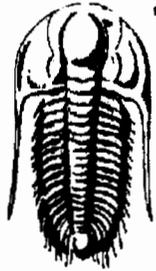


33-19-10w



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Premier Oil & Gas Exploration, Inc.**

1100 Airport Rd.  
Hutchinson, KS 67501

ATTN: Josh Austin / Wayne L

**33 19 10 Rice KS**

**Hager #3**

Start Date: 2008.09.05 @ 18:46:21

End Date: 2008.09.06 @ 04:16:36

Job Ticket #: 31749                      DST #: 1

*15-159-22582-0000*

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Premier Oil & Gas Exploration, Inc.

Hager #3

33 19 10 Rice KS

DST # 1

Lansing B-F

2008.09.05



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Premier Oil & Gas Exploration, Inc.

**Hager #3**

1100 Airport Rd.  
Hutchinson, KS 67501

**33 19 10 Rice KS**

Job Ticket: 31749

**DST#: 1**

ATTN: Josh Austin / Wayne Lchinson, KS 67501

Test Start: 2008.09.05 @ 18:46:21

## GENERAL INFORMATION:

Formation: **Lansing B-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:44:36

Time Test Ended: 04:16:36

Test Type: Conventional Bottom Hole

Tester: Esak Hadley

Unit No: 23

Interval: **3016.00 ft (KB) To 3100.00 ft (KB) (TVD)**

Total Depth: 3100.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1785.00 ft (KB)

1777.00 ft (CF)

KB to GR/CF: 8.00 ft

**Serial #: 8370**

**Inside**

Press@RunDepth: 124.13 psig @ 3017.00 ft (KB)

Start Date: 2008.09.05

End Date:

2008.09.06

Capacity:

7000.00 psig

Last Calib.:

2008.09.06

Start Time: 18:46:26

End Time:

04:16:36

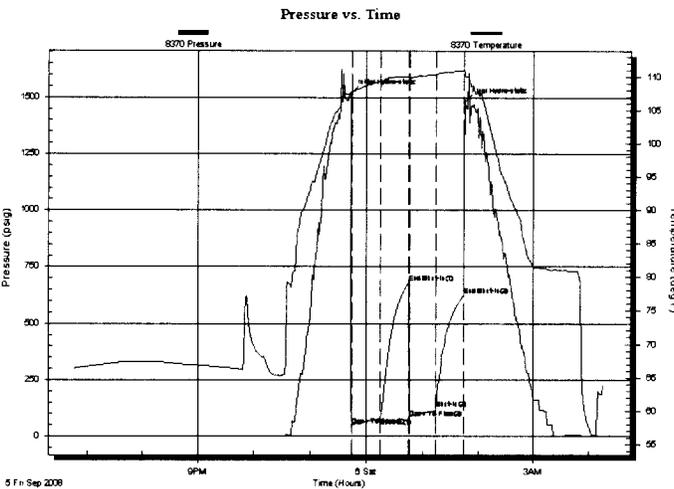
Time On Btm:

2008.09.05 @ 23:43:20

Time Off Btm:

2008.09.06 @ 01:45:20

**TEST COMMENT:** IF Strong blow BOB in 35 sec  
ISI Weak blow No more than 2"  
FF Strong blow BOB in 45 sec  
FSI Weak blow No more than 1"



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1518.80	107.46	Initial Hydro-static
2	48.05	107.78	Open To Flow (1)
32	78.57	109.28	Shut-In(1)
62	679.36	110.02	End Shut-In(1)
63	81.47	109.73	Open To Flow(2)
91	124.13	110.34	Shut-In(2)
122	623.46	110.79	End Shut-In(2)
122	1483.53	110.42	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
38.00	G&WCMD 10%g 10%w 30%m 50%o	0.19
120.00	G&MCWO 10%g 10%m 30%w 50%o	0.59
117.00	G&OCMW 10%g 10%o 10%m 70%w	1.49

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Premier Oil & Gas Exploration, Inc.

**Hager #3**

1100 Airport Rd.  
Hutchinson, KS 67501

**33 19 10 Rice KS**

Job Ticket: 31749

**DST#: 1**

ATTN: Josh Austin / Wayne Lchinson, KS 67501

Test Start: 2008.09.05 @ 18:46:21

**Tool Information**

Drill Pipe:	Length: 2823.00 ft	Diameter: 3.80 inches	Volume: 39.60 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 175.00 ft	Diameter: 2.25 inches	Volume: 0.86 bbl	Weight to Pull Loose: 56000.00 lb
			<u>Total Volume: 40.46 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3016.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	84.00 ft			
Tool Length:	112.00 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			2989.00	
Shut In Tool	5.00			2994.00	
Hydraulic tool	5.00			2999.00	
Jars	5.00			3004.00	
Safety Joint	3.00			3007.00	
Packer	4.00			3011.00	28.00 Bottom Of Top Packer
Packer	5.00			3016.00	
Stubb	1.00			3017.00	
Recorder	0.00	8370	Inside	3017.00	
Recorder	0.00	8289	Inside	3017.00	
Perforations	13.00			3030.00	
Change Over Sub	1.00			3031.00	
Blank Spacing	63.00			3094.00	
Change Over Sub	1.00			3095.00	
Bullnose	5.00			3100.00	84.00 Bottom Packers & Anchor

**Total Tool Length: 112.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Premier Oil & Gas Exploration, Inc.

**Hager #3**

1100 Airport Rd.  
Hutchinson, KS 67501

**33 19 10 Rice KS**

Job Ticket: 31749

**DST#: 1**

ATTN: Josh Austin / Wayne Lchinson, KS 67501

Test Start: 2008.09.05 @ 18:46:21

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 5200.00 ppm			
Filter Cake: 0.20 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
38.00	G&WCMD 10%g 10%w 30%m 50%o	0.187
120.00	G&MCWO 10%g 10%m 30%w 50%o	0.590
117.00	G&OCMV 10%g 10%o 10%m 70%w	1.486

Total Length: 275.00 ft      Total Volume: 2.263 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

33 19 10 Rice KS

Premier Oil & Gas Exploration, Inc.

Inside

Serial #: 8370

### Pressure vs. Time

