



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corporation**

150 N Main Ste 905
Wichita KS 67202

ATTN: Dave Callewaert

17 32S 30W Meade KS

Roehr # 1-17

Start Date: 2007.01.15 @ 17:29:25

End Date: 2007.01.16 @ 04:27:40

Job Ticket #: 25767 DST #: 1

KCC
APR 11 2007
CONFIDENTIAL

Trilobite Testing, Inc
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ph: 785-625-4778 fax: 785-625-5620



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TESTING, INC.**

DRILL STEM TEST REPORT

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ATTN: Dave Callew aert

Roehr # 1-17

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Job Ticket: 25767

DST#: 1

Test Start: 2007.01.15 @ 17:29:25

GENERAL INFORMATION:

Formation: **Marrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:55:40

Time Test Ended: 04:27:40

Test Type: Conventional Bottom Hole

Tester: Delton Brown

Unit No: 20

Interval: 5580.00 ft (KB) To 5611.00 ft (KB) (TVD)

Total Depth: 5611.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2280.00 ft (KB)

2270.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6625

Inside

Press@RunDepth: 840.82 psig @ 5583.00 ft (KB)

Start Date: 2007.01.15

End Date:

2007.01.16

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Start Time: 17:29:26

End Time:

04:27:40

Time On Btm: 2007.01.15 @ 20:54:10

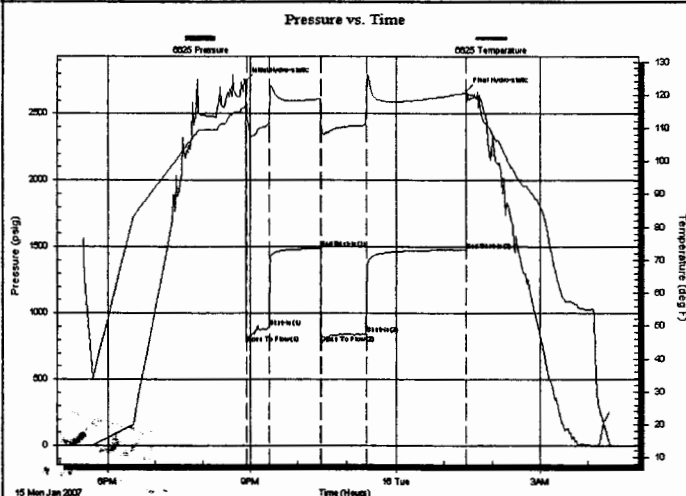
Time Off Btm: 2007.01.16 @ 01:27:40

TEST COMMENT: IF Strong blow BOB ASAO GTS 3 min.

ISI No return blow

FF Strong blow BOB ASAO

FSI No return blow



PRESSURE SUMMARY

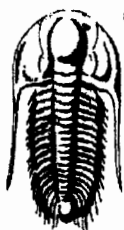
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2743.19	115.93	Initial Hydro-static
2	766.39	116.59	Open To Flow (1)
31	890.69	111.19	Shut-In (1)
93	1487.31	118.77	End Shut-In (1)
95	772.29	110.96	Open To Flow (2)
151	840.82	110.84	Shut-In (2)
274	1475.32	120.49	End Shut-In (2)
274	2671.26	120.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	165.00	2802.20
Last Gas Rate	0.75	240.00	3973.69
Max. Gas Rate	0.75	240.00	3973.69



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TOOL DIAGRAM

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Job Ticket: 25767

DST#: 1

Test Start: 2007.01.15 @ 17:29:25

Tool Information

Drill Pipe:	Length: 5310.00 ft	Diameter: 3.38 inches	Volume: 58.93 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:	25000.00 lb
Drill Collar:	Length: 247.00 ft	Diameter: 2.25 inches	Volume: 1.21 bbl	Weight to Pull Loose:	84000.00 lb
		Total Volume:	60.14 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	5580.00 ft			Final	64000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	31.00 ft				
Tool Length:	58.00 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			5554.00	
Shut In Tool	5.00			5559.00	
Hydraulic tool	5.00			5564.00	
Jars	5.00			5569.00	
Safety Joint	2.00			5571.00	
Packer	5.00		Fluid	5576.00	27.00 Bottom Of Top Packer
Packer	4.00			5580.00	
Stubb	1.00			5581.00	
Anchor	2.00			5583.00	
Recorder	0.00	6625	inside	5583.00	
Perforations	25.00			5608.00	
Recorder	0.00	13761	inside	5608.00	
Bullnose	3.00			5611.00	31.00 Bottom Packers & Anchor

Total Tool Length: 58.00



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FLUID SUMMARY

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Job Ticket: 25767

DST#: 1

Test Start: 2007.01.15 @ 17:29:25

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: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl

Total Length:

ft

Total Volume:

bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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GAS RATES

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Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	10	0.75	165.00	2802.20
1	10	0.75	165.00	2802.20
1	10	0.75	165.00	2802.20
1	20	0.75	200.00	3348.90
1	30	0.75	210.00	3505.10
2	10	0.75	185.00	3114.60
2	20	0.75	230.00	3817.49
2	30	0.75	235.00	3895.59
2	40	0.75	235.00	3895.59
2	50	0.75	240.00	3973.69

Serial #: 6625

Inside

Eagle Creek Corporation

17 32S 30W Meade KS

DST Test Number: 1

