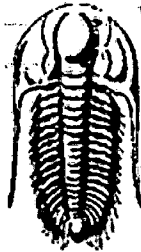


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KCC WICHITA



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **James B Read Operating, Inc.**

P.O. Box 638 Ardmore, OK 73402

ATTN: Rodney Gonzales

9/26/40

Schmidt 1-9

Start Date: 2010.02.22 @ 05:21:11

End Date: 2010.02.22 @ 18:03:29

Job Ticket #: 37513

DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

James B Read Operating, Inc.

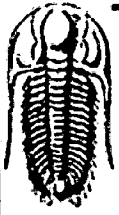
Schmidt 1-9

9/26/40

DST # 1

MORROW

2010.02.22



**TRILOBITE TESTING, INC**

**DRILL STEM TEST REPORT**

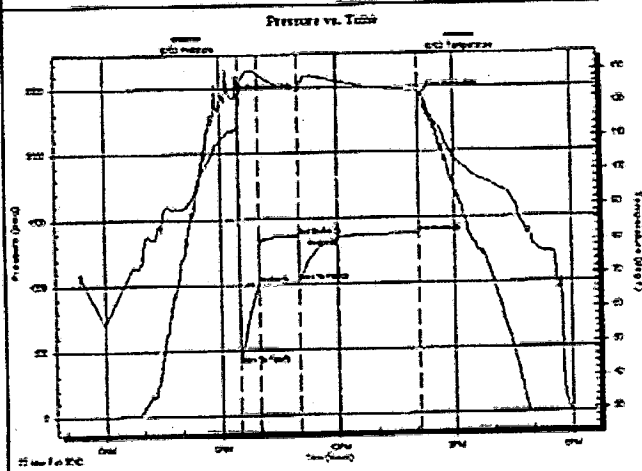
James B Read Operating, Inc.      Schmidt 1-9  
 P.O. Box 638 Ardmore, OK 73402      9/26/40  
 ATTN: Rodney Gonzales      Job Ticket: 37513      DST#: 1  
 Test Start: 2010.02.22 @ 05:21:11

**GENERAL INFORMATION:**

Formation: Morrow      Test Type: Conventional Bottom Hole  
 Deviated: No Whipstock:      ft (KB)      Tester: Chris Hagman  
 Time Tool Opened: 09:28:10      Unit No: 34  
 Time Test Ended: 18:03:29  
 Interval: 5120.00 ft (KB) To 5232.00 ft (KB) (TVD)      Reference Elevations: 3455.00 ft (KB)  
 Total Depth: 5232.00 ft (KB) (TVD)      3445.00 ft (CF)  
 Hole Diameter: 7.78 inches      Hole Condition: Good      KB to GRVCF: 10.00 ft

Serial #: 6753      Inside      Capacity: 8000.00 psig  
 Press@RunDepth: 1342.82 psig @ 5122.00 ft (KB)      Last Calib.: 2010.02.22  
 Start Date: 2010.02.22      End Date: 2010.02.22  
 Start Time: 05:21:11      End Time: 18:03:29      Time On Btm: 2010.02.22 @ 09:23:30  
 Time Off Btm: 2010.02.22 @ 14:08:40

**TEST COMMENT:** F: BOB 1.5 min., strong steady blow  
 FSt No blow back  
 FF: BOB 2 min., strong steady blow  
 FSt No blow back



**PRESSURE SUMMARY**

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2429.63         | 112.77       | Initial Hydro-static |
| 5           | 396.39          | 114.90       | Open To Flow (1)     |
| 35          | 1004.69         | 129.99       | Shut-In (1)          |
| 97          | 1370.35         | 124.19       | End Shut-In (1)      |
| 98          | 1021.20         | 125.14       | Open To Flow (2)     |
| 156         | 1342.82         | 127.05       | Shut-In (2)          |
| 281         | 1376.16         | 123.90       | End Shut-In (2)      |
| 286         | 2439.52         | 122.45       | Final Hydro-static   |

**Recovery**

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 3162.00     | water 100%W | 41.75        |
|             |             |              |
|             |             |              |
|             |             |              |
|             |             |              |

**Gas Rates**

| Choke (inches) | Pressure (psig) | Gas Rate (Mscf/D) |
|----------------|-----------------|-------------------|
|                |                 |                   |



**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

James B Read Operating, Inc.  
 P.O. Box 638 Ardmore, OK 73402  
 ATTN: Rodney Gonzales

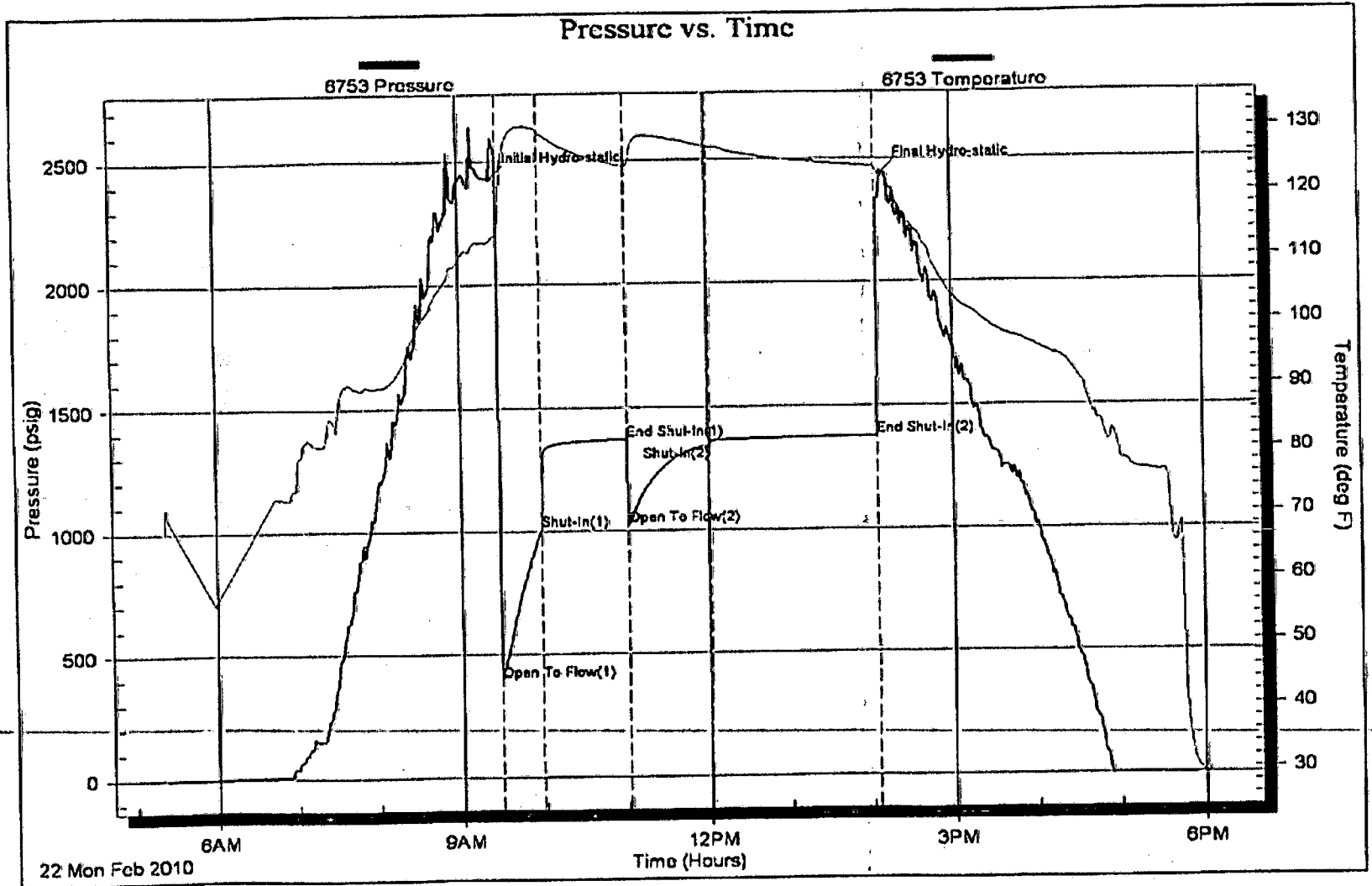
Schmidt 1-9  
 9/26/40  
 Job Ticket: 37513      DST#: 1  
 Test Start: 2010.02.22 @ 05:21:11

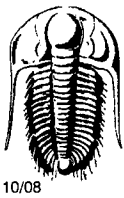
**Tool Information**

|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 4811.00 ft | Diameter: 3.80 inches | Volume: 67.49 bbl              | Tool Weight: 2000.00 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: 286.00 ft  | Diameter: 2.25 inches | Volume: 1.41 bbl               | Weight to Pull Loose: 80000.00 lb  |
|                           |                    |                       | <u>Total Volume: 68.90 bbl</u> | Tool Chased: 0.00 ft               |
| Drill Pipe Above KB:      | 5.00 ft            |                       |                                | String Weight: Initial 60000.00 lb |
| Depth to Top Packer:      | 5120.00 ft         |                       |                                | Final 72000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 112.00 ft          |                       |                                |                                    |
| Tool Length:              | 140.00 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          |            |          | 5093.00    |                                     |
| Shut In Tool              | 5.00          |            |          | 5098.00    |                                     |
| Hydraulic tool            | 5.00          |            |          | 5103.00    |                                     |
| Jars                      | 5.00          |            |          | 5108.00    |                                     |
| Safety Joint              | 3.00          |            |          | 5111.00    |                                     |
| Packer                    | 5.00          |            |          | 5116.00    | 28.00      Bottom Of Top Packer     |
| Packer                    | 4.00          |            |          | 5120.00    |                                     |
| Stubb                     | 1.00          |            |          | 5121.00    |                                     |
| Perforations              | 1.00          |            |          | 5122.00    |                                     |
| Recorder                  | 0.00          | 8374       | inside   | 5122.00    |                                     |
| Recorder                  | 0.00          | 6753       | inside   | 5122.00    |                                     |
| Perforations              | 12.00         |            |          | 5134.00    |                                     |
| Change Over Sub           | 1.00          |            |          | 5135.00    |                                     |
| Drill Pipe                | 93.00         |            |          | 5228.00    |                                     |
| Change Over Sub           | 1.00          |            |          | 5229.00    |                                     |
| Bullnose                  | 3.00          |            |          | 5232.00    | 112.00      Bottom Packers & Anchor |
| <b>Total Tool Length:</b> | <b>140.00</b> |            |          |            |                                     |







# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

RECEIVED  
FEB 26 2010

NO. 37513 13957

Well Name & No. Schmidt 1-9 BY: Test No. 1 Date 2-22-10  
 Company James B. Read operating, Inc. Elevation 3455 KB 3445 GL  
 Address P.O. Box 638 Ardmore, OK 73402  
 Co. Rep / Geo. Rodney Gonzalez Rig Tomcat B3  
 Location: Sec. 9 Twp. 26 Rge. 40 Co. Hamilton State KS

Interval Tested 5120-5232 Zone Tested Narrow  
 Anchor Length 112 Drill Pipe Run 4811 Mud Wt. 8.9  
 Top Packer Depth 5115 Drill Collars Run 276 Vis 58  
 Bottom Packer Depth 5120 Wt. Pipe Run N.A. WL 17.6  
 Total Depth 5232 Chlorides 2100 ppm System LCM 16#  
 Blow Description IF: BOB 1.5 min, strong steady blow  
IS: No blow back  
FP: BOB 2 min, strong steady blow  
FS: No blow back

| Rec         | Feet of      | %gas | %oil | %water     | %mud |
|-------------|--------------|------|------|------------|------|
| <u>3162</u> | <u>Water</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 3162 BHT 124 Gravity \_\_\_\_\_ API RW. 073 @ 69 °F Chlorides 115,000 ppm

|                                     |   |  |
|-------------------------------------|---|--|
| (A) Initial Hydrostatic <u>2430</u> | <input checked="" type="checkbox"/> Test conv. <u>1250'</u> | T-On Location <u>0400</u>                          |
| (B) First Initial Flow <u>376</u>   | <input checked="" type="checkbox"/> Jars <u>250'</u>        | T-Started <u>0600</u>                              |
| (C) First Final Flow <u>1005</u>    | <input checked="" type="checkbox"/> Safety Joint <u>75'</u> | T-Open <u>0930</u>                                 |
| (D) Initial Shut-In <u>1370</u>     | <input type="checkbox"/> Circ Sub _____                     | T-Pulled <u>1400</u>                               |
| (E) Second Initial Flow <u>1021</u> | <input type="checkbox"/> Hourly Standby _____               | T-Out <u>1800</u>                                  |
| (F) Second Final Flow <u>1343</u>   | <input checked="" type="checkbox"/> Mileage <u>140</u>      | Comments _____                                     |
| (G) Final Shut-In <u>1376</u>       | <input type="checkbox"/> Sampler _____                      | <u>(6753)-0526</u>                                 |
| (H) Final Hydrostatic <u>2440</u>   | <input type="checkbox"/> Straddle _____                     | <u>(8374)-0523</u>                                 |
| Initial Open <u>30</u>              | <input type="checkbox"/> Shale Packer _____                 | <input type="checkbox"/> Ruined Shale Packer _____ |
| Initial Shut-In <u>60</u>           | <input type="checkbox"/> Extra Packer _____                 | <input type="checkbox"/> Ruined Packer _____       |
| Final Flow <u>60</u>                | <input type="checkbox"/> Extra Recorder _____               | <input type="checkbox"/> Extra Copies _____        |
| Final Shut-In <u>120</u>            | <input type="checkbox"/> Day Standby _____                  | Sub Total <u>0</u>                                 |
|                                     | <input type="checkbox"/> Accessibility _____                | Total <u>1715</u>                                  |
|                                     | Sub Total <u>1715</u>                                       |  |

Approved By [Signature] Our Representative [Signature] CH  
 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.