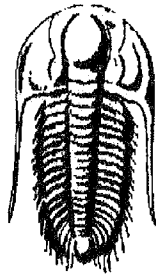


10-18s-11w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Credo Petroleum Corporation**

1801 Broadway # 900
Denver, CO 80202

ATTN: Josh Austin

15-009-25481

10-18s-11w Barton KS

Diane Nemnich # 1-10

Start Date: 2010.05.17 @ 19:38:38

End Date: 2010.05.18 @ 02:28:08

Job Ticket #: 36902 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 01 2010

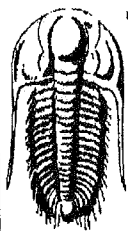
CONSERVATION DIVISION
WICHITA, KS

KCC
JUN 28 2010
CONFIDENTIAL

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Credo Petroleum Corporation

1801 Broadway # 900
Denver, CO 80202

ATTN: Josh Austin

Diane Nemnich # 1-10

10-18s-11w Barton KS

Job Ticket: 36902

DST#: 1

Test Start: 2010.05.17 @ 19:38:38

GENERAL INFORMATION:

Formation: **Lansing " B "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:11:08

Time Test Ended: 02:28:08

Test Type: Conventional Bottom Hole

Tester: Jerry Adams

Unit No: 45

Interval: **3054.00 ft (KB) To 3070.00 ft (KB) (TVD)**

Total Depth: 3070.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1778.00 ft (KB)

1770.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6798

Inside

Press@RunDepth: 51.05 psig @ 3055.00 ft (KB)

Start Date: 2010.05.17

End Date:

2010.05.18

Start Time: 19:38:39

End Time:

02:28:08

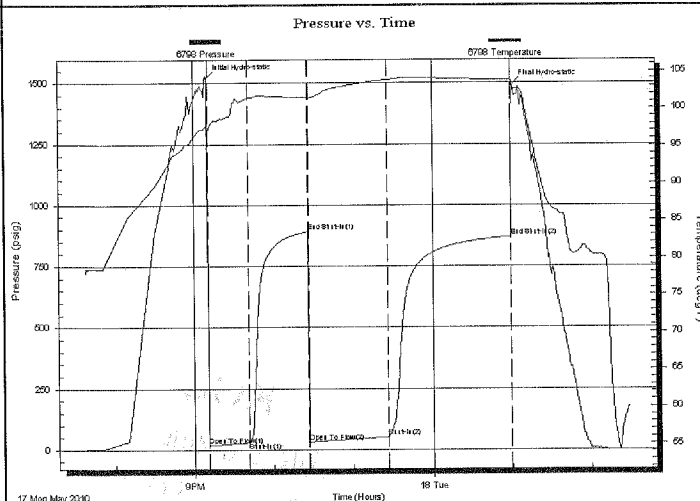
Capacity: 8000.00 psig

Last Calib.: 2010.05.18

Time On Btm: 2010.05.17 @ 21:10:08

Time Off Btm: 2010.05.18 @ 01:00:08

TEST COMMENT: IF:Weak blow . Built to 3 1/2".
IS:No blow .
FF:Weak blow . Built to 2 1/2".
FS:No blow .



PRESSURE SUMMARY

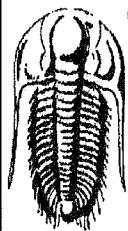
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1521.35	97.66	Initial Hydro-static
1	18.04	96.81	Open To Flow (1)
32	29.66	101.39	Shut-In(1)
76	891.12	101.48	End Shut-In(1)
77	31.72	101.30	Open To Flow (2)
137	51.05	103.81	Shut-In(2)
229	870.71	103.75	End Shut-In(2)
230	1493.01	102.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Saltwater w/ oil scum	0.91
5.00	HMCW 60%w 40%m	0.07
0.00	RW = .065 @ 88 deg.	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Credo Petroleum Corporation

Diane Nemnich # 1-10

1801 Broadway # 900
Denver, CO 80202

10-18s-11w Barton KS

Job Ticket: 36902

DST#: 1

ATTN: Josh Austin

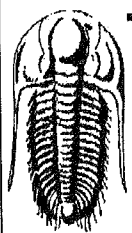
Test Start: 2010.05.17 @ 19:38:38

Tool Information

Drill Pipe:	Length: 3049.00 ft	Diameter: 3.80 inches	Volume: 42.77 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: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 42000.00 lb
			Total Volume: 42.77 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3054.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	36.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3039.00	
Hydraulic tool	5.00			3044.00	
Packer	5.00			3049.00	20.00 Bottom Of Top Packer
Packer	5.00			3054.00	
Stubb	1.00			3055.00	
Recorder	0.00	6798	Inside	3055.00	
Recorder	0.00	8367	Outside	3055.00	
Perforations	12.00			3067.00	
Bullnose	3.00			3070.00	16.00 Bottom Packers & Anchor
Total Tool Length:	36.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Credo Petroleum Corporation

Diane Nemnich # 1-10

1801 Broadway # 900
Denver, CO 80202

10-18s-11w Barton KS

Job Ticket: 36902

DST#: 1

ATTN: Josh Austin

Test Start: 2010.05.17 @ 19:38:38

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: 97000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4400.00 ppm

Filter Cake: 0.21 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	Saltwater w / oil scum	0.912
5.00	HMCW 60%w 40%w	0.070
0.00	RW = .065 @ 88 deg.	0.000

Total Length: 70.00 ft

Total Volume: 0.982 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

