

15-007-23069

36-32s-11w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **R & B Oil & Gas**

PO Box 193
Attica Ks 67809

ATTN: Tim Pierce

36 32S 11W Barber KS

Hunter-Gramley "A" #1

Start Date: 2006.10.31 @ 15:17:42

End Date: 2006.10.31 @ 23:12:32

Job Ticket #: 26811 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

R & B Oil & Gas

PO Box 193
Attica Ks 67809

ATTN: Tim Pierce

Hunter-Gramley "A" #1

36 32S 11W Barber KS

Job Ticket: 26811

DST#: 1

Test Start: 2006.10.31 @ 15:17:42

GENERAL INFORMATION:

Formation: **Mississippi**

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

Time Tool Opened: 18:16:12

Time Test Ended: 23:12:32

Test Type: **Conventional Bottom Hole**

Tester: **Tyson Flax**

Unit No: **21**

Interval: **4521.00 ft (KB) To 4538.00 ft (KB) (TVD)**

Total Depth: **4538.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **1545.00 ft (KB)**

1537.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: 8289 **Inside**

Press@RunDepth: **26.05 psig @ 4525.00 ft (KB)**

Start Date: **2006.10.31**

End Date:

2006.10.31

Start Time: **15:17:47**

End Time:

23:12:32

Capacity: **7000.00 psig**

Last Calib.: **2006.10.31**

Time On Btm: **2006.10.31 @ 18:16:02**

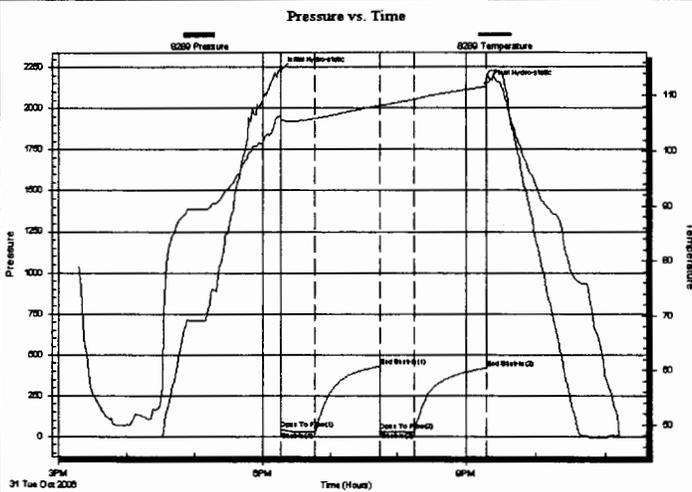
Time Off Btm: **2006.10.31 @ 21:17:32**

TEST COMMENT: **IFP Weak surface blow built to BOB in 14 min**

ISI No blow back

FFP BOB in 3 min

FSI No blow back



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2228.81 | 106.27 | Initial Hydro-static |
| 1 | 46.97 | 105.44 | Open To Flow (1) |
| 30 | 26.34 | 105.85 | Shut-In (1) |
| 89 | 427.76 | 108.24 | End Shut-In (1) |
| 89 | 33.42 | 108.24 | Open To Flow (2) |
| 120 | 26.05 | 109.37 | Shut-In (2) |
| 182 | 418.26 | 111.63 | End Shut-In (2) |
| 182 | 2147.06 | 112.67 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------|--------------|
| 25.00 | SWM 10%W 90%M | 0.34 |
| 0.00 | 275' GIP | 0.00 |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

R & B Oil & Gas

Hunter-Gramley "A" #1

PO Box 193
Attica Ks 67809

36 32S 11W Barber KS

Job Ticket: 26811

DST#: 1

ATTN: Tim Pierce

Test Start: 2006.10.31 @ 15:17:42

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4527.00 ft | Diameter: 3.72 inches | Volume: 60.86 bbl | Tool Weight: 2200.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 2.25 inches | Volume: 0.00 bbl | Weight set on Packer: 25000.00 lb |
| Drill Collar: | Length: 0.00 ft | Diameter: 2.25 inches | Volume: 0.00 bbl | Weight to Pull Loose: 65000.00 lb |
| | | | <u>Total Volume: 60.86 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 27.00 ft | | | String Weight: Initial 62000.00 lb |
| Depth to Top Packer: | 4521.00 ft | | | Final 62000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 17.00 ft | | | |
| Tool Length: | 38.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|-------------------------------|
| Change Over Sub | 1.00 | | | 4501.00 | |
| Shut In Tool | 5.00 | | | 4506.00 | |
| Hydraulic tool | 5.00 | | | 4511.00 | |
| Packer | 5.00 | | | 4516.00 | 21.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 4521.00 | |
| Stubb | 1.00 | | | 4522.00 | |
| Perforations | 3.00 | | | 4525.00 | |
| Recorder | 0.00 | 8289 | inside | 4525.00 | |
| Perforations | 10.00 | | | 4535.00 | |
| Recorder | 0.00 | 3351 | inside | 4535.00 | |
| Bullnose | 3.00 | | | 4538.00 | 17.00 Bottom Packers & Anchor |

Total Tool Length: 38.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

R & B Oil & Gas

Hunter-Gramley "A" #1

PO Box 193
Attica Ks 67809

36 32S 11W Barber KS

Job Ticket: 26811 **DST#: 1**

ATTN: Tim Pierce

Test Start: 2006.10.31 @ 15:17:42

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: 50.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 9.98 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 4000.00 ppm | | | |
| Filter Cake: inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|---------------|---------------|
| 25.00 | SWM 10%W 90%M | 0.336 |
| 0.00 | 275' GP | 0.000 |

Total Length: 25.00 ft Total Volume: 0.336 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8289

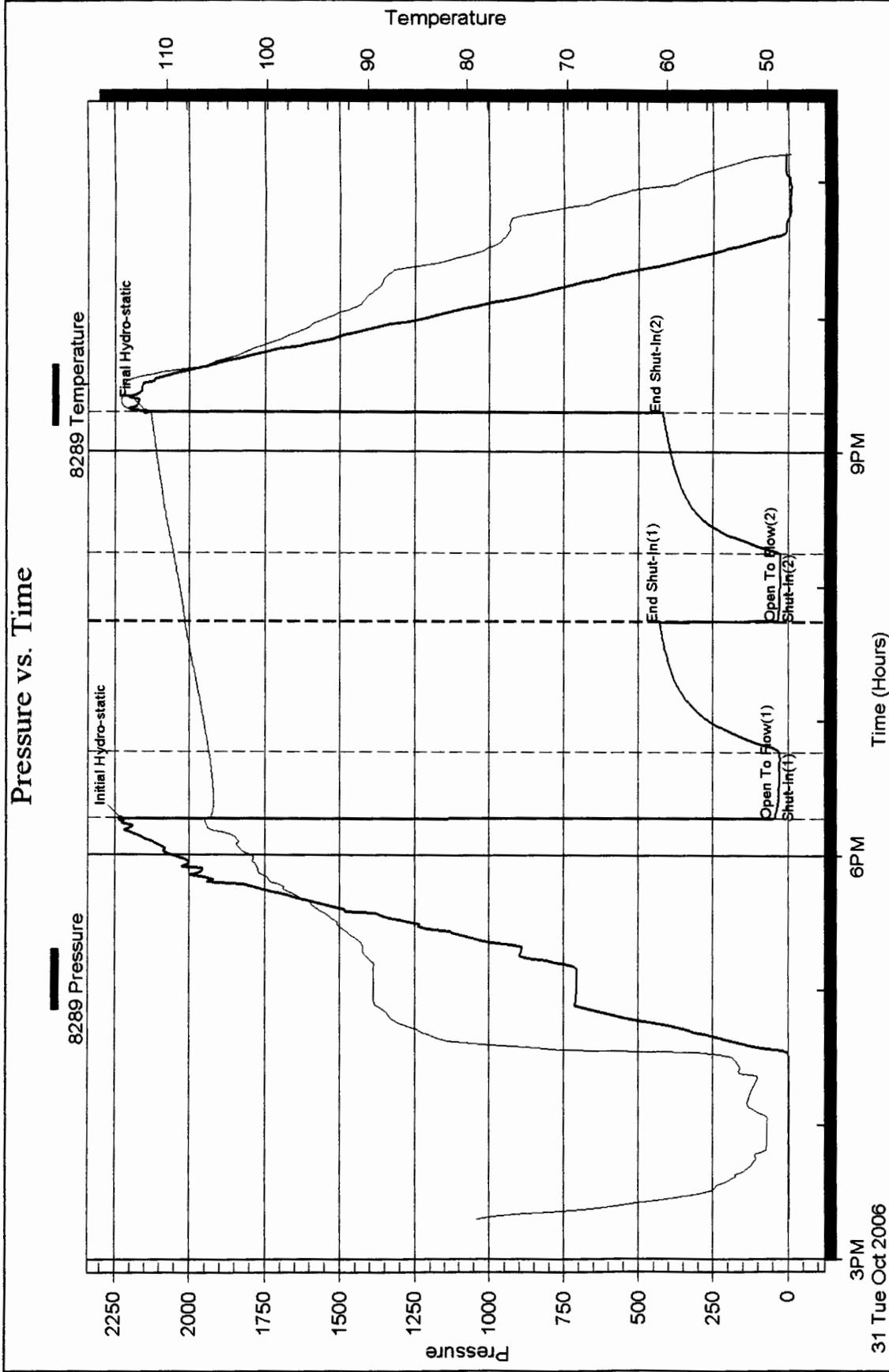
Inside

R & B Oil & Gas

36 32S 11W Barber KS

DST Test Number: 1

Pressure vs. Time



31 Tue Oct 2006

3PM

6PM

9PM



**TRILOBITE
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DRILL STEM TEST REPORT

Prepared For: **R & B Oil & Gas**

PO Box 193
Attica Ks 67809

ATTN: Tim Pierce

36 32S 11W Barber KS

Hunter-Gramley "A" #1

Start Date: 2006.10.31 @ 19:40:46

End Date: 2006.11.01 @ 03:37:25

Job Ticket #: 26812 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

R & B Oil & Gas

Hunter-Gramley "A" #1

36 32S 11W Barber KS

DST # 2

Cherokee Sand

2006.10.31



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

R & B Oil & Gas

Hunter-Gramley "A" #1

PO Box 193
Attica Ks 67809

36 32S 11W Barber KS

Job Ticket: 26812 **DST#: 2**

ATTN: Tim Pierce

Test Start: 2006.10.31 @ 19:40:46

GENERAL INFORMATION:

Formation: **Cherokee Sand**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:17:46
 Time Test Ended: 03:37:25

Test Type: Conventional Straddle
 Tester: Tyson Flax
 Unit No: 21

Interval: **4447.00 ft (KB) To 4542.00 ft (KB) (TVD)**
 Total Depth: 4700.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1545.00 ft (KB)
 1537.00 ft (CF)
 KB to GR/CF: 8.00 ft

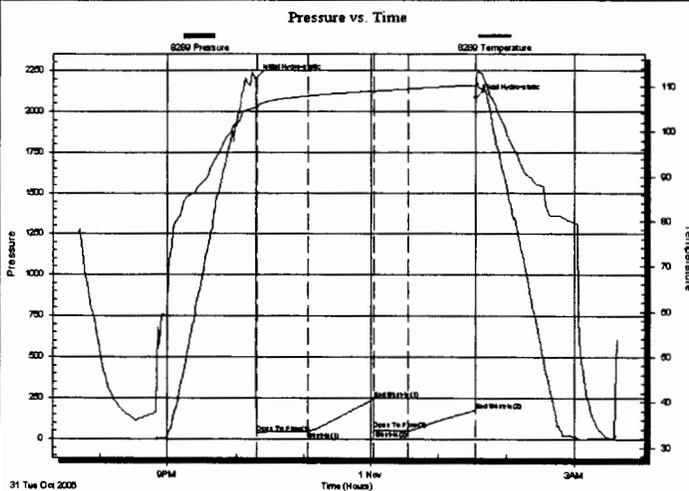
Serial #: 8289

Inside

Press@RunDepth: 52.38 psig @ 4461.00 ft (KB)
 Start Date: 2006.10.31 End Date: 2006.11.01
 Start Time: 19:40:51 End Time: 03:37:25

Capacity: 7000.00 psig
 Last Calib.: 2006.11.02
 Time On Btm: 2006.10.31 @ 22:16:46
 Time Off Btm: 2006.11.01 @ 01:32:45

TEST COMMENT: IFP BOB in 4 min
 ISI No blow back
 FFP Weak blow built to 7"
 FSI No blow back



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2203.01 | 105.30 | Initial Hydro-static |
| 1 | 37.08 | 105.07 | Open To Flow (1) |
| 47 | 48.02 | 107.93 | Shut-In (1) |
| 106 | 241.24 | 109.00 | End Shut-In (1) |
| 106 | 58.34 | 108.97 | Open To Flow (2) |
| 137 | 52.38 | 109.49 | Shut-In (2) |
| 196 | 175.25 | 110.28 | End Shut-In (2) |
| 196 | 2082.76 | 111.56 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volumes (bbl) |
|-------------|-------------|---------------|
| 63.00 | MJD | 0.85 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

R & B Oil & Gas

Hunter-Gramley "A" #1

PO Box 193
Attica Ks 67809

36 32S 11W Barber KS

Job Ticket: 26812

DST#:2

ATTN: Tim Pierce

Test Start: 2006.10.31 @ 19:40:46

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4438.00 ft | Diameter: 3.72 inches | Volume: 59.66 bbl | Tool Weight: 2200.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 2.25 inches | Volume: 0.00 bbl | Weight set on Packer: 25000.00 lb |
| Drill Collar: | Length: 0.00 ft | Diameter: 2.25 inches | Volume: 0.00 bbl | Weight to Pull Loose: 80000.00 lb |
| | | | <u>Total Volume: 59.66 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 11.00 ft | | | String Weight: Initial 64000.00 lb |
| Depth to Top Packer: | 4447.00 ft | | | Final 64000.00 lb |
| Depth to Bottom Packer: | 4542.00 ft | | | |
| Interval between Packers: | 95.00 ft | | | |
| Tool Length: | 278.00 ft | | | |
| Number of Packers: | 3 | Diameter: 6.75 inches | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|---------------------------|---------------|------------|----------|------------|--------------------------------|
| Change Over Sub | 1.00 | | | 4428.00 | |
| Shut In Tool | 5.00 | | | 4433.00 | |
| Hydraulic tool | 5.00 | | | 4438.00 | |
| Packer | 5.00 | | | 4443.00 | 20.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4447.00 | |
| Stubb | 1.00 | | | 4448.00 | |
| Perforations | 12.00 | | | 4460.00 | |
| Change Over Sub | 1.00 | | | 4461.00 | |
| Recorder | 0.00 | 8289 | Inside | 4461.00 | |
| Blank Spacing | 62.00 | | | 4523.00 | |
| Change Over Sub | 1.00 | | | 4524.00 | |
| Perforations | 15.00 | | | 4539.00 | |
| Recorder | 0.00 | 24174 | Inside | 4539.00 | |
| Blank Off Sub | 1.00 | | | 4540.00 | |
| Stubb | 2.00 | | | 4542.00 | 95.00 Tool Interval |
| Packer | 2.00 | | | 4544.00 | |
| Stubb | 1.00 | | | 4545.00 | |
| Change Over Sub | 1.00 | | | 4546.00 | |
| Blank Spacing | 155.00 | | | 4701.00 | |
| Change Over Sub | 1.00 | | | 4702.00 | |
| Recorder | 0.00 | 3351 | Outside | 4702.00 | |
| Bullnose | 3.00 | | | 4705.00 | 163.00 Bottom Packers & Anchor |
| Total Tool Length: | 278.00 | | | | |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

R & B Oil & Gas

Hunter-Gramley "A" #1

PO Box 193
Attica Ks 67809

36 32S 11W Barber KS

Job Ticket: 26812 **DST#: 2**

ATTN: Tim Pierce

Test Start: 2006.10.31 @ 19:40:46

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: 44.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 12.99 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 6000.00 ppm | | | |
| Filter Cake: inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 63.00 | MUD | 0.847 |

Total Length: 63.00 ft Total Volume: 0.847 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

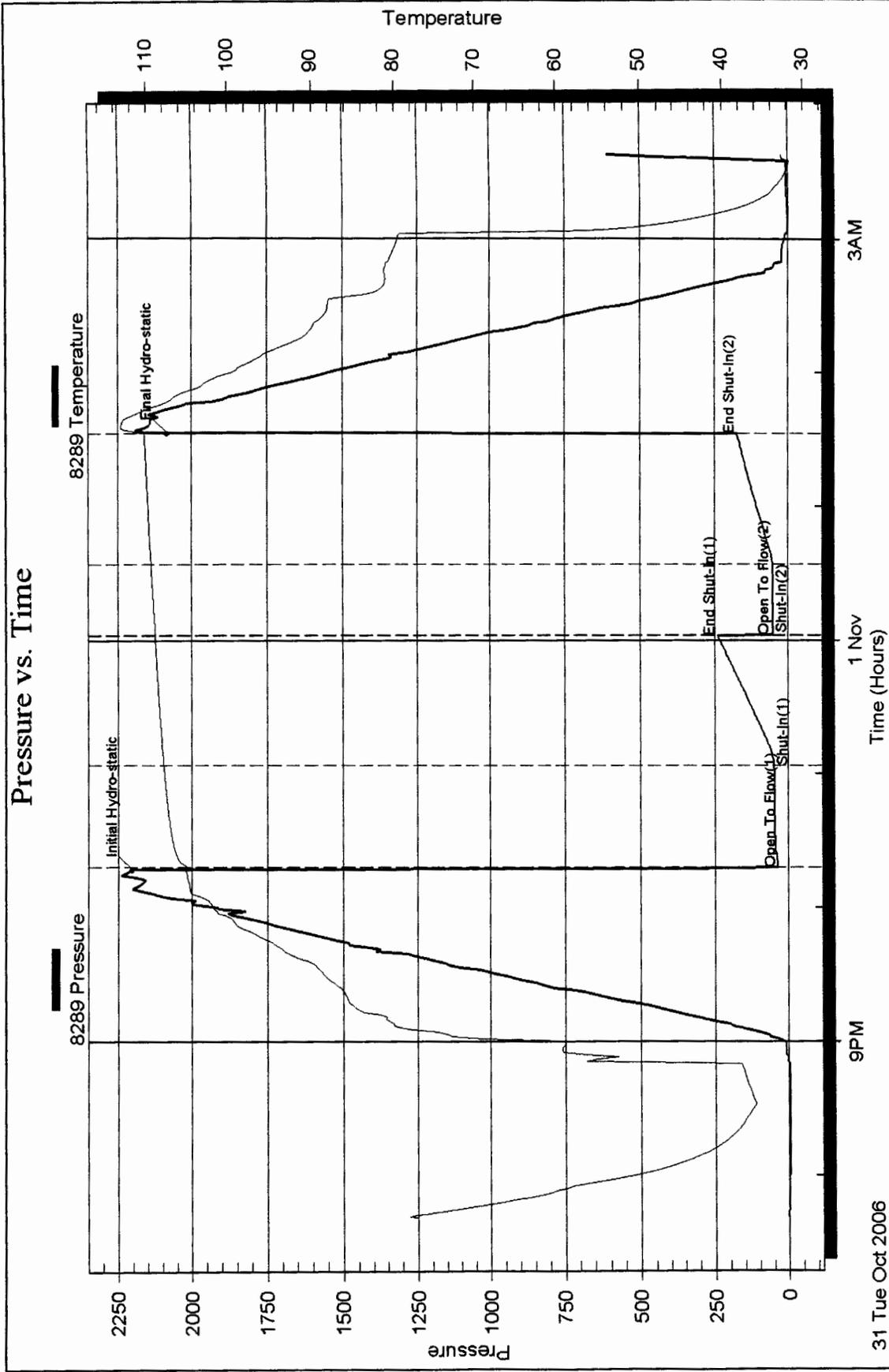
Serial #: 8289

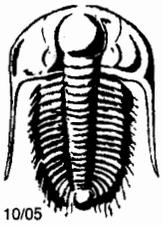
Inside

R & B Oil & Gas

36 32S 11W Barber KS

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26811

9456

Test Ticket

Well Name & No. Hunter-Graham "A" #1 Test No. 1 Date 10/31/06
 Company R+B Oil & Gas Zone Tested Mississippi
 Address P.O. Box 193 Attica, KS 67809 Elevation 1545 KB 1537 GL
 Co. Rep / Geo. Tim Pierce Rig Duke Drilling #2
 Location: Sec. 36 Twp. 32^s Rge. 11^w Co. Barber State KS
 Comment: _____ Release date / time: _____

Interval Tested 4521 - 4538 Initial Str Wt./Lbs. 62000 Unseated Str Wt./Lbs. 62000
 Anchor Length 17' Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 65000
 Top Packer Depth 4516 Tool Weight 2200
 Bottom Packer Depth 4521 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4538 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9.3 LCM _____ Vis. 50 WL 10. Drill Pipe Size 4 1/2 XH Ft. Run 4527
 Blow Description IEP - weak surface blow built to BOB in 14 min
ISI - no blow back
FFP - BOB in 3 min
FSI - no blow back

Recovery - Total Feet 25 GIP 275 Ft. in DC _____ Ft. in DP 25
 Rec. 25 Feet of swm %gas _____ %oil _____ %water 10% %mud 90
 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 112 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 4000 ppm System

| | AK-1 | Alpine | Recorder No. | Test X |
|----------------------------------|------|--------|----------------------------------|-------------------------------|
| (A) Initial Hydrostatic Mud | 2222 | PSI | <u>8289</u> | <u>1200</u> |
| (B) First Initial Flow Pressure | 47 | PSI | (depth) <u>4525</u> | Jars _____ |
| (C) First Final Flow Pressure | 26 | PSI | Recorder No. <u>3351</u> | Safety Jt. _____ |
| (D) Initial Shut-In Pressure | 428 | PSI | (depth) <u>4535</u> | Circ Sub _____ |
| (E) Second Initial Flow Pressure | 33 | PSI | Recorder No. _____ | Sampler _____ |
| (F) Second Final Flow Pressure | 26 | PSI | (depth) _____ | Straddle _____ |
| (G) Final Shut-In Pressure | 418 | PSI | Initial Opening <u>30</u> | Ext. Packer _____ |
| (Q) Final Hydrostatic Mud | 2156 | PSI | Initial Shut-In <u>60</u> | Shale Packer _____ |
| | | | Final Flow <u>30</u> | Ruined Packer _____ |
| | | | Final Shut-In <u>60</u> | Mileage <u>284</u> <u>105</u> |

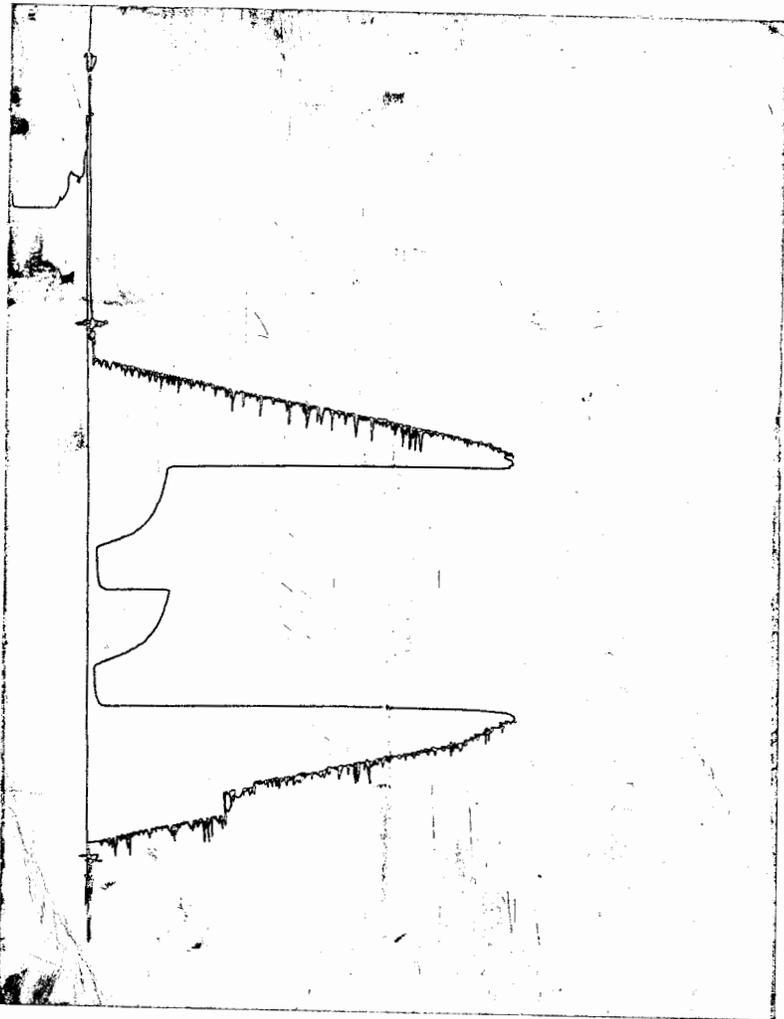
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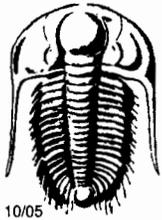
Approved By Tim Pierce
 Our Representative Ry Jhp

T-On Location 15:15 Sub Total: _____
 T-Started 15:17 Std. By: _____
 T-Open 18:14 Acc. Chg: \$1305
 T-Pulled 21:14 Other: _____
 T-Out 23:12 Total: _____

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26812

Test Ticket

Well Name & No. Hunter - Gramsby "A" #1 Test No. 2 Date 11/10/6
 Company R+B Oil & Gas Zone Tested Cherokee Sand
 Address P.O. Box 193 Attica, KS 67 Elevation 1545 KB 1537 GL
 Co. Rep / Geo. Tim Pierce Rig Duke Drilling #2
 Location: Sec. 36 Twp. 32^s Rge. 11^w Co. Barber State KS
 Comment: _____ Release date / time: _____

Interval Tested 4447 - 4542 Initial Str Wt./Lbs. 64000 Unseated Str Wt./Lbs. 64000
 Anchor Length 95' Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 80000
 Top Packer Depth 4442 Tool Weight 2200
 Bottom Packer Depth 4447 Hole Size 7 7/8" _____ Rubber Size 6 3/4" _____
 Total Depth 4700 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9.3 LCM _____ Vis. 44 WL 13 Drill Pipe Size 4 1/2 x H Ft. Run 4438

Blow Description IFP - BOB in 4min
FBI - no blow back
FFP - weak blow built to
FBI - no blow back

| Recovery - Total Feet | GIP | Ft. in DC | Ft. in DP |
|-----------------------|---------------------|----------------|----------------------------------|
| <u>63</u> | <u>180</u> | | <u>63</u> |
| Rec. <u>63</u> | Feet of <u>Mud</u> | %gas | %oil |
| Rec. _____ | Feet of _____ | %gas | %oil |
| Rec. _____ | Feet of _____ | %gas | %oil |
| Rec. _____ | Feet of _____ | %gas | %oil |
| Rec. _____ | Feet of _____ | %gas | %oil |
| BHT <u>110</u> | *F Gravity _____ | *API D @ _____ | *F Corrected Gravity _____ |
| RW _____ @ _____ *F | Chlorides _____ ppm | Recovery _____ | Chlorides <u>6000</u> ppm System |

| | AK-1 | Alpine | Recorder No. | Test x |
|----------------------------------|-------------|--------|---------------------------|------------------------------|
| (A) Initial Hydrostatic Mud | <u>2204</u> | PSI | <u>8289</u> | <u>1200</u> |
| (B) First Initial Flow Pressure | <u>37</u> | PSI | (depth) <u>4461</u> | Jars _____ |
| (C) First Final Flow Pressure | <u>48</u> | PSI | Recorder No. <u>24174</u> | Safety Jt. _____ |
| (D) Initial Shut-In Pressure | <u>241</u> | PSI | (depth) <u>4539</u> | Circ Sub _____ |
| (E) Second Initial Flow Pressure | <u>58</u> | PSI | Recorder No. <u>3351</u> | Sampler _____ |
| (F) Second Final Flow Pressure | <u>52</u> | PSI | (depth) <u>4697</u> | Straddle <u>x</u> <u>600</u> |
| (G) Final Shut-In Pressure | <u>175</u> | PSI | Initial Opening <u>45</u> | Ext. Packer _____ |
| (Q) Final Hydrostatic Mud | <u>2187</u> | PSI | Initial Shut-In <u>60</u> | Shale Packer _____ |

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Approved By Tim Pierce
 Our Representative [Signature]

| | | | |
|---------------|--------------|-----------------------------|---------------|
| Final Flow | <u>30</u> | Ruined Packer | _____ |
| Final Shut-In | <u>60</u> | Mileage <u>x</u> <u>105</u> | |
| T-On Location | <u>19:01</u> | Sub Total: | _____ |
| T-Started | <u>19:40</u> | Std. By | <u>\$1905</u> |
| T-Open | <u>22:18</u> | Acc. Chg: | _____ |
| T-Pulled | <u>01:33</u> | Other: | _____ |
| T-Out | <u>03:37</u> | Total: | _____ |

CHART PAGE

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

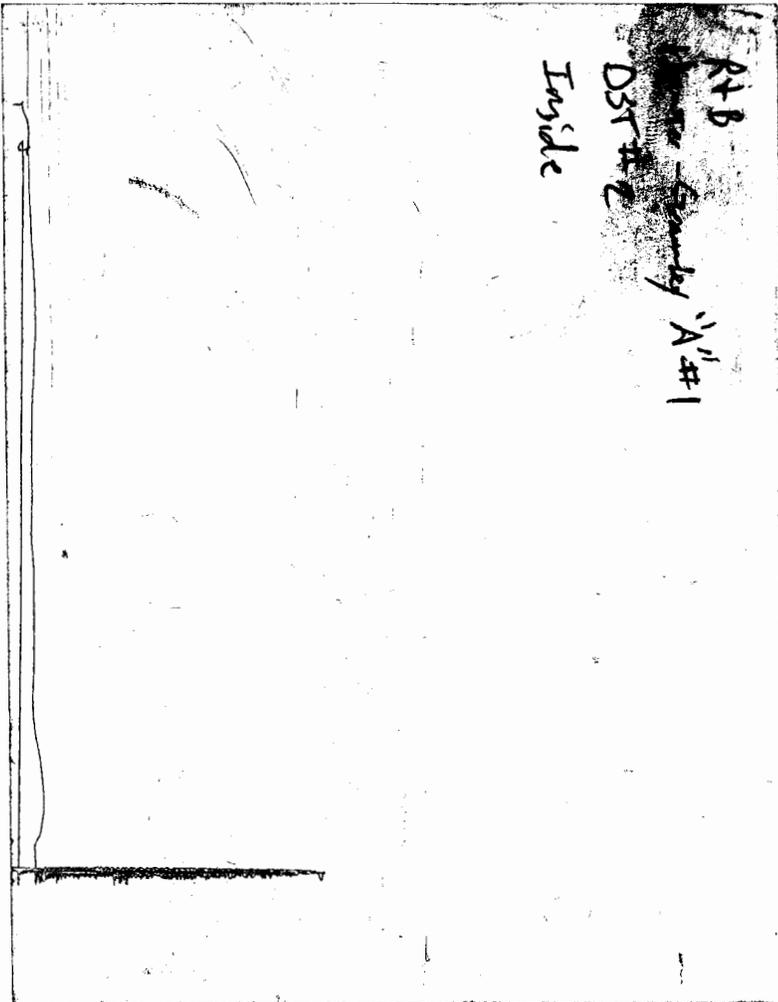


CHART PAGE

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