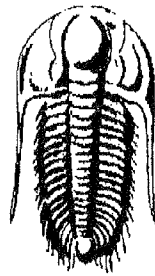


16-13s-13E

KGS ✓

15-197-20275-00-00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **L D Drilling Inc**

7 SW 26th Avenue
Great Bend, KS 67530

ATTN: George Peterson

13E
16 13 13Wabaunsee KS

Dorothy Wendland #1

Start Date: 2008.11.23 @ 20:00:22

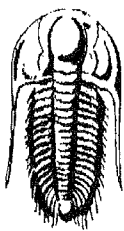
End Date: 2008.11.24 @ 03:09:22

Job Ticket #: 34380 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

L D Drilling Inc
7 SW 26th Avenue
Great Bend, KS 67530
ATTN: George Peterson

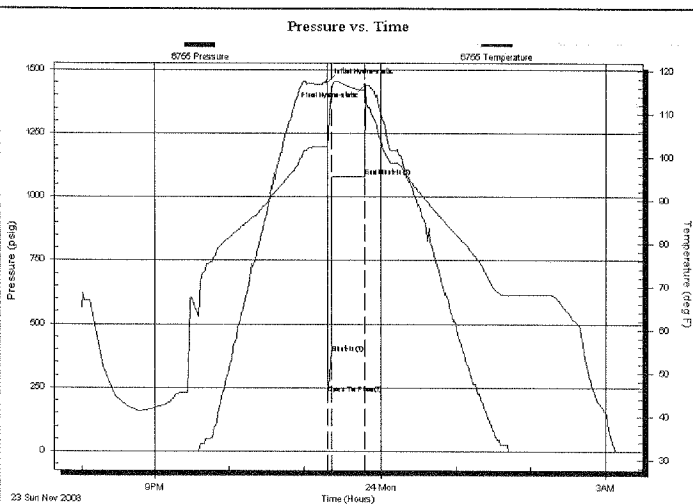
Dorothy Wendland #1
16 13 13Wabaunsee KS
Job Ticket: 34380 **DST#: 1**
Test Start: 2008.11.23 @ 20:00:22

GENERAL INFORMATION:

Formation: **Simpson/Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 23:18:52
Time Test Ended: 03:09:22
Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 32
Interval: **2974.00 ft (KB) To 3011.00 ft (KB) (TVD)**
Total Depth: 3011.00 ft (KB) (TVD)
Reference Elevations: 1232.00 ft (KB)
Hole Diameter: 7.80 inches Hole Condition: Good 1222.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6755 Inside
Press@RunDepth: 386.25 psig @ 2978.00 ft (KB)
Start Date: 2008.11.23 End Date: 2008.11.24 Capacity: 7000.00 psig
Start Time: 20:00:24 End Time: 03:09:22 Last Calib.: 2008.11.24
Time On Btm: 2008.11.23 @ 23:18:22
Time Off Btm: 2008.11.23 @ 23:47:52

TEST COMMENT: IFP-Strong Blow ,BOB in 30 Seconds
ISI-Dead
FFP-Pulled Tool



PRESSURE SUMMARY

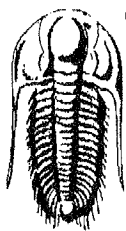
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1452.06	102.52	Initial Hydro-static
1	225.89	102.24	Open To Flow (1)
3	386.25	113.95	Shut-In(1)
29	1079.48	115.43	End Shut-In(1)
30	1442.97	115.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
500.00	Muddy Wate75%W-25%M	2.92

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

L D Drilling Inc

7 SW 26th Avenue
Great Bend, KS 67530

ATTN: George Peterson

Dorothy Wendland #1

16 13 13Wabaunsee KS

Job Ticket: 34380

DST#: 1

Test Start: 2008.11.23 @ 20:00:22

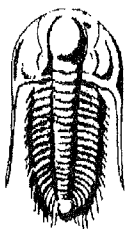
Tool Information

Drill Pipe:	Length: 2861.00 ft	Diameter: 2.50 inches	Volume: 17.37 bbl	Tool Weight:	2000.00 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: 97.00 ft	Diameter: 2.25 inches	Volume: 0.48 bbl	Weight to Pull Loose:	36000.00 lb
		Total Volume:	17.85 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial	32000.00 lb
Depth to Top Packer:	2974.00 ft			Final	34000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	37.00 ft				
Tool Length:	65.00 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			2947.00	
Shut In Tool	5.00			2952.00	
Hydraulic tool	5.00			2957.00	
Jars	5.00			2962.00	
Safety Joint	2.00			2964.00	
Packer	5.00			2969.00	28.00 Bottom Of Top Packer
Packer	5.00			2974.00	
Stubb	1.00			2975.00	
Perforations	3.00			2978.00	
Recorder	0.00	8360	Inside	2978.00	
Recorder	0.00	6755	Inside	2978.00	
Perforations	30.00			3008.00	
Bullnose	3.00			3011.00	37.00 Bottom Packers & Anchor

Total Tool Length: 65.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

L D Drilling Inc

7 SW 26th Avenue
Great Bend, KS 67530

ATTN: George Peterson

Dorothy Wendland #1

16 13 13Wabaunsee KS

Job Ticket: 34380

DST#: 1

Test Start: 2008.11.23 @ 20:00:22

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: sec/qt

Water Loss: in³

Resistivity: ohm.m

Salinity: 600.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: 10000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
500.00	Muddy Wate75%W-25%M	2.924

Total Length: 500.00 ft Total Volume: 2.924 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW 1.254 @ 33F

Serial #: 6755

Inside L D Drilling Inc

16 13 13Wabaunsee KS

DST Test Number: 1

Pressure vs. Time

