

15-163-23804

31-9s-17w

ka



**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Gore Oil Co.  
202 S St. Francis Wichita  
Ks 67202  
ATTN: Don Rider

**Ganoung #9**  
**Sec.31Twp.9sRge.17w**  
Job Ticket: 36402 **DST#: 1**  
Test Start: 2009.07.04 @ 17:05:49

**GENERAL INFORMATION:**

Formation: **Topeka**  
Deviated: **No Whipstock**  
Time Tool Opened: 20:01:19  
Time Test Ended: 23:53:19

KANSAS CORPORATION COMMISSION  
ft (KB)

Test Type: **Conventional Bottom Hole**  
Tester: **Brett Dickinson**  
Unit No: **32**

Interval: **3132.00 ft (KB) To 3195.00 ft (KB) (TVD)**  
Total Depth: **3195.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition:

Reference Elevations: **2098.00 ft (KB)**  
**2090.00 ft (CF)**  
KB to GR/CF: **8.00 ft**

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**Serial #: 6755**

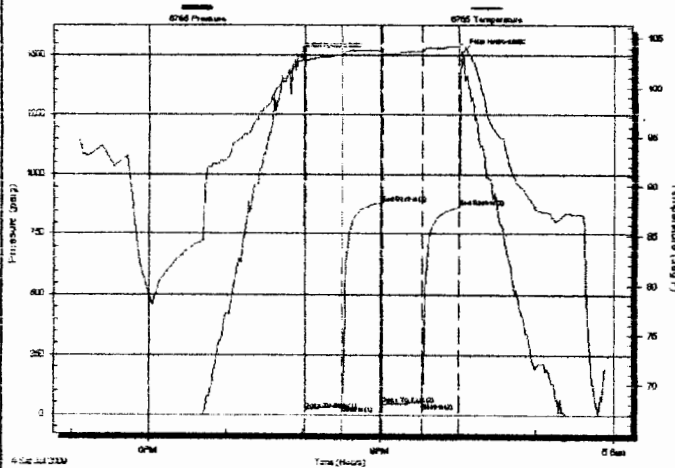
**Inside**

Press@RunDepth: **51.67 psig @ 3167.00 ft (KB)**  
Start Date: **2009.07.04** End Date: **2009.07.04**  
Start Time: **17:05:49** End Time: **23:53:19**

Capacity: **7000.00 psig**  
Last Calib.: **2009.07.04**  
Time On Btm: **2009.07.04 @ 19:55:19**  
Time Off Btm: **2009.07.04 @ 22:02:49**

TEST COMMENT: IF- 1in blow  
IS- No blow  
FF- No Blow  
FSI- No blow

Pressure vs. Time



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1496.38	102.60	Initial Hydro-static
6	20.34	102.73	Open To Flow (1)
35	40.00	103.29	Shut-in(1)
65	881.97	103.76	End Shut-in(1)
66	44.35	103.32	Open To Flow (2)
97	51.67	103.69	Shut-in(2)
125	864.02	104.11	End Shut-in(2)
128	1511.11	104.38	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
80.00	Oil spotted mud	0.57

**Gas Rates**

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

Serial #: 6755

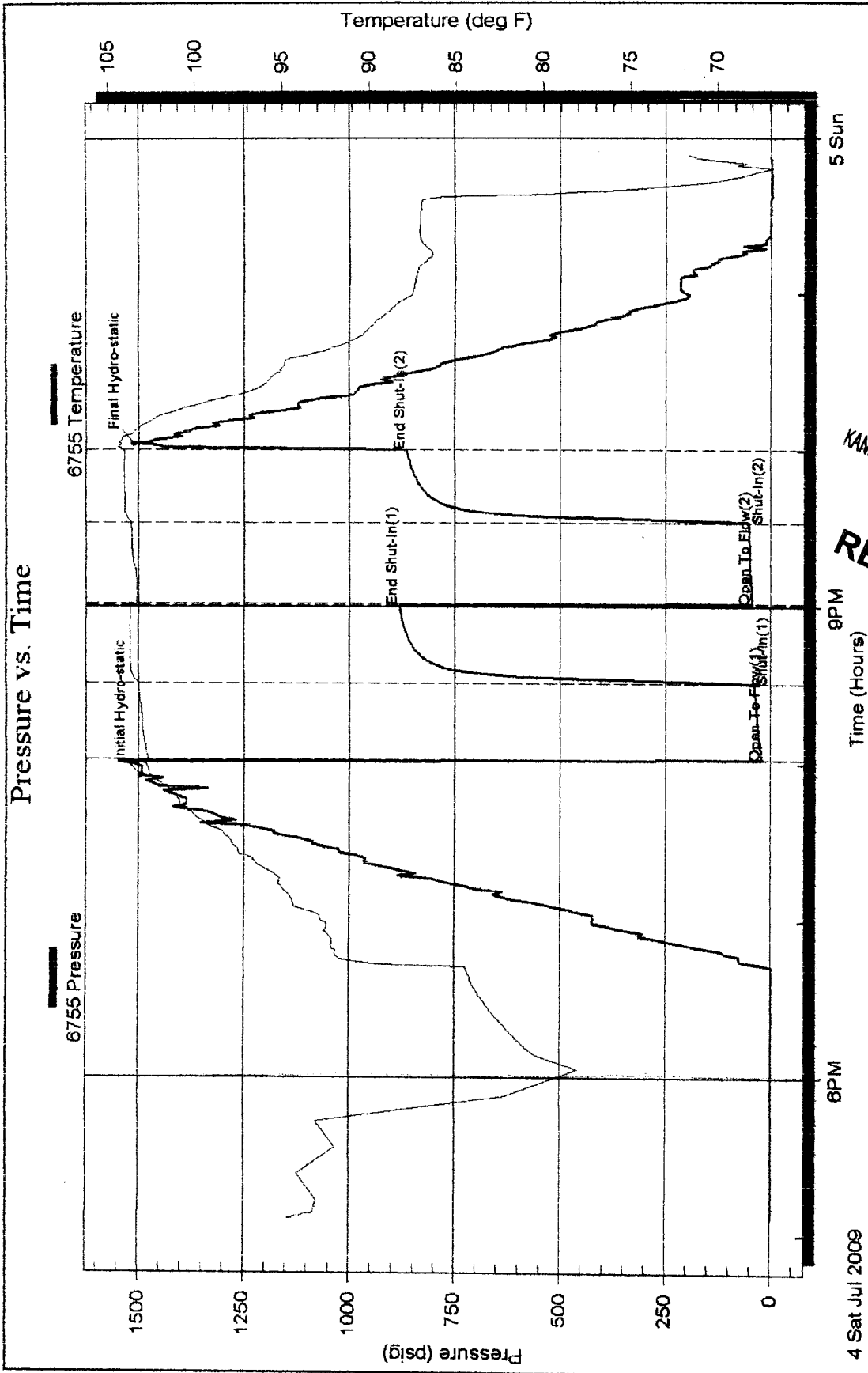
Inside

Gore Oil Co.

Sec. 31 Tw p. 9s Rge. 17W

DST Test Number: 1

### Pressure vs. Time



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Tribbitt Testing, Inc

Ref. No: 36402

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# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 36402

Well Name & No. San Juan #9 Test No. 1 Date 7-04-09  
 Company Gore Oil Co Elevation 2098 KB 2090 GL  
 Address # 202 551 Francis Wichita KS 67202  
 Co. Rep / Geo. Don Rider Rig Maverick  
 Location: Sec. 31 Twp. 9S Rge. 17W Co. Rooks State KS

Interval Tested 3132 - 3195 Zone Tested Topo kg  
 Anchor Length 63 Drill Pipe Run \_\_\_\_\_ Mud Wt. 9.0  
 Top Packer Depth 3127 Drill Collars Run 61 Vis 48  
 Bottom Packer Depth 3132 Wt. Pipe Run \_\_\_\_\_ WL 8.9  
 Total Depth 3195 Chlorides 2000 ppm System \_\_\_\_\_  
 Blow Description FF - No blow  
ISI - No blow  
FF -  
ISI

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Rec	Feet of	%gas	%oil	%water	%mud
<u>80</u>	<u>oil spotted 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	%mud

Rec Total 80 BHT 104 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1496  Test \_\_\_\_\_ T-On Location 15:30  
 (B) First Initial Flow 20  Jars \_\_\_\_\_ T-Started 17:05  
 (C) First Final Flow 40  Safety Joint \_\_\_\_\_ T-Open 20:00  
 (D) Initial Shut-In 881  Circ Sub \_\_\_\_\_ T-Pulled 22:00  
 (E) Second Initial Flow 44  Hourly Standby \_\_\_\_\_ T-Out 23:48  
 (F) Second Final Flow 91  Mileage 31x2 Comments \_\_\_\_\_  
 (G) Final Shut-In 864  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1,511  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open 30  Day Standby \_\_\_\_\_ Sub Total \_\_\_\_\_  
 Initial Shut-In 30  Accessibility \_\_\_\_\_ Total \_\_\_\_\_  
 Final Flow 30 Sub Total \_\_\_\_\_  
 Final Shut-In 30 Total \_\_\_\_\_

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.**

**DRILL STEM TEST REPORT**

Gore Oil Co.  
202 S St. Francis Wichita  
Ks 67202  
ATTN: Don Rider

Ganoung #8  
Sec. 31 Twp. 9S Rge. 17W  
Job Ticket: 36403 DST#: 2  
Test Start: 2009.07.05 @ 18:20:26

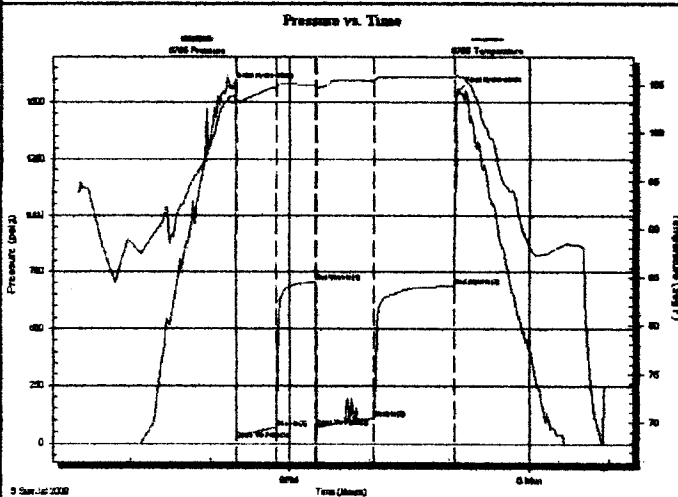
**GENERAL INFORMATION:**

Formation: LKC  
Deviated: No Whipstock ft (KB)  
Time Tool Opened: 20:19:26  
Time Test Ended: 00:57:56  
Interval: 3274.00 ft (KB) To 3370.00 ft (KB) (TVD)  
Total Depth: 3370.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition:  
Test Type: Conventional Bottom Hole  
Tester: Brett Dickinson  
Unit No: 32  
Reference Elevations: 2088.00 ft (KB)  
2090.00 ft (CF)  
KB to GRVCF: 8.00 ft

Serial #: 6755 Inside  
Press@RunDepth: 108.53 psig @ 3342.00 ft (KB)  
Start Date: 2009.07.05 End Date: 2009.07.06  
Start Time: 18:20:26 End Time: 00:57:56  
Capacity: 7000.00 psig  
Last Calib.: 2009.07.06  
Time On Bttr: 2009.07.05 @ 20:14:56  
Time Off Bttr: 2009.07.05 @ 23:08:56

TEST COMMENT: F- 6.5in blow  
IS- No blow  
FF- 3in blow  
FSI- No blow

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Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1567.07	103.81	Initial Hydro-static
5	17.92	103.18	Open To Flow (1)
35	68.14	104.72	Shut-In (1)
65	706.39	104.97	End Shut-In (1)
65	70.63	104.63	Open To Flow (2)
109	108.53	105.42	Shut-In (2)
169	690.20	105.72	End Shut-In (2)
172	1551.67	105.76	Final Hydro-static

Length (ft)	Description	Volume (bbl)
190.00	Oil spotted mud	2.11

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

Serial #: 6755

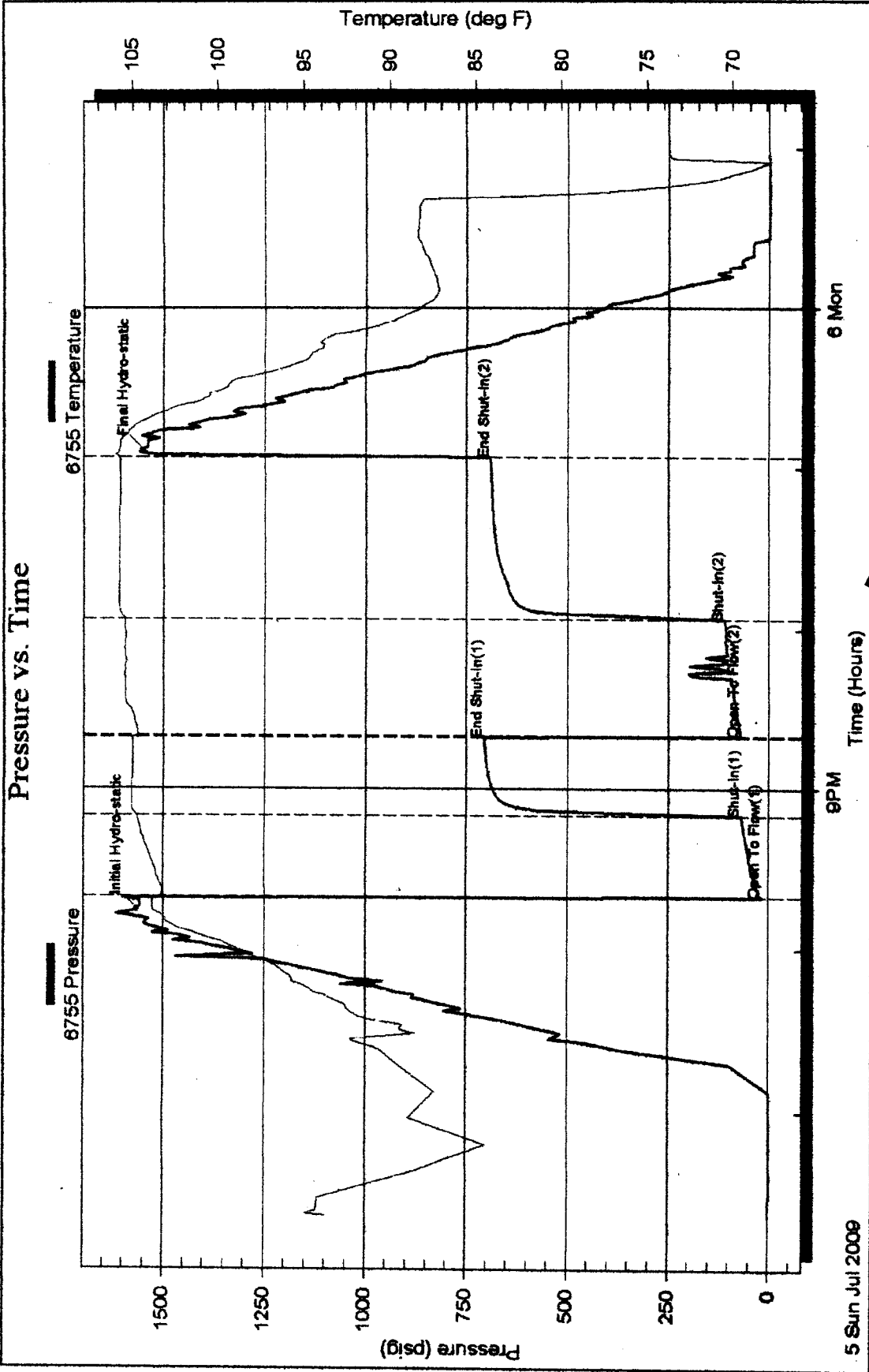
Inside

Gore Oil Co.

Sec. 31TW p. 9s Rge. 17W

DST Test Number: 2

### Pressure vs. Time



5 Sun Jul 2009

9 PM

6 Mon

Time (Hours)

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Ref. No: 36403

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# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 36403

Well Name & No. Ganong #9 Test No. 2 Date 7-05-09  
 Company Gore Oil Co Elevation 2098 KB 2090 GL  
 Address 2025 N Francis Wichita KS 67202  
 Co. Rep / Geo. Ron Rider Rig Maverick  
 Location: Sec. 31 Twp. 9s Rge. 17w Co. Reels State KS

Interval Tested 3274 - 3370 Zone Tested Lansing  
 Anchor Length 96 Drill Pipe Run \_\_\_\_\_ Mud Wt. 9.2  
 Top Packer Depth 3269 Drill Collars Run 61 Vls 55  
 Bottom Packer Depth 3274 Wt. Pipe Run \_\_\_\_\_ WL 8.6  
 Total Depth 3370 Chlorides 3,000 ppm System LCM  
 Blow Description IF - 6 1/2 in blow  
FSI - No blow  
FF - 3 in blow  
FSI - No blow

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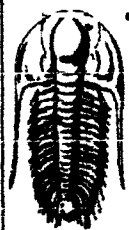
Rec	Feet of	%gas	%oil	%water	%mud
<u>190</u>	<u>oil spotted Mud</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 190 BHT 105 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1,367  Test \_\_\_\_\_ T-On Location 12:45  
 (B) First Initial Flow 17  Jars \_\_\_\_\_ T-Started 18:20  
 (C) First Final Flow 68  Safety Joint \_\_\_\_\_ T-Open 20:19  
 (D) Initial Shut-In 706  Circ Sub \_\_\_\_\_ T-Pulled 23:04  
 (E) Second Initial Flow 70  Hourly Standby \_\_\_\_\_ T-Out :53  
 (F) Second Final Flow 108  Mileage 31x2 Comments \_\_\_\_\_  
 (G) Final Shut-In 690  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1,551  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Day Standby \_\_\_\_\_ Sub Total \_\_\_\_\_  
 Accessibility \_\_\_\_\_ Total \_\_\_\_\_

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 45  
 Final Shut-In 60  
 Sub Total \_\_\_\_\_  
 Approved By [Signature] Our Representative [Signature]

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**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Gore Oil Co.  
202 S St. Francis Wichita  
Ks 67202

ATTN: Don Rider

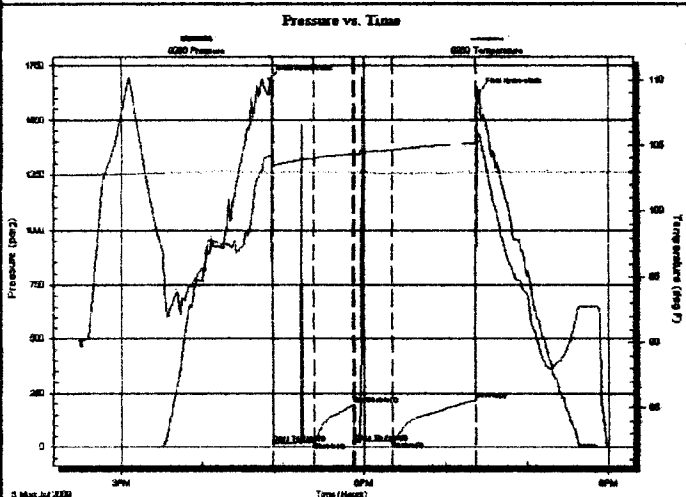
**Ganoung #9**  
**Sec. 31 Twp. 9s Rge. 17w**  
Job Ticket: 36404      **DST#: 3**  
Test Start: 2009.07.06 @ 14:28:04

### GENERAL INFORMATION:

Formation: **LKC**  
Deviated: No      Whipstock      ft (KB)  
Time Tool Opened: 16:52:04  
Time Test Ended: 20:59:04  
Test Type: Conventional Bottom Hole  
Tester: Brett Dickinson  
Unit No: 32  
Interval: **3380.00 ft (KB) To 3600.00 ft (KB) (TVD)**  
Reference Elevations: 2095.00 ft (KB)  
Total Depth: 3500.00 ft (KB) (TVD)      2090.00 ft (CF)  
Hole Diameter: 7.88 inches      Hole Condition: KB to GR/CP: 8.00 ft

**Serial #: 8360**      **Inside**  
Press@RunDepth: 24.50 psig @ 3477.00 ft (KB)      Capacity: 7000.00 psig  
Start Date: 2009.07.06      End Date: 2009.07.06      Last Calib.: 2009.07.06  
Start Time: 14:28:04      End Time: 20:59:04      Time On Btm: 2009.07.06 @ 16:50:04  
Time Off Btm: 2009.07.06 @ 19:24:34

**TEST COMMENT:** IF- 1/4inblow died in 19min Flush tool Very weak surface blow died in 6min  
IS- no blow  
FF- no blow flush tool  
FS- no blow



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1690.07	104.17	Initial Hydro-static
2	19.56	103.39	Open To Flow (1)
33	24.50	103.99	Shut-In(1)
62	195.97	104.35	End Shut-In(1)
63	24.04	104.30	Open To Flow(2)
91	27.77	104.62	Shut-In(2)
152	217.37	105.15	Shut-In(3)
155	1633.09	105.77	Final Hydro-static

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Recovery		
Length (ft)	Description	Volume (bbl)
25.00	mud	0.35

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

Serial #: 8360

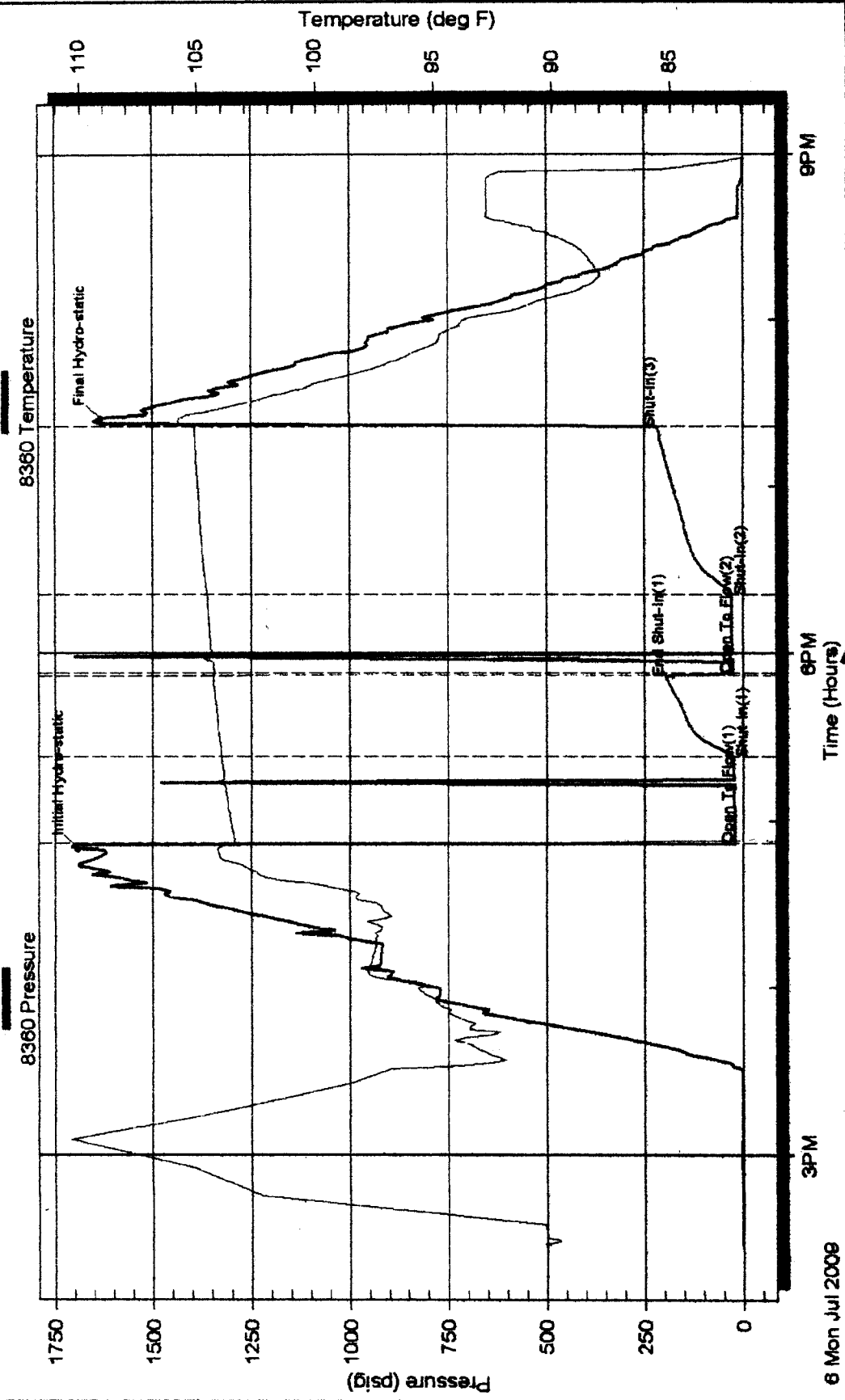
Inside

Gore Oil Co.

Sec. 311w p. 9s Rge. 17w

DST Test Number: 3

### Pressure vs. Time



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Tribbitt Testing, Inc

Ref. No: 36404

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# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 36404

Well Name & No. Gardner 49 Test No. 3 Date 7-06-09  
 Company Core Oil Co Elevation 2098 KB 2090 GL  
 Address 202 S St Francis Wichita KS 67202  
 Co. Rep / Geo. Don Rider Rig Moucrie\*  
 Location: Sec. 31 Twp. 9S Rge. 12W Co. Root 5 State KS

Interval Tested 3380 - 3400 Zone Tested LTC  
 Anchor Length 120 Drill Pipe Run \_\_\_\_\_ Mud Wt. 9.2  
 Top Packer Depth 3375 Drill Collars Run 61 Vis 55  
 Bottom Packer Depth 3380 Wt. Pipe Run \_\_\_\_\_ WL 8.6  
 Total Depth 3300 Chlorides 3,000 ppm System LCM \_\_\_\_\_

Blow Description 2F - 1/4 in blow died in 19 min Flash tool was wet surface 1/4 in died in  
1st - No blow  
11 - No blow (flashed) no blow  
1st - No blow

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Rec	Feet of	%gas	%oil	%water	%mud
<u>25</u>	<u>Feet of mud</u>			<u>110</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 25 BHT 104 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ F Chlorides \_\_\_\_\_ ppm

- (A) Initial Hydrostatic 1,690
- (B) First Initial Flow 19
- (C) First Final Flow 24
- (D) Initial Shut-In 195
- (E) Second Initial Flow 24
- (F) Second Final Flow 27
- (G) Final Shut-In 217
- (H) Final Hydrostatic 1,633

- Test \_\_\_\_\_
- Jars \_\_\_\_\_
- Safety Joint \_\_\_\_\_
- Circ Sub \_\_\_\_\_
- Hourly Standby \_\_\_\_\_
- Mileage 3/12
- Sampler \_\_\_\_\_
- Straddle \_\_\_\_\_
- Shale Packer \_\_\_\_\_
- Extra Packer \_\_\_\_\_
- Extra Recorder \_\_\_\_\_
- Day Standby \_\_\_\_\_
- Accessibility \_\_\_\_\_

- T-On Location 13:30
- T-Started 14:35
- T-Open 16:58
- T-Pulled 19:28
- T-Out 21:05

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

- Ruined Shale Packer \_\_\_\_\_
- Ruined Packer \_\_\_\_\_
- Extra Copies \_\_\_\_\_
- Sub Total \_\_\_\_\_
- Total \_\_\_\_\_

Approved By Don Rider Our Representative Don Rider

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