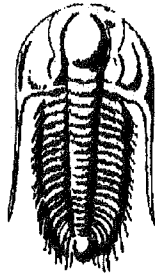


15-051-25728

10-11s-19w

Shed



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Berexco Inc**

PO Box 20380  
Wichita KS 67208

ATTN: Bruce Meyer

<sup>10</sup>  
~~21~~ **11S 19W Ellis KS**

**Albert # 8**

Start Date: 2008.02.19 @ 22:37:05

End Date: 2008.02.20 @ 08:36:05

Job Ticket #: 30775

DST #: 1

**CONFIDENTIAL**  
**APR 15 2008**  
**KCC**

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



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

## DRILL STEM TEST REPORT

Berexco Inc

PO Box 20380  
Wichita KS 67208

ATTN: Bruce Meyer

**Albert # 8**

**21 11S 19W Ellis KS**

Job Ticket: 30775

**DST#: 1**

Test Start: 2008.02.19 @ 22:37:05

### GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:21:35

Time Test Ended: 08:36:05

Test Type: Conventional Bottom Hole

Tester: John Schmidt

Unit No: 31

Interval: **3420.00 ft (KB) To 3513.00 ft (KB) (TVD)**

Total Depth: 3513.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2021.00 ft (KB)

2011.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 8369**

**Inside**

Press@RunDepth: 549.27 psig @ 3423.00 ft (KB)

Start Date: 2008.02.19

End Date:

2008.02.20

Start Time: 22:37:10

End Time:

08:36:05

Capacity: 7000.00 psig

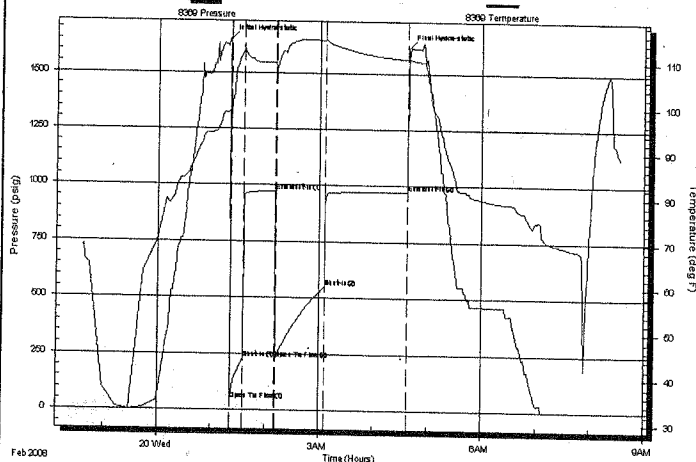
Last Calib.: 2008.02.20

Time On Btm: 2008.02.20 @ 01:21:05

Time Off Btm: 2008.02.20 @ 04:39:05

TEST COMMENT: IF-Strong B.O.B.in 2 min.  
ISI-Dead  
FF-Strong B.O.B.in 3 min.  
FSI-Dead

Pressure vs. Time



### PRESSURE SUMMARY

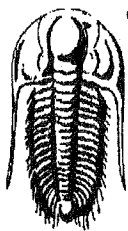
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1646.85         | 98.96        | Initial Hydro-static |
| 1           | 42.26           | 98.60        | Open To Flow (1)     |
| 14          | 228.06          | 112.37       | Shut-In(1)           |
| 49          | 972.34          | 109.64       | End Shut-In(1)       |
| 50          | 226.86          | 108.90       | Open To Flow (2)     |
| 105         | 549.27          | 114.67       | Shut-In(2)           |
| 198         | 973.01          | 110.51       | End Shut-In(2)       |
| 198         | 1613.28         | 110.58       | Final Hydro-static   |

### Recovery

| Length (ft) | Description          | Volume (bbl) |
|-------------|----------------------|--------------|
| 224.00      | SOMCW-5%O-5%M-90%W   | 1.54         |
| 400.00      | SOMCW-5%O-10%M-85%W  | 4.33         |
| 300.00      | SOMCW-10%O-30%M-60%W | 3.25         |
| 240.00      | SOMCW-10%O-45%M-45%W | 2.60         |
|             |                      |              |
|             |                      |              |

### Gas Rates

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



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

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Berexco Inc

**Albert # 8**

PO Box 20380  
Wichita KS 67208

**21 11S 19W Ellis KS**

Job Ticket: 30775

**DST#: 1**

ATTN: Bruce Meyer

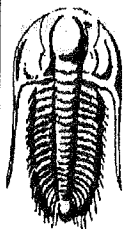
Test Start: 2008.02.19 @ 22:37:05

### Tool Information

|                           |                    |                       |                   |                        |             |
|---------------------------|--------------------|-----------------------|-------------------|------------------------|-------------|
| Drill Pipe:               | Length: 3275.00 ft | Diameter: 3.34 inches | Volume: 35.49 bbl | Tool Weight:           | 26000.00 lb |
| Heavy Wt. Pipe:           | Length: 0.00 ft    | Diameter: 2.70 inches | Volume: 0.00 bbl  | Weight set on Packer:  | 25000.00 lb |
| Drill Collar:             | Length: 150.00 ft  | Diameter: 2.25 inches | Volume: 0.74 bbl  | Weight to Pull Loose:  | 50000.00 lb |
|                           |                    | Total Volume:         | 36.23 bbl         | Tool Chased            | 0.00 ft     |
| Drill Pipe Above KB:      | 25.00 ft           |                       |                   | String Weight: Initial | 35000.00 lb |
| Depth to Top Packer:      | 3420.00 ft         |                       |                   | Final                  | 38000.00 lb |
| Depth to Bottom Packer:   | ft                 |                       |                   |                        |             |
| Interval between Packers: | 93.00 ft           |                       |                   |                        |             |
| Tool Length:              | 113.00 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        |            |          | 3401.00    |                               |
| Shut In Tool       | 5.00        |            |          | 3406.00    |                               |
| Hydraulic tool     | 5.00        |            |          | 3411.00    |                               |
| Packer             | 4.00        |            |          | 3415.00    | 20.00 Bottom Of Top Packer    |
| Packer             | 5.00        |            |          | 3420.00    |                               |
| Stubb              | 1.00        |            |          | 3421.00    |                               |
| Perforations       | 2.00        |            |          | 3423.00    |                               |
| Recorder           | 0.00        | 8369       | Inside   | 3423.00    |                               |
| Recorder           | 0.00        | 6669       | Outside  | 3423.00    |                               |
| Change Over Sub    | 1.00        |            |          | 3424.00    |                               |
| Blank Spacing      | 62.00       |            |          | 3486.00    |                               |
| Change Over Sub    | 1.00        |            |          | 3487.00    |                               |
| Perforations       | 23.00       |            |          | 3510.00    |                               |
| Bullnose           | 3.00        |            |          | 3513.00    | 93.00 Bottom Packers & Anchor |
| Total Tool Length: |             | 113.00     |          |            |                               |



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

## DRILL STEM TEST REPORT

### FLUID SUMMARY

Berexco Inc

**Albert # 8**

PO Box 20380  
Wichita KS 67208

**21 11S 19W Ellis KS**

Job Ticket: 30775

**DST#: 1**

ATTN: Bruce Meyer

Test Start: 2008.02.19 @ 22:37:05

### 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: 76.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

### Recovery Information

Recovery Table

| Length<br>ft | Description          | Volume<br>bbl |
|--------------|----------------------|---------------|
| 224.00       | SOMCW-5%O-5%M-90%W   | 1.540         |
| 400.00       | SOMCW-5%O-10%M-85%W  | 4.335         |
| 300.00       | SOMCW-10%O-30%M-60%W | 3.251         |
| 240.00       | SOMCW-10%O-45%M-45%W | 2.601         |

Total Length: 1164.00 ft

Total Volume: 11.727 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time

