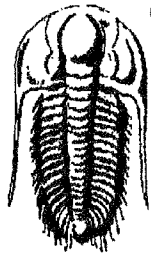


11-13s-19w

15-051-25700-0000



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Cla-Mar Oil**

PO Box 1197
Hays KS 67601

ATTN: Jim Clark

11 13 19W Ellis KS

Insley-Price #1

Start Date: 2007.11.02 @ 21:07:24

End Date: 2007.11.03 @ 03:38:54

Job Ticket #: 30645 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2007.11.05 @ 12:47:15 Page 1

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MAR 12 2008

CONSERVATION DIVISION
WICHITA, KS

Cla-Mar Oil

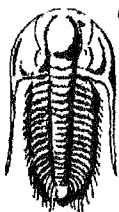
Insley-Price #1

11 13 19W Ellis KS

DST # 1

Topeka

2007.11.02



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Cla-Mar Oil

PO Box 1197
Hays KS 67601

ATTN: Jim Clark

Insley-Price #1

11 13 19W Ellis KS

Job Ticket: 30645

DST#: 1

Test Start: 2007.11.02 @ 21:07:24

GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:32:24

Time Test Ended: 03:38:54

Test Type: Conventional Bottom Hole

Tester: Paul Simpson

Unit No: 42

Interval: **3292.00 ft (KB) To 3370.00 ft (KB) (TVD)**

Total Depth: 3370.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2105.00 ft (KB)

2100.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8018

Inside

Press@RunDepth: 29.58 psig @ 3296.01 ft (KB)

Start Date: 2007.11.02

End Date:

2007.11.03

Start Time: 21:07:29

End Time:

03:38:53

Capacity: 7000.00 psig

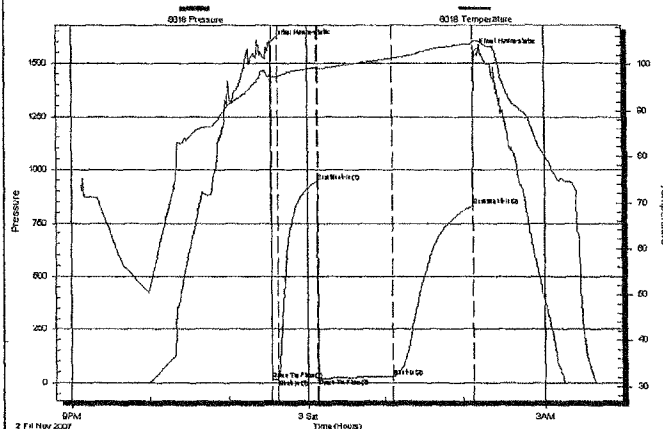
Last Calib.: 2007.02.07

Time On Btm: 2007.11.02 @ 23:31:54

Time Off Btm: 2007.11.03 @ 02:08:24

TEST COMMENT: IF 1/2 " blow building to 1 "
FF Weak surface blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1595.46	97.47	Initial Hydro-static
1	15.13	97.17	Open To Flow (1)
6	17.03	97.42	Shut-In (1)
36	943.52	99.31	End Shut-In (1)
37	18.19	99.02	Open To Flow (2)
95	29.58	101.28	Shut-In (2)
156	831.34	104.36	End Shut-In (2)
157	1552.60	105.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mw/Oil specks	0.42

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 30645

Printed: 2007.11.05 @ 12:47:15 Page 2

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WICHITA, KS



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Cla-Mar Oil

Insley-Price #1

PO Box 1197
Hays KS 67601

11 13 19W Ellis KS

Job Ticket: 30645

DST#: 1

ATTN: Jim Clark

Test Start: 2007.11.02 @ 21:07:24

Tool Information

Drill Pipe:	Length: 3276.00 ft	Diameter: 3.80 inches	Volume: 45.95 bbl	Tool Weight:	1500.00 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:	38000.00 lb
			<u>Total Volume: 45.95 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial	36000.00 lb
Depth to Top Packer:	3292.00 ft			Final	36000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	78.02 ft				
Tool Length:	98.02 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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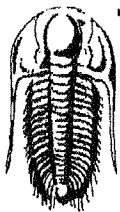
Shut In Tool	5.00			3277.00	
Hydraulic tool	5.00			3282.00	
Packer	5.00			3287.00	20.00 Bottom Of Top Packer
Packer	5.00			3292.00	
Stubb	1.00			3293.00	
Perforations	2.00			3295.00	
Change Over Sub	1.00			3296.00	
Recorder	0.01	8018	Inside	3296.01	
Blank Spacing	62.00			3358.01	
Change Over Sub	1.00			3359.01	
Recorder	0.01	13760	Outside	3359.02	
Perforations	8.00			3367.02	
Bullnose	3.00			3370.02	78.02 Bottom Packers & Anchor

Total Tool Length: 98.02

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WICHITA, KS



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Cla-Mar Oil

Insley-Price #1

PO Box 1197
Hays KS 67601

11 13 19W Ellis KS

Job Ticket: 30645

DST#: 1

ATTN: Jim Clark

Test Start: 2007.11.02 @ 21:07:24

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: 9.57 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Mw /Oil specks	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

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MAR 12 2008

CONSERVATION DIVISION
WICHITA, KS

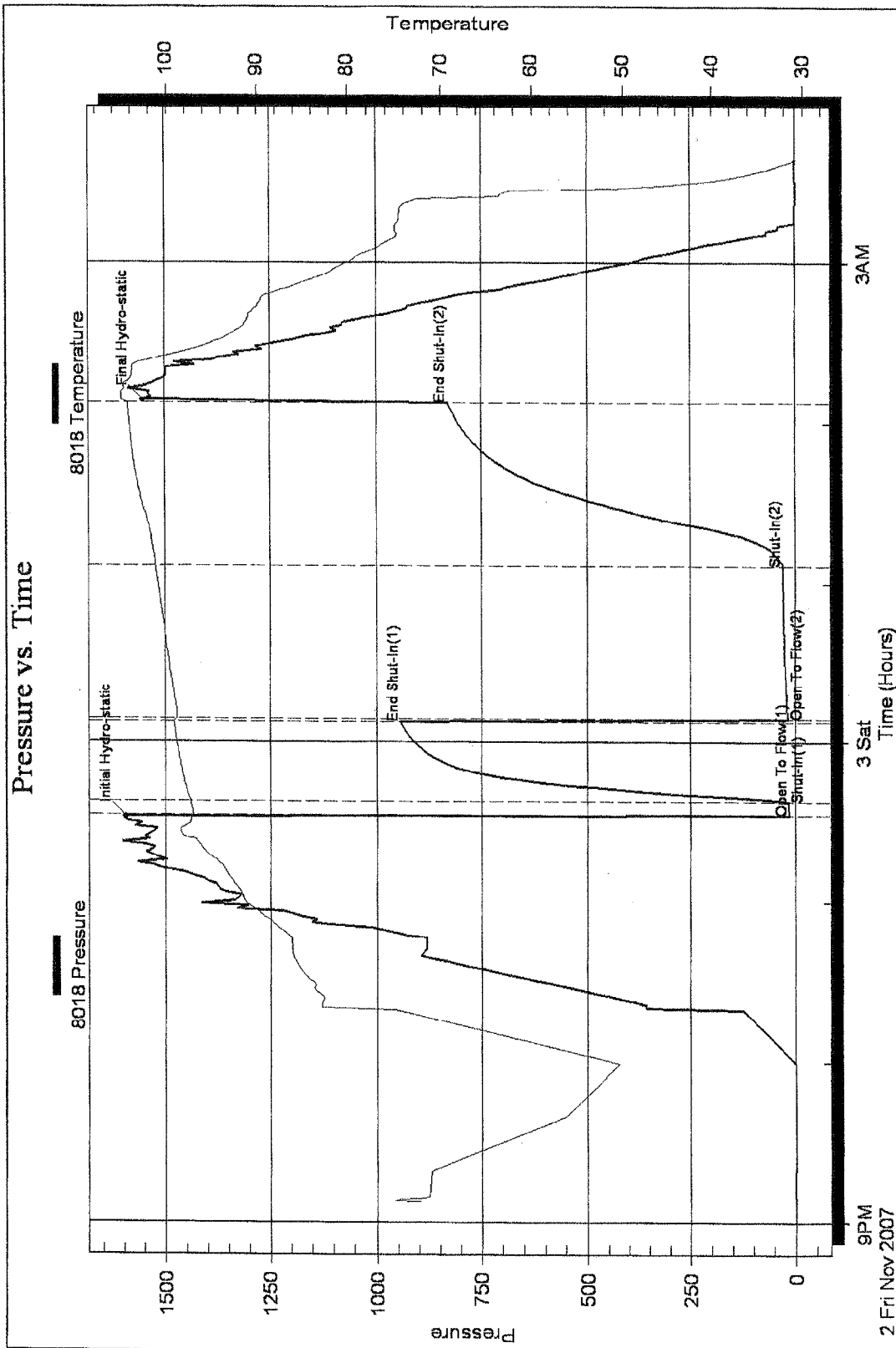
DST Test Number: 1

11 13 19W Ellis KS

Cla-Mar Oil

Inside

Serial #: 8018



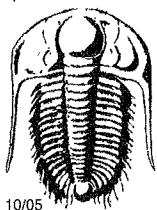
Ref. No: 30645

Printed: 2007.11.05 @ 12:47:16 Page 5

Trilobite Testing, Inc
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CONSERVATION DIVISION
WICHITA, KS



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

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BY: _____

Test Ticket

Well Name & No. <u>Jasby Price #1</u>	Test No. <u>1</u>	Date <u>11/2/07</u>
Company <u>Ch-Mer Oil Company</u>	Zone Tested <u>Topoke</u>	
Address <u>Box 1145 Hays KS 67601</u>	Elevation <u>2105</u> KB <u>2100</u> GL	
Co. Rep / Geo. <u>Neal La Fon</u>	Rig <u>Royal</u>	
Location: Sec. <u>11</u> Twp. <u>13s</u> Rge. <u>19w</u>	Co. <u>Ellis</u>	State <u>KS</u>
Comment: _____		Release date / time: _____

Interval Tested <u>3292-3320</u>	Initial Str Wt./Lbs. <u>36,000</u>	Unseated Str Wt./Lbs. <u>36,000</u>
Anchor Length <u>78</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>35,000</u>
Top Packer Depth <u>3282</u>	Tool Weight <u>1500</u>	
Bottom Packer Depth <u>3292</u>	Hole Size <u>7 7/8"</u>	Rubber Size <u>6 3/4"</u>
Total Depth <u>3320</u>	Wt. Pipe Run _____	Drill Collar Run _____
Mud Wt. <u>8.6</u> LCM _____ Vis. <u>50</u> WL <u>9.6</u>	Drill Pipe Size <u>4 1/2 X 11</u>	Ft. Run <u>3226</u>
Blow Description <u>1/2" blow, building to 1"</u> <u>FF - surface blow</u>		

Recovery - Total Feet <u>30</u>	GIP _____	Ft. in DC _____	Ft. in DP <u>30</u>
Rec. <u>30</u>	Feet of <u>mud w/ oil specks</u>	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
BHT <u>105</u>	*F Gravity _____	*API D @ _____	*F Corrected Gravity _____
RW _____	@ _____	*F Chlorides _____	ppm Recovery _____
		Chlorides _____	ppm System _____

(A) Initial Hydrostatic Mud	AK-1 <u>1595</u> PSI	Alpine	Recorder No. <u>8018</u>	Test _____
(B) First Initial Flow Pressure	<u>15</u> PSI		(depth) <u>3295</u>	Jars _____
(C) First Final Flow Pressure	<u>17</u> PSI		Recorder No. <u>13760</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>944</u> PSI		(depth) <u>3359</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>18</u> PSI		Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>30</u> PSI		(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>831</u> PSI	Initial Opening	<u>5</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1552</u> PSI	Initial Shut-In	<u>30</u>	Shale Packer _____

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Approved By _____

Our Representative Paul Simpson

Final Flow _____	
Final Shut-In _____	
T-On Location <u>1945</u>	
T-Started <u>2105</u>	
T-Open <u>2332</u>	
T-Pulled <u>0207</u>	
T-Out <u>0338</u>	
Mileage <u>24 RT</u>	
Sub Total: _____	
Std. By _____	
Acc. Chg: _____	
Other: _____	
Total: _____	

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WICHITA, KS

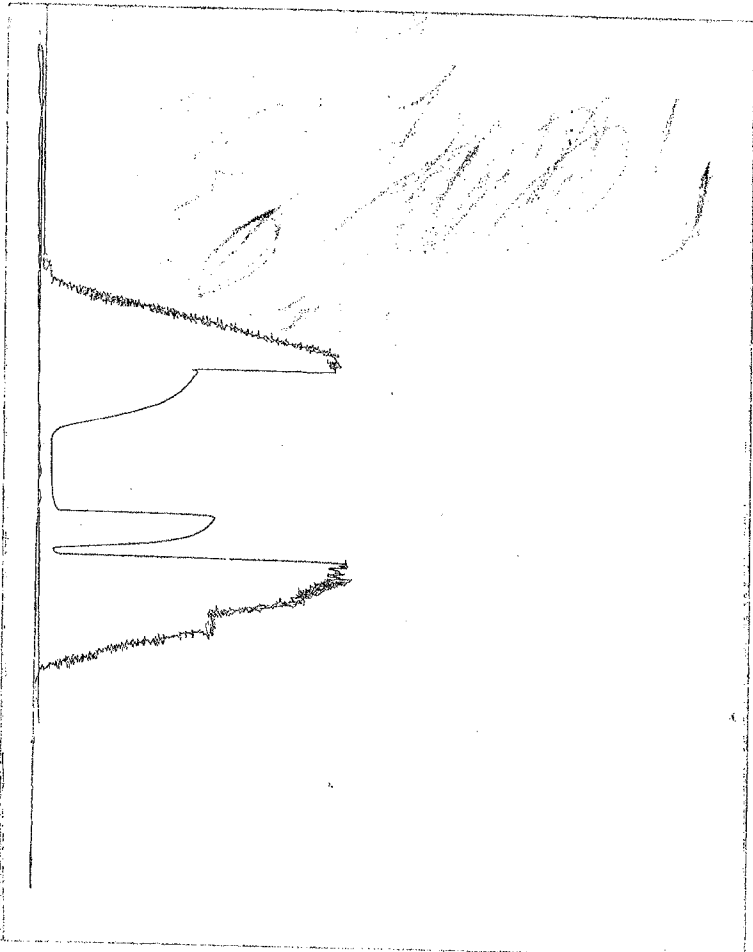
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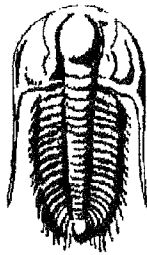
CONSERVATION DIVISION
WICHITA, KS

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart



AlaMax
Inslay - Price #1



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Cla-Mar Oil**

PO Box 1197
Hays KS 67601

ATTN: Jim Clark

11 13 19W Ellis KS

Insley-Price #1

Start Date: 2007.11.03 @ 15:48:03

End Date: 2007.11.03 @ 22:36:15

Job Ticket #: 30646 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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CONSERVATION DIVISION
WICHITA, KS

Cla-Mar Oil

Insley-Price #1

11 13 19W Ellis KS

DST # 2

Lansing D

2007.11.03



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Cla-Mar Oil

Insley-Price #1

PO Box 1197
Hays KS 67601

11 13 19W Ellis KS

Job Ticket: 30646

DST#: 2

ATTN: Jim Clark

Test Start: 2007.11.03 @ 15:48:03

GENERAL INFORMATION:

Formation: **Lansing D**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 17:32:16

Time Test Ended: 22:36:15

Test Type: **Conventional Bottom Hole**

Tester: **Paul Simpson**

Unit No: **42**

Interval: **3380.00 ft (KB) To 3455.00 ft (KB) (TVD)**

Reference Elevations: **2105.00 ft (KB)**

Total Depth: **3455.00 ft (KB) (TVD)**

2100.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Good**

KB to GR/CF: 5.00 ft

Serial #: 8018

Inside

Press@RunDepth: **101.81 psig @ 3384.01 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2007.11.03**

End Date:

2007.11.03

Last Calib.:

2007.03.07

Start Time: **15:48:03**

End Time:

22:36:16

Time On Btm:

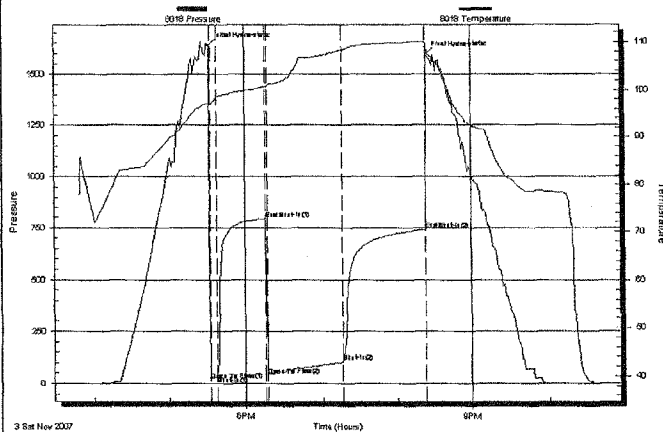
2007.11.03 @ 17:31:16

Time Off Btm:

2007.11.03 @ 20:23:46

TEST COMMENT: IF Weak blow building to 4 "
FF Surface blow building to bottom of bucket in 20 minutes
FSI Weak 1/4 " blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1639.39	97.28	Initial Hydro-static
1	19.14	96.96	Open To Flow (1)
7	34.46	98.45	Shut-In (1)
45	793.42	100.75	End Shut-In (1)
46	39.50	100.76	Open To Flow (2)
105	101.81	108.32	Shut-In (2)
172	741.73	109.99	End Shut-In (2)
173	1595.73	109.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	SI O & WCM 5%O 45%W 50%M	0.87
62.00	OCM 17%O 3%W 80%M	0.87
62.00	HOCM 28%O 3%W 70%M	0.87
5.00	MO 90%O 10%M	0.07
0.00	200' GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Cla-Mar Oil

Insley-Price #1

PO Box 1197
Hays KS 67601

11 13 19W Ellis KS

Job Ticket: 30646

DST#: 2

ATTN: Jim Clark

Test Start: 2007.11.03 @ 15:48:03

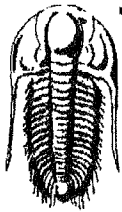
Tool Information

Drill Pipe:	Length: 3375.00 ft	Diameter: 3.80 inches	Volume: 47.34 bbl	Tool Weight: 1500.00 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: 40000.00 lb
			<u>Total Volume: 47.34 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 39000.00 lb
Depth to Top Packer:	3380.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	75.02 ft			
Tool Length:	95.02 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			3365.00	
Hydraulic tool	5.00			3370.00	
Packer	5.00			3375.00	20.00 Bottom Of Top Packer
Packer	5.00			3380.00	
Stubb	1.00			3381.00	
Perforations	2.00			3383.00	
Change Over Sub	1.00			3384.00	
Recorder	0.01	8018	Inside	3384.01	
Blank Spacing	62.00			3446.01	
Change Over Sub	1.00			3447.01	
Perforations	5.00			3452.01	
Recorder	0.01	13760	Outside	3452.02	
Bullnose	3.00			3455.02	75.02 Bottom Packers & Anchor

Total Tool Length: 95.02



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Cla-Mar Oil

Insley-Price #1

PO Box 1197
Hays KS 67601

11 13 19W Ellis KS

Job Ticket: 30646

DST#: 2

ATTN: Jim Clark

Test Start: 2007.11.03 @ 15:48:03

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:

17000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	SI O & WCM 5%O 45%W 50%M	0.870
62.00	OCM 17%O 3%W 80%M	0.870
62.00	HOCM 28%O 3%W 70%M	0.870
5.00	MO 90%O 10%M	0.070
0.00	200' GIP	0.000

Total Length: 191.00 ft

Total Volume: 2.680 bbl

Num Fluid Samples: 0

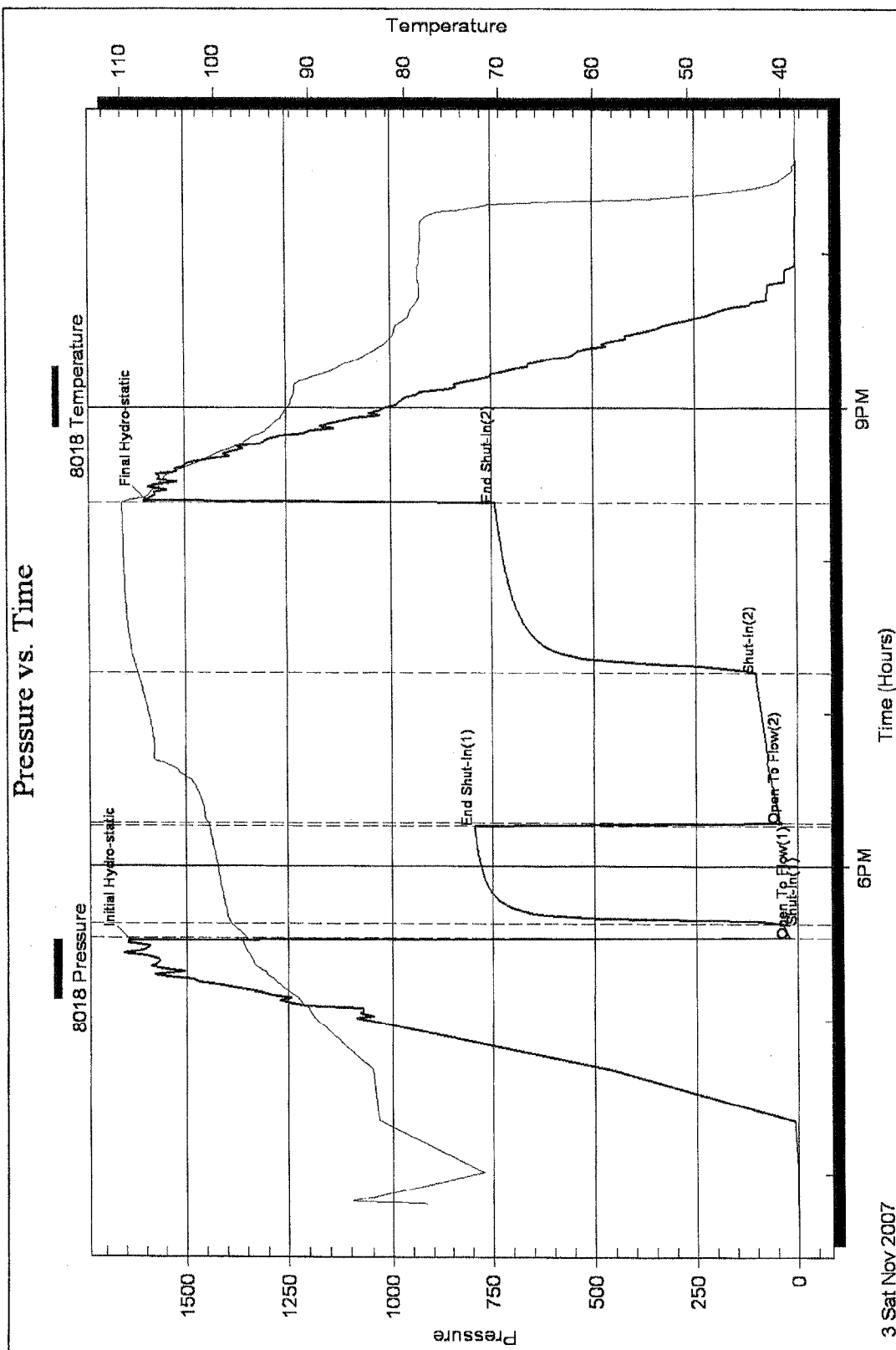
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

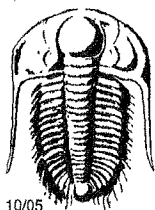
Recovery Comments: .69@42



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Trilobite Testing, Kansas Corporation Commission 30646

MAR 12 2008

CONSERVATION DIVISION
WICHITA, KS



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

30646
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NOV 05 2007

BY: _____

Test Ticket

Well Name & No. <u>Fogley Price A1</u>	Test No. <u>2</u>	Date <u>11/3/07</u>
Company <u>Clair Mar</u>	Zone Tested <u>Long 10</u>	
Address <u>Box 1197 Hays KS 67601</u>	Elevation <u>2105</u>	KB <u>2100</u> GL
Co. Rep / Geo. <u>Neal LaFon</u>	Rig <u>Royal</u>	
Location: Sec. <u>11</u> Twp. <u>13s</u> Rge. <u>19w</u>	Co. <u>G113</u>	State <u>KS</u>
Comment: _____		Release date / time: _____

Interval Tested <u>3380 - 3455</u>	Initial Str Wt./Lbs. <u>38000</u>	Unseated Str Wt./Lbs. <u>39000</u>
Anchor Length <u>75</u>	Wt. Set Lbs. <u>201000</u>	Wt. Pulled Loose/Lbs. <u>42000</u>
Top Packer Depth <u>3325</u>	Tool Weight _____	
Bottom Packer Depth <u>3380</u>	Hole Size <u>7 7/8"</u>	Rubber Size <u>6 3/4"</u>
Total Depth <u>3455</u>	Wt. Pipe Run _____	Drill Collar Run _____
Mud Wt. <u>8.7</u> LCM <u>56</u> Vis. <u>9.8</u>	Drill Pipe Size <u>4 1/2"</u>	Ft. Run <u>3375</u>
Blow Description <u>Weak blow building to 4"</u> <u>FF - Fair blow building to bottom of bucket in 20 min</u> <u>PST - weak 1" blow</u>		

Recovery - Total Feet <u>191</u>	GIP <u>200</u>	Ft. in DC _____	Ft. in DP _____
Rec. <u>52</u> Feet of <u>51 O & WCM</u>	%gas <u>5</u>	%oil <u>45</u>	%water <u>50</u> %mud
Rec. <u>62</u> Feet of <u>OCM</u>	%gas <u>17</u>	%oil <u>3</u>	%water <u>80</u> %mud
Rec. <u>62</u> Feet of <u>HOCM</u>	%gas <u>28</u>	%oil <u>3</u>	%water <u>70</u> %mud
Rec. <u>5</u> Feet of <u>MO</u>	%gas <u>90</u>	%oil _____	%water <u>10</u> %mud
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____ %mud
BHT <u>110</u> °F Gravity _____	°API D @ _____	°F Corrected Gravity _____	°API _____
RW <u>169</u> @ <u>42</u> °F	Chlorides <u>17000</u> ppm Recovery _____	Chlorides _____	ppm System _____

(A) Initial Hydrostatic Mud	AK-1 <u>1639</u> PSI	Recorder No. <u>5018</u>	Test _____
(B) First Initial Flow Pressure	<u>19</u> PSI	(depth) <u>3384</u>	Jars _____
(C) First Final Flow Pressure	<u>34</u> PSI	Recorder No. <u>13760</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>293</u> PSI	(depth) <u>3447</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>39</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>101</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>741</u> PSI	Initial Opening <u>8</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>596</u> PSI	Initial Shut-In <u>45</u>	Shale Packer _____
		Final Flow <u>60</u>	Ruined Packer _____
		Final Shut-In <u>60</u>	Mileage <u>24 RT</u>

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Approved By _____

Our Representative Paul Simon

T-On Location

T-Started 15 47
T-Open 17 29
T-Pulled 20 19
T-Out 22 38

Other: _____
Total: RECEIVED
KANSAS CORPORATION COMMISSION

MAR 12 2008

CONSERVATION DIVISION
WICHITA, KS

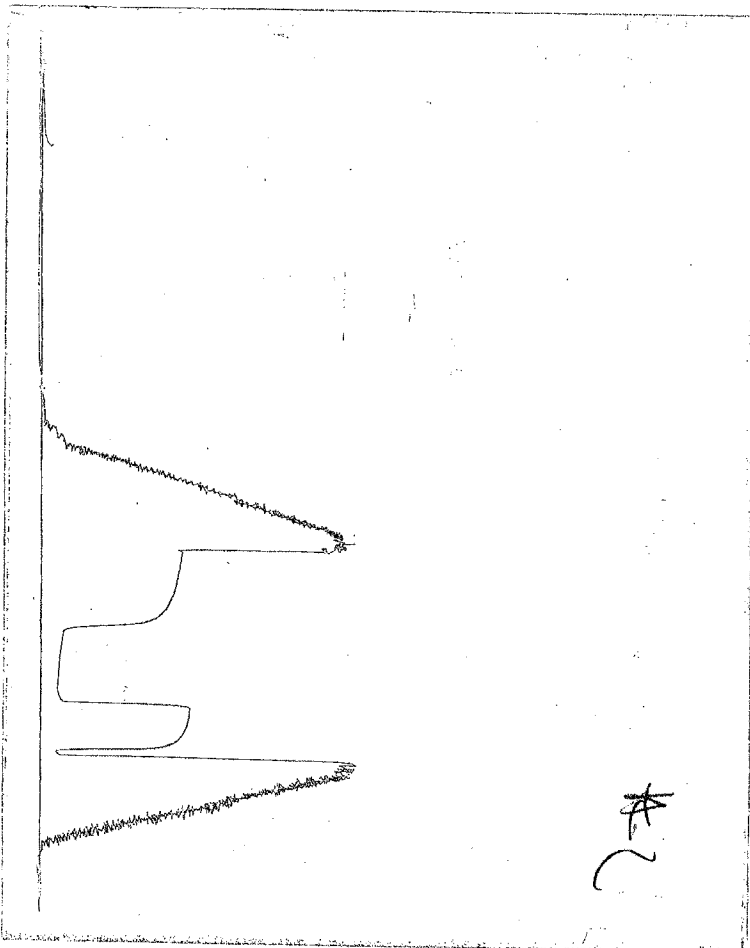
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CHART PAGE

This is a photocopy of the actual AK-1 recorder chart



clamps
Insley Price #1