

DRILL STEM TEST REPORT

Prepared For: **Charles N Griffin**

PO Box 347
Pratt, KS 67124

ATTN: **Bruce Reed**

22 24 13 Stafford KS

#1 Richardson

Start Date: 2011.02.27 @ 07:25:05

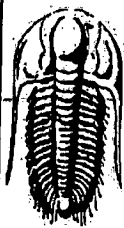
End Date: 2011.02.27 @ 15:49:35

Job Ticket #: 041590 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Charles N Griffin

#1 Richardson

PO Box 347
Pratt, KS 67124

22 24 13 Stafford KS

Job Ticket: 041590

DST#: 1

ATTN: Bruce Reed

Test Start: 2011.02.27 @ 07:25:05

GENERAL INFORMATION:

Formation: LKC "I"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:07:35

Time Test Ended: 15:49:35

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 45

Interval: 3725.00 ft (KB) To 3760.00 ft (KB) (TVD)

Total Depth: 3760.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1936.00 ft (KB)

1926.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6798 Inside

Press@RunDepth: 73.33 psig @ 3726.00 ft (KB)

Start Date: 2011.02.27

End Date:

2011.02.27

Capacity: 8000.00 psig

Last Calib.: 2011.02.27

Start Time: 07:25:06

End Time:

15:49:35

Time On Btm: 2011.02.27 @ 10:06:20

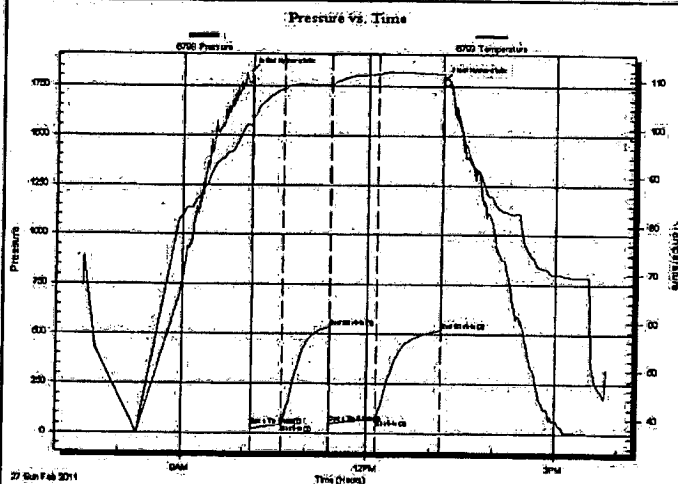
Time Off Btm: 2011.02.27 @ 13:10:50

TEST COMMENT: IF: Strong Blow, BOB in 1 minute 45 seconds

IS: Bled Off, No Blow back

FF: Strong Blow, BOB in 1 minute

FST: Bled Off, No Blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1820.59	100.59	Initial Hydro-static
2	40.34	100.10	Open To Flow (1)
32	43.79	108.37	Shut-In (1)
78	537.09	109.11	End Shut-In (1)
78	51.07	108.91	Open To Flow (2)
123	73.33	111.39	Shut-In (2)
184	521.15	111.45	End Shut-In (2)
185	1775.53	111.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	GSY OMCW 20%G 4%O 12%M 64%W 0.87	
62.00	GSY OWCM 20%G 14%O 32%W 34%O 0.87	
35.00	GSY OCM 20%G 20%O 60%M	0.49
0.00	300' GIP	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Charles N Griffin

#1 Richardson

PO Box 347

22 24 13 Stafford KS

Pratt, KS 67124

Job Ticket: 041590

DST#: 1

ATTN: Bruce Reed

Test Start: 2011.02.27 @ 07:25:05

Tool Information

Drill Pipe:	Length:	3723.00 ft	Diameter:	3.80 inches	Volume:	52.22 bbl	Tool Weight:	2100.00 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:	65000.00 lb		
					Total Volume:	52.22 bbl	Tool Chased	ft		
Drill Pipe Above KB:	18.00 ft							String Weight: Initial	59000.00 lb	
Depth to Top Packer:	3725.00 ft							Final	60000.00 lb	
Depth to Bottom Packer:	ft									
Interval between Packers:	35.00 ft									
Tool Length:	55.00 ft									
Number of Packers:	2	Diameter:	6.75 inches							
Tool Comments:										

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3710.00	
Hydraulic tool	5.00			3715.00	
Packer	5.00			3720.00	20.00 Bottom Of Top Packer
Packer	5.00			3725.00	
Stubb	1.00			3726.00	
Recorder	0.00	6798	Inside	3726.00	
Recorder	0.00	8367	Outside	3726.00	
Perforations	31.00			3757.00	
Bullnose	3.00			3760.00	35.00 Bottom Packers & Anchor
Total Tool Length:	55.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Charles N Griffin

#1 Richardson

PO Box 347
Pratt, KS 67124

22 24 13 Stafford KS

Job Ticket: 041590

DST#: 1

ATTN: Bruce Reed

Test Start: 2011.02.27 @ 07:25:05

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:

120000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	GSY OMCW 20%G 4%O 12%M 64%W	0.870
62.00	GSY OWCM 20%G 14%O 32%W 34%M	0.870
35.00	GSY OCM 20%G 20%O 60%M	0.491
0.00	300' GIP	0.000

Total Length: 159.00 ft

Total Volume: 2.231 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

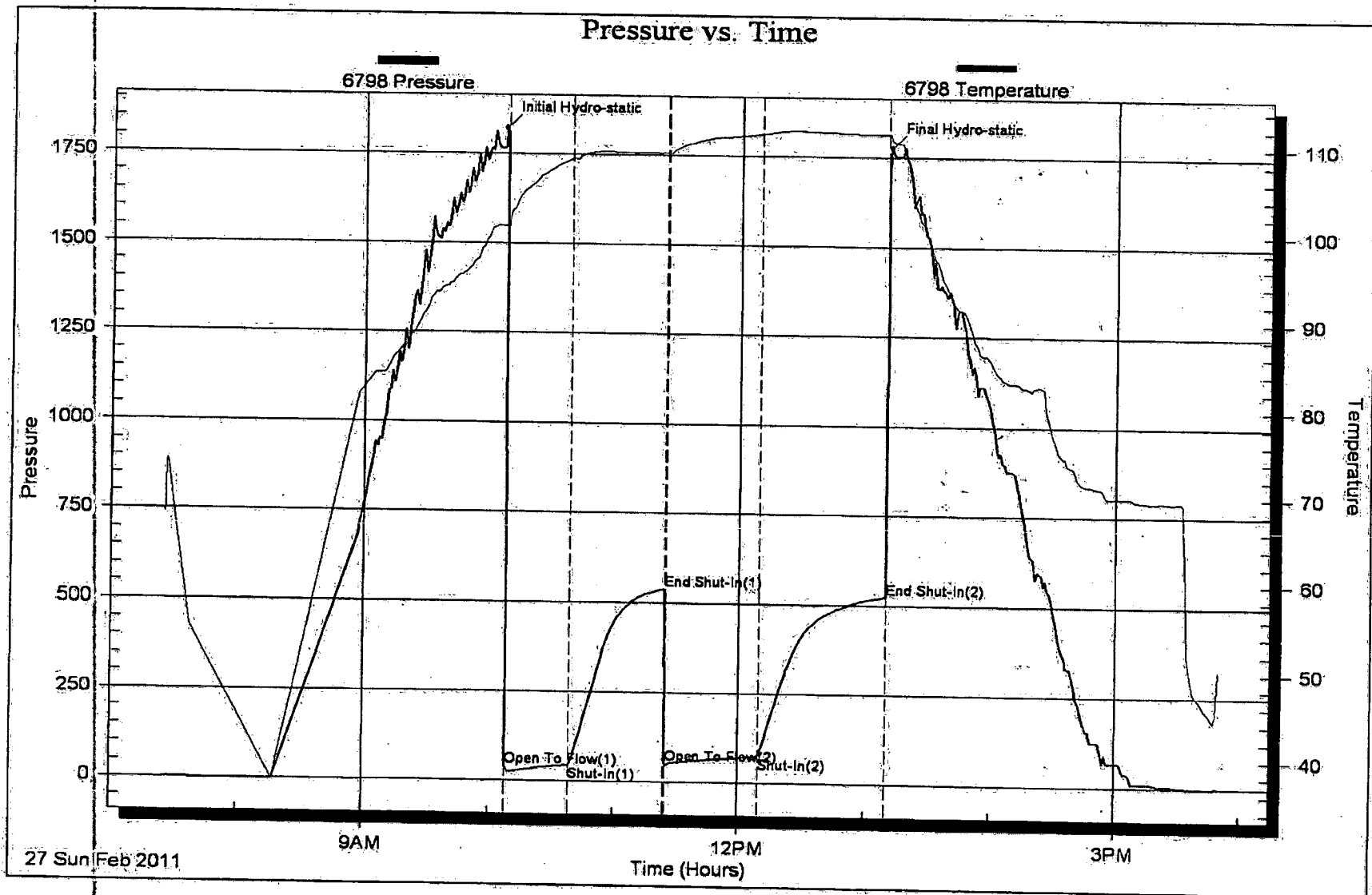
Recovery Comments: RW .09 @ 55F = 120000 chlorides

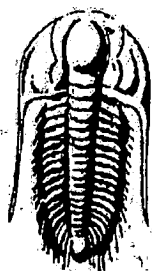
Serial #: 6798

Inside Charles N Griffin

22 24 13, Stafford KS

DST Test Number: 1





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Charles N Griffin**

PO Box-347
Pratt, KS 67124.

ATTN: Bruce Reed

22 24 13 Stafford KS

#1 Richardson

Start Date: 2011.02.28 @ 18:31:06

End Date: 2011.03.01 @ 01:02:36

Job Ticket #: 041591 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Charles N Griffin

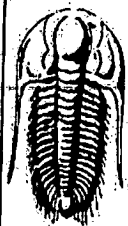
#1 Richardson

22 24 13 Stafford KS

DST # 2

Simpson

2011.02.28



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Charles N Griffin

#1 Richardson

PO Box 347
Pratt, KS 67124

22 24 13 Stafford KS

Job Ticket: 041591

DST#: 2

ATTN: Bruce Reed

Test Start: 2011.02.28 @ 18:31:06

GENERAL INFORMATION:

Formation: Simpson

Deviated: No Whipstock ft (KB)

Time Tool Opened: 20:59:21

Time Test Ended: 01:02:36

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 45

Interval: 4065.00 ft (KB) To 4087.00 ft (KB) (TVD)

Total Depth: 4087.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1936.00 ft (KB)

1926.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6798

Inside

Press@RunDepth: 16.41 psig @ 4066.00 ft (KB)

Start Date: 2011.02.28

End Date:

2011.03.01

Capacity: 8000.00 psig

Last Calib.: 2011.03.01

Start Time: 18:31:07

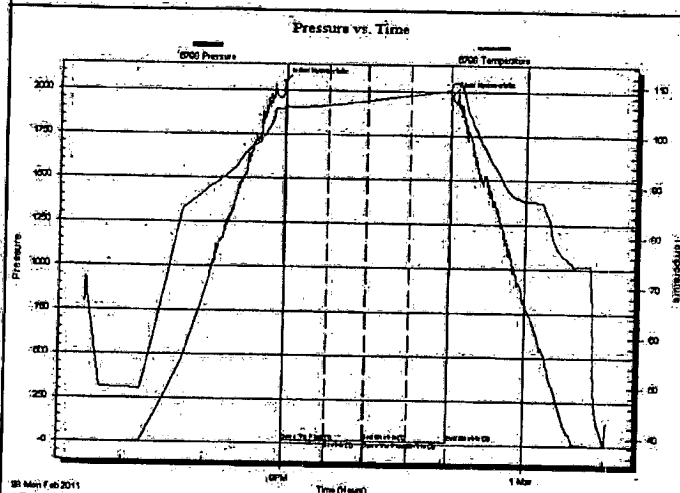
End Time:

01:02:36

Time On Btm: 2011.02.28 @ 20:58:06

Time Off Btm: 2011.02.28 @ 23:04:21

TEST COMMENT: IF: Weak Surface Blow
IS: No Blow back
FF: Weak Surface Blow
FS: No Blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2047.81	105.29	Initial Hydro-static
2	13.74	104.96	Open To Flow (1)
34	17.02	106.13	Shut-In (1)
63	19.93	107.13	End Shut-In (1)
63	17.25	107.13	Open To Flow (2)
96	16.41	108.31	Shut-In (2)
126	18.11	109.30	End Shut-In (2)
127	1977.33	110.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud	0.03

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Charles N Griffin

#1 Richardson

PO Box 347
Pratt, KS 67124

22 24 13 Stafford KS

Job Ticket: 041591

DST#: 2

ATTN: Bruce Reed

Test Start: 2011.02.28 @ 18:31:06

Tool Information

Drill Pipe:	Length: 4063.00 ft	Diameter: 3.80 inches	Volume: 56.99 bbl	Tool Weight: 2100.00 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: 70000.00 lb
			Total Volume: 56.99 bbl	Tool Chased ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4065.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	42.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				
Bottom Packer is a Shale Packer				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4050.00	
Hydraulic tool	5.00			4055.00	
Packer	5.00			4060.00	20.00 Bottom Of Top Packer
Packer	5.00			4065.00	
Stubb	1.00			4066.00	
Recorder	0.00	6798	Inside	4066.00	
Recorder	0.00	8367	Outside	4066.00	
Perforations	18.00			4084.00	
Bullnose	3.00			4087.00	22.00 Bottom Packers & Anchor
Total Tool Length:	42.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Charles N Griffin

#1 Richardson

PO Box 347
Pratt, KS 67124

22 24 13 Stafford KS

Job Ticket: 041591

DST#: 2

ATTN: Bruce Reed

Test Start: 2011.02.28 @ 18:31:06

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: 61.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Mud	0.028

Total Length: 2.00 ft

Total Volume: 0.028 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

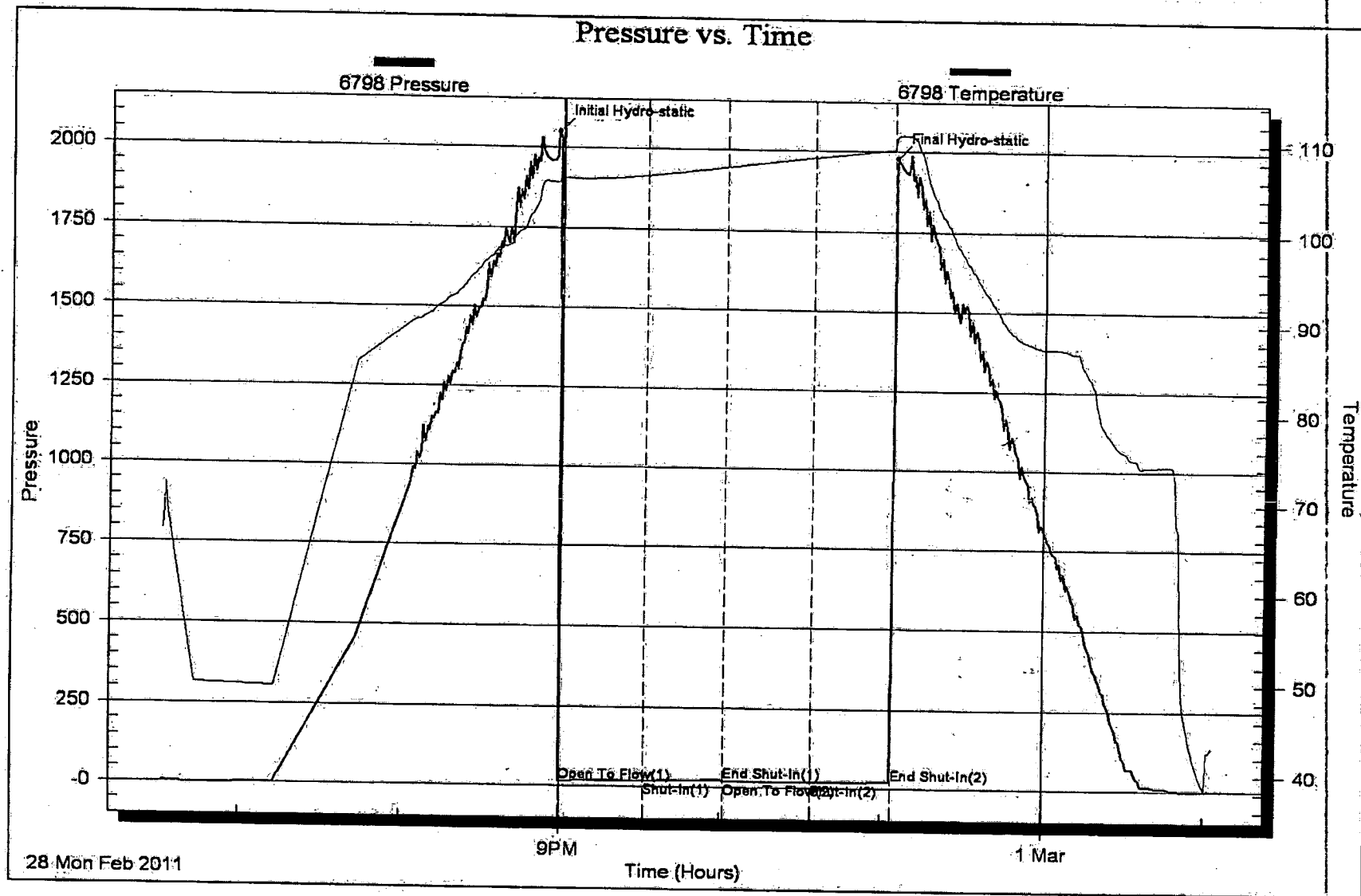
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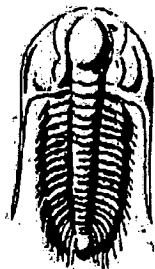
Serial #: 6798

Inside Charles N Griffin

22-24.13 Stafford KS

DST Test Number: 2





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Charles N Griffin**

PO Box 347
Pratt, KS 67124

ATTN: Bruce Reed

22 24 13 Stafford KS

#1 Richardson

Start Date: 2011.03.01 @ 08:12:47

End Date: 2011.03.01 @ 14:34:54

Job Ticket #: 041592 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Charles N Griffin

#1 Richardson

22 24 13 Stafford KS

DST # 3

Arbuckle

2011.03.01



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Charles N Griffin

#1 Richardson

PO Box 347
Pratt, KS 67124

22 24 13 Stafford KS

Job Ticket: 041592

DST#: 3

ATTN: Bruce Reed

Test Start: 2011.03.01 @ 08:12:47

GENERAL INFORMATION:

Formation: Arbuckle

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:36:02

Time Test Ended: 14:34:54

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 45

Interval: 4090.00 ft (KB) To 4095.00 ft (KB) (TVD)

Total Depth: 4095.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1936.00 ft (KB)

1926.00 ft (CF)

KB to GRVCF: 10.00 ft

Serial #: 6798

Inside

Press@RunDepth: 111.19 psig @ 4091.00 ft (KB)

Start Date: 2011.03.01

End Date:

2011.03.01

Start Time: 08:12:48

End Time:

14:34:54

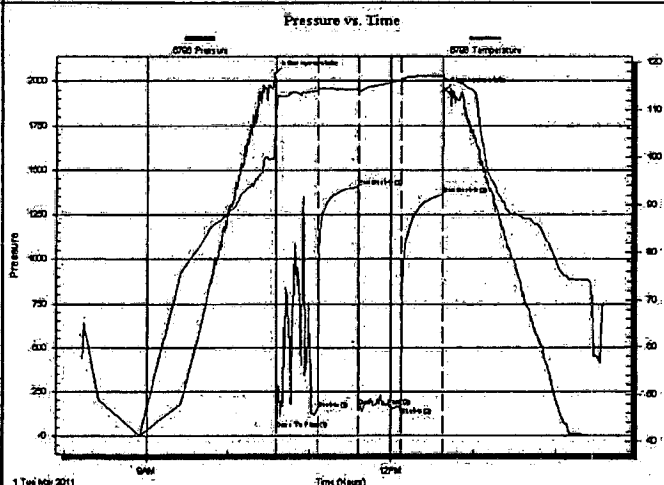
Capacity: 8000.00 psig

Last Calib: 2011.03.01

Time On Btm: 2011.03.01 @ 10:34:32

Time Off Btm: 2011.03.01 @ 12:38:32

TEST COMMENT: IF: Fair Blow, 5 inches
1St Bled Off, No Blow back
FF: Fair Blow, Built to 9 1/2 inches
FSt Bled Off, No Blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2039.43	101.17	Initial Hydro-static
2	36.10	108.88	Open To Flow (1)
32	151.46	114.05	Shut-in(1)
62	1404.29	114.20	End Shut-in(1)
62	164.56	113.73	Open To Flow (2)
93	111.19	116.16	Shut-in(2)
124	1363.57	117.11	End Shut-in(2)
124	1941.60	117.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	GSY Oil 5%G 95%O	0.63
0.00	1071 GP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MG/D)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Charles N Griffin

#1 Richardson

PO Box 347
Pratt, KS 67124

22 24 13 Stafford KS

Job Ticket: 041592

DST#:3

ATTN: Bruce Reed

Test Start: 2011.03.01 @ 08:12:47

Tool Information

Drill Pipe:	Length: 4094.00 ft	Diameter: 3.80 inches	Volume: 57.43 bbl	Tool Weight: 2100.00 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: 70000.00 lb
			Total Volume: 57.43 bbl	Tool Chased 5.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4090.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	5.00 ft			
Tool Length:	25.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4075.00	
Hydraulic tool	5.00			4080.00	
Packer	5.00			4085.00	20.00 Bottom Of Top Packer
Packer	5.00			4090.00	
Stubb	1.00			4091.00	
Recorder	0.00	6798	Inside	4091.00	
Recorder	0.00	8367	Outside	4091.00	
Perforations	1.00			4092.00	
Bullnose	3.00			4095.00	5.00 Bottom Packers & Anchor
Total Tool Length:	25.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Charles N Griffin

#1 Richardson

PO Box 347
Pratt, KS 67124

22 24 13 Stafford KS

Job Ticket: 041592

DST#: 3

ATTN: Bruce Reed

Test Start: 2011.03.01 @ 08:12:47

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	GSY Oil 5%G 95%O	0.631
0.00	1071 GIP	0.000

Total Length: 45.00 ft

Total Volume: 0.631 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

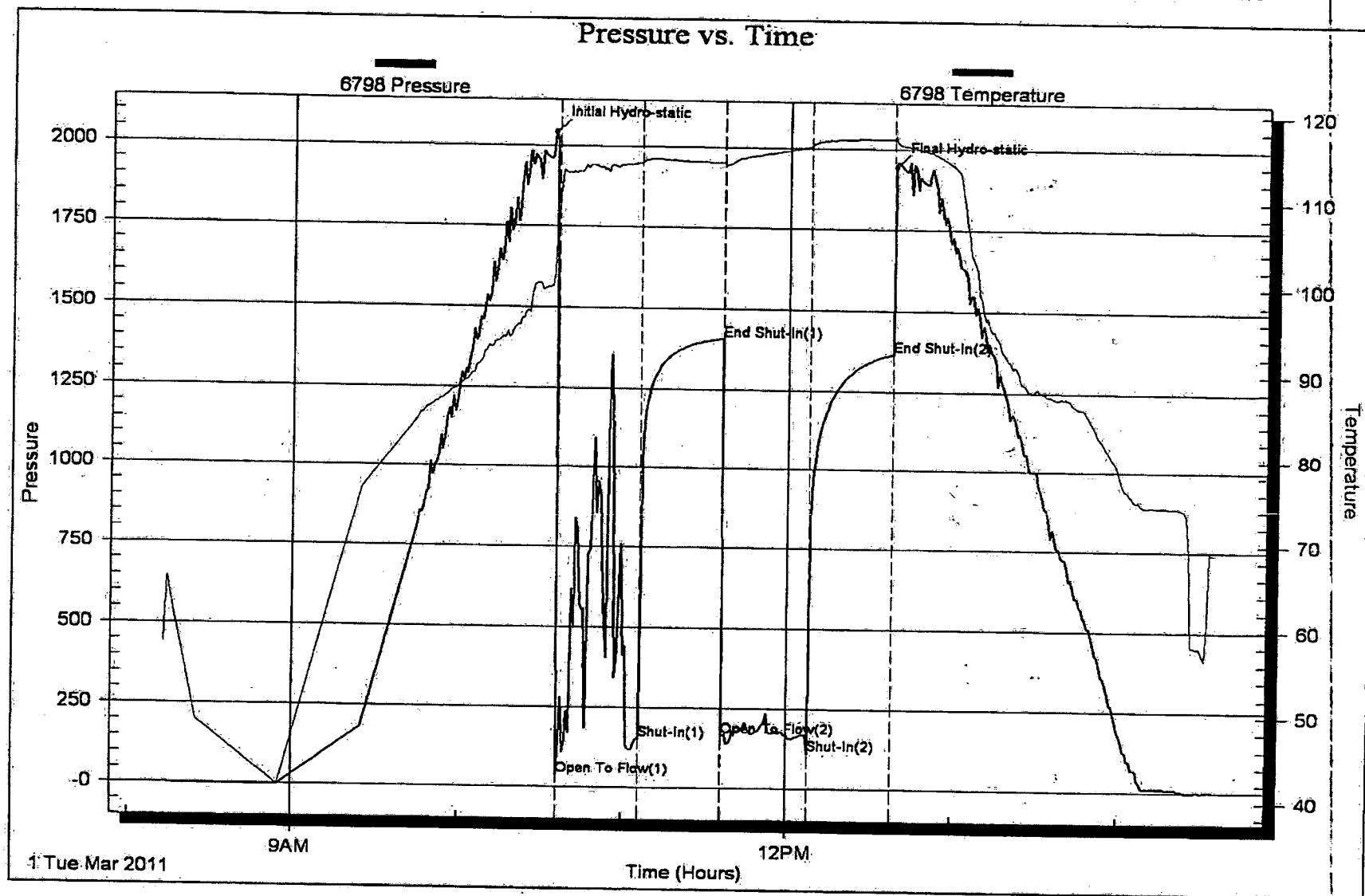
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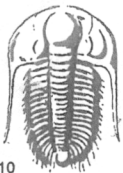
Serial #: 6798

Inside Charles N Griffin

22.24 13 Stafford KS

DST Test Number: 3





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

MAR 03 2011

NO. 04159013460

Well Name & No. #1 Richardson Test No. 1 Date 02/27/11
 Company Charles N. Griffin Elevation 1936 KB 1926 GL
 Address PO Box 347 Pratt KS 67124
 Co. Rep / Geo. Bruce Reed Rig Maverick #106
 Location: Sec. 22 Twp. 24S Rge. 13W Co. Stafford State KS

Interval Tested 3725 - 3760 Zone Tested LKC "I"
 Anchor Length 35 Drill Pipe Run 3723 Mud Wt. 9.1
 Top Packer Depth 3720 Drill Collars Run 0 Vis 51
 Bottom Packer Depth 3725 Wt. Pipe Run 0 WL 6.0
 Total Depth 3760 Chlorides 4000 ppm System LCM 1#

Blow Description IF: Strong Blow, BOB in 1 minute 45 seconds
ISI: Bled off, no blowback
FF: Strong Blow, BOB in 1 minute
FSI: Bled off, no blowback

Rec	Feet of	%gas	%oil	%water	%mud
300	GIP				
35	GSY OCM	20	20		60
62	GSY O WCM	20	14	32	34
62	GSY O MCW	20	4	64	12
		%gas	%oil	%water	%mud

Rec Total 159 BHT 111° Gravity N/C API RW .09 @ 55° F Chlorides 120,000 ppm

(A) Initial Hydrostatic 1820
 (B) First Initial Flow 40
 (C) First Final Flow 44
 (D) Initial Shut-In 537
 (E) Second Initial Flow 51
 (F) Second Final Flow 73
 (G) Final Shut-In 521
 (H) Final Hydrostatic 1775

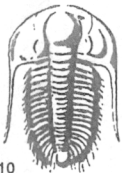
☒ Test 1125
☐ Jars
☐ Safety Joint
☐ Circ Sub
☐ Hourly Standby
☒ Mileage (40) 50
☐ Sampler
☐ Straddle
☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
 Sub Total 1175

T-On Location 06:15
 T-Started 07:25
 T-Open 10:07
 T-Pulled 13:09
 T-Out 15:49
 Comments
☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Sub Total 0
 Total 1175
 MP/DST Disc't

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60

Approved By Bruce Reed

Our Representative [Signature]



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 041591

MAR 03 2011

Well Name & No. #1 Richardson Test No. 2 Date 02/28/11
 Company Charles N. Griffin Elevation 1936 KB 1926 GL
 Address PO BOX 347 Pratt, KS 67124
 Co. Rep / Geo. Bruce Reed Rig Maverick #106
 Location: Sec. 22 Twp. 24S Rge. 13 W Co. Stafford State KS

Interval Tested 4065 - 4087 Zone Tested Simpson
 Anchor Length 22 Drill Pipe Run 4063 Mud Wt. 9.2
 Top Packer Depth 4060 Drill Collars Run 0 Vis 61
 Bottom Packer Depth 4065 Wt. Pipe Run 0 WL 10.0
 Total Depth 4087 Chlorides 9000 ppm System LCM 2#

Blow Description IF: weak surface blow

ISI: NO Blowback

FF: weak surface blow

FSI: NO Blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>mud</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 2 BHT 109° Gravity N/C API RW N/C @ N/C° F Chlorides N/C ppm

(A) Initial Hydrostatic 2048

(B) First Initial Flow 14

(C) First Final Flow 17

(D) Initial Shut-In 20

(E) Second Initial Flow 17

(F) Second Final Flow 16

(G) Final Shut-In 18

(H) Final Hydrostatic 1977

☒ Test 1225

☐ Jars

☐ Safety Joint

☐ Circ Sub

☐ Hourly Standby

☒ Mileage (40) 50

☐ Sampler

☐ Straddle

☒ Shale Packer 250

☐ Extra Packer

☐ Extra Recorder

☐ Day Standby

☐ Accessibility

Sub Total 1525

T-On Location 17:30

T-Started 18:31

T-Open 20:59

T-Pulled 23:03

T-Out 01:02

Comments

☐ Ruined Shale Packer

☐ Ruined Packer

☐ Extra Copies

Sub Total 0

Total 1525

MP/DST Disc't

Initial Open 30

Initial Shut-In 30

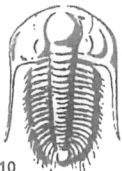
Final Flow 30

Final Shut-In 30

Approved By Bruce A. Reed

Our Representative [Signature]

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

MAR 03 2011

Test Ticket

NO. 041592

Well Name & No. #1 Richardson Test No. 3 Date 03/01/11
 Company Charles N. Griffin Elevation 1936 KB 1926 GL
 Address PO BOX 347 Pratt, KS 67124
 Co. Rep / Geo. Bruce Reed Rig Maverick #106
 Location: Sec. 22 Twp. 24S Rge. 13W Co. Stafford State KS

Interval Tested 4090 - 4095 Zone Tested Arbuckle
 Anchor Length 5 Drill Pipe Run 4094 Mud Wt. 9.2
 Top Packer Depth 4085 Drill Collars Run 0 Vis 61
 Bottom Packer Depth 4090 Wt. Pipe Run 0 WL 10.0
 Total Depth _____ Chlorides 9000 ppm System LCM 2

Blow Description IF: Fair Blow, 5 inches
ISI: Bled off, No Blowback
EF: Fair Blow, Built to 9 1/2 inches
FSI: Bled off, No Blowback

Rec	Feet of	%gas	%oil	%water	%mud
1071	6TP				
45	GSY 0	5	95		

Rec Total 45 BHT 117° Gravity 34 API RW N/C @ N/C° F Chlorides N/C ppm
 (A) Initial Hydrostatic 2039 ☒ Test 1225 T-On Location 08:00
 (B) First Initial Flow 36 ☒ Jars NO JARS T-Started 08:12
 (C) First Final Flow 151 ☐ Safety Joint T-Open 10:36
 (D) Initial Shut-In 1404 ☐ Circ Sub T-Pulled 12:38
 (E) Second Initial Flow 164 ☐ Hourly Standby T-Out 14:34
 (F) Second Final Flow 111 ☒ Mileage (40) 50 Comments _____
 (G) Final Shut-In 1363 ☐ Sampler _____
 (H) Final Hydrostatic 1942 ☐ Straddle _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30

☒ Shale Packer 250
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
 Sub Total 1525

☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Sub Total 0
 Total 1525
 MP/DST Disc't _____

Approved By Bruce Reed

Our Representative [Signature]

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