



DRILL STEM TEST REPORT

Prepared For: **Great Eastern Energy & Devel Corp**

PO Box 24
Hill City KS 67642

ATTN: Bill Robinson

28 06 21 Graham KS

Goff #1

Start Date: 2006.05.21 @ 04:33:10

End Date: 2006.05.21 @ 10:01:55

Job Ticket #: 22768 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Great Eastern Energy & Devel Corp

Goff #1

28 06 21 Graham KS

DST # 1

Top.

2006.05.21



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Great Eastern Energy & Devel Corp

Goff #1

PO Box 24
Hill City KS 67642

28 06 21 Graham KS

Job Ticket: 22768 **DST#: 1**

ATTN: Bill Robinson

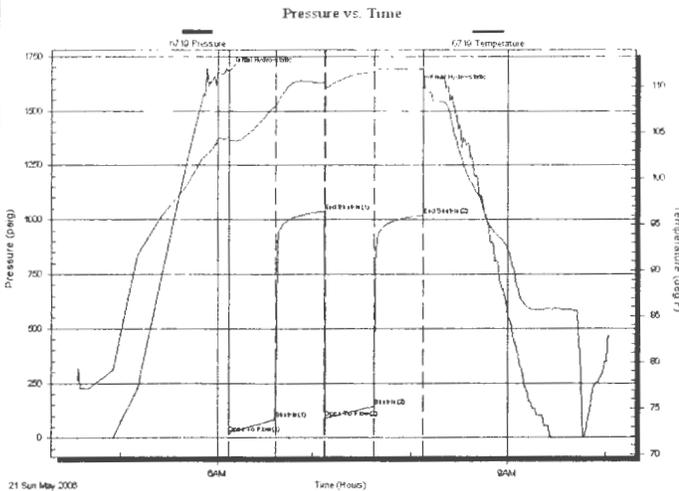
Test Start: 2006.05.21 @ 04:33:10

GENERAL INFORMATION:

Formation: **Top.**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 06:07:25
 Time Test Ended: 10:01:55
 Interval: **3426.00 ft (KB) To 3460.00 ft (KB) (TVD)**
 Total Depth: **3460.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole**
 Tester: **Michael Armbrister**
 Unit No: **1**
 Reference Elevations: **2256.00 ft (KB)**
2251.00 ft (CF)
 KB to GR/CF: **5.00 ft**

Serial #: 6719 **Inside**
 Press@RunDepth: **143.22 psig @ 3428.00 ft (KB)** Capacity: **7000.00 psig**
 Start Date: **2006.05.21** End Date: **2006.05.21** Last Calib.: **2006.05.21**
 Start Time: **04:33:12** End Time: **10:01:55** Time On Btm: **2006.05.21 @ 06:07:10**
 Time Off Btm: **2006.05.21 @ 08:07:55**

TEST COMMENT: IF B of B 24"
 ISI No Blow
 FF B of B 29"



PRESSURE SUMMARY

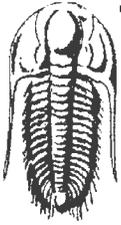
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1684.70 | 104.47 | Initial Hydro-static |
| 1 | 17.32 | 104.16 | Open To Flow (1) |
| 30 | 83.63 | 107.88 | Shut-In(1) |
| 60 | 1037.77 | 110.41 | End Shut-In(1) |
| 61 | 87.52 | 110.09 | Open To Flow (2) |
| 91 | 143.22 | 111.59 | Shut-In(2) |
| 121 | 1020.80 | 111.87 | End Shut-In(2) |
| 121 | 1605.92 | 112.04 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 20.00 | DM | 0.10 |
| 310.00 | SW | 4.26 |
| | | |
| | | |

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Great Eastern Energy & Devel Corp

Goff #1

PO Box 24
Hill City KS 67642

28 06 21 Graham KS

Job Ticket: 22768

DST#: 1

ATTN: Bill Robinson

Test Start: 2006.05.21 @ 04:33:10

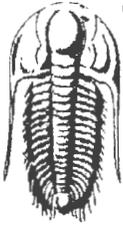
Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3390.00 ft | Diameter: 3.80 inches | Volume: 47.55 bbl | Tool Weight: 2000.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 2.25 inches | Volume: 0.00 bbl | Weight set on Packer: 20000.00 lb |
| Drill Collar: | Length: 30.00 ft | Diameter: 2.25 inches | Volume: 0.15 bbl | Weight to Pull Loose: 40000.00 lb |
| | | | <u>Total Volume: 47.70 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 15.00 ft | | | String Weight: Initial 37000.00 lb |
| Depth to Top Packer: | 3426.00 ft | | | Final 37000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 34.00 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 |
|------------------|-------------|------------|----------|------------|-------------------------------|
| Change Over Sub | 1.00 | | | 3406.00 | |
| Shut In Tool | 5.00 | | | 3411.00 | |
| Hydraulic tool | 5.00 | | | 3416.00 | |
| Packer | 5.00 | | | 3421.00 | 21.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3426.00 | |
| Stubb | 1.00 | | | 3427.00 | |
| Perforations | 1.00 | | | 3428.00 | |
| Recorder | 0.00 | 6719 | Inside | 3428.00 | |
| Perforations | 29.00 | | | 3457.00 | |
| Recorder | 0.00 | 13221 | Outside | 3457.00 | |
| Bullnose | 3.00 | | | 3460.00 | 34.00 Bottom Packers & Anchor |

Total Tool Length: 55.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Great Eastern Energy & Devel Corp

Goff #1

PO Box 24
Hill City KS 67642

28 06 21 Graham KS

Job Ticket: 22768

DST#: 1

ATTN: Bill Robinson

Test Start: 2006.05.21 @ 04:33:10

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: sec/qt

Cushion Volume:

bbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 20.00 | DM | 0.098 |
| 310.00 | SW | 4.257 |

Total Length: 330.00 ft

Total Volume: 4.355 bbl

Num Fluid Samples: 0

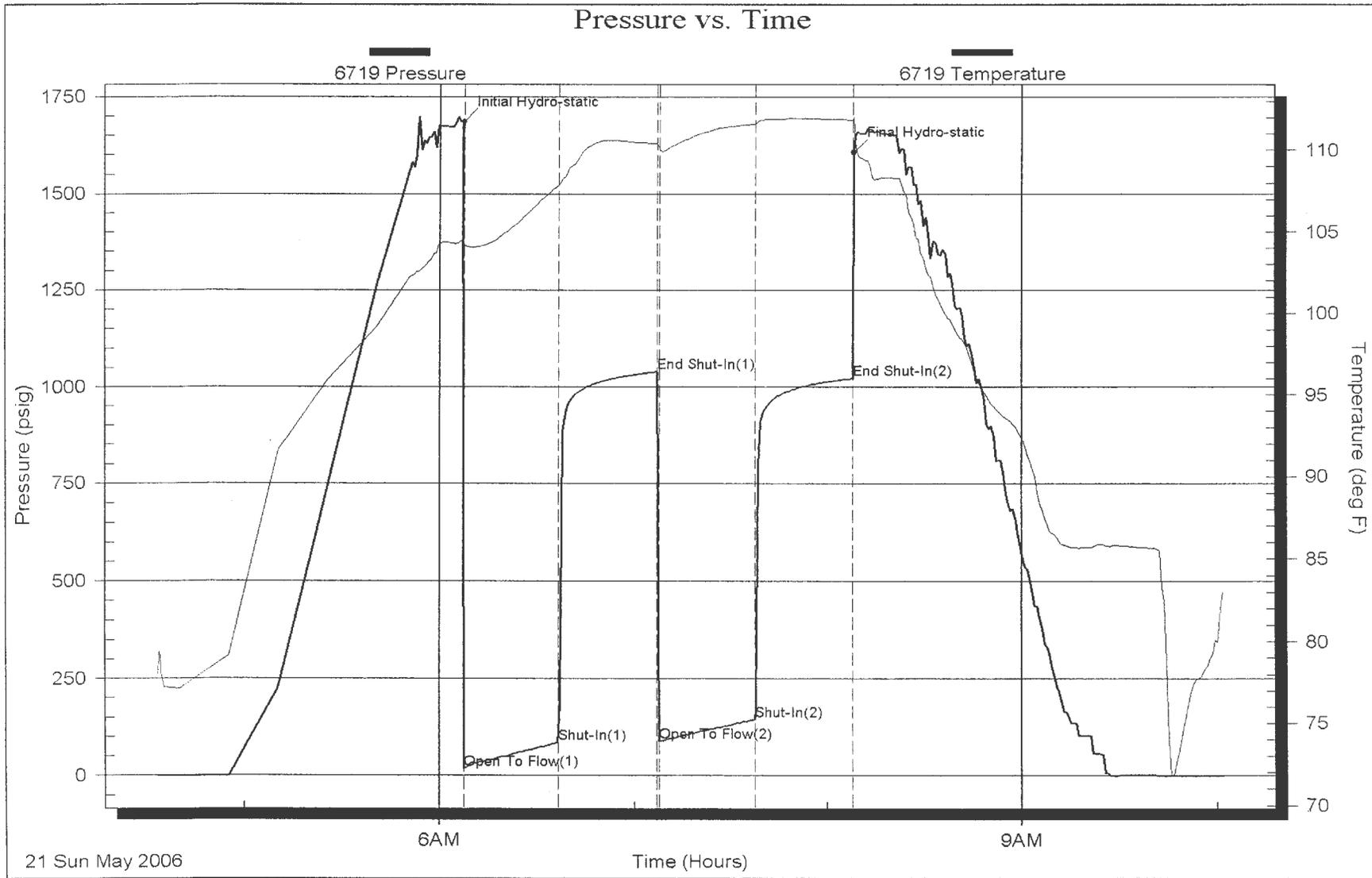
Num Gas Bombs: 0

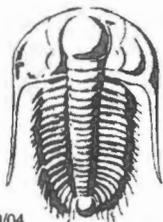
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

8788

No 22768

9/04

Test Ticket

Well Name & No. Goff #2 Test No. 1 Date 5-21-06
 Company Great Eastern Zone Tested Top
 Address PO Box 24 H.11C, ty KS Elevation 2256 KB 2257 GL
 Co. Rep / Geo. Bill Robinson Cont. American Eagle 3 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 28 Twp. 06 Rge. 21 Co. Graham State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3426-3460 Initial Str Wt./Lbs. 37,000 Unseated Str Wt./Lbs. 32,000
 Anchor Length 34 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 49,000
 Top Packer Depth 3421 Tool Weight 2,000
 Bottom Packer Depth 3426 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3460 Wt. Pipe Run _____ Drill Collar Run 30
 Mud Wt. _____ LCM _____ Vis. _____ WL _____ Drill Pipe Size 4 1/2 Ft. Run 3390
 Blow Description IF - BofB 24m
ISI - No Blow
FF - BofB 29m
FST - No Blow

| Recovery - Total Feet | GIP | Ft. in DC | Ft. in DP | %gas | %oil | %water | %mud |
|-----------------------|-----|-----------|-----------|------|------|--------|------|
| 20 | | | | | | | |
| 310 | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

BHT 112 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides _____ ppm System

| | AK-1 | Alpine | Recorder No. | Test |
|----------------------------------|------|-----------------|--------------|--------------------|
| (A) Initial Hydrostatic Mud | | <u>1685</u> PSI | <u>6719</u> | <u>1000</u> |
| (B) First Initial Flow Pressure | | <u>17</u> PSI | <u>3429</u> | Jars _____ |
| (C) First Final Flow Pressure | | <u>84</u> PSI | <u>1322</u> | Safety Jt. _____ |
| (D) Initial Shut-In Pressure | | <u>1038</u> PSI | <u>3459</u> | Circ Sub _____ |
| (E) Second Initial Flow Pressure | | <u>88</u> PSI | | Sampler _____ |
| (F) Second Final Flow Pressure | | <u>143</u> PSI | | Straddle _____ |
| (G) Final Shut-In Pressure | | <u>1021</u> PSI | <u>30</u> | Ext. Packer _____ |
| (Q) Final Hydrostatic Mud | | <u>1648</u> PSI | <u>30</u> | Shale Packer _____ |

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.

Initial Opening 30 Recorder No. _____
 Initial Shut-In 30 Recorder No. _____
 Final Flow 30 Recorder No. _____
 Final Shut-In 30 Recorder No. _____
 T-On Location 4:00 Recorder No. _____
 T-Started _____ Recorder No. _____
 T-Open 6:15 Recorder No. _____
 T-Pulled 8:15 Recorder No. _____
 T-Out 10:00 Recorder No. _____

Mileage 6.4 x 2 = 12.8 Total: 91160
 Sub Total: _____
 Std. By: _____
 Other: _____
 Total: _____

Approved By _____
 Our Representative Michael Amberster

CHART PAGE

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

