

DRILL STEM TEST REPORT

Prepared For: **Charles N.Griffin**

PO Box 347
Pratt KS 67124

ATTN: Bruce Reed

34-32s-12w Barber,KS

Randels #2

Start Date: 2011.07.11 @ 16:25:54

End Date: 2011.07.12 @ 01:35:09

Job Ticket #: 042513 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

ORIGINAL

Printed: 2011.07.21 @ 11:46:53 Page 1

Charles N.Griffin

Randels #2

34-32s-12w Barber,KS

DST # 1

Miss.

2011.07.11



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Charles N. Griffin

PO Box 347
Pratt KS 67124

ATTN: Bruce Reed

Randels #2

34-32s-12w Barber, KS

Job Ticket: 042513

DST#: 1

Test Start: 2011.07.11 @ 16:25:54

GENERAL INFORMATION:

Formation: Miss.

Deviated: No Whipstock ft (KB)

Time Tool Opened: 20:04:24

Time Test Ended: 01:35:09

Test Type: Conventional Bottom Hole

Tester: Gary Revoteaux

Unit No: 56

Interval: 4415.00 ft (KB) To 4450.00 ft (KB) (TVD)

Total Depth: 4450.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1569.00 ft (KB)

1561.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8167

Inside

Press@RunDepth: 21.22 psig @ 4416.00 ft (KB)

Start Date: 2011.07.11

End Date:

2011.07.12

Start Time: 16:25:59

End Time:

01:35:09

Capacity: 8000.00 psig

Last Calib.: 2011.07.12

Time On Btm: 2011.07.11 @ 20:02:09

Time Off Btm: 2011.07.11 @ 22:50:54

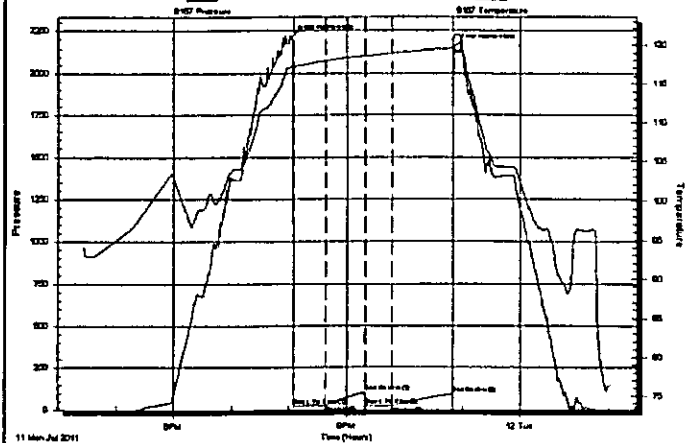
TEST COMMENT: IF: Strong blow. B.O.B. in 7 1/2 mins.

IS: No blow.

FF: Weak blow. 2 - 4 1/2".

FS: No blow.

Pressure vs Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2209.66	117.22	Initial Hydro-static
3	18.67	116.85	Open To Flow (1)
36	24.09	117.97	Shut-In(1)
77	103.16	118.59	End Shut-In(1)
77	18.87	118.58	Open To Flow (2)
105	21.22	118.99	Shut-In(2)
167	92.48	119.65	End Shut-In(2)
169	2151.22	121.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drig. mud	0.02
0.00	305 ft. of GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Charles N. Griffin

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber, KS

Job Ticket: 042513 DST#: 1

ATTN: Bruce Reed

Test Start: 2011.07.11 @ 16:25:54

Tool Information

Drill Pipe:	Length: 4291.00 ft	Diameter: 3.80 inches	Volume: 60.19 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 63000.00 lb
		Total Volume: 60.80 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4415.00 ft			Final 50000.00 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	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4396.00	
Shut in tool	5.00			4401.00	
HMV	5.00			4406.00	
Packer	4.00			4410.00	20.00 Bottom Of Top Packer
Packer	5.00			4415.00	
Stubb	1.00			4416.00	
Recorder	0.00	8167	Inside	4416.00	
Recorder	0.00	8370	Outside	4416.00	
Perforations	29.00			4445.00	
Bullnose	5.00			4450.00	35.00 Bottom Packers & Anchor
Total Tool Length:	55.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Charles N. Griffin

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber, KS

Job Ticket: 042513

DST#: 1

ATTN: Bruce Reed

Test Start: 2011.07.11 @ 16:25:54

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 48.00 sec/qt
Water Loss: 9.58 in³
Resistivity: 0.00 ohm.m
Salinity: 4500.00 ppm
Filter Cake: 0.20 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 4500 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Drig. mud	0.025
0.00	305 ft. of GIP	0.000

Total Length: 5.00 ft

Total Volume: 0.025 bbl

Num Fluid Samples: 0

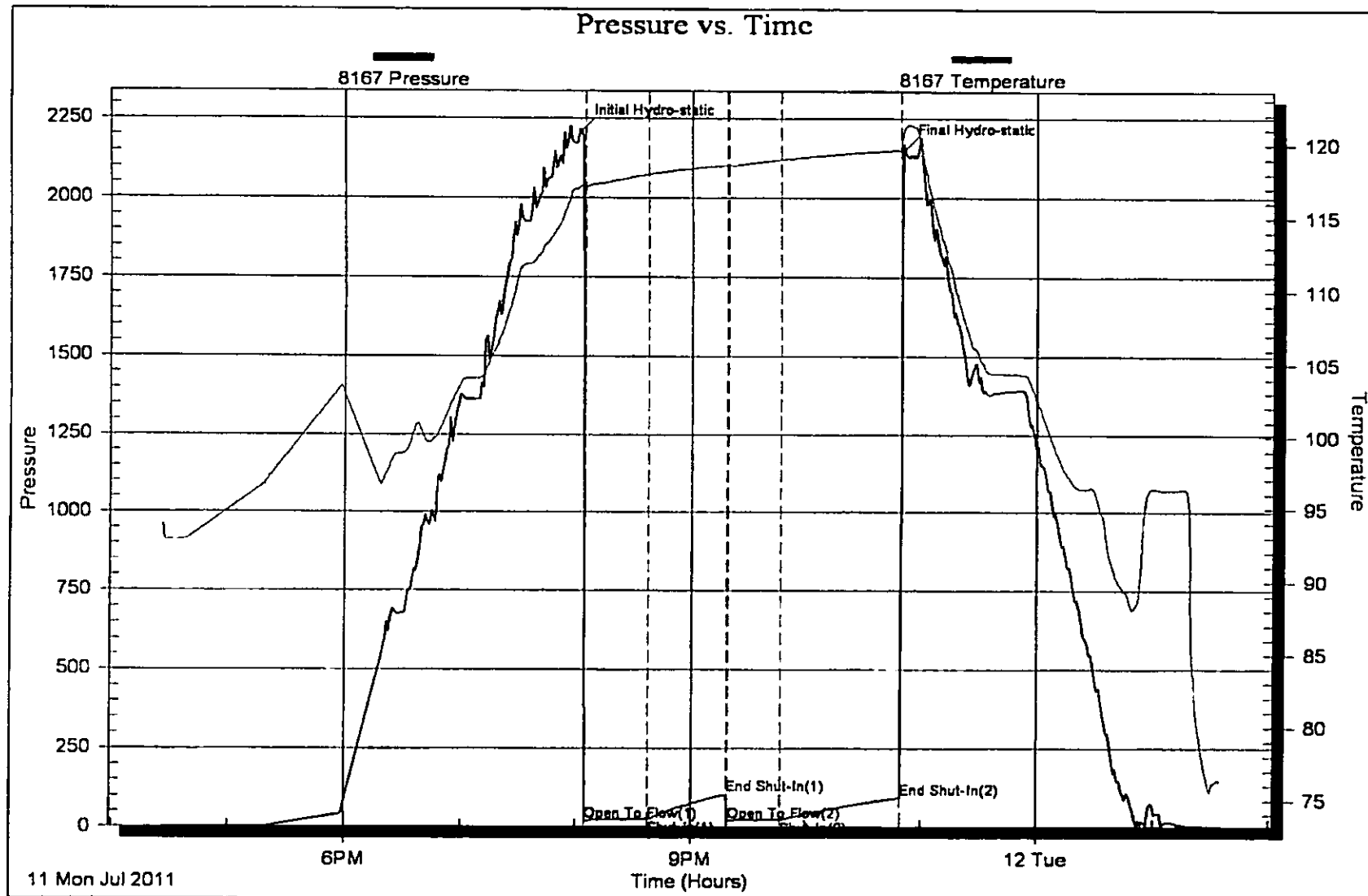
Num Gas Bombs: 0

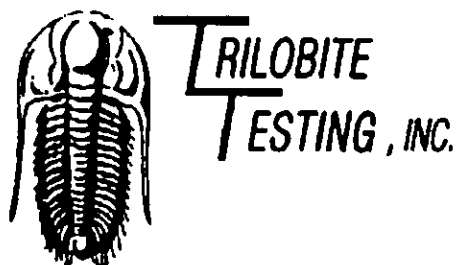
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Charles N.Griffin**

PO Box 347
Pratt KS 67124

ATTN: Bruce Reed

34-32s-12w Barber,KS

Randels #2

Start Date: 2011.07.13 @ 06:35:31

End Date: 2011.07.13 @ 15:12:46

Job Ticket #: 042514 DST #: 2

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

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Charles N.Griffin

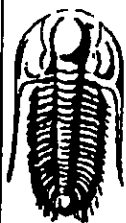
Randels #2

34-32s-12w Barber,KS

DST # 2

Simpson

2011.07.13



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Charles N. Griffin

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber, KS

Job Ticket: 042514 DST#: 2

ATTN: Bruce Reed

Test Start: 2011.07.13 @ 06:35:31

GENERAL INFORMATION:

Formation: **Simpson**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 09:42:46
Time Test Ended: 15:12:46

Test Type: **Conventional Bottom Hole**
Tester: **Gary Revoteaux**
Unit No: **56**

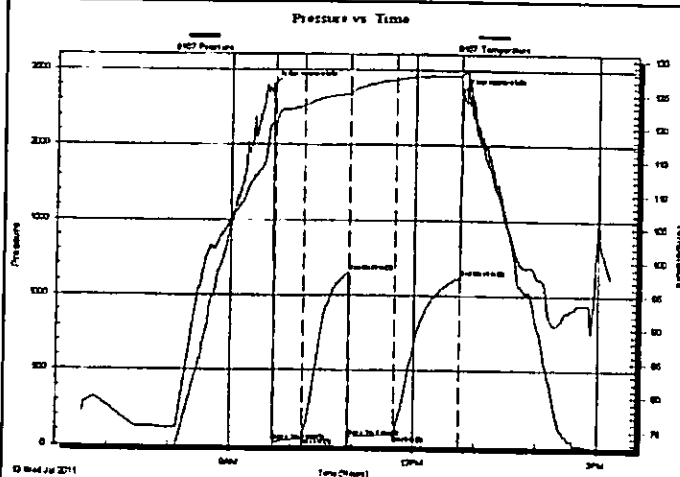
Interval: **4786.00 ft (KB) To 4810.00 ft (KB) (TVD)**
Total Depth: **4810.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1569.00 ft (KB)**
1561.00 ft (CF)
KB to GRVCF: **8.00 ft**

Serial #: **8167** Inside
Press@RunDepth: **72.95 psig @ 4787.00 ft (KB)**
Start Date: **2011.07.13** End Date: **2011.07.13**
Start Time: **06:35:36** End Time: **15:12:46**

Capacity: **8000.00 psig**
Last Calb.: **2011.07.13**
Time On Btm: **2011.07.13 @ 09:40:16**
Time Off Btm: **2011.07.13 @ 12:46:16**

TEST COMMENT: IF: Strong blow. B.O.B. in 85 secs.
IS: No blow.
FF: Strong blow. B.O.B. in 15 secs.
FS: No blow.



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2398.05	120.48	Initial Hydro-static
3	31.89	120.34	Open To Flow (1)
31	51.20	123.23	Shut-In (1)
76	1152.36	124.97	End Shut-In (1)
76	58.97	124.75	Open To Flow (2)
121	72.95	127.10	Shut-In (2)
185	1123.62	127.70	End Shut-In (2)
186	2356.96	128.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GOCMM 13%g 11%o 35% 41% m	0.59
30.00	SOOM 3%o 97% m	0.38
0.00	1975 ft. of GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Charles N Griffin

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber, KS

Job Ticket: 042514

DST#: 2

ATTN: Bruce Reed

Test Start: 2011.07.13 @ 06:35:31

Tool Information

Drill Pipe:	Length: 4664.00 ft	Diameter: 3.80 inches	Volume: 65.42 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 71000.00 lb
		Total Volume: 66.03 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4786.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	52.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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C.O. Sub	1.00			4759.00	
Shut in tool	5.00			4764.00	
HMV	5.00			4769.00	
Jars	5.00			4774.00	
Safety Joint	3.00			4777.00	
Packer	4.00			4781.00	28.00 Bottom Of Top Packer
Packer	5.00			4786.00	
Stubb	1.00			4787.00	
Recorder	0.00	8167	Inside	4787.00	
Recorder	0.00	8370	Outside	4787.00	
Perforations	18.00			4805.00	
Bullnose	5.00			4810.00	24.00 Bottom Packers & Anchor

Total Tool Length: 52.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Charles N. Griffin

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber, KS

Job Ticket: 042514

DST#: 2

ATTN: Bruce Reed

Test Start: 2011.07.13 @ 06:35:31

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

70500 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	GOCWM 13%g 11%o 35% 41%m	0.590
30.00	SOOM 3%o 97%m	0.384
0.00	1975 ft. of GIP	0.000

Total Length: 150.00 ft

Total Volume: 0.974 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

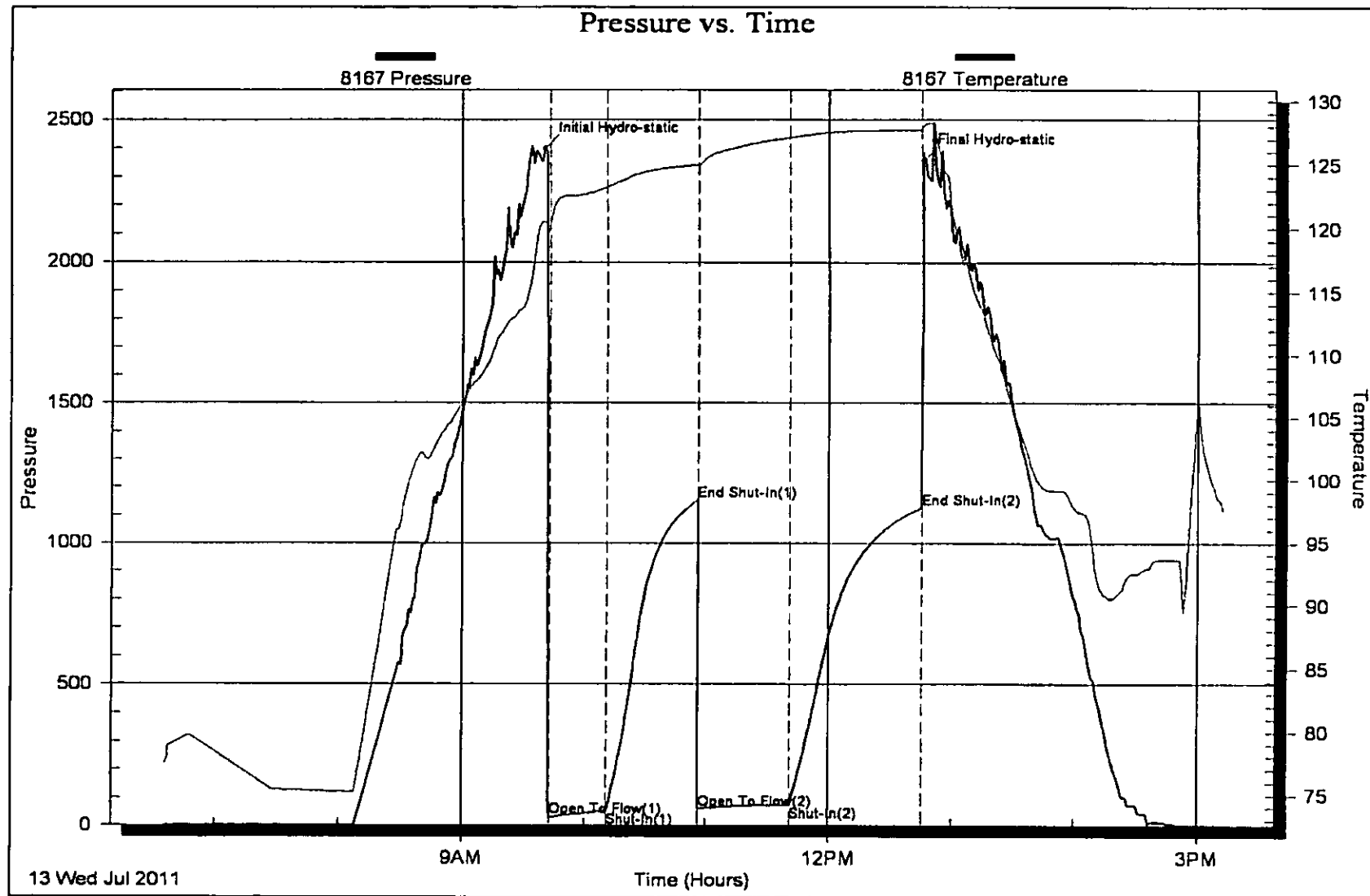
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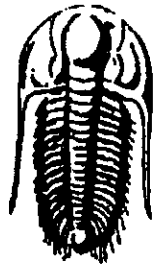
Serial #: 8167

Inside Charles N Griffin

34-32s-12w Barber, 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

34-32s-12w Barber,KS

Randels #2

Start Date: 2011.07.13 @ 23:59:18

End Date: 2011.07.14 @ 07:21:18

Job Ticket #: 042515 DST #: 3

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

Charles N.Griffin

Randels #2

34-32s-12w Barber,KS

DST # 3

Simpson

2011.07.13



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Charles N. Griffin

PO Box 347
Pratt KS 67124

ATTN: Bruce Reed

Randels #2

34-32s-12w Barber, KS

Job Ticket: 042515 DST#: 3

Test Start: 2011.07.13 @ 23:59:18

GENERAL INFORMATION:

Formation: **Simpson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:58:03

Time Test Ended: 07:21:18

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 56

Interval: 4810.00 ft (KB) To 4816.00 ft (KB) (TVD)

Total Depth: 4816.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1569.00 ft (KB)

1561.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8167

Inside

Press@RunDepth: 20.12 psig @ 4811.00 ft (KB)

Start Date: 2011.07.13

End Date:

2011.07.14

Capacity: 8000.00 psig

Last Calib.: 2011.07.14

Start Time: 23:59:23

End Time:

07:21:17

Time On Btm 2011.07.14 @ 02:55:33

Time Off Btm 2011.07.14 @ 05:02:33

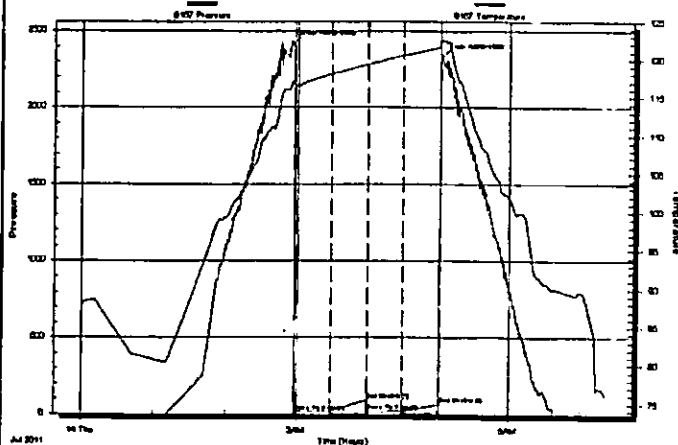
TEST COMMENT: IF: Weak blow. Slow increase to 4 1/2".

ISI: No blow.

FF: Weak blow. 1 - 3".

FSI: No blow.

Pressure vs Time



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2418.77	117.09	Initial Hydro-static
3	12.70	116.50	Open To Flow (1)
33	16.80	118.05	Shut-In (1)
64	91.70	119.35	End Shut-In (1)
64	15.33	119.36	Open To Flow (2)
94	20.12	120.54	Shut-In (2)
126	64.07	121.65	End Shut-In (2)
127	2333.15	122.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM 20% @ 80% m Clean oil @ top of tool	0.15
0.00	90 ft. of 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

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber, KS

Job Ticket: 042515 DST#: 3

ATTN: Bruce Reed

Test Start: 2011.07.13 @ 23.59.18

Tool Information

Drill Pipe:	Length: 4664.00 ft	Diameter: 3.80 inches	Volume: 65.42 bbl	Tool Weight:	2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	24000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose:	64000.00 lb
		Total Volume:	66.03 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	56000.00 lb
Depth to Top Packer:	4810.00 ft			Final	56000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	6.00 ft				
Tool Length:	34.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4783.00	
Shut in tool	5.00			4788.00	
HMV	5.00			4793.00	
Jars	5.00			4798.00	
Safety Joint	3.00			4801.00	
Packer	4.00			4805.00	28.00 Bottom Of Top Packer
Packer	5.00			4810.00	
Stubb	1.00			4811.00	
Recorder	0.00	8167	Inside	4811.00	
Recorder	0.00	8370	Outside	4811.00	
Bullnose	5.00			4816.00	6.00 Bottom Packers & Anchor

Total Tool Length: 34.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Charles N. Griffin

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber, KS

Job Ticket: 042515 DST#: 3

ATTN: Bruce Reed

Test Start: 2011.07.13 @ 23:59:18

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

5000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	OCM 20% to 80% m/Clean oil @ top of tool	0.148
0.00	90 ft. of GIP	0.000

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

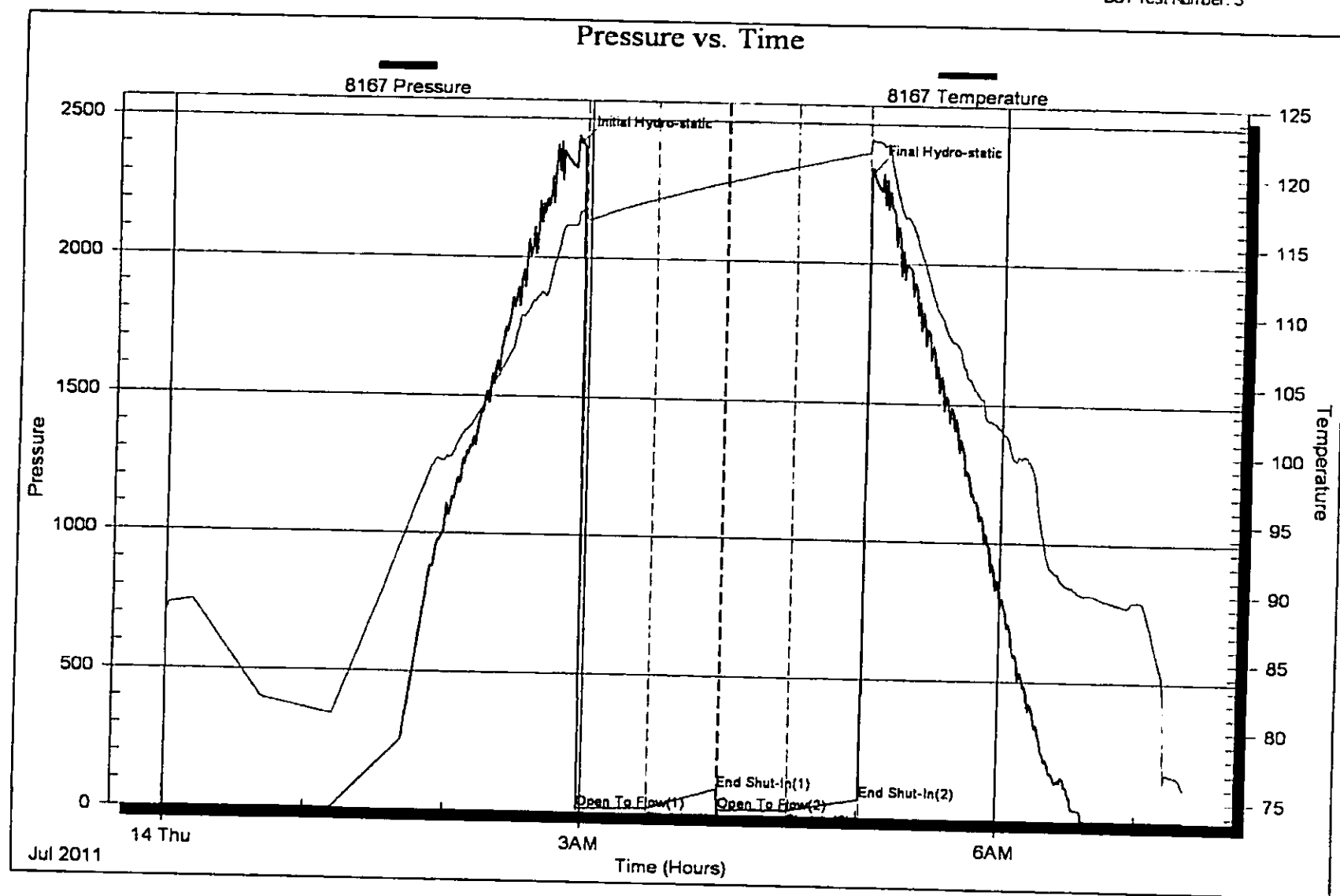
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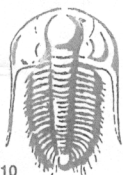
Serial #: 8167

Inside Charles N Griffin

34-32s-12w Barber, KS

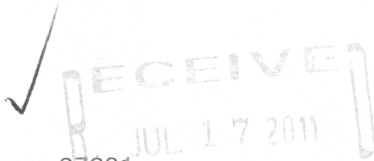
DST Test Number: 3





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601



Test Ticket

NO. 042513 15981

BY: _____

Well Name & No. RANDELS #2 Test No. 1 Date July 14, 2011
 Company CHARLES N. GRIFFIN Elevation 1569 KB 1561 GL
 Address P.O. Box 347, PRATT KS. 6124
 Co. Rep / Geo. BRUCE REED Rig FOSSIL DRUG #2
 Location: Sec. 34 Twp. 32S Rge. 12W Co. BARBER State KS

Interval Tested 4415 - 4450 Zone Tested MISS.
 Anchor Length 35' Drill Pipe Run 4291 Mud Wt. 9.4
 Top Packer Depth 4410' Drill Collars Run 124 Vis 48
 Bottom Packer Depth 4415' Wt. Pipe Run 0 WL 9.6 cc
 Total Depth 4450' Chlorides 4500 ppm System LCM 0
 Blow Description IF: Strong blow. B.O.B. in 7 1/2 mins. FSI: No blow.
FF: Weak blow. 2-4 1/2". FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>305</u>	<u>Gas in pipe</u>				
<u>5</u>	<u>Dry mud</u>				

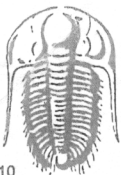
Rec Total 5 Fluid BHT 120° Gravity N/A API RW N.C. @ — °F Chlorides 4500 ppm
 (A) Initial Hydrostatic 2210 ☒ Test 1225 T-On Location 1501
 (B) First Initial Flow 19 ☐ Jars — T-Started 1625
 (C) First Final Flow 24 ☐ Safety Joint — T-Open 2004
 (D) Initial Shut-In 103 ☐ Circ Sub — T-Pulled 2251
 (E) Second Initial Flow 19 ☐ Hourly Standby 1/2 hr 50 T-Out 0135
 (F) Second Final Flow 21 ☒ Mileage 80 112 Comments —
 (G) Final Shut-In 92 ☐ Sampler —
 (H) Final Hydrostatic 2151 ☐ Straddle —

Initial Open 30 ☐ Shale Packer — ☐ Ruined Shale Packer —
 Initial Shut-In 45 ☐ Extra Packer — ☐ Ruined Packer —
 Final Flow 30 ☐ Extra Recorder — ☐ Extra Copies —
 Final Shut-In 60 ☐ Day Standby — Sub Total 0
☐ Accessibility — Total 1387
 Sub Total 1387 MP/DST Disc't —

Approved By _____

Our Representative _____

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

Test Ticket

NO. 042514

RECEIVED
JUL 17 2011

Well Name & No. RANDELS #2 BY: Test No. 2 Date 7-13-11
Company CHARLES N. GRIFFIN Elevation 1569 KB 1561 GL
Address P.O. Box 347 PRATT KS. 67124
Co. Rep / Geo. BRUCE REED Rig FOSSIL DRILL #2
Location: Sec. 34 Twp. 32S Rge. 12W Co. BARBER State KS.

Interval Tested 4786-4810' Zone Tested SIMPSON
Anchor Length 24' Drill Pipe Run 4664' Mud Wt. 9.5
Top Packer Depth 4781' Drill Collars Run 124' Vis 49
Bottom Packer Depth 4786' Wt. Pipe Run 0 WL 9.2 cc
Total Depth 4810' Chlorides 5000 ppm System LCM 2H
Blow Description IF: Strong blow 30.3 in 85 sec. ISI: No blow

FF: Strong blow 30.3 in 15 sec. FSI: No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>1975</u>	<u>Feet of Gas in pipe</u>				
<u>30</u>	<u>Feet of SOCM</u>		<u>3</u>		<u>97</u>
<u>120</u>	<u>Feet of GOCWM</u>	<u>13</u>	<u>11</u>	<u>35</u>	<u>41</u>

Rec Total 150 Fluid BHT 128 Gravity N/A API RW .07 @ 110 °F Chlorides 70,500 ppm
(A) Initial Hydrostatic 2398 ☒ Test 1225 T-On Location 0633
(B) First Initial Flow 32 ☒ Jars 250 T-Started 0635
(C) First Final Flow 51 ☒ Safety Joint 75 T-Open 0942
(D) Initial Shut-In 1152 ☐ Circ Sub T-Pulled 1246
(E) Second Initial Flow 59 ☐ Hourly Standby T-Out 1512
(F) Second Final Flow 73 ☒ Mileage 90 112 Comments
(G) Final Shut-In 1124 ☐ Sampler
(H) Final Hydrostatic 2357 ☐ Straddle ☐ Ruined Shale Packer
☐ Shale Packer ☐ Ruined Packer
☐ Extra Packer ☐ Extra Copies
☐ Extra Recorder Sub Total 0
☐ Day Standby Total 1642
☐ Accessibility MP/DST Disc't

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

Approved By Bruce A. Reed Our Representative

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

Test Ticket

NO. 042515

Well Name & No. RANDALLS #2 Test No. 3 Date 7-13-11
Company CHARLES N. GRIFFIN Elevation 1569 KB 1561 GL
Address P.O. Box 347, PRATT Ks. 67124
Co. Rep / Geo. BRUCE REED Rig FOSSIL DRILLER 2
Location: Sec. 34 Twp. 32S Rge. 12W Co. BARBER State Ks.

Interval Tested 4810 - 4816 Zone Tested SIMPSON
Anchor Length 6' Drill Pipe Run 4664' Mud Wt. 9.5
Top Packer Depth 4805' Drill Collars Run 124' Vis 49
Bottom Packer Depth 4810' Wt. Pipe Run 0 WL 9.2 cc
Total Depth 4816' Chlorides 5,000 ppm System LCM 2#
Blow Description IF: Weak blow. Slow increase to 4 1/2".
FSI: No blow.
FF: Weak blow. 1-3". FSI: No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>Gas in pipe</u>				
<u>30</u>	<u>OCM / Clean at @ top of Tot</u>	<u>20</u>	<u>20</u>	<u>80</u>	<u>80</u>

Rec Total 30 Fluid BHT 122 Gravity N/A API RW N.C. @ — °F Chlorides 5,000 ppm
(A) Initial Hydrostatic 2419 ☒ Test 1225 T-On Location 0003
(B) First Initial Flow 13 ☒ Jars 250 T-Started 2359
(C) First Final Flow 17 ☒ Safety Joint 75 T-Open 0258
(D) Initial Shut-In 92 ☐ Circ Sub — T-Pulled 0500
(E) Second Initial Flow 15 ☐ Hourly Standby — T-Out 0721
(F) Second Final Flow 20 ☒ Mileage 80 112 Comments —
(G) Final Shut-In 64 ☐ Sampler —
(H) Final Hydrostatic 2333 ☐ Straddle —

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

☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
Sub Total 0
Total 1462
MP/DST Disc't —
Sub Total 1462

Approved By —

Our Representative —

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