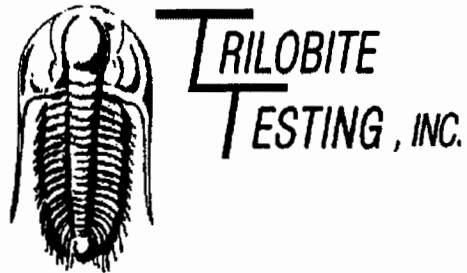


15-033-21327

15-32s-19w



## DRILL STEM TEST REPORT

Prepared For: **Thoroughbred Associates**

8100 E, 22nd St. No. Bldg. 800  
Ste. F  
Wichita Ks. 67228

ATTN: Kevin Davis

**15-32s-19w Comanche**

**Herd #4**

Start Date: 2002.08.15 @ 18:03:19

End Date: 2002.08.16 @ 02:01:34

Job Ticket #: 15700      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE**  
**TESTING, INC**

## DRILL STEM TEST REPORT

Thoroughbred Associates

8100 E.22nd St.No.Bldg.800  
Ste.F  
Wichita Ks. 67228  
ATTN: Kevin Davis

**Herd #4**

**15-32s-19w Comanche**

Job Ticket: 15700

**DST#: 1**

Test Start: 2002.08.15 @ 18:03:19

### GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 20:47:19

Time Test Ended: 02:01:34

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **23**

Interval: **4993.00 ft (KB) To 5100.00 ft (KB) (TVD)**

Total Depth: **5100.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **2022.00 ft (KB)**

**2017.00 ft (CF)**

KB to GR/CF: **5.00 ft**

**Serial #: 2342**

**Inside**

Press@RunDepth: **101.04 psig @ 4994.00 ft (KB)**

Start Date: **2002.08.15**

End Date:

**2002.08.16**

Capacity: **7000.00 psig**

Last Calib.:

**2002.08.16**

Start Time: **18:03:20**

End Time:

**02:01:34**

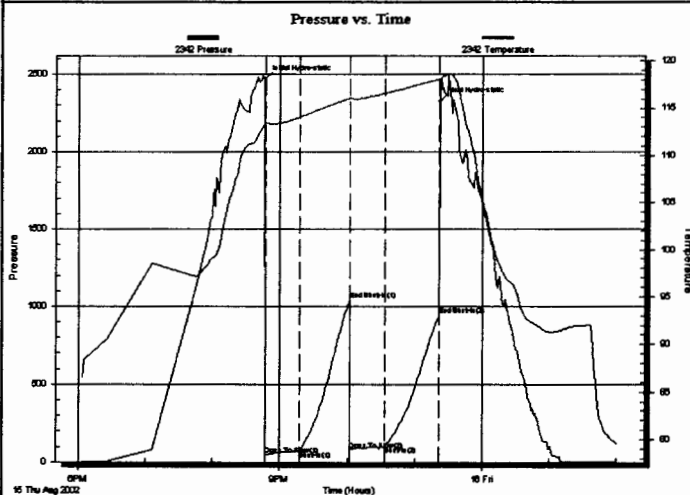
Time On Btm:

**2002.08.15 @ 20:46:34**

Time Off Btm:

**2002.08.15 @ 23:22:04**

TEST COMMENT: IF:Fair to strong blow . B.O.B. in 11 mins.  
IS:No blow .  
FF:Weak to fair blow . Slow increase to 7".  
FS:No blow .



### PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2472.25         | 113.36       | Initial Hydro-static |
| 1           | 46.57           | 113.39       | Open To Flow (1)     |
| 31          | 74.60           | 114.07       | Shut-In(1)           |
| 76          | 1041.87         | 116.06       | End Shut-In(1)       |
| 76          | 77.71           | 116.07       | Open To Flow (2)     |
| 107         | 101.04          | 116.57       | Shut-In(2)           |
| 156         | 943.51          | 118.05       | End Shut-In(2)       |
| 156         | 2326.47         | 118.07       | Final Hydro-static   |

### Recovery

| Length (ft) | Description             | Volume (bbl) |
|-------------|-------------------------|--------------|
| 140.00      | Drig. mud               | 0.69         |
| 0.00        | 170 ft. of gas in pipe. | 0.00         |
|             |                         |              |
|             |                         |              |
|             |                         |              |
|             |                         |              |

### Gas Rates

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



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Thoroughbred Associates

Herd #4

8100 E.22nd St.No.Bldg.800

15-32s-19w Comanche

Ste.F

Job Ticket: 15700

DST#: 1

Wichita Ks. 67228

ATTN: Kevin Davis

Test Start: 2002.08.15 @ 18:03:19

### Tool Information

|                           |                    |                         |                   |                                    |
|---------------------------|--------------------|-------------------------|-------------------|------------------------------------|
| Drill Pipe:               | Length: 4743.00 ft | Diameter: 3.80 inches   | Volume: 66.53 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: 20000.00 lb  |
| Drill Collar:             | Length: 244.00 ft  | Diameter: 2.25 inches   | Volume: 1.20 bbl  | Weight to Pull Loose: 84000.00 lb  |
|                           |                    | Total Volume: 67.73 bbl |                   | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 21.00 ft           |                         |                   | String Weight: Initial 76000.00 lb |
| Depth to Top Packer:      | 4993.00 ft         |                         |                   | Final 77000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                         |                   |                                    |
| Interval between Packers: | 107.00 ft          |                         |                   |                                    |
| Tool Length:              | 134.00 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  |       |         | 4967.00 |                                |
| S.I. Tool     | 5.00  |       |         | 4972.00 |                                |
| HMV           | 5.00  |       |         | 4977.00 |                                |
| Jars          | 5.00  |       |         | 4982.00 |                                |
| Safety Joint  | 2.00  |       |         | 4984.00 |                                |
| Packer        | 4.00  |       |         | 4988.00 | 27.00 Bottom Of Top Packer     |
| Packer        | 5.00  |       |         | 4993.00 |                                |
| Stubb         | 1.00  |       |         | 4994.00 |                                |
| Recorder      | 0.00  | 2342  | Inside  | 4994.00 |                                |
| Perforations  | 7.00  |       |         | 5001.00 |                                |
| C.O. Sub      | 1.00  |       |         | 5002.00 |                                |
| Blank Spacing | 92.00 |       |         | 5094.00 |                                |
| C.O. Sub      | 1.00  |       |         | 5095.00 |                                |
| Recorder      | 0.00  | 13222 | Outside | 5095.00 |                                |
| Bullnose      | 5.00  |       |         | 5100.00 | 107.00 Bottom Packers & Anchor |

Total Tool Length: 134.00



**TRILOBITE**  
**TESTING, INC**

## DRILL STEM TEST REPORT

### FLUID SUMMARY

Thoroughbred Associates

**Herd #4**

8100 E.22nd St.No.Bldg.800

**15-32s-19w Comanche**

Ste.F

Job Ticket: 15700

**DST#: 1**

Wichita Ks. 67228

Test Start: 2002.08.15 @ 18:03:19

ATTN: Kevin Davis

### 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:

5000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 in<sup>3</sup>

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<br>ft | Description             | Volume<br>bbl |
|--------------|-------------------------|---------------|
| 140.00       | Drig. mud               | 0.688         |
| 0.00         | 170 ft. of gas in pipe. | 0.000         |

Total Length: 140.00 ft

Total Volume: 0.688 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

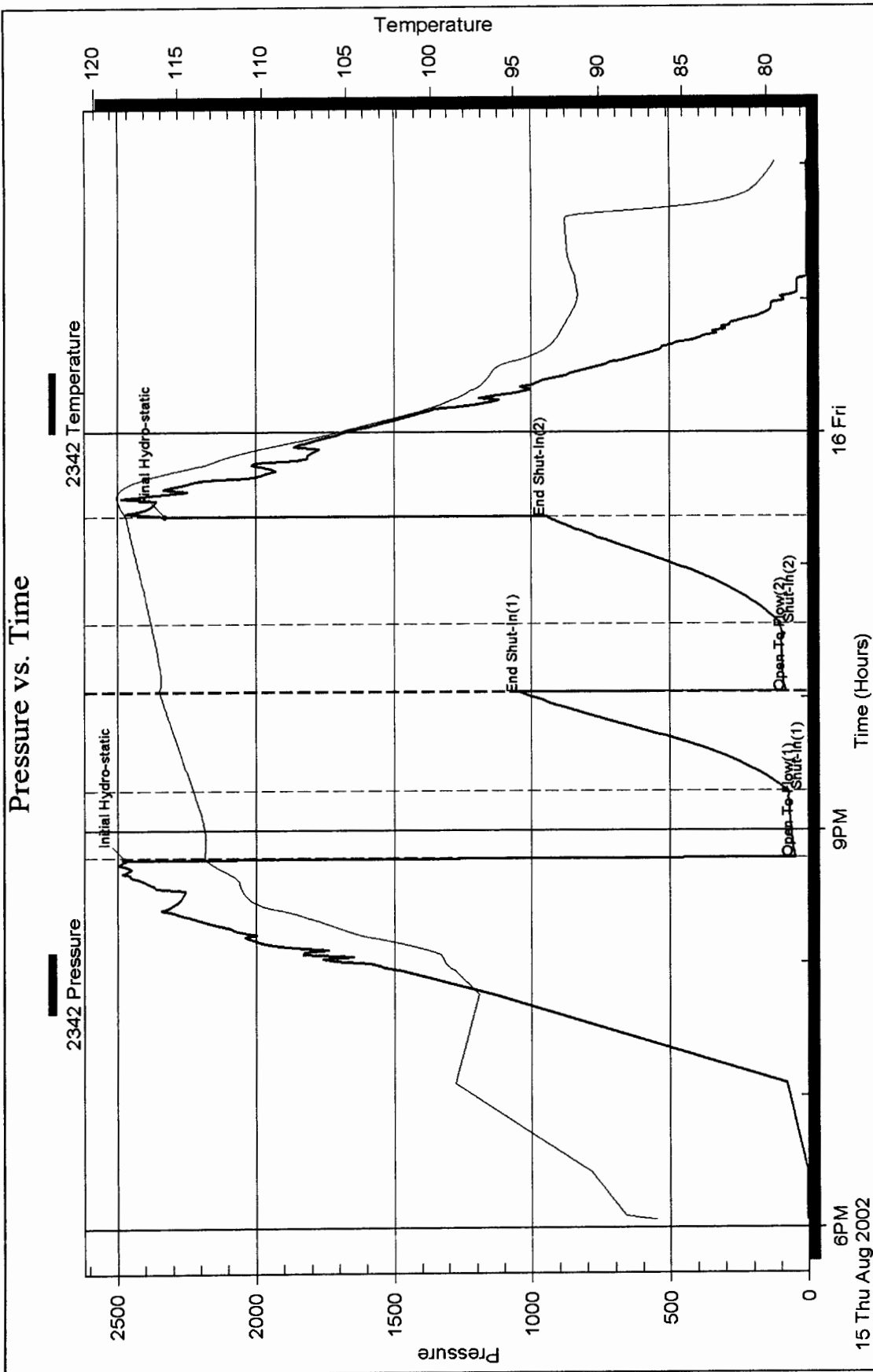
15-32s-19w Comanche

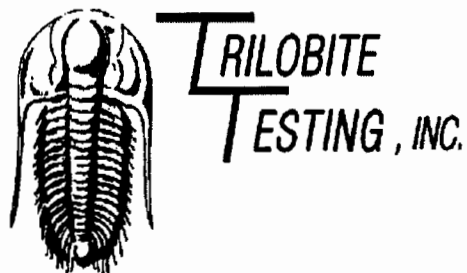
Thoroughbred Associates

Inside

Serial #: 2342

# Pressure vs. Time





## DRILL STEM TEST REPORT

Prepared For: **Thoroughbred Associates**

8100 E, 22nd St. No. Bldg. 800  
Ste. F  
Wichita Ks. 67228

ATTN: Kevin Davis

**15-32s-19w Comanche**

**Herd #4**

Start Date: 2002.08.18 @ 23:52:46

End Date: 2002.08.19 @ 12:15:01

Job Ticket #: 16351                      DST #: 2

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Thoroughbred Associates

8100 E.22nd St.No.Bldg.800

Ste.F

Wichita Ks. 67228

ATTN: Kevin Davis

**Herd #4**

**15-32s-19w Comanche**

Job Ticket: 16351

**DST#: 2**

Test Start: 2002.08.18 @ 23:52:46

### GENERAL INFORMATION:

Formation: **Viola**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 02:36:31

Time Test Ended: 12:15:01

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **23**

Interval: **5800.00 ft (KB) To 5840.00 ft (KB) (TVD)**

Total Depth: **5840.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **2022.00 ft (KB)**

**2017.00 ft (CF)**

KB to GR/CF: **5.00 ft**

**Serial #: 2342**

**Inside**

Press@RunDepth: **1208.22 psig @ 5801.00 ft (KB)**

Start Date: **2002.08.18**

End Date:

**2002.08.19**

Capacity: **7000.00 psig**

Last Calib.: **2002.08.19**

Start Time: **23:52:47**

End Time:

**12:15:01**

Time On Btm: **2002.08.19 @ 02:35:46**

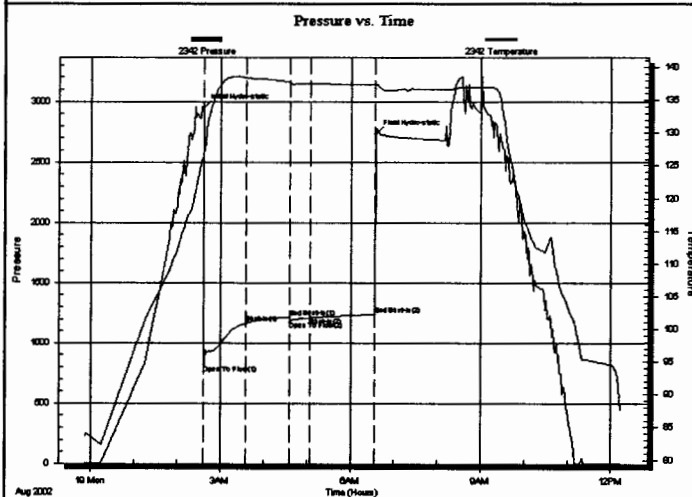
Time Off Btm: **2002.08.19 @ 06:34:16**

**TEST COMMENT:** F:Strong blow . GTS in 5 mins. (see gas volume report)

IS:Strong blow . (venting throughout)

FF:Strong blow . TSTM on 1/2" choke.

FS:strong blow . (venting throughout)



### PRESSURE SUMMARY

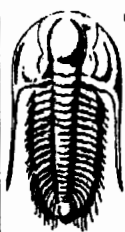
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2948.54         | 126.39       | Initial Hydro-static |
| 1           | 747.03          | 126.59       | Open To Flow (1)     |
| 60          | 1161.80         | 138.37       | Shut-In(1)           |
| 120         | 1216.27         | 137.77       | End Shut-In(1)       |
| 120         | 1181.48         | 137.78       | Open To Flow (2)     |
| 149         | 1208.22         | 137.53       | Shut-In(2)           |
| 238         | 1235.93         | 137.32       | End Shut-In(2)       |
| 239         | 2732.85         | 137.36       | Final Hydro-static   |

### Recovery

| Length (ft) | Description               | Volume (bbl) |
|-------------|---------------------------|--------------|
| 120.00      | HOCM 25%o 75% m           | 0.59         |
| 5630.00     | Clean gassy oil 27%g 73%o | 77.84        |
|             |                           |              |
|             |                           |              |
|             |                           |              |
|             |                           |              |

### Gas Rates

|                | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|----------------|-----------------|------------------|
| First Gas Rate | 0.50           | 2.00            | 110.63           |
| Last Gas Rate  | 0.50           | 0.50            | 100.51           |
| Max. Gas Rate  | 0.50           | 5.00            | 130.87           |



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Thoroughbred Associates

**Herd #4**

8100 E,22nd St.No.Bldg.800

**15-32s-19w Comanche**

Ste.F

Job Ticket: 16351

**DST#:2**

Wichita Ks. 67228

Test Start: 2002.08.18 @ 23:52:46

ATTN: Kevin Davis

### Tool Information

|                           |                    |                       |                   |                                    |
|---------------------------|--------------------|-----------------------|-------------------|------------------------------------|
| Drill Pipe:               | Length: 5551.00 ft | Diameter: 3.80 inches | Volume: 77.87 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: 20000.00 lb  |
| Drill Collar:             | Length: 244.00 ft  | Diameter: 2.25 inches | Volume: 1.20 bbl  | Weight to Pull Loose: 110000.0 lb  |
|                           |                    | Total Volume:         | 79.07 bbl         | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 22.00 ft           |                       |                   | String Weight: Initial 81000.00 lb |
| Depth to Top Packer:      | 5800.00 ft         |                       |                   | Final 95000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                   |                                    |
| Interval between Packers: | 40.00 ft           |                       |                   |                                    |
| Tool Length:              | 67.00 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  |       |         | 5774.00 |                               |
| S.I. Tool    | 5.00  |       |         | 5779.00 |                               |
| HMV          | 5.00  |       |         | 5784.00 |                               |
| Jars         | 5.00  |       |         | 5789.00 |                               |
| Safety Joint | 2.00  |       |         | 5791.00 |                               |
| Packer       | 4.00  |       |         | 5795.00 | 27.00 Bottom Of Top Packer    |
| Packer       | 5.00  |       |         | 5800.00 |                               |
| Stubb        | 1.00  |       |         | 5801.00 |                               |
| Recorder     | 0.00  | 2342  | Inside  | 5801.00 |                               |
| Perforations | 34.00 |       |         | 5835.00 |                               |
| Recorder     | 0.00  | 13222 | Outside | 5835.00 |                               |
| Bullnose     | 5.00  |       |         | 5840.00 | 40.00 Bottom Packers & Anchor |

**Total Tool Length: 67.00**





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

### FLUID SUMMARY

Thoroughbred Associates

**Herd #4**

8100 E, 22nd St. No. Bldg. 800

**15-32s-19w Comanche**

Ste. F

Job Ticket: 16351

**DST#: 2**

Wichita Ks. 67228

Test Start: 2002.08.18 @ 23:52:46

ATTN: Kevin Davis

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

4000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

### Recovery Information

Recovery Table

| Length<br>ft | Description               | Volume<br>bbl |
|--------------|---------------------------|---------------|
| 120.00       | HOCM 25%o 75%m            | 0.590         |
| 5630.00      | Clean gassy oil 27%g 73%o | 77.845        |

Total Length: 5750.00 ft

Total Volume: 78.435 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

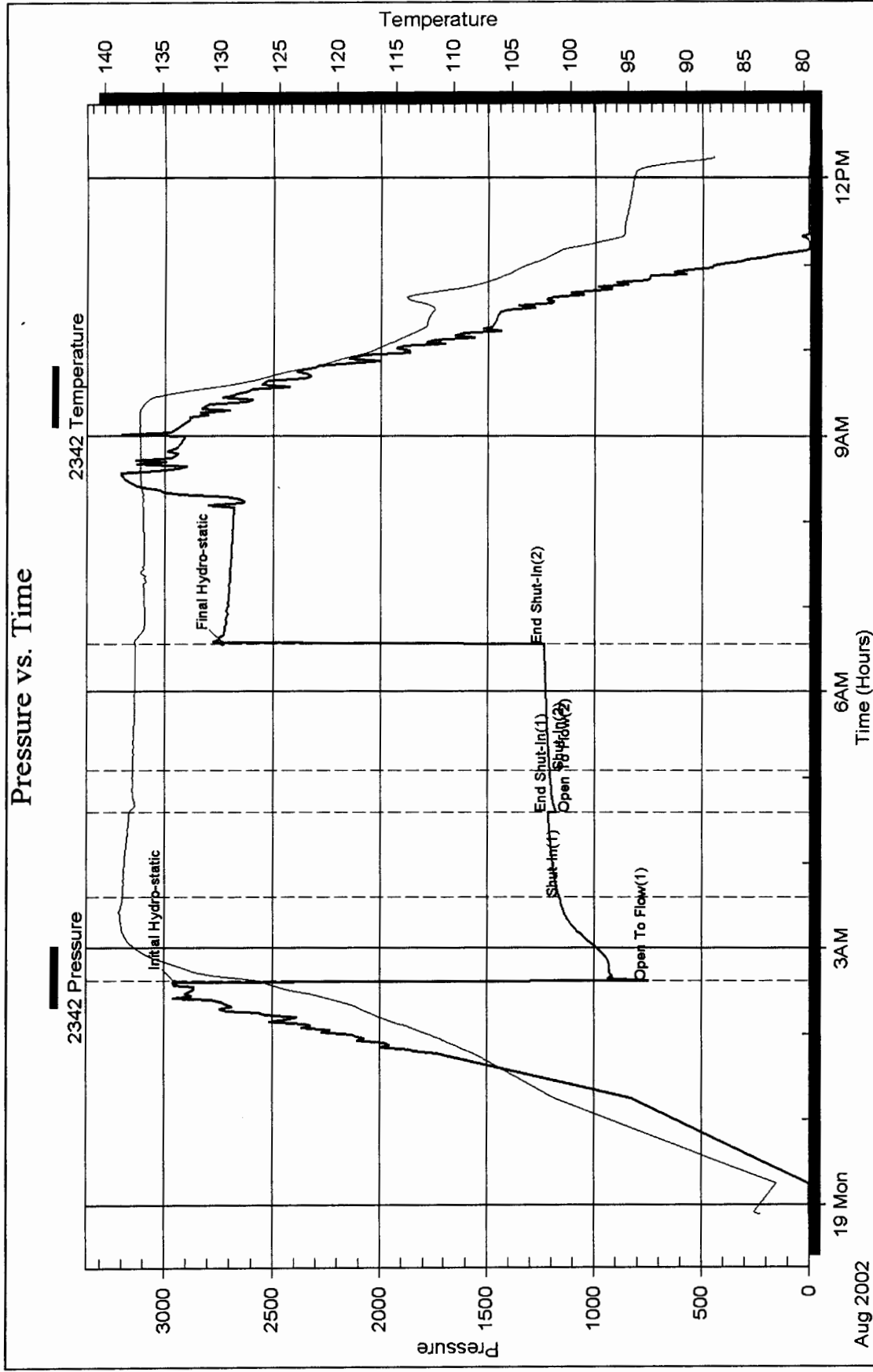
Serial #: 2342

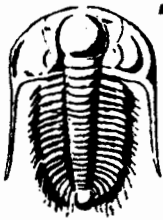
Inside

Thoroughbred Associates

15-32s-19w Comanche

DST Test Number: 2





# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 15700

## Test Ticket

Well Name & No. Head #4 Test No. 1 Date 8-15-2002  
 Company Thoroughbred Assoc. Zone Tested Mammoth  
 Address 8100 E. 22<sup>nd</sup> St. No. Bldg. 800, Ste. F, Wichita, KS. 67228 Elevation 2022 KB 2017 GL  
 Co. Rep / Geo. Kevin Davis Cont. Pickrell Dely. # 1 Est. Ft. of Pay      Por.      %  
 Location: Sec. 15 Twp. 32 S Rge. 19 W Co. Comanche State Ks.  
 No. of Copies 5 Distribution Sheet (Y, N) N Turnkey (Y, N)      Evaluation (Y, N)     

Interval Tested 4993 - 5100' Initial Str Wt./Lbs. 76,000 Unseated Str Wt./Lbs. 77,000  
 Anchor Length 107' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 84,000  
 Top Packer Depth 4988' Tool Weight 2100#  
 Bottom Packer Depth 4993' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓  
 Total Depth 5100' Wt. Pipe Run None Drill Collar Run 244'  
 Mud Wt. 9.3 LCM 0 Vis. 57 WL 8.8cc Drill Pipe Size 4 1/2" X.H. Ft. Run 4743  
 Blow Description IF: Fair to strong blow. B.O.B. in 11 mins.  
ISI: No blow.  
FF: Weak to fair blow. blow increase to 7". FSI: No blow.

Recovery — Total Feet 140 GIP 170 Ft. in DC 140 Ft. in DP 0  
 Rec. 140 Feet Of Only Mud %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.      Feet Of      %gas %oil %water %mud  
 BHT 118 °F Gravity N/A °API D@ ~ °F Corrected Gravity N/A °API  
 RW N.C. @ ~ °F Chlorides 5,000 ppm Recovery Chlorides 5,000 ppm System

|                                  | AK-1 | Alpine      | PSI | Recorder No. | T-On Location |
|----------------------------------|------|-------------|-----|--------------|---------------|
| (A) Initial Hydrostatic Mud      |      | <u>2482</u> |     | <u>2342</u>  | <u>1700</u>   |
| (B) First Initial Flow Pressure  |      | <u>47</u>   |     | <u>4994'</u> | <u>1803</u>   |
| (C) First Final Flow Pressure    |      | <u>75</u>   |     | <u>13222</u> | <u>2047</u>   |
| (D) Initial Shut-In Pressure     |      | <u>1042</u> |     | <u>5095'</u> | <u>2317</u>   |
| (E) Second Initial Flow Pressure |      | <u>78</u>   |     | <u>    </u>  | <u>0201</u>   |
| (F) Second Final Flow Pressure   |      | <u>101</u>  |     | <u>    </u>  | <u>0335</u>   |
| (G) Final Shut-in Pressure       |      | <u>944</u>  |     | <u>30</u>    | <u>900</u>    |
| (Q) Final Hydrostatic Mud        |      | <u>2452</u> |     | <u>45</u>    | <u>200</u>    |
|                                  |      |             |     | <u>30</u>    | <u>50</u>     |
|                                  |      |             |     | <u>45</u>    |               |

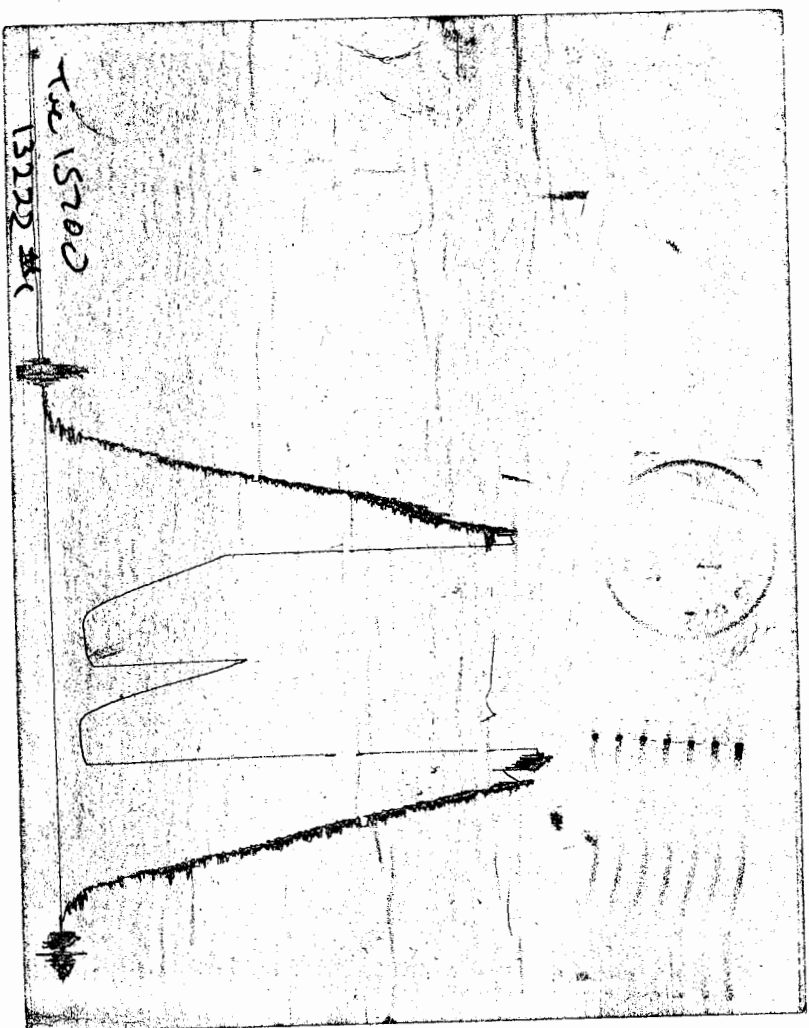
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

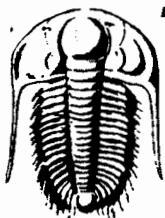
Approved By Kevin Davis  
 Our Representative Cary Pustians

Extra Packer       
 Elec. Rec. ✓ 150  
 Mileage ✓ 65  
 Other       
 TOTAL PRICE \$ ✓ 1365

# CHART PAGE

This is a photocopy of the actual AK-1 recorder chart





# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 16351

## Test Ticket

Well Name & No. Herd #4 Test No. 2 Date 8-18-2002  
 Company Thoroughbred Assoc Zone Tested Viola  
 Address Wichita Ks. 67228 Elevation 2022 KB 2017 GL  
 Co. Rep / Geo. Rob Patton Cont. Pickrell Drilling #1 Est. Ft. of Pay      Por.      %  
 Location: Sec. 15 Twp. 32 S Rge. 19 W Co. Comanche State Ks.  
 No. of Copies 5 Distribution Sheet (Y, N) N Turnkey (Y, N)      Evaluation (Y, N)     

Interval Tested 5800 - 5840' Initial Str Wt./Lbs. 81,000 Unseated Str Wt./Lbs. 95,000  
 Anchor Length 40' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 110,000  
 Top Packer Depth 5795' Tool Weight 2100#  
 Bottom Packer Depth 5800' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓  
 Total Depth 5840' Wt. Pipe Run None Drill Collar Run 244  
 Mud Wt. 9.3 LCM 5# Vis. 52 WL 9.6 cc. Drill Pipe Size 4 1/2" x 4. Ft. Run 5551'  
 Blow Description IF: Strong blow. GTS in 5 mins. (see gas volume report)  
ISI: Strong blow. (venting throughout)  
FF: Strong blow. TSTM on 1 1/2" choke. FSI: Strong blow. (venting throughout)

Recovery — Total Feet 5750 GIP yes Ft. in DC 244' Ft. in DP 5506'  
 Rec. 5630 Feet Of clean gray oil 27% gas 23% oil %water %mud  
 Rec. 120 Feet Of HOCM %gas 25% oil %water 25% mud  
 Rec.      Feet Of      %gas %oil %water %mud  
 Rec.      Feet Of      %gas %oil %water %mud  
 Rec.      Feet Of      %gas %oil %water %mud  
 BHT 137 °F Gravity 42 °API D@ 84 °F Corrected Gravity 40 °API  
 RW N.C. @      °F Chlorides 4,000 ppm Recovery Chlorides 4,000 ppm System

|                                  | AK-1 | Alpine | Recorder No.             | T-On Location                             |
|----------------------------------|------|--------|--------------------------|-------------------------------------------|
| (A) Initial Hydrostatic Mud      | 2957 | 2957   | 2342                     | 2250                                      |
| (B) First Initial Flow Pressure  | 747  | 747    | (depth) 5801'            | T-Started 2352                            |
| (C) First Final Flow Pressure    | 1162 | 1162   | Recorder No. 13222       | T-Open 0236                               |
| (D) Initial Shut-In Pressure     | 1216 | 1216   | (depth) 5835'            | T-Pulled 0634                             |
| (E) Second Initial Flow Pressure | 1181 | 1181   | Recorder No. <u>    </u> | T-Out 1215                                |
| (F) Second Final Flow Pressure   | 1208 | 1208   | (depth) <u>    </u>      | T-Off Location 1345                       |
| (G) Final Shut-in Pressure       | 1236 | 1236   | Initial Opening 60       | Test <u>✓</u> 900 <sup>00</sup> 900       |
| (Q) Final Hydrostatic Mud        | 2740 | 2740   | Initial Shut-in 60       | Jars <u>✓</u> 200 <sup>00</sup> 200       |
|                                  |      |        | Final Flow 30            | Safety Joint <u>✓</u> 50 <sup>00</sup> 50 |
|                                  |      |        | Final Shut-in 90         | Straddle <u>    </u>                      |
|                                  |      |        | <u>    </u>              | Circ. Sub <u>✓</u> 35 <sup>00</sup> 35    |
|                                  |      |        | <u>    </u>              | Sampler <u>    </u>                       |

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Approved By     

Our Representative Gary P. Pritchard

Extra Packer       
 Elec. Rec. ✓ 150 <sup>00</sup> 150  
 Mileage ✓ 65 <sup>00</sup> 65  
 Other 34 <sup>00</sup> 34  
 TOTAL PRICE \$ ✓ 1490 <sup>00</sup> 1490

**CHART PAGE**  
This is a photocopy of the actual AK-1 recorder chart

