7	7
Upper Inner Choke Close	Gallons	0.7	7
Upper Outer Choke Open	Gallons	0.8	8
Upper Outer Choke Close	Gallons	0.8	8
Lower Inner Choke Open	Gallons	0.8	6
Lower Inner Choke Close	Gallons	0.8	6
Lower Outer Choke Open	Gallons	0.8	6
Lower Outer Choke Close	Gallons	0.8	8
Upper Inner Kill Open	Gallons	0.8	7
Upper Inner Kill Close	Gallons	0.7	7
Upper Outer Kill Open	Gallons	0.8	7
Upper Outer Kill Close	Gallons	0.8	7
Lower Inner Kill Open	Gallons	0.8	6
Lower Inner Kill Close	Gallons	0.8	8
Lower Outer Kill Open	Gallons	0.8	8
Lower Outer Kill Close	Gallons	0.7	8
Mud Boost Valve Open	Gallons	0.2	3
Mud Boost Valve Close	Gallons	0.2	3

Subsea Engineer

Operator

Toolpusher

OIM

Remarks: Functioned Diverter and related valves at 02:56.



DEEPWATER HORIZON
POD FUNCTION TEST



Operator: BP

Well Number: MC 252 Macondo #1

Date: 2/11/2010

Panel: TCP

Pod: Yellow

Upper Annular Close	Gallons		
Upper Annular Open	Gallons		
Lower Annular Close	Gallons		
Lower Annular Open	Gallons		
Blind Shear Rams Close	Gallons	24	16
Blind Shear Rams Open	Gallons	21.2	15
Casing Shear Rams Close	Gallons		
Casing Shear Rams Open	Gallons		
Upper Pipe Rams Close	Gallons		
Upper Pipe Rams Open	Gallons		
Middle Pipe Rams Close	Gallons		
Middle Pipe Rams Open	Gallons		
Lower Test Rams Close	Gallons		
Lower Test Rams Open	Gallons		
Inner Bleed Valve Open	Gallons		
Inner Bleed Valve Close	Gallons		
Outer Bleed Valve Open	Gallons		
Outer Bleed Valve Close	Gallons		
Upper Inner Choke Open	Gallons		
Upper Inner Choke Close	Gallons		
Upper Outer Choke Open	Gallons		
Upper Outer Choke Close	Gallons		
Lower Inner Choke Open	Gallons		
Lower Inner Choke Close	Gallons		
Lower Outer Choke Open	Gallons		
Lower Outer Choke Close	Gallons		
Upper Inner Kill Open	Gallons		
Upper Inner Kill Close	Gallons		
Upper Outer Kill Open	Gallons		
Upper Outer Kill Close	Gallons		
Lower Inner Kill Open	Gallons		
Lower Inner Kill Close	Gallons		
Lower Outer Kill Open	Gallons		
Lower Outer Kill Close	Gallons		
Mud Boost Valve Open	Gallons		
Mud Boost Valve Close	Gallons		

Subsea Engineer

[Signature]
[Signature]

Operator

[Signature]
[Signature]

Toolpusher

OIM



DEEPWATER HORIZON

Explanation Sheet



Operator BP Well Num. MC 252 Mancondo #1 Date 2/10/2010

BOP

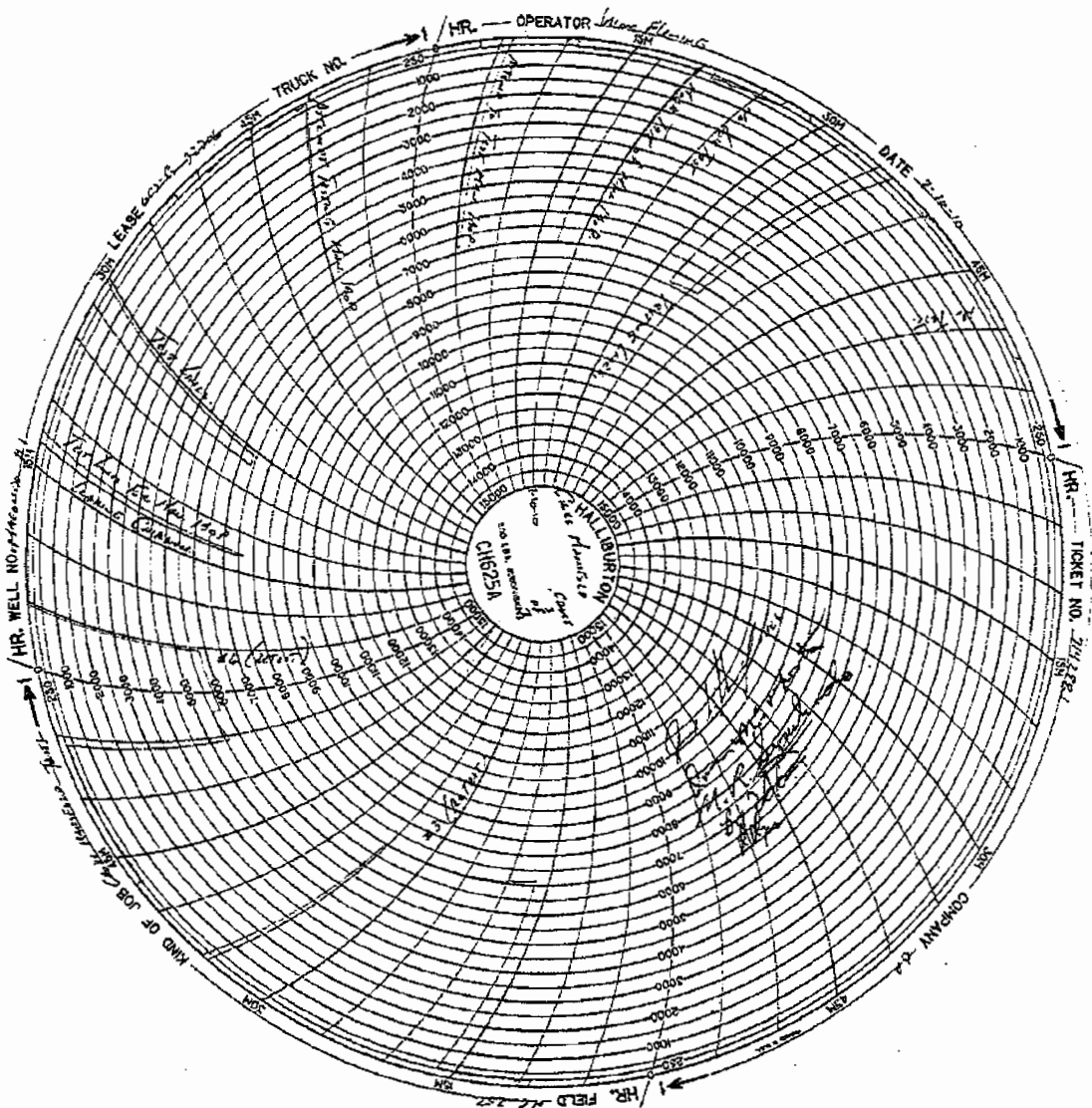
1. Pressure bled off due to Test Rams not being closed. Restarted test and had no issues throughout the rest of the test.

CHOKE MANIFOLD

1. Test #3 bled off. Serviced valves and retested. Good.
2. Test #6 bled off. Serviced valves and retested. Good.
3. Test #8 bled off. Serviced valves and retested. Good.

Subsea Engineer Dan M. White Operator M. R. Spulwade

Toolpusher B. J. [Signature] OIM R. Rye

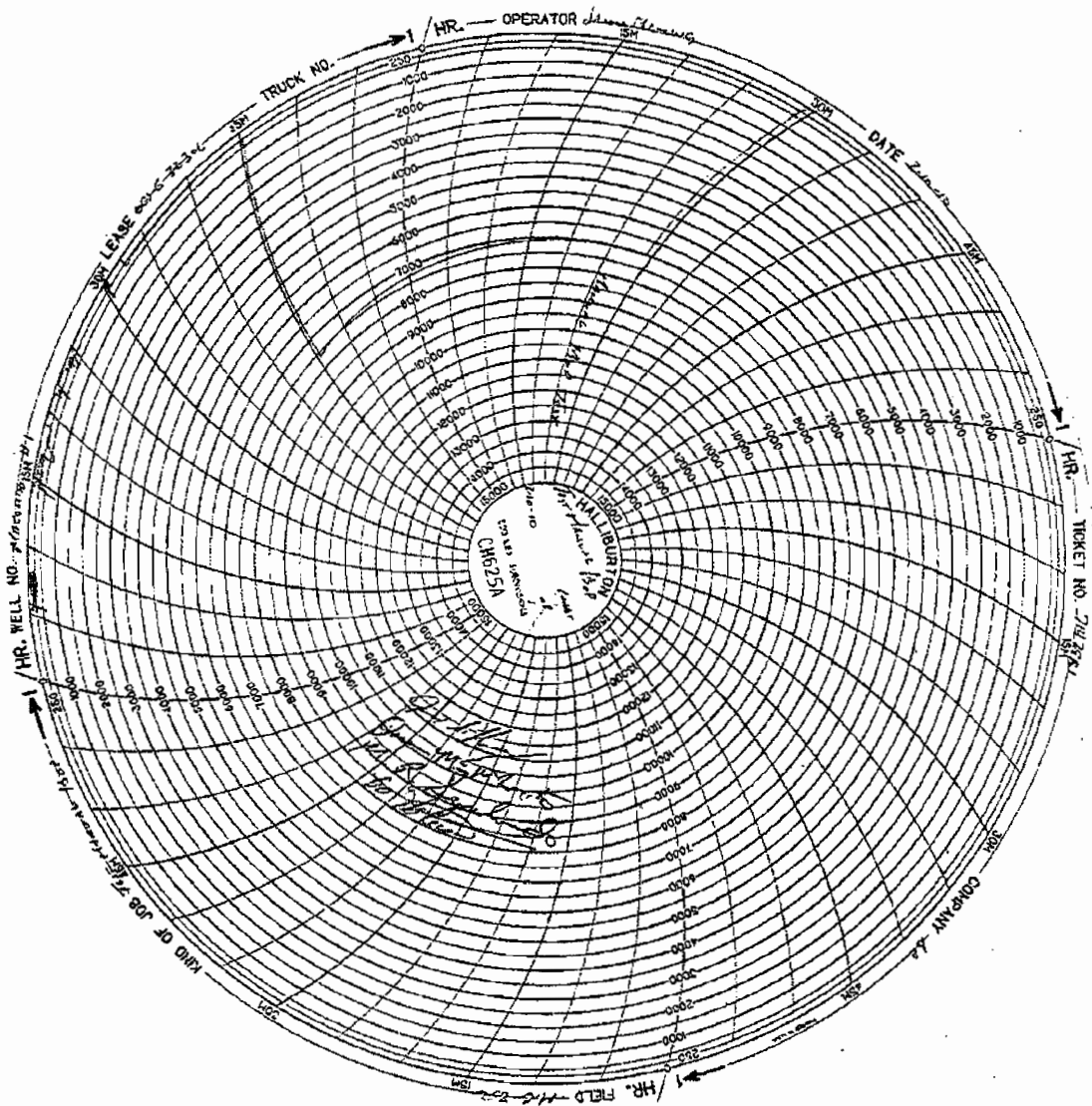


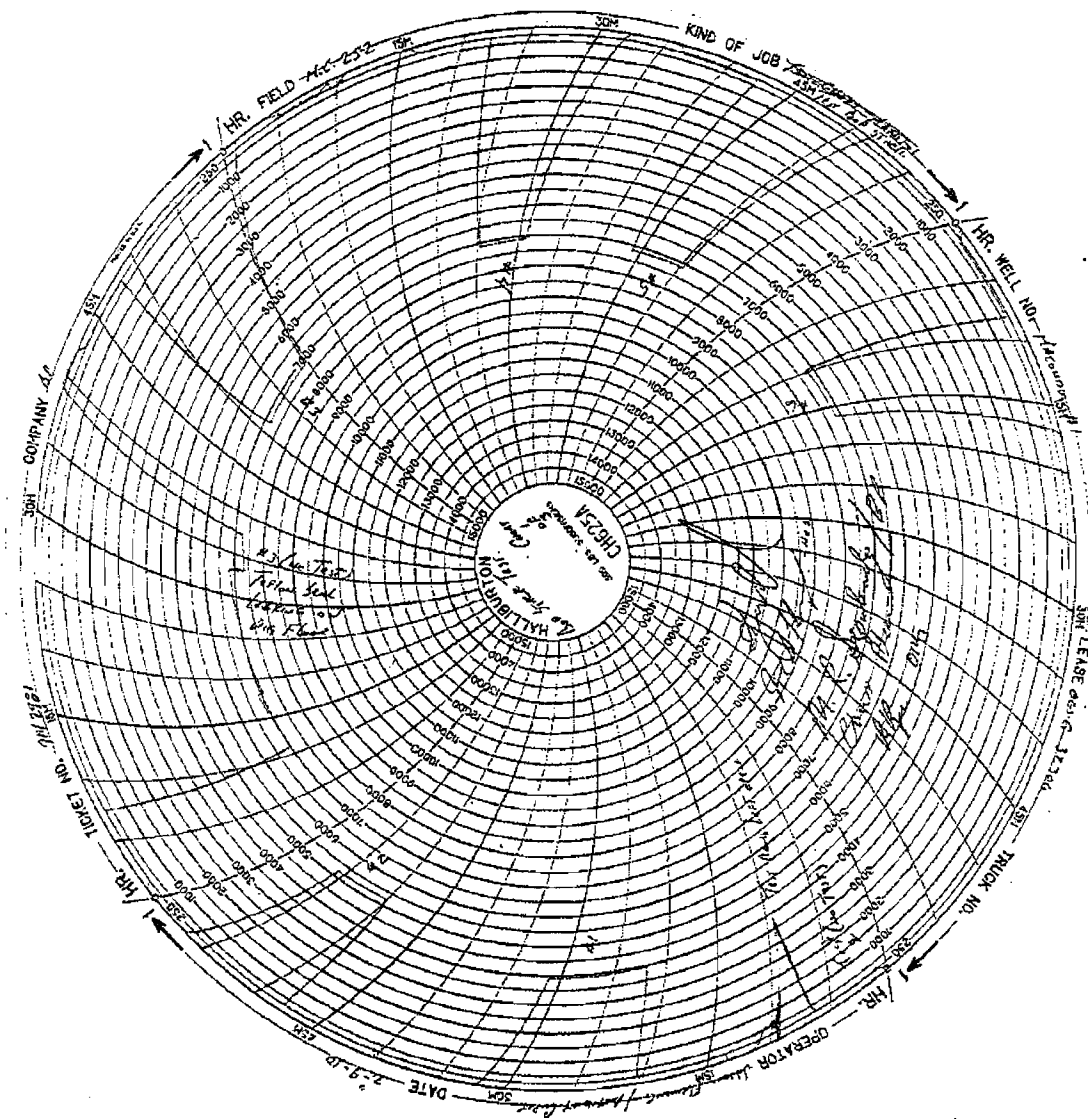
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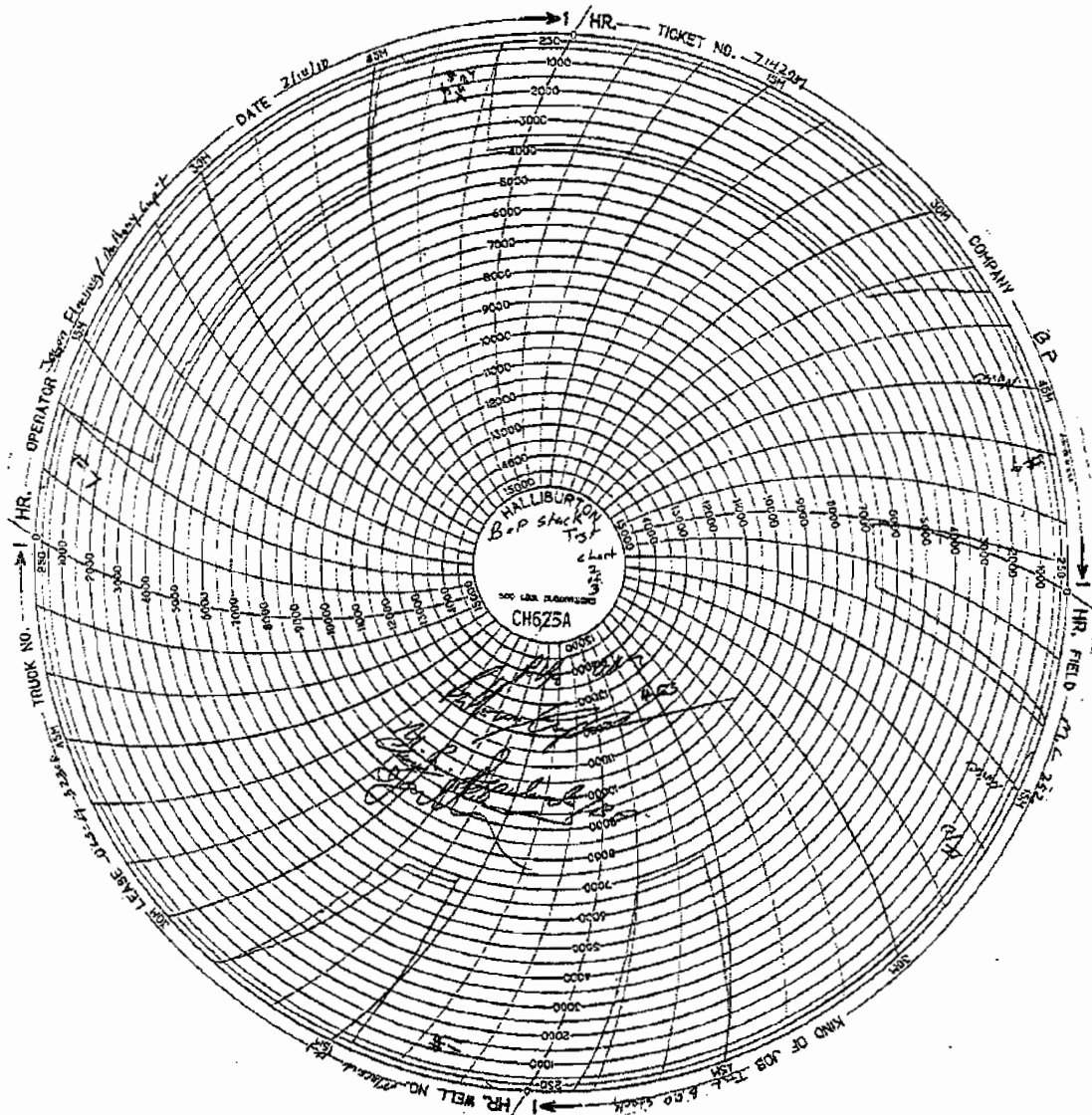
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TRN-MDL-00106425







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