

15-159-22608

17-19s-9w

IND



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Gilbert-Stewart Operating**

1810 Broadway, Ste. 450
Denver, Colorado 80202

ATTN: Adam Kennedy

17-19S 9W Rice KS

Lincoln # 5

Start Date: 2010.03.15 @ 03:18:08

End Date: 2010.03.15 @ 09:49:38

Job Ticket #: 35689 DST #: 1

RECEIVED

AUG 23 2010

KCC WICHITA

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Gilbert-Stewart Operating

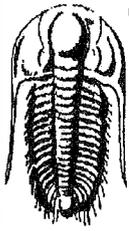
Lincoln # 5

17-19S 9W Rice KS

DST # 1

Lansing/K.C.' A - D"

2010.03.15



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Gilbert-Stewart Operating

Lincoln # 5

1810 Broadway, Ste. 450
Denver, Colorado 80202

17-19S 9W Rice KS

Job Ticket: 35689

DST#: 1

ATTN: Adam Kennedy

Test Start: 2010.03.15 @ 03:18:08

GENERAL INFORMATION:

Formation: **Lansing/K.C." A - D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:29:38

Time Test Ended: 09:49:38

Test Type: Conventional Bottom Hole

Tester: Jerry Adams

Unit No: 45

Interval: **2884.00 ft (KB) To 2962.00 ft (KB) (TVD)**

Reference Elevations: 1728.00 ft (KB)

Total Depth: 2962.00 ft (KB) (TVD)

1719.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 6798

Inside

Press@RunDepth: 24.87 psig @ 2889.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.03.15 End Date: 2010.03.15

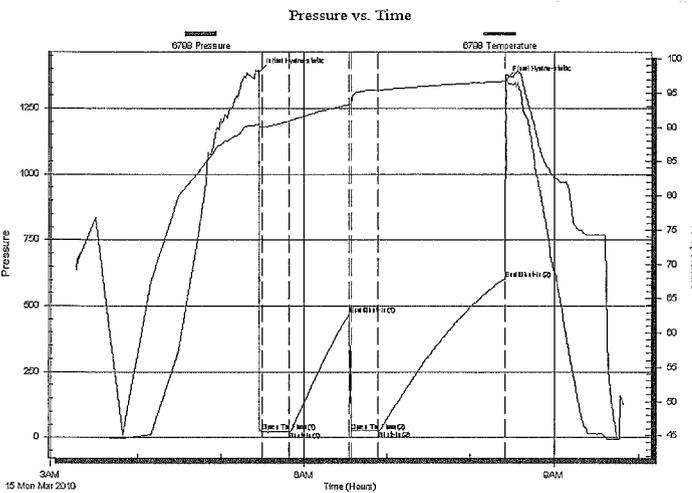
Last Calib.: 2010.03.15

Start Time: 03:18:09 End Time: 09:49:38

Time On Btm: 2010.03.15 @ 05:27:38

Time Off Btm: 2010.03.15 @ 08:25:38

TEST COMMENT: IF: Fair blow . B.O.B. in 15 mins.
IS: No blow .
FF: Strong blow . B.O.B. in 10 secs.
FS: No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1389.51	90.39	Initial Hydro-static
2	21.61	90.05	Open To Flow (1)
22	22.17	90.92	Shut-In(1)
65	466.33	93.25	End Shut-In(1)
67	23.54	93.22	Open To Flow (2)
86	24.87	95.40	Shut-In(2)
177	603.39	96.75	End Shut-In(2)
178	1359.44	97.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	VSGCM w/oil scum 2%g 98%m	0.28
0.00	228' GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gilbert-Stewart Operating

Lincoln # 5

1810 Broadway, Ste. 450
Denver, Colorado 80202

17 19S 9W Rice KS

Job Ticket: 35689

DST#: 1

ATTN: Adam Kennedy

Test Start: 2010.03.15 @ 03:18:08

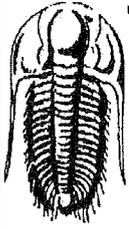
Tool Information

Drill Pipe:	Length: 2889.00 ft	Diameter: 3.80 inches	Volume: 40.53 bbl	Tool Weight: 2700.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			Total Volume: 40.53 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	2884.00 ft			Final 35000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	78.00 ft			
Tool Length:	106.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			2861.00	
Hydraulic tool	5.00			2866.00	
Jars	5.00			2871.00	
Safety Joint	3.00			2874.00	
Packer	5.00			2879.00	28.00 Bottom Of Top Packer
Packer	5.00			2884.00	
Stubb	1.00			2885.00	
Perforations	3.00			2888.00	
Change Over Sub	1.00			2889.00	
Recorder	0.00	6798	Inside	2889.00	
Recorder	0.00	8367	Outside	2889.00	
Blank Spacing	62.00			2951.00	
Change Over Sub	1.00			2952.00	
Perforations	7.00			2959.00	
Bullnose	3.00			2962.00	78.00 Bottom Packers & Anchor

Total Tool Length: 106.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Gilbert-Stewart Operating

Lincoln # 5

1810 Broadway, Ste. 450
Denver, Colorado 80202

17 19S 9W Rice KS

Job Ticket: 35689

DST#: 1

ATTN: Adam Kennedy

Test Start: 2010.03.15 @ 03:18:08

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.94 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.21 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	VSGCM w/oil scum 2%g 98%m	0.281
0.00	228' GIP	0.000

Total Length: 20.00 ft

Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6798

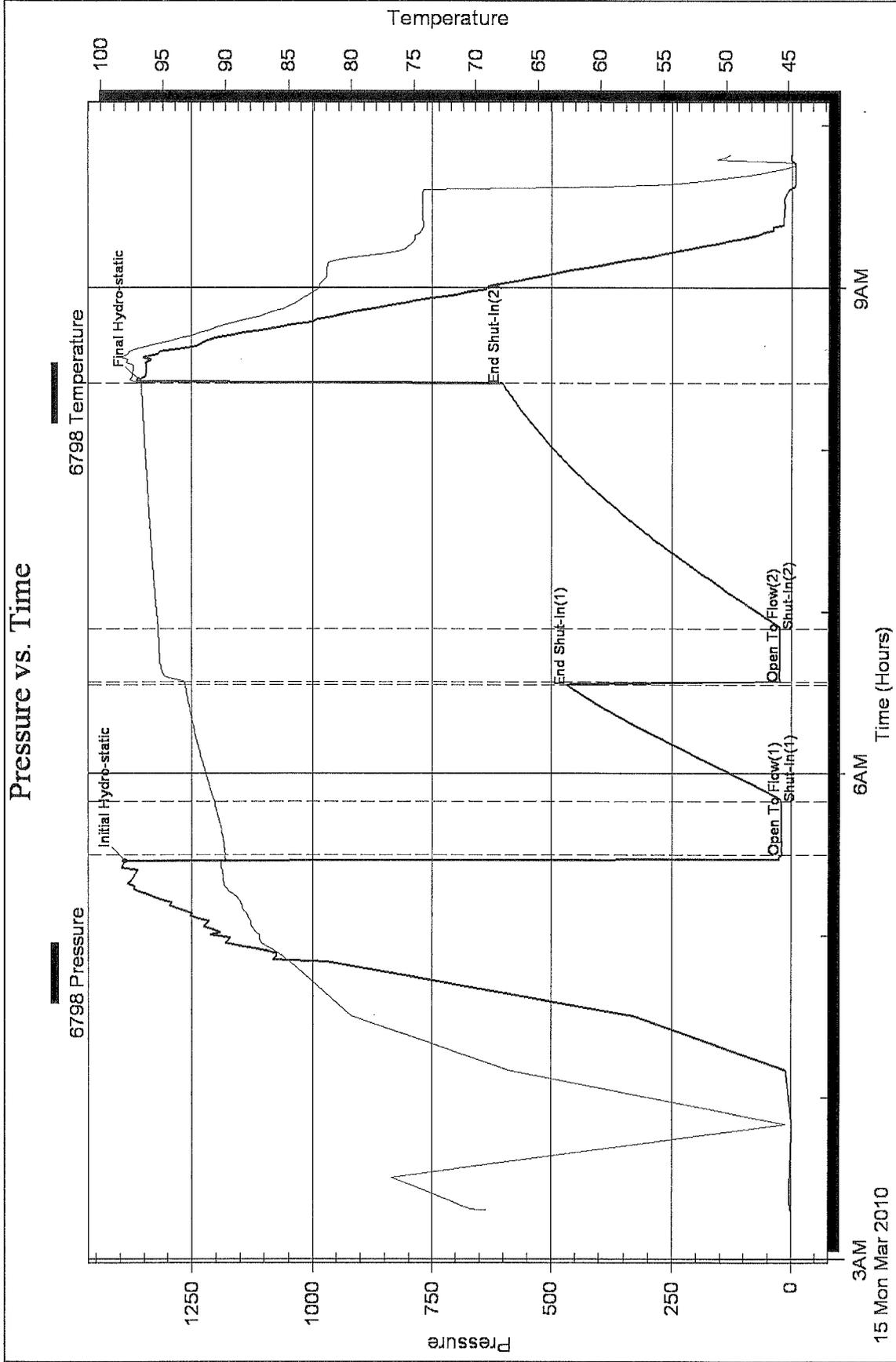
Inside

Gilbert-Stewart Operating

17 19S 9W Rice KS

DST Test Number: 1

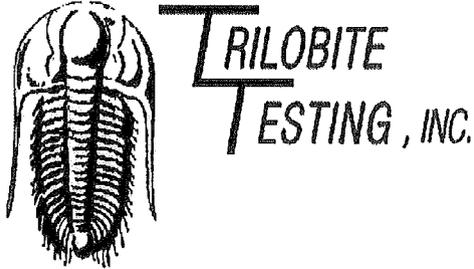
Pressure vs. Time



3AM
15 Mon Mar 2010

6AM

9AM



DRILL STEM TEST REPORT

Prepared For: **Gilbert-Stewart Operating**

1810 Broadway, Ste. 450
Denver, Colorado 80202

ATTN: Adam Kennedy

17-19S 9W Rice KS

Lincoln # 5

Start Date: 2010.03.16 @ 00:33:23

End Date: 2010.03.16 @ 06:54:23

Job Ticket #: 35690 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Gilbert-Stewart Operating

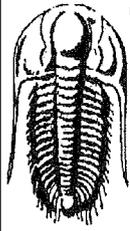
Lincoln # 5

17-19S 9W Rice KS

DST # 2

Lansing/K.C. " J-K "

2010.03.16



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Gilbert-Stewart Operating

Lincoln # 5

1810 Broadway, Ste. 450
Denver, Colorado 80202

17-19S 9W Rice KS

Job Ticket: 35690

DST#: 2

ATTN: Adam Kennedy

Test Start: 2010.03.16 @ 00:33:23

GENERAL INFORMATION:

Formation: **Lansing/K.C. " J-K "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:22:53

Time Test Ended: 06:54:23

Test Type: Conventional Bottom Hole

Tester: Jerry Adams

Unit No: 45

Interval: **3065.00 ft (KB) To 3163.00 ft (KB) (TVD)**

Reference Elevations: 1728.00 ft (KB)

Total Depth: 3163.00 ft (KB) (TVD)

1719.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 6798

Inside

Press@RunDepth: 52.29 psig @ 3072.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.03.16

End Date:

2010.03.16

Last Calib.: 2010.03.16

Start Time: 00:33:24

End Time:

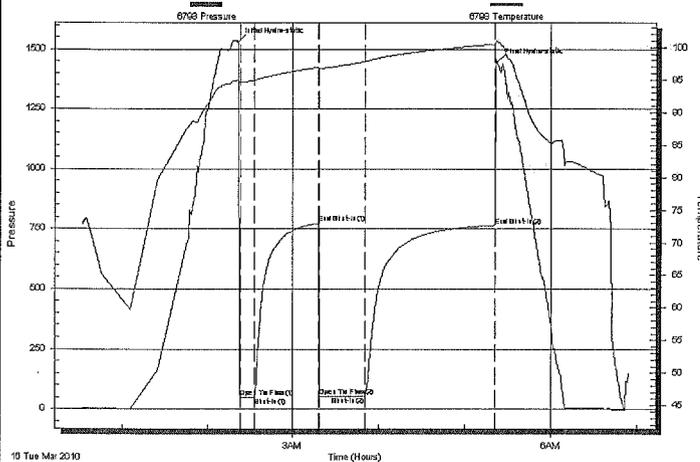
06:54:23

Time On Btm: 2010.03.16 @ 02:21:23

Time Off Btm: 2010.03.16 @ 05:22:23

TEST COMMENT: IF:Weak blow . Steady at an 1/8 of an inch.
IS:No blow .
FF:Weak blow . Built to 1/4".
FS:No blow .

Pressure vs. Time



PRESSURE SUMMARY

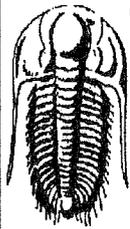
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1528.55	94.89	Initial Hydro-static
2	49.49	94.64	Open To Flow (1)
12	50.15	94.89	Shut-In(1)
57	773.67	96.91	End Shut-In(1)
58	52.26	96.70	Open To Flow (2)
89	52.29	97.78	Shut-In(2)
180	765.65	100.48	End Shut-In(2)
181	1445.30	101.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Drilling Mud 100% m	0.84

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gilbert-Stewart Operating

Lincoln # 5

1810 Broadway, Ste. 450
Denver, Colorado 80202

17 19S 9W Rice KS

Job Ticket: 35690

DST#: 2

ATTN: Adam Kennedy

Test Start: 2010.03.16 @ 00:33:23

Tool Information

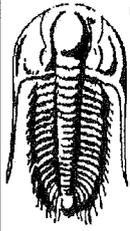
Drill Pipe:	Length: 3043.00 ft	Diameter: 3.80 inches	Volume: 42.69 bbl	Tool Weight: 2700.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 42.69 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	3065.00 ft			Final 35000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	98.00 ft			
Tool Length:	126.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool slid 2' after being open for 5 mins. causing tool to flush.

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3042.00	
Hydraulic tool	5.00			3047.00	
Jars	5.00			3052.00	
Safety Joint	3.00			3055.00	
Packer	5.00			3060.00	28.00 Bottom Of Top Packer
Packer	5.00			3065.00	
Stubb	1.00			3066.00	
Perforations	5.00			3071.00	
Change Over Sub	1.00			3072.00	
Recorder	0.00	6798	Inside	3072.00	
Recorder	0.00	8367	Outside	3072.00	
Blank Spacing	62.00			3134.00	
Change Over Sub	1.00			3135.00	
Perforations	25.00			3160.00	
Bullnose	3.00			3163.00	98.00 Bottom Packers & Anchor

Total Tool Length: 126.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Gilbert-Stewart Operating
1810 Broadway, Ste. 450
Denver, Colorado 80202
ATTN: Adam Kennedy

Lincoln # 5
17 19S 9W Rice KS
Job Ticket: 35690 **DST#: 2**
Test Start: 2010.03.16 @ 00:33:23

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.94 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4700.00 ppm			
Filter Cake: 0.21 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Drilling Mud 100%m	0.842

Total Length: 60.00 ft Total Volume: 0.842 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
 Laboratory Name: Laboratory Location:
 Recovery Comments:

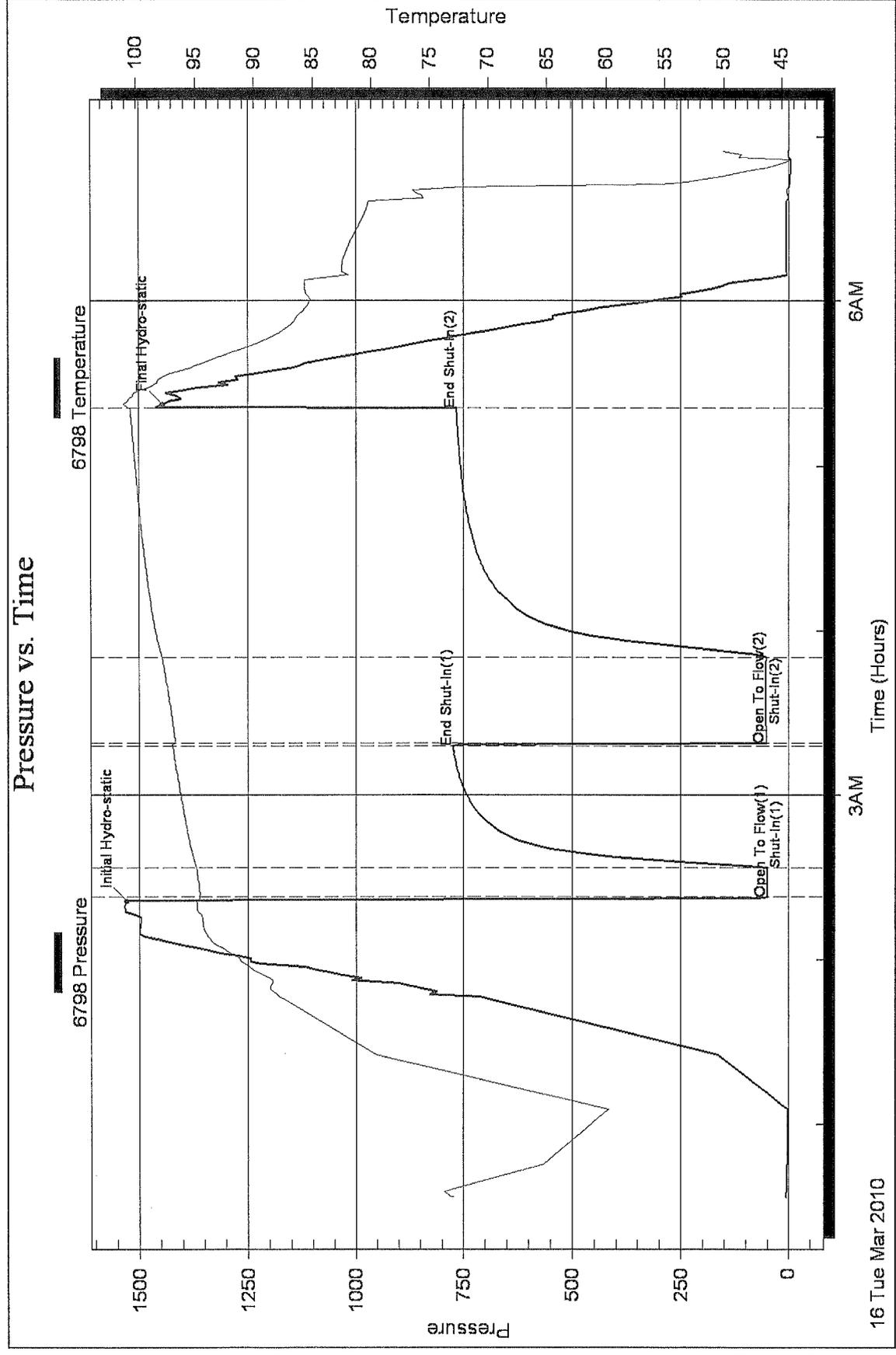
Serial #: 6798

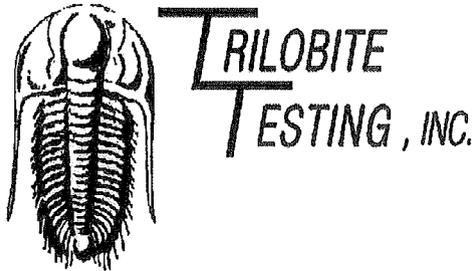
Inside

Gilbert-Stewart Operating

17 19S 9W Rice KS

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Gilbert-Stewart Operating**

1810 Broadway, Ste. 450
Denver, Colorado 80202

ATTN: Adam Kennedy

17-19S 9W Rice KS

Lincoln # 5

Start Date: 2010.03.16 @ 16:00:24

End Date: 2010.03.16 @ 21:56:54

Job Ticket #: 35691 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Gilbert-Stewart Operating
1810 Broadway, Ste. 450
Denver, Colorado 80202
ATTN: Adam Kennedy

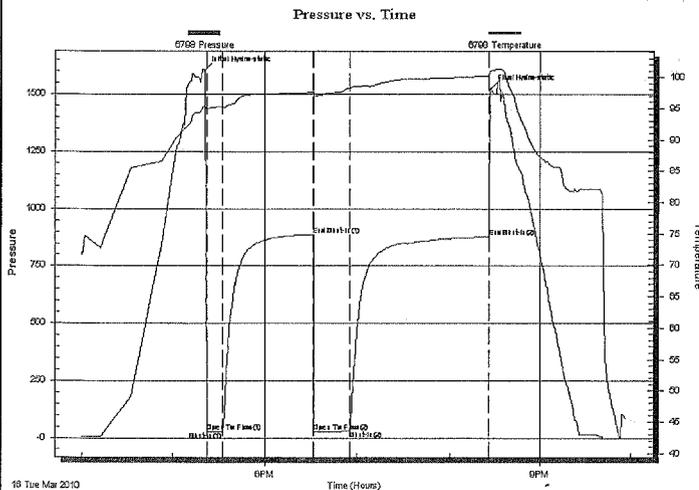
Lincoln # 5
17-19S 9W Rice KS
Job Ticket: 35691 **DST#: 3**
Test Start: 2010.03.16 @ 16:00:24

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:21:54
Time Test Ended: 21:56:54
Test Type: Conventional Bottom Hole
Tester: Jerry Adams
Unit No: 45
Interval: **3180.00 ft (KB) To 3257.00 ft (KB) (TVD)**
Reference Elevations: 1728.00 ft (KB)
Total Depth: 3257.00 ft (KB) (TVD) 1719.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 9.00 ft

Serial #: 6798 **Inside**
Press@RunDepth: 30.33 psig @ 3185.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.03.16 End Date: 2010.03.16 Last Calib.: 2010.03.16
Start Time: 16:00:25 End Time: 21:56:54 Time On Btm: 2010.03.16 @ 17:20:54
Time Off Btm: 2010.03.16 @ 20:27:24

TEST COMMENT: IF:Weak blow . Built to 1 1/4".
IS:No blow .
FF:Weak blow . Built to 1".
FS:No blow .



PRESSURE SUMMARY

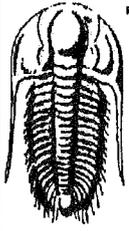
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1604.53	95.31	Initial Hydro-static
1	26.16	94.80	Open To Flow (1)
12	26.25	95.10	Shut-In(1)
71	887.47	97.56	End Shut-In(1)
72	27.46	97.03	Open To Flow (2)
95	30.33	98.32	Shut-In(2)
185	876.67	100.24	End Shut-In(2)
187	1525.63	100.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
18.00	Drilling Mud 100% _m	0.25
2.00	Clean Oil 100% _o	0.03

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gilbert-Stewart Operating

Lincoln # 5

1810 Broadway, Ste. 450
Denver, Colorado 80202

17 19S 9W Rice KS

Job Ticket: 35691

DST#: 3

ATTN: Adam Kennedy

Test Start: 2010.03.16 @ 16:00:24

Tool Information

Drill Pipe:	Length: 3168.00 ft	Diameter: 3.80 inches	Volume: 44.44 bbl	Tool Weight: 2700.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 42000.00 lb
			Total Volume: 44.44 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 37000.00 lb
Depth to Top Packer:	3180.00 ft			Final 37000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	77.00 ft			
Tool Length:	105.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3157.00	
Hydraulic tool	5.00			3162.00	
Jars	5.00			3167.00	
Safety Joint	3.00			3170.00	
Packer	5.00			3175.00	28.00 Bottom Of Top Packer
Packer	5.00			3180.00	
Stubb	1.00			3181.00	
Perforations	3.00			3184.00	
Change Over Sub	1.00			3185.00	
Recorder	0.00	6798	Inside	3185.00	
Recorder	0.00	8367	Outside	3185.00	
Blank Spacing	62.00			3247.00	
Change Over Sub	1.00			3248.00	
Perforations	6.00			3254.00	
Bullnose	3.00			3257.00	77.00 Bottom Packers & Anchor

Total Tool Length: 105.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Gilbert-Stewart Operating

Lincoln # 5

1810 Broadway, Ste. 450
Denver, Colorado 80202

17 19S 9W Rice KS

Job Ticket: 35691

DST#: 3

ATTN: Adam Kennedy

Test Start: 2010.03.16 @ 16:00:24

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.15 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.21 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
18.00	Drilling Mud 100% _m	0.252
2.00	Clean Oil 100% _o	0.028

Total Length: 20.00 ft

Total Volume: 0.280 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6798

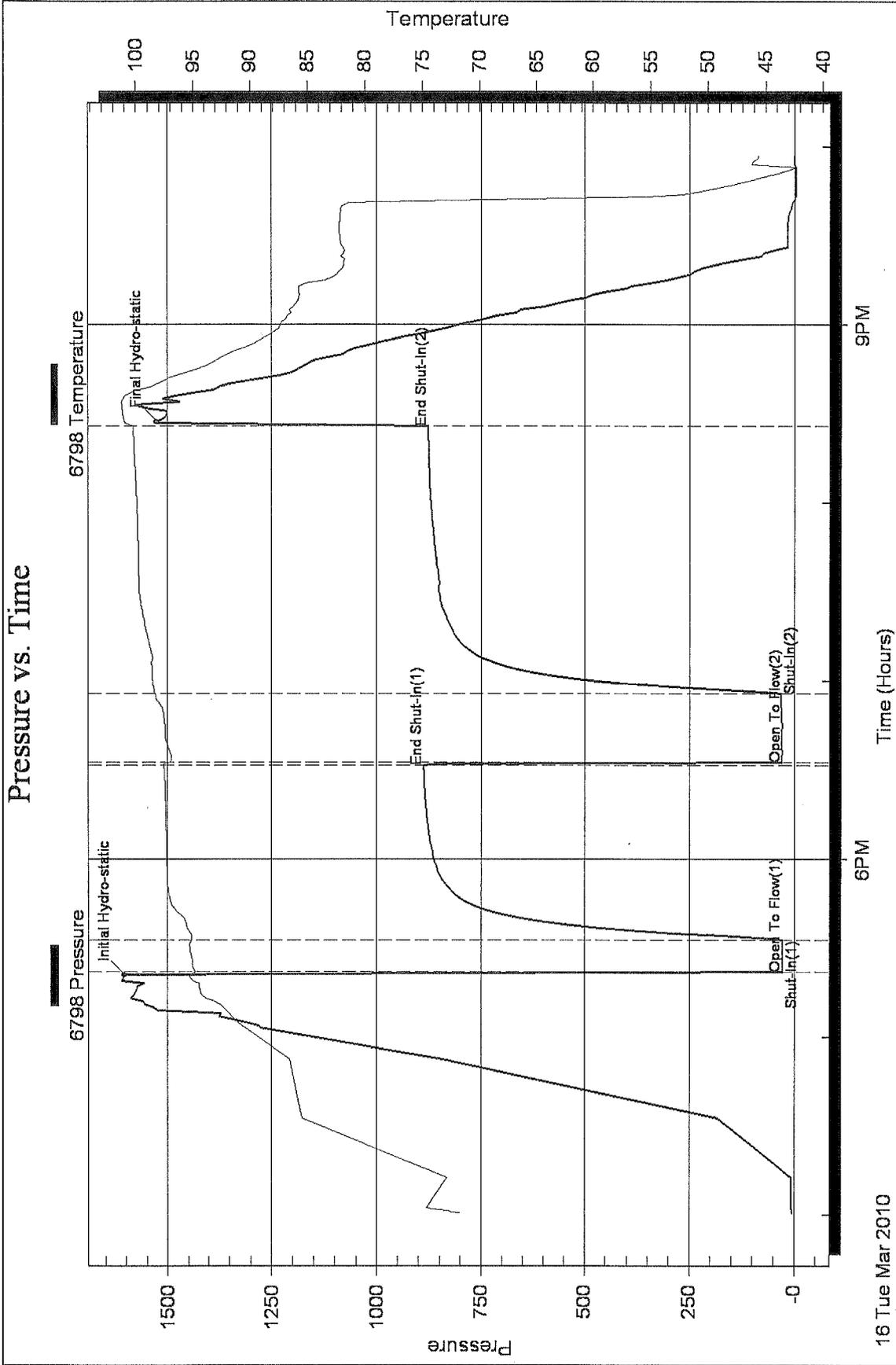
Inside

Gilbert-Stewart Operating

17 19S 9W Rice KS

DST Test Number: 3

Pressure vs. Time



16 Tue Mar 2010

Trilobite Testing, Inc

Ref. No: 35691

Printed: 2010.03.31 @ 12:46:38 Page 5



DRILL STEM TEST REPORT

Prepared For: **Gilbert-Stewart Operating**

1810 Broadway, Ste. 450
Denver, Colorado 80202

ATTN: Adam Kennedy

17 19S 9W Rice KS

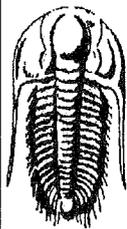
Lincoln # 5

Start Date: 2010.03.17 @ 02:59:41

End Date: 2010.03.17 @ 09:48:41

Job Ticket #: 35692 DST #: 4

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Gilbert-Stewart Operating

Lincoln # 5

1810 Broadway, Ste. 450
Denver, Colorado 80202

17 19S 9W Rice KS

Job Ticket: 35692

DST#: 4

ATTN: Adam Kennedy

Test Start: 2010.03.17 @ 02:59:41

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:46:41
Time Test Ended: 09:48:41

Test Type: Conventional Bottom Hole
Tester: Jerry Adams
Unit No: 45

Interval: **3257.00 ft (KB) To 3266.00 ft (KB) (TVD)**
Total Depth: 3266.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1728.00 ft (KB)
1719.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6798

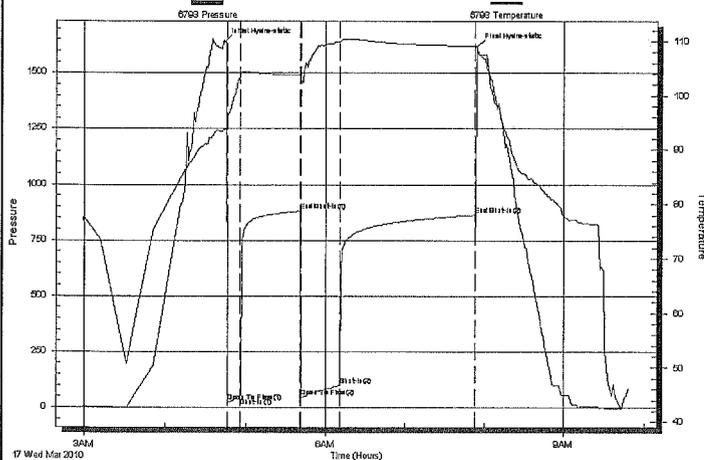
Inside

Press@RunDepth: 98.56 psig @ 3258.00 ft (KB)
Start Date: 2010.03.17 End Date: 2010.03.17
Start Time: 02:59:42 End Time: 09:48:41

Capacity: 8000.00 psig
Last Calib.: 2010.03.17
Time On Btm: 2010.03.17 @ 04:44:41
Time Off Btm: 2010.03.17 @ 07:54:41

TEST COMMENT: IF: Fair blow . B.O.B. in 10 mins.
ISI: Weak blow . Built to 2".
FF: Fair blow . B.O.B. in 13 mins.
FSI: Weak blow . Built to 4", decreased to 2".

Pressure vs. Time



PRESSURE SUMMARY

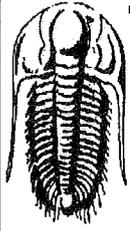
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1638.81	93.80	Initial Hydro-static
2	24.20	96.02	Open To Flow (1)
12	44.14	103.69	Shut-In(1)
56	880.82	103.81	End Shut-In(1)
57	46.88	102.76	Open To Flow (2)
87	98.56	109.80	Shut-In(2)
189	863.05	109.14	End Shut-In(2)
190	1616.85	109.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SO&WCM 4%o 21%w 75% m	0.84
75.00	MCW 80%w 20% m	1.05
0.00	50' GIP	0.00
0.00	RW = .44 @ 53 deg.	0.00
0.00	Grav. = 41 API @ 40 deg.	0.00

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gilbert-Stewart Operating

Lincoln # 5

1810 Broadway, Ste. 450
Denver, Colorado 80202

17 19S 9W Rice KS

Job Ticket: 35692

DST#: 4

ATTN: Adam Kennedy

Test Start: 2010.03.17 @ 02:59:41

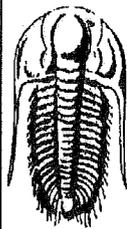
Tool Information

Drill Pipe:	Length: 3262.00 ft	Diameter: 3.80 inches	Volume: 45.76 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 45.76 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 37000.00 lb
Depth to Top Packer:	3257.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	9.00 ft			
Tool Length:	37.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3234.00	
Hydraulic tool	5.00			3239.00	
Jars	5.00			3244.00	
Safety Joint	3.00			3247.00	
Packer	5.00			3252.00	28.00 Bottom Of Top Packer
Packer	5.00			3257.00	
Stubb	1.00			3258.00	
Recorder	0.00	6798	Inside	3258.00	
Recorder	0.00	8367	Outside	3258.00	
Perforations	5.00			3263.00	
Bullnose	3.00			3266.00	9.00 Bottom Packers & Anchor

Total Tool Length: 37.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Gilbert-Stewart Operating

Lincoln # 5

1810 Broadway, Ste. 450
Denver, Colorado 80202

17 19S 9W Rice KS

Job Ticket: 35692

DST#: 4

ATTN: Adam Kennedy

Test Start: 2010.03.17 @ 02:59:41

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

43 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

26000 ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.15 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.21 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	SO&WCM 4%o 21%w 75%m	0.842
75.00	MCW 80%w 20%m	1.052
0.00	50' GIP	0.000
0.00	RW = .44 @ 53 deg.	0.000
0.00	Grav. = 41 API @ 40 deg.	0.000

Total Length: 135.00 ft

Total Volume: 1.894 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

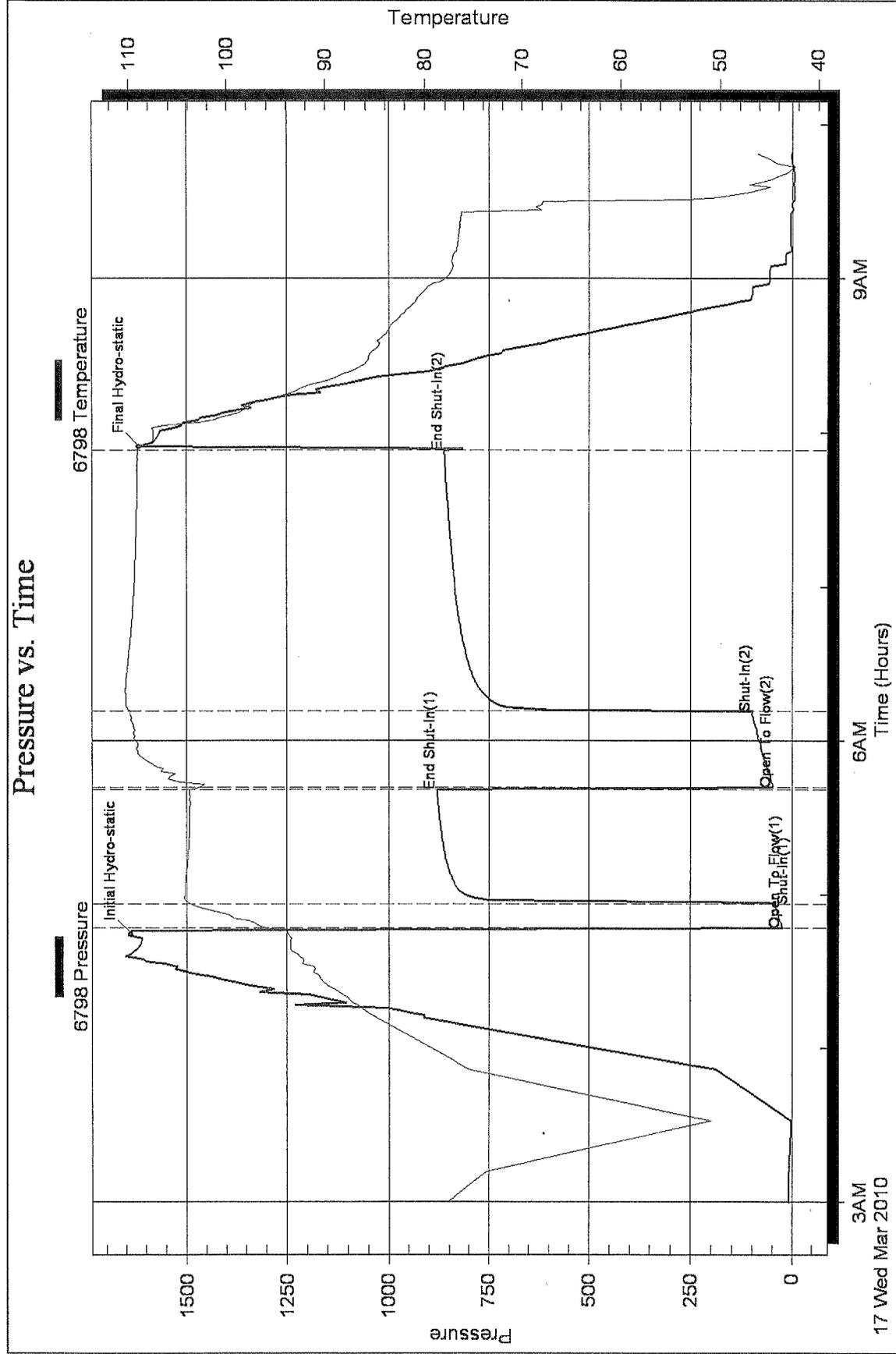
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Gilbert-Stewart Operating**

1810 Broadway, Ste. 450
Denver, Colorado 80202

ATTN: Adam Kennedy

17 19S 9W Rice KS

Lincoln # 5

Start Date: 2010.03.17 @ 15:27:50

End Date: 2010.03.17 @ 21:24:50

Job Ticket #: 35693 DST #: 5

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Gilbert-Stewart Operating
1810 Broadway, Ste. 450
Denver, Colorado 80202
ATTN: Adam Kennedy

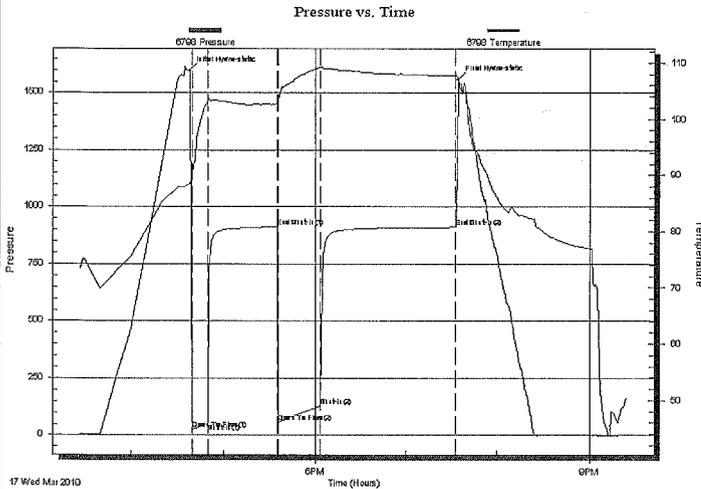
Lincoln # 5
17 19S 9W Rice KS
Job Ticket: 35693 **DST#: 5**
Test Start: 2010.03.17 @ 15:27:50

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:39:20
Time Test Ended: 21:24:50
Test Type: Conventional Bottom Hole
Tester: Jerry Adams
Unit No: 45
Interval: **3266.00 ft (KB) To 3277.00 ft (KB) (TVD)**
Reference Elevations: 1728.00 ft (KB)
Total Depth: 3277.00 ft (KB) (TVD) 1719.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 9.00 ft

Serial #: 6798 Inside
Press@RunDepth: 127.13 psig @ 3267.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.03.17 End Date: 2010.03.17 Last Calib.: 2010.03.17
Start Time: 15:27:51 End Time: 21:24:50 Time On Btm: 2010.03.17 @ 16:37:50
Time Off Btm: 2010.03.17 @ 19:34:20

TEST COMMENT: IF:Fair blow . Built to 10".
ISI:Weak blow . Built to 1 1/2".
FF:Fair blow . B.O.B. in 16 mins.
FSI:Weak blow . Built to 2".



PRESSURE SUMMARY

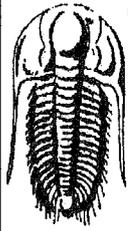
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1596.83	88.43	Initial Hydro-static
2	26.35	90.04	Open To Flow (1)
12	52.48	103.20	Shut-In(1)
57	913.55	102.62	End Shut-In(1)
58	56.71	103.21	Open To Flow (2)
86	127.13	109.16	Shut-In(2)
175	912.57	107.79	End Shut-In(2)
177	1560.41	107.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	Clean Gsy Oil 2%g 98%o	0.98
75.00	SGW&OCM 2%g 12%o 2%w 84%m	1.05
115.00	MWw/oil scum 75%w 25%m	1.61
0.00	Grav. 41 API @ 40 deg.	0.00
0.00	RW = .31 @ 63 deg.	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gilbert-Stewart Operating

Lincoln # 5

1810 Broadway, Ste. 450
Denver, Colorado 80202

17 19S 9W Rice KS

Job Ticket: 35693

DST#: 5

ATTN: Adam Kennedy

Test Start: 2010.03.17 @ 15:27:50

Tool Information

Drill Pipe:	Length: 3262.00 ft	Diameter: 3.80 inches	Volume: 45.76 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 42000.00 lb
			<u>Total Volume: 45.76 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 37000.00 lb
Depth to Top Packer:	3266.00 ft			Final 39000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	39.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3243.00	
Hydraulic tool	5.00			3248.00	
Jars	5.00			3253.00	
Safety Joint	3.00			3256.00	
Packer	5.00			3261.00	28.00 Bottom Of Top Packer
Packer	5.00			3266.00	
Stubb	1.00			3267.00	
Recorder	0.00	6798	Inside	3267.00	
Recorder	0.00	8367	Outside	3267.00	
Perforations	7.00			3274.00	
Bullnose	3.00			3277.00	11.00 Bottom Packers & Anchor
Total Tool Length:		39.00			



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Gilbert-Stewart Operating

Lincoln # 5

1810 Broadway, Ste. 450
Denver, Colorado 80202

17 19S 9W Rice KS

Job Ticket: 35693

DST#: 5

ATTN: Adam Kennedy

Test Start: 2010.03.17 @ 15:27:50

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

43 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

27000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.56 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7400.00 ppm

Filter Cake: 0.21 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
70.00	Clean Gsy Oil 2%g 98%o	0.982
75.00	SGW&OCM 2%g 12%o 2%w 84%m	1.052
115.00	MWw /oil scum 75%w 25%m	1.613
0.00	Grav. 41 API @ 40 deg.	0.000
0.00	RW = .31 @ 63 deg.	0.000

Total Length: 260.00 ft

Total Volume: 3.647 bbl

Num Fluid Samples: 0

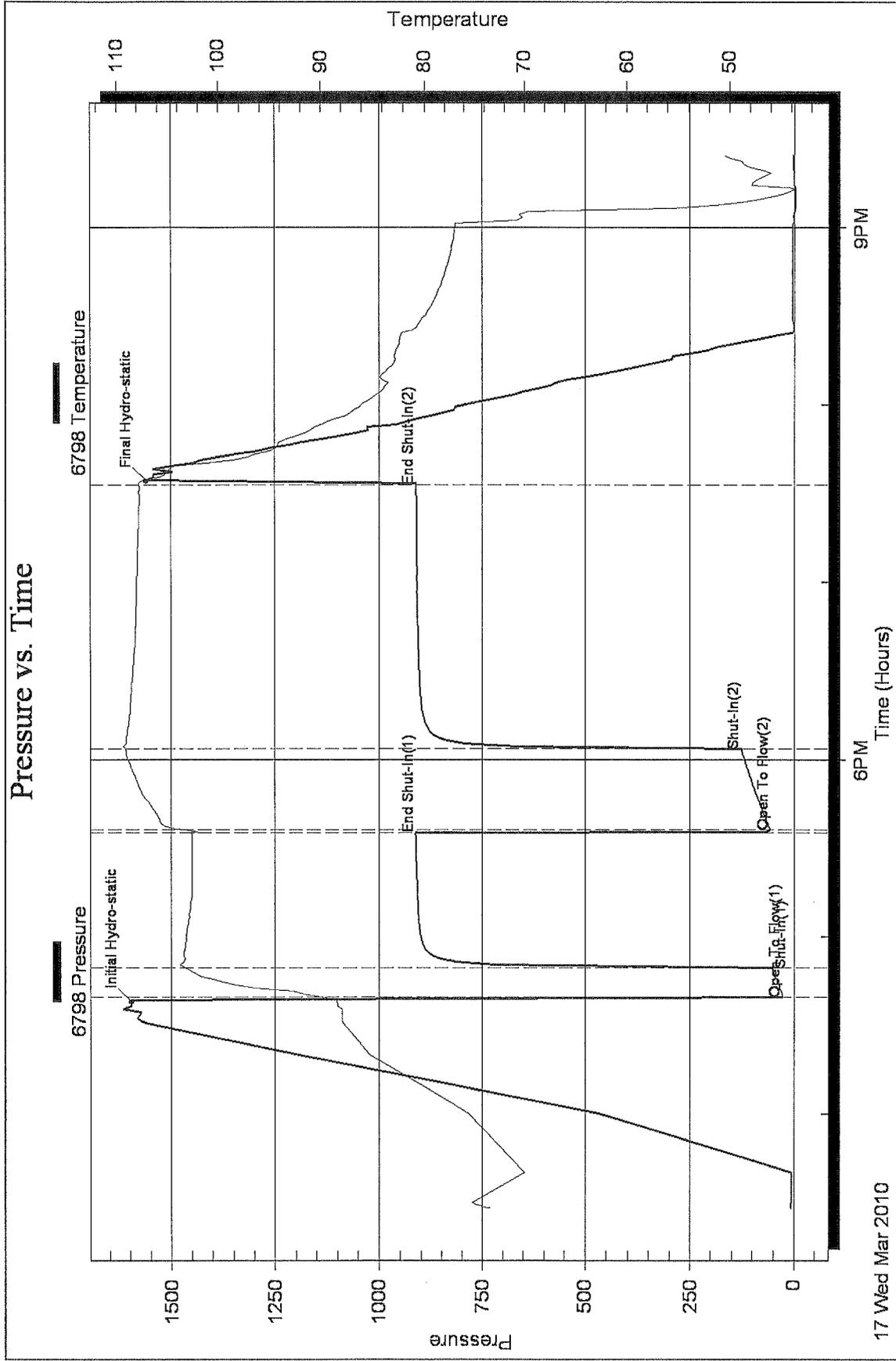
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:



17 Wed Mar 2010

6PM 9PM
Time (Hours)



DRILL STEM TEST REPORT

Prepared For: **Gilbert-Stewart Operating**

1810 Broadway, Ste. 450
Denver, Colorado 80202

ATTN: Adam Kennedy

17 19S 9W Rice KS

Lincoln # 5

Start Date: 2010.03.18 @ 02:19:10

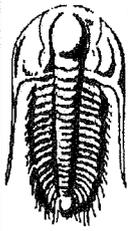
End Date: 2010.03.18 @ 08:33:40

Job Ticket #: 35694 DST #: 6

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Gilbert-Stewart Operating
 1810 Broadway, Ste. 450
 Denver, Colorado 80202
 ATTN: Adam Kennedy

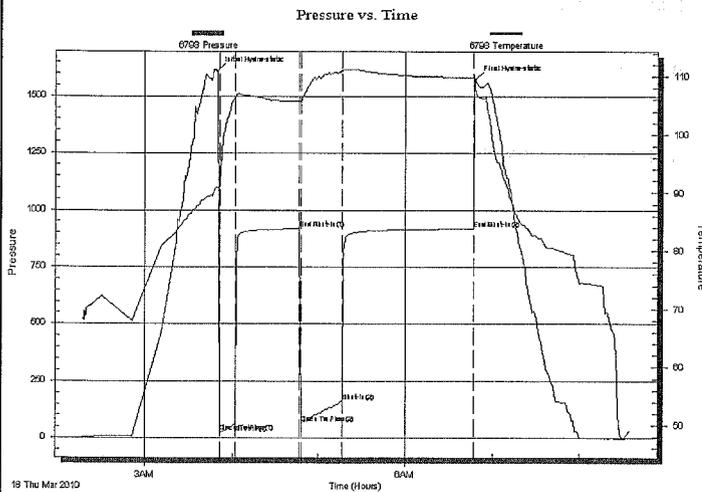
Lincoln # 5
17 19S 9W Rice KS
 Job Ticket: 35694 **DST#: 6**
 Test Start: 2010.03.18 @ 02:19:10

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: **No** Whipstock: ft (KB)
 Time Tool Opened: 03:51:40
 Time Test Ended: 08:33:40
 Interval: **3276.00 ft (KB) To 3283.00 ft (KB) (TVD)**
 Total Depth: **3283.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole**
 Tester: **Jerry Adams**
 Unit No: **45**
 Reference Elevations: **1728.00 ft (KB)**
 1719.00 ft (CF)
 KB to GR/CF: **9.00 ft**

Serial #: 6798 **Inside**
 Press@RunDepth: **160.47 psig @ 3277.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2010.03.18** End Date: **2010.03.18** Last Calib.: **2010.03.18**
 Start Time: **02:19:11** End Time: **08:33:40** Time On Btm: **2010.03.18 @ 03:50:10**
 08:33:40 Time Off Btm: **2010.03.18 @ 06:48:40**

TEST COMMENT: IF: Strong blow . B.O.B. in 8 mins.
 IS: Weak blow . Built to 1/2".
 FF: Strong blow . B.O.B. in 9 mins.
 FSI: No blow .



PRESSURE SUMMARY

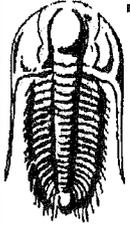
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1610.78	90.87	Initial Hydro-static
2	24.76	91.13	Open To Flow (1)
12	60.03	106.38	Shut-In (1)
57	918.39	105.83	End Shut-In (1)
58	64.06	105.51	Open To Flow (2)
87	160.47	110.79	Shut-In (2)
177	917.46	109.90	End Shut-In (2)
179	1572.97	107.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
330.00	MW 85%w 15%m	4.63
0.00	RW = .30 @ 65 deg	0.00

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gilbert-Stewart Operating

Lincoln # 5

1810 Broadway, Ste. 450
Denver, Colorado 80202

17 19S 9W Rice KS

Job Ticket: 35694

DST#: 6

ATTN: Adam Kennedy

Test Start: 2010.03.18 @ 02:19:10

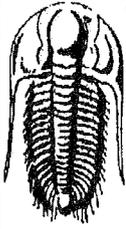
Tool Information

Drill Pipe:	Length: 3262.00 ft	Diameter: 3.80 inches	Volume: 45.76 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 44000.00 lb
			<u>Total Volume: 45.76 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3276.00 ft			Final 39000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	7.00 ft			
Tool Length:	35.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3253.00	
Hydraulic tool	5.00			3258.00	
Jars	5.00			3263.00	
Safety Joint	3.00			3266.00	
Packer	5.00			3271.00	28.00 Bottom Of Top Packer
Packer	5.00			3276.00	
Stubb	1.00			3277.00	
Recorder	0.00	6798	Inside	3277.00	
Recorder	0.00	8367	Outside	3277.00	
Perforations	3.00			3280.00	
Bullnose	3.00			3283.00	7.00 Bottom Packers & Anchor

Total Tool Length: 35.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Gilbert-Stewart Operating
1810 Broadway, Ste. 450
Denver, Colorado 80202
ATTN: Adam Kennedy

Lincoln # 5
17 19S 9W Rice KS
Job Ticket: 35694 **DST#: 6**
Test Start: 2010.03.18 @ 02:19:10

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 25000 ppm	
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.57 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 7400.00 ppm			
Filter Cake: 0.21 inches			

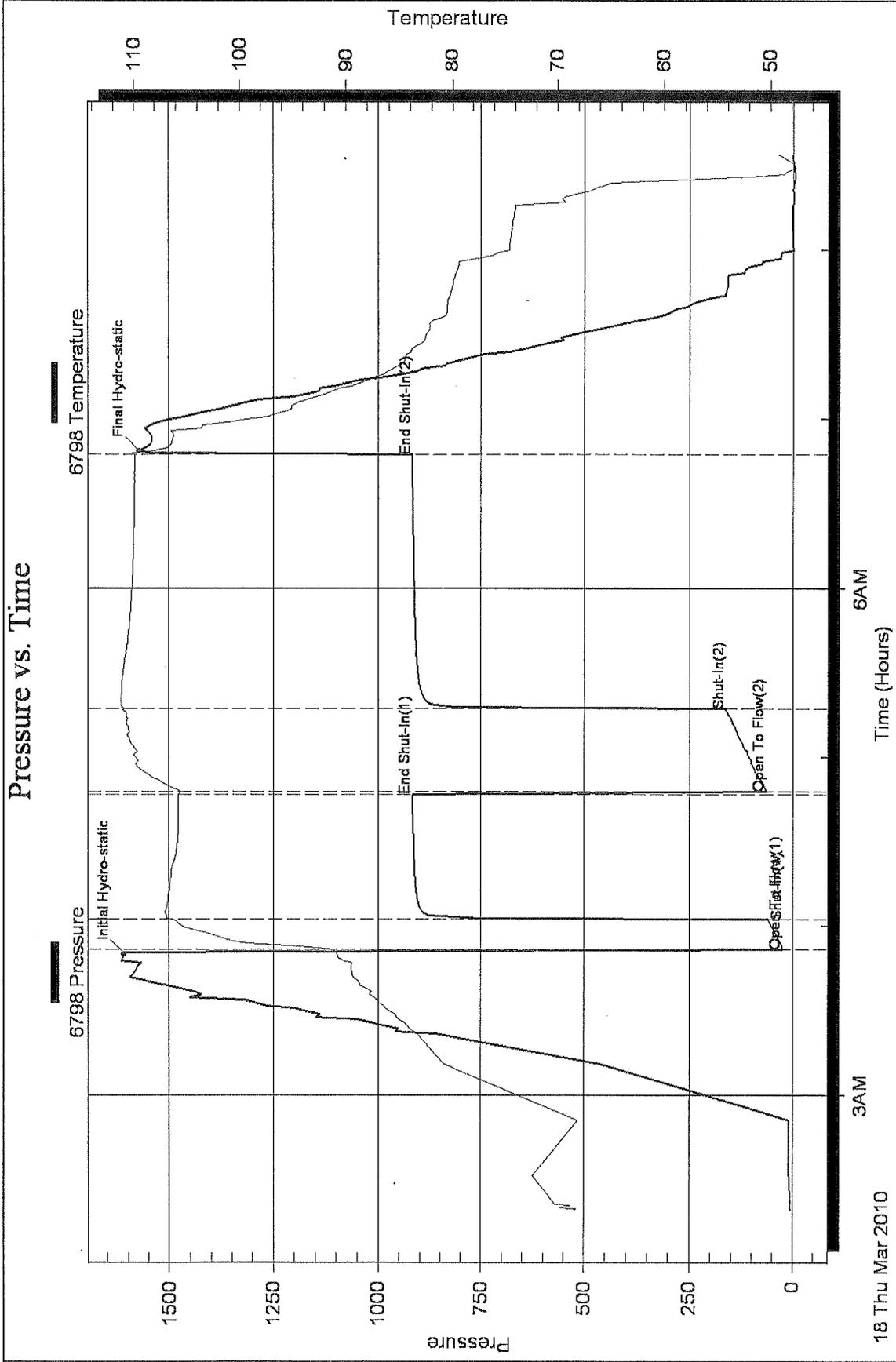
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
330.00	MW 85%w 15%m	4.629
0.00	RW = .30 @ 65 deg	0.000

Total Length: 330.00 ft Total Volume: 4.629 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 35689 14036

RECEIVED
MAR 22 2010

Well Name & No. Lincoln #5 Test No. 1 Date 3-15-10
 Company Gilbert-Stewart Operating Elevation 1728 KB 1719 GL
 Address 1810 Broadway, Ste 450 Denver, Colorado 80202
 Co. Rep / Geo. Adam Kennedy Rig Southwind Drlg #2
 Location: Sec. 17 Twp. 19S Rge. 9W Co. Rice State Ks.

Interval Tested 2884-2962 Zone Tested Lansing/K.C. "A-D"
 Anchor Length 78' Drill Pipe Run 2889' Mud Wt. 8.9
 Top Packer Depth 2879 Drill Collars Run 0 Vis 48
 Bottom Packer Depth 2884 Wt. Pipe Run 0 WL 8.0
 Total Depth 2962 Chlorides 4,000 ppm System LCM 0

Blow Description IF: Fair blow. B.O.B. in 15 mins.

ZSI: No blow.

FF: Strong blow. B.O.B. in 10 secs.

FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mu
<u>20</u>	<u>YSGCM w/oil scum</u>	<u>2</u>		<u>98</u>	
<u>0</u>	<u>228' GI P</u>				
Rec Total	<u>20</u>	BHT <u>196</u>	Gravity <u>N/C</u>	API RW <u>N/A</u>	@ <u>—</u> °F Chlorides <u>—</u> pi

(A) Initial Hydrostatic 1390
 (B) First Initial Flow 22
 (C) First Final Flow 22
 (D) Initial Shut-In 466
 (E) Second Initial Flow 24
 (F) Second Final Flow 25
 (G) Final Shut-In 603
 (H) Final Hydrostatic 1359

Test 1050
 Jars 250'
 Safety Joint 75'
 Circ Sub
 Hourly Standby
 Mileage 146 R.T.
 Sampler
 Straddle
 Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility
 Sub Total 1521

T-On Location 2345
 T-Started 0318
 T-Open 0529
 T-Pulled 0824
 T-Out 0949
 Comments
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 0
 Total 1521

Initial Open 20
 Initial Shut-In 45
 Final Flow 20
 Final Shut-In 90

Approved By _____

Our Representative Jerry Adams

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the equipment, or its statements or opinion concerning the results of any test. tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 35690

RECEIVED
MAR 22 2010

Well Name & No. Lincoln # 5 BY _____ Test No. 2 Date 3-16-10
 Company Gilbert Stewart Operating Elevation 1728 KB 1719 GL _____
 Address 1810 Broadway, Ste. #450 Denver, Colorado 80202
 Co. Rep / Geo. Adam Kennedy Rig Southwind Drllg. # 2
 Location: Sec: 17 Twp. 19S Rge. 9W Co. Rice State Ks.

Interval Tested 3065-3163 Zone Tested Lansing/K.C. "J-K"
 Anchor Length 98 Drill Pipe Run 3043 Mud Wt. 9.2
 Top Packer Depth 3060 Drill Collars Run 0 Vis 52
 Bottom Packer Depth 3065 Wt. Pipe Run 0 WL 80
 Total Depth 3163 Chlorides 4700 ppm System LCM 0

Blow Description IF: Weak blow. Steady at 1/8"
ISI: No blow.
FP: Weak blow. Built to 1/4"
FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>Drilling Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%muc

Rec Total 60 BHT 100 Gravity N/A API RW N/A @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic 1529 Test 1050- T-On Location 2400
 (B) First Initial Flow 49 Jars 250- T-Started 2433
 (C) First Final Flow 50 Safety Joint 75- T-Open 0222
 (D) Initial Shut-In 774 Circ Sub _____ T-Pulled 0520
 (E) Second Initial Flow 52 Hourly Standby _____ T-Out 0654
 (F) Second Final Flow 52 Mileage 60 R.T. Comments Tool slid 2' after
 (G) Final Shut-In 766 Sampler _____ being open for 5 mins.
 (H) Final Hydrostatic 1445 Straddle _____ causing tool to flu

Initial Open 15 Shale Packer _____ Ruined Shale Packer _____
 Initial Shut-In 45 Extra Packer _____ Ruined Packer _____
 Final Flow 30 Extra Recorder _____ Extra Copies _____
 Final Shut-In 90 Day Standby _____ Sub Total 0
 Accessibility _____ Total 1435
 Sub Total 1435

Approved By _____ Our Representative Gerry Adams Thank You
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of equipment, or its statements or opinion concerning the results of any test. tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 35691

MAR 22 2010

Well Name & No. Lincoln #5 BY: _____ Test No. 3 Date 3-16-10
 Company Gilbert-Stewart Operating Elevation 1728 KB 1719 GL _____
 Address 1810 Broadway, Ste. 450 Denver, Colorado 80202
 Co. Rep / Geo. Adam Kennedy Rig Southwind Drlg. #2
 Location: Sec: 17 Twp. 19S Rge. 9W Co. Rice State Ks.

Interval Tested 3180-3257 Zone Tested Arbuckle
 Anchor Length 77' Drill Pipe Run 3168' Mud Wt. 9.2
 Top Packer Depth 3175 Drill Collars Run 0 Vis 59
 Bottom Packer Depth 3180 Wt. Pipe Run 0 WL 9.2
 Total Depth 3257 Chlorides 6,000 ppm System LCM 0

Blow Description IF: Weak blow. Built to 1/4."
IST: No blow.
FF: Weak blow. Built to 1."
FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>18</u>	<u>Drlg. mud</u>			<u>100</u>	
<u>2</u>	<u>Clean Oil</u>		<u>100</u>		
____	____	____	____	____	____
____	____	____	____	____	____
____	____	____	____	____	____

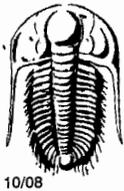
Rec Total 20 BHT 100 Gravity N/C API RW N/A @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1605 Test 1050- T-On Location 1530
 (B) First Initial Flow 26 Jars 250- T-Started 1600
 (C) First Final Flow 26 Safety Joint 75- T-Open 1721
 (D) Initial Shut-In 887 Circ Sub _____ T-Pulled 2025
 (E) Second Initial Flow 27 Hourly Standby _____ T-Out 2156
 (F) Second Final Flow 30 Mileage 60 R.T. Comments _____
 (G) Final Shut-In 877 Sampler _____
 (H) Final Hydrostatic 1526 Straddle _____

Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Day Standby _____ Sub Total _____
 Accessibility _____ Total _____
 Sub Total 1435

Approved By _____ Our Representative Jerry Adams Thank You

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAR 22 2010
BY: _____

Test Ticket

NO. 35692

Well Name & No. Lincoln #5 Test No. 4 Date 3-17-10
 Company Gilbert-Stewart Operating Elevation 1728 KB 1719 GL
 Address 1810 Broadway, Ste. 450 Denver, Colorado 80202
 Co. Rep / Geo. Adam Kennedy Rig Southwing Drlg. #2
 Location: Sec: 17 Twp. 19s Rge. 9w Co. Rice State Ks.

Interval Tested 3257-3266 Zone Tested Arbuckle
 Anchor Length 9' Drill Pipe Run 3262' Mud Wt. 9.2
 Top Packer Depth 3252 Drill Collars Run 0 Vis 61
 Bottom Packer Depth 3257 Wt. Pipe Run 0 WL 9.2
 Total Depth 3266 Chlorides 6,000 ppm System LCM 0

Blow Description IF: Fair blow. B.O.B. in 10 mins.
ISI: Weak blow. Built to 2"
FF: Fair blow. B.O.B. in 13 mins.
FST: Weak blow. Built to 4", decreased to 2"

Rec	Feet of	%gas	%oil	%water	%muc
<u>70</u>	<u>Clean Gey Oil</u>	<u>4</u>	<u>96</u>		
<u>60</u>	<u>50' WCM</u>		<u>4</u>	<u>21</u>	<u>75</u>
<u>75</u>	<u>MCW</u>			<u>80</u>	<u>20</u>
<u>0</u>	<u>50' GIP</u>				

Rec Total 205 BHT 109 Gravity 43 API RW 44 @ 53 °F Chlorides 26,000 pp

(A) Initial Hydrostatic <u>1639</u>	<input checked="" type="checkbox"/> Test <u>1050'</u>	T-On Location <u>0215</u>
(B) First Initial Flow <u>1039 24</u>	<input checked="" type="checkbox"/> Jars <u>250'</u>	T-Started <u>0259</u>
(C) First Final Flow <u>301 44</u>	<input checked="" type="checkbox"/> Safety Joint <u>75'</u>	T-Open <u>0446</u>
(D) Initial Shut-In <u>401 881</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>0752</u>
(E) Second Initial Flow <u>881 47</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0948</u>
(F) Second Final Flow <u>47 99</u>	<input checked="" type="checkbox"/> Mileage <u>60 R.T.</u>	Comments _____
(G) Final Shut-In <u>99 863</u>	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>1617</u>	<input type="checkbox"/> Straddle	_____
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>10</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Accessibility	Total <u>1435</u>
	Sub Total <u>1435</u>	

Approved By _____

Our Representative Jerry Adams

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of equipment, or its statements or opinion concerning the results of any test. tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

FOURIVE
MAR 22 2010

Test Ticket

NO. 35693

Well Name & No. Lincoln #5 Test No. 5 Date 3-17-10
 Company Gilbert-Stewart Operating Elevation 1728 KB 1719 GL
 Address 1810 Broadway, Ste. 450 Denver, Colorado 80202
 Co. Rep / Geo. Adam Kennedy Rig Southwind Drlg. #2
 Location: Sec: 17 Twp. 19S Rge. 9W Co. Rice State K.S.

Interval Tested 3266-3277 Zone Tested Arbuckle
 Anchor Length 11 Drill Pipe Run 3262 Mud Wt. 9.2
 Top Packer Depth 3261 Drill Collars Run 0 Vis 58
 Bottom Packer Depth 3266 Wt. Pipe Run 0 WL 9.6
 Total Depth 3277 Chlorides 7,400 ppm System LCM 1#

Blow Description IF: Fair blow. Built to 10"
IST: Weak blow. Built to 1 1/2"
FF: Fair blow. B.O.B. in 16 mins.
FST: Weak blow. Built to 2"

Rec	Feet of	%gas	%oil	%water	%mud
<u>70</u>	<u>Clean Gsy Oil</u>	<u>2</u>	<u>98</u>		
<u>75</u>	<u>SGW+OCM</u>	<u>2</u>	<u>12</u>	<u>2</u>	<u>84</u>
<u>115</u>	<u>MW w/ oil scum</u>			<u>75</u>	<u>25</u>

Rec Total 260 BHT 107 Gravity 43 API RW .31 @ 63 °F Chlorides 27,000 pp

(A) Initial Hydrostatic <u>1597</u>	<input checked="" type="checkbox"/> Test <u>1050</u>	T-On Location <u>1515</u>
(B) First Initial Flow <u>26</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>1527</u>
(C) First Final Flow <u>52</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>1639</u>
(D) Initial Shut-In <u>914</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1933</u>
(E) Second Initial Flow <u>57</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>2124</u>
(F) Second Final Flow <u>127</u>	<input checked="" type="checkbox"/> Mileage <u>60 R.T.</u>	Comments
(G) Final Shut-In <u>913</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1560</u>	<input type="checkbox"/> Straddle	

Initial Open <u>10</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1435</u>
	Sub Total <u>1435</u>	

Approved By _____ Our Representative Jerry Adams Thank You

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAR 22 2010

Test Ticket

NO. 35694

Well Name & No. Lincoln #5 Test No. 6 Date 3-18-10
 Company Gilbert-Stewart Operating Elevation 1728 KB 1719 GL
 Address 1810 Broadway, Ste. 450 Denver, Colorado 80202
 Co. Rep / Geo. Adam Kennedy Rig Southwing Drlg. #2
 Location: Sec. 17 Twp. 19S Rge. 9W Co. Rice State Ks.

Interval Tested 3276-3283 Zone Tested Arbuckle
 Anchor Length 7 Drill Pipe Run 3262' Mud Wt. 9.0
 Top Packer Depth 3271 Drill Collars Run 0 Vis 55
 Bottom Packer Depth 3276 Wt. Pipe Run 0 WL 9.6
 Total Depth 3283 Chlorides 7,400 ppm System LCM 1#

Blow Description IF! Strong blow. B.O.B. in 8 mins.
ISI! Weak blow. Built to 1/2"
FF! Strong blow. B.O.B. in 9 mins.
FST! No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>330</u>	<u>MLW</u>			<u>85%</u>	<u>15%</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 330 BHT 109 Gravity N/A API RW .30 @ 65° F Chlorides 25,000 ppm

(A) Initial Hydrostatic	<u>1611</u>	<input checked="" type="checkbox"/> Test	<u>1050</u>	T-On Location	<u>0200</u>
(B) First Initial Flow	<u>25</u>	<input checked="" type="checkbox"/> Jars	<u>250-</u>	T-Started	<u>0219</u>
(C) First Final Flow	<u>60</u>	<input checked="" type="checkbox"/> Safety Joint	<u>78-</u>	T-Open	<u>0351</u>
(D) Initial Shut-In	<u>918</u>	<input type="checkbox"/> Circ Sub		T-Pulled	<u>0646</u>
(E) Second Initial Flow	<u>64</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>0833</u>
(F) Second Final Flow	<u>160</u>	<input checked="" type="checkbox"/> Mileage	<u>146 RT, 146-</u>	Comments	
(G) Final Shut-In	<u>917</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>1573</u>	<input type="checkbox"/> Straddle			

Initial Open 10
 Initial Shut-In 45
 Final Flow 30
 Final Shut-In 90

Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 0
 Total 1521-
 Sub Total 1521-

Approved By _____ Our Representative Jerry Adams Thank You

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.