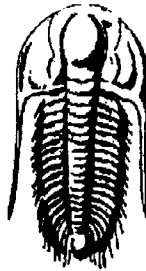


15-179-21157

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TRILOBITE
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DRILL STEM TEST REPORT

Prepared For: **Imperial American Operating Inc**

900 N Rd#14
Wichita KS 67212

ATTN: Randy Killian

15-179-21157-00-00
NW SE SW SW

24 8 26W Sheridan KS

Marcille #24-1

Start Date: 2006.07.08 @ 06:57:42

End Date: 2006.07.08 @ 12:27:25

Job Ticket #: 25399 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Imperial American Operating Inc

900 N Rd#14
Wichita KS 67212

ATTN: Randy Killian

Marcille #24-1

24 8 26W Sheridan KS

Job Ticket: 25399

DST#: 1

Test Start: 2006.07.08 @ 06:57:42

GENERAL INFORMATION:

Formation: **LKC/ C,D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:26:40

Time Test Ended: 12:27:25

Test Type: Bottom Hole

Tester: Michael Shinn

Unit No: 22

Interval: **3647.00 ft (KB) To 3690.00 ft (KB) (TVD)**

Total Depth: 3690.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 2457.00 ft (KB)

2452.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6672 Inside

Press@RunDepth: 89.02 psig @ 3653.00 ft (KB)

Start Date: 2006.07.08

End Date: 2006.07.08

Start Time: 06:57:42

End Time: 12:27:25

Capacity: 7000.00 psig

Last Calib.: 2006.07.08

Time On Btm: 2006.07.08 @ 08:26:25

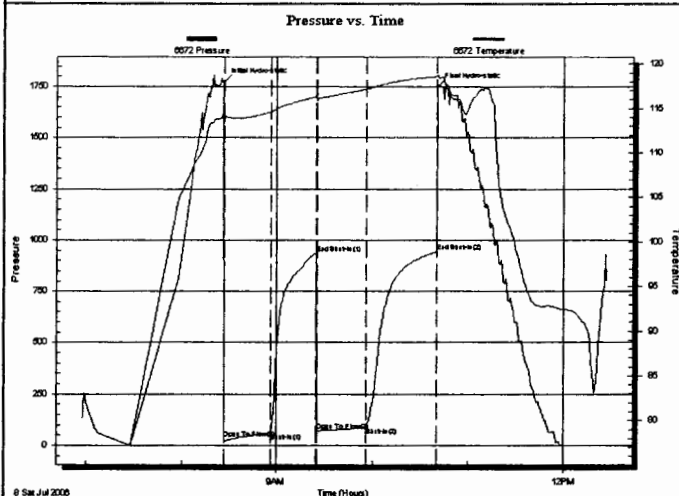
Time Off Btm: 2006.07.08 @ 10:41:10

TEST COMMENT: IF Return surface blow died in 1 min

IS No Return

FF No Blow

ISI No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1773.04	114.41	Initial Hydro-static
1	32.19	113.42	Open To Flow (1)
30	60.69	114.62	Shut-In (1)
59	935.71	116.33	End Shut-In (1)
59	69.78	115.87	Open To Flow (2)
90	89.02	117.16	Shut-In (2)
134	942.80	118.60	End Shut-In (2)
135	1750.98	118.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Free Oil	0.02
125.00	McO 80%M 20%O	0.61

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Imperial American Operating Inc

Marcille #24-1

900 N Rd#14
Wichita KS 67212

24 8 26W Sheridan KS

Job Ticket: 25399

DST#: 1

ATTN: Randy Killian

Test Start: 2006.07.08 @ 06:57:42

Tool Information

Drill Pipe:	Length: 3108.00 ft	Diameter: 3.80 inches	Volume: 43.60 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 523.00 ft	Diameter: 2.25 inches	Volume: 2.57 bbl	Weight to Pull Loose:	lb
			Total Volume: 46.17 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	3647.00 ft			Final	lb
Depth to Bottom Packer:	ft				
Interval between Packers:	43.00 ft				
Tool Length:	63.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			3632.00	
Hydraulic tool	5.00			3637.00	
Packer	5.00			3642.00	20.00 Bottom Of Top Packer
Packer	5.00			3647.00	
Stubb	1.00			3648.00	
Perforations	4.00			3652.00	
Change Over Sub	1.00			3653.00	
Recorder	0.00	6672	Inside	3653.00	
Drill Pipe	31.00			3684.00	
Change Over Sub	1.00			3685.00	
Recorder	0.00		Inside	3685.00	
Bullnose	5.00			3690.00	43.00 Bottom Packers & Anchor

Total Tool Length: 63.00

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TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Imperial American Operating Inc

Marcille #24-1

900 N Rd#14
Wichita KS 67212

24 8 26W Sheridan KS

Job Ticket: 25399

DST#: 1

ATTN: Randy Killian

Test Start: 2006.07.08 @ 06:57:42

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: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Free Oil	0.025
125.00	McO 80%M 20%O	0.615

Total Length: 130.00 ft

Total Volume: 0.640 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

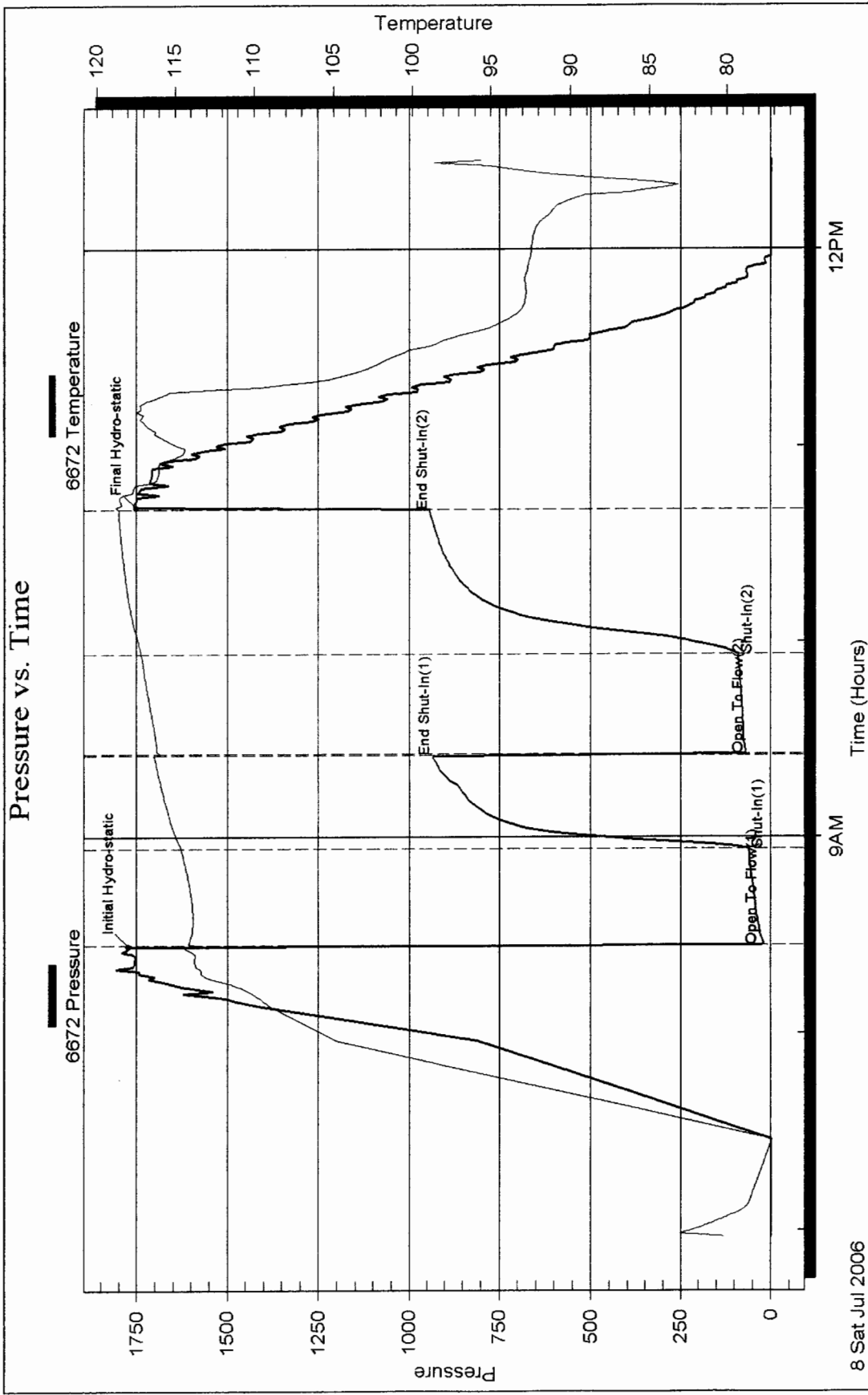
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

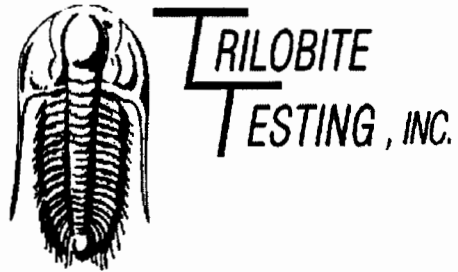


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Ref. No: 25399

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DRILL STEM TEST REPORT

Prepared For: **Imperial American Operating Inc**

900 N Rd#14
Wichita KS 67212

ATTN: Randy Killian

24 8 26W Sheridan KS

Marcille #24-1

Start Date: 2006.07.08 @ 17:50:14

End Date: 2006.07.08 @ 23:28:27

Job Ticket #: 25400 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Imperial American Operating Inc

900 N Rd#14
Wichita KS 67212

ATTN: Randy Killian

Marcille #24-1

24 8 26W Sheridan KS

Job Ticket: 25400

DST#: 2

Test Start: 2006.07.08 @ 17:50:14

GENERAL INFORMATION:

Formation: **LKC/ F**

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

Time Tool Opened: 19:26:42

Time Test Ended: 23:28:27

Test Type: **Bottom Hole**

Tester: **Michael Shinn**

Unit No: **22**

Interval: **3689.00 ft (KB) To 3712.00 ft (KB) (TVD)**

Total Depth: **3712.00 ft (KB) (TVD)**

Hole Diameter: **7.80 inches** Hole Condition: **Fair**

Reference Elevations: **2457.00 ft (KB)**

2452.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 6672 **Inside**

Press@RunDepth: **31.79 psig @ 3694.00 ft (KB)**

Start Date: **2006.07.08**

End Date:

2006.07.08

Start Time: **17:50:14**

End Time:

23:28:27

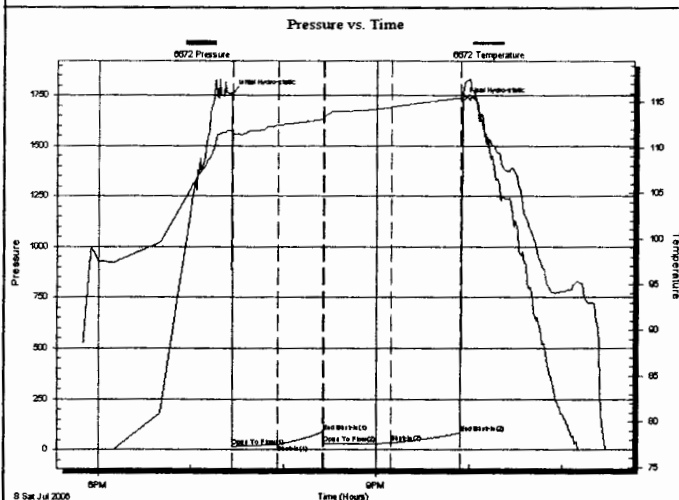
Capacity: **7000.00 psig**

Last Calib.: **2006.07.08**

Time On Btm: **2006.07.08 @ 19:26:12**

Time Off Btm: **2006.07.08 @ 21:55:12**

TEST COMMENT: IF Return blow to 1 in
IS No Return
FF Return blow to 1/4 in
ISI Return to surface blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1757.74	111.88	Initial Hydro-static
1	14.77	111.58	Open To Flow (1)
30	25.17	112.47	Shut-In (1)
59	87.27	113.13	End Shut-In (1)
60	29.43	113.24	Open To Flow (2)
104	31.79	114.46	Shut-In (2)
149	82.47	115.49	End Shut-In (2)
149	1721.60	116.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	McO 95% M 5% O	0.05

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Imperial American Operating Inc

Marcille #24-1

900 N Rd#14
Wichita KS 67212

24 8 26W Sheridan KS

Job Ticket: 25400

DST#: 2

ATTN: Randy Killian

Test Start: 2006.07.08 @ 17:50:14

Tool Information

Drill Pipe:	Length: 3170.00 ft	Diameter: 3.80 inches	Volume: 44.47 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 523.00 ft	Diameter: 2.25 inches	Volume: 2.57 bbl	Weight to Pull Loose:	80000.00 lb
		Total Volume:	47.04 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial	65000.00 lb
Depth to Top Packer:	3689.00 ft			Final	65000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	23.00 ft				
Tool Length:	43.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3674.00	
Hydraulic tool	5.00			3679.00	
Packer	5.00			3684.00	20.00 Bottom Of Top Packer
Packer	5.00			3689.00	
Stubb	1.00			3690.00	
Perforations	4.00			3694.00	
Recorder	0.00	6672	Inside	3694.00	
Perforations	13.00			3707.00	
Recorder	0.00		Inside	3707.00	
Bullnose	5.00			3712.00	23.00 Bottom Packers & Anchor
Total Tool Length:	43.00				

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DRILL STEM TEST REPORT

FLUID SUMMARY

Imperial American Operating Inc

Marcille #24-1

900 N Rd#14
Wichita KS 67212

24 8 26W Sheridan KS

Job Ticket: 25400

DST#: 2

ATTN: Randy Killian

Test Start: 2006.07.08 @ 17:50:14

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: 48.00 sec/qt

Cushion Volume: bbl

Water Loss: 8.74 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	McO 95%M 5%O	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

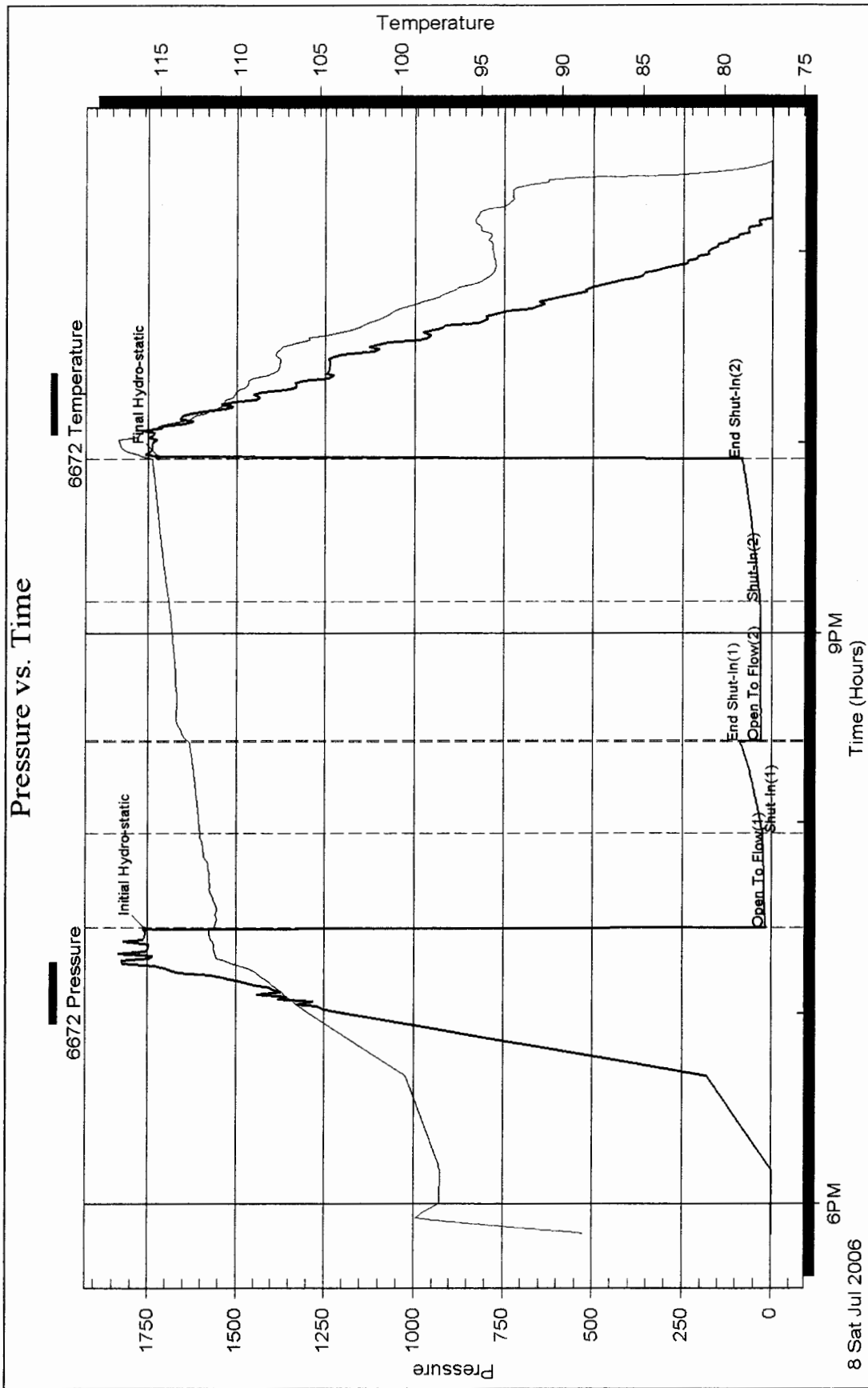
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

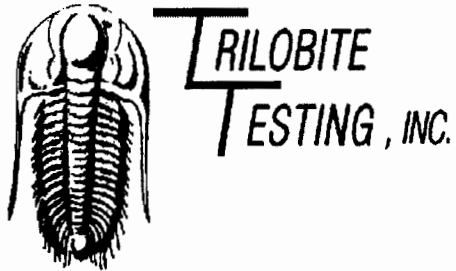
Recovery Comments:



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SEP 22 2006
CONFIDENTIAL

DRILL STEM TEST REPORT

Prepared For: **Imperial American Operating Inc**

900 N Rd#14
Wichita KS 67212

ATTN: Randy Killian

24 8 26W Sheridan KS

Marcille #24-1

Start Date: 2006.07.09 @ 09:06:18

End Date: 2006.07.09 @ 15:14:16

Job Ticket #: 24176 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Imperial American Operating Inc

900 N Rd#14
Wichita KS 67212

ATTN: Randy Killian

Marcille #24-1

24 8 26W Sheridan KS

Job Ticket: 24176

DST#: 3

Test Start: 2006.07.09 @ 09:06:18

GENERAL INFORMATION:

Formation: **Lansing H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:27:46

Time Test Ended: 15:14:16

Test Type: Bottom Hole

Tester: Paul Simpson

Unit No: 22

Interval: **3738.00 ft (KB) To 3770.00 ft (KB) (TVD)**

Total Depth: 3770.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 2457.00 ft (KB)

2452.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6672 Inside

Press@RunDepth: 157.23 psig @ 3743.00 ft (KB)

Start Date: 2006.07.09

End Date: 2006.07.09

Start Time: 09:06:18

End Time: 15:14:16

Capacity: 7000.00 psig

Last Calib.: 2006.03.09

Time On Btm: 2006.07.09 @ 10:27:31

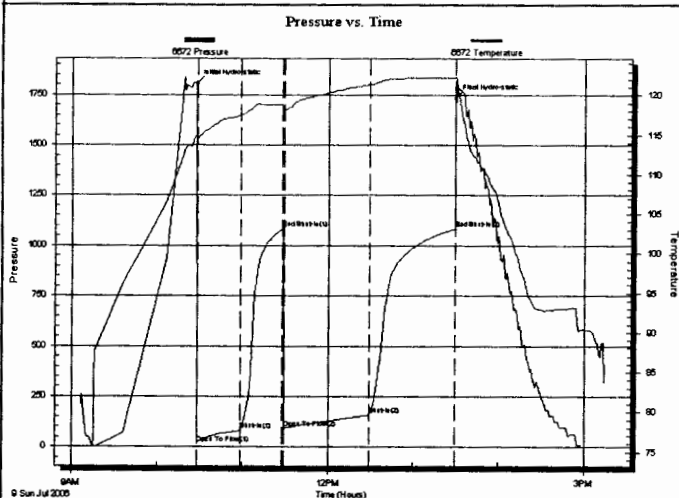
Time Off Btm: 2006.07.09 @ 13:29:46

TEST COMMENT: IF 1/2 " blow building to bottom of bucket in 15 min

ISI Weak surface blow

FF 2 " blow building to bottom of bucket in 15 min

FSI 1/2 " blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1806.92	114.95	Initial Hydro-static
1	17.72	114.61	Open To Flow (1)
31	81.29	117.49	Shut-In (1)
61	1083.73	118.83	End Shut-In (1)
62	94.26	118.40	Open To Flow (2)
122	157.23	121.38	Shut-In (2)
182	1082.78	122.25	End Shut-In (2)
183	1731.83	122.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	Gsy MCO 15%G 55%O 30%M	0.89
220.00	Gassy Oil 20%G 80%O	1.08
0.00	570' GIP	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

Imperial American Operating Inc

Marcille #24-1

900 N Rd#14
Wichita KS 67212

24 8 26W Sheridan KS

Job Ticket: 24176

DST#: 3

ATTN: Randy Killian

Test Start: 2006.07.09 @ 09:06:18

Tool Information

Drill Pipe:	Length: 3200.00 ft	Diameter: 3.80 inches	Volume: 44.89 bbl	Tool Weight:	1500.00 lb		
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb		
Drill Collar:	Length: 523.00 ft	Diameter: 2.25 inches	Volume: 2.57 bbl	Weight to Pull Loose:	80000.00 lb		
			Total Volume:	47.46 bbl	Tool Chased	ft	
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	66000.00 lb	Final	70000.00 lb
Depth to Top Packer:	3738.00 ft						
Depth to Bottom Packer:	ft						
Interval between Packers:	32.00 ft						
Tool Length:	52.00 ft						
Number of Packers:	2	Diameter:	6.75 inches				
Tool Comments:							

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3723.00	
Hydraulic tool	5.00			3728.00	
Packer	5.00			3733.00	20.00 Bottom Of Top Packer
Packer	5.00			3738.00	
Stubb	1.00			3739.00	
Perforations	4.00			3743.00	
Recorder	0.00	6672	Inside	3743.00	
Perforations	22.00			3765.00	
Recorder	0.00	11020	Outside	3765.00	
Bullnose	5.00			3770.00	32.00 Bottom Packers & Anchor
Total Tool Length:	52.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Imperial American Operating Inc

Marcille #24-1

900 N Rd#14
Wichita KS 67212

24 8 26W Sheridan KS

Job Ticket: 24176

DST#: 3

ATTN: Randy Killian

Test Start: 2006.07.09 @ 09:06:18

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.74 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	Gsy MCO 15%G 55%O 30%M	0.885
220.00	Gassy Oil 20%G 80%O	1.082
0.00	570 ' GIP	0.000

Total Length: 400.00 ft

Total Volume: 1.967 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

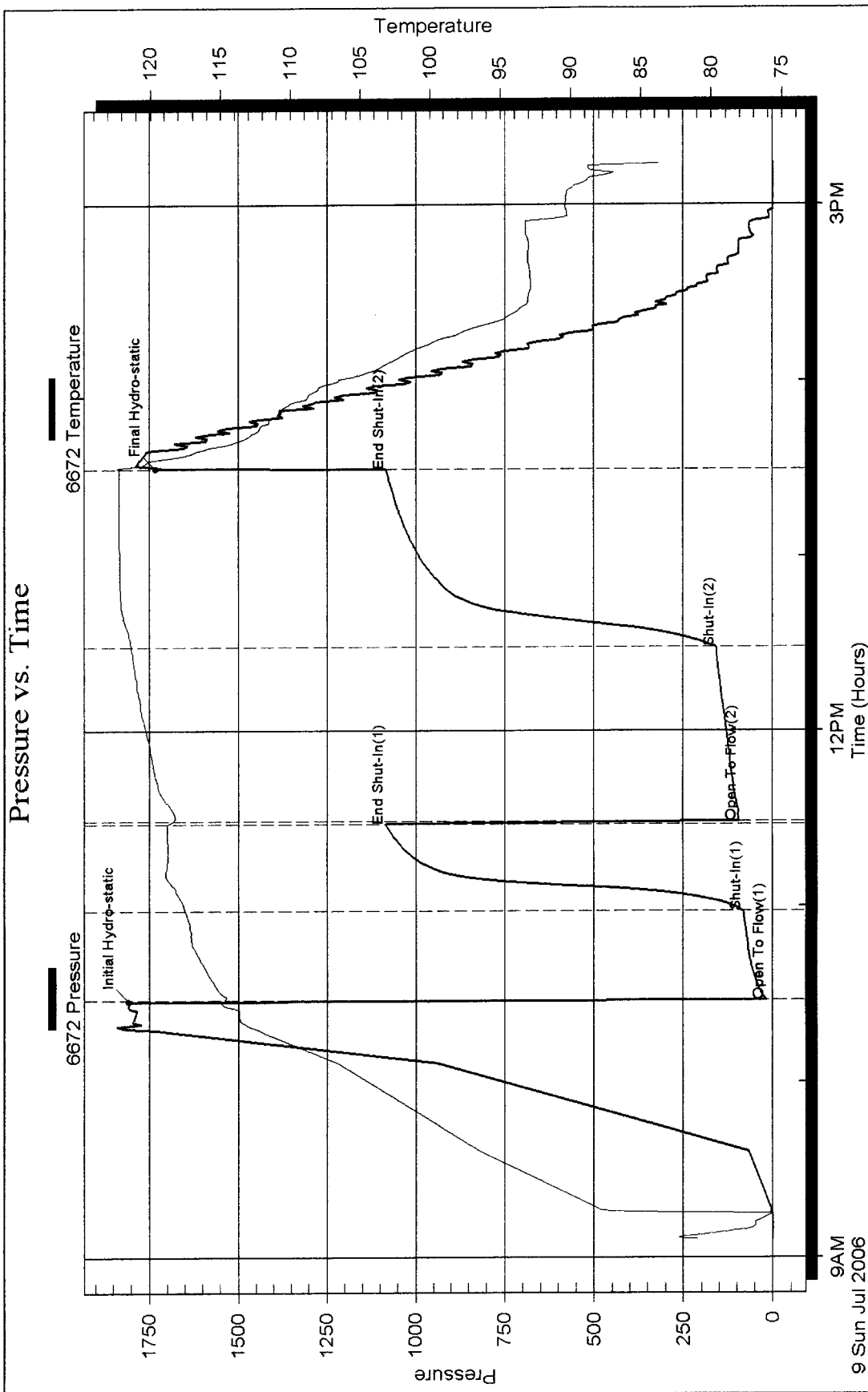
Serial #:

Laboratory Name:

Laboratory Location:

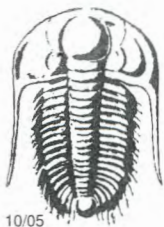
Recovery Comments: 41@80

Pressure vs. Time



Dst
#1
DNOC

Dst
#2
DNOC



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25399

Test Ticket

Well Name & No. Marcella #24-1 Test No. 1 Date 7-8-06
 Company I.A. Operating Inc. Zone Tested LKC / C-D
 Address 900 N Tyler Rd #14, Wichita, KS 67212 Elevation 2457 KB 2455 GL
 Co. Rep / Geo. Randy Killian Rig Murphy Dilling Co. Rig #3
 Location: Sec. 24 Twp. S85 Rge. 26W Co. Sheridan State KS
 Comment: _____ Release date / time: _____

Interval Tested 3647' 3690' Initial Str Wt./Lbs. 62,000 Unseated Str Wt./Lbs. 68,000
 Anchor Length 43' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 24,000
 Top Packer Depth 3642' Tool Weight 1,500
 Bottom Packer Depth 3647' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3690' Wt. Pipe Run ✓ Drill Collar Run 523'
 Mud Wt. 9.1 LCM Force Vis. 48 WL 8.8 Drill Pipe Size _____ Ft. Run 3108'

Blow Description IF, Return Surface blow, died in 1 min.

IS, No Return

FF, No Blow

ISI, No Return

*Hole in my hose!

Recovery - Total Feet 130' GIP _____ Ft. in DC _____ Ft. in DP _____
 Rec. 5' Feet of Free Oil %gas 100 %oil _____ %water _____ %mud _____
 Rec. 125' Feet of Mud %gas 10 %oil _____ %water 80 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 118 °F Gravity 31 °API D @ 90 °F Corrected Gravity 28 °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 1500 ppm System

(A) Initial Hydrostatic Mud	<u>1792</u> PSI	Recorder No.	<u>6672</u>	Test x <u>4,000</u> ^{or}
(B) First Initial Flow Pressure	<u>32</u> PSI	(depth)	<u>3647</u>	Jars _____
(C) First Final Flow Pressure	<u>61</u> PSI	Recorder No.	_____	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>936</u> PSI	(depth)	_____	Circ Sub <u>NIC</u>
(E) Second Initial Flow Pressure	<u>70</u> PSI	Recorder No.	<u>11020</u>	Sampler _____
(F) Second Final Flow Pressure	<u>89</u> PSI	(depth)	<u>3685</u>	Straddle _____
(G) Final Shut-In Pressure	<u>943</u> PSI	Initial Opening	<u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1751</u> PSI	Initial Shut-In	<u>30</u>	Shale Packer _____

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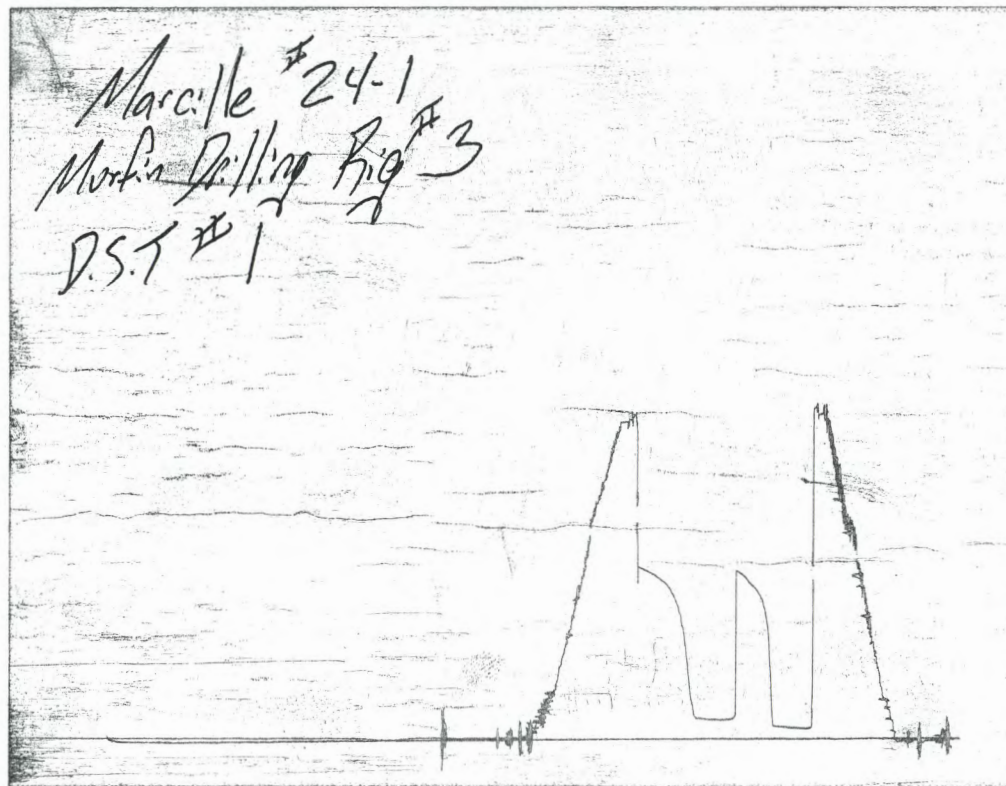
Approved By _____

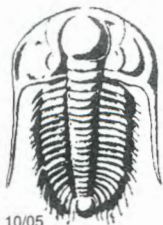
Our Representative [Signature]

Final Flow 30
 Final Shut-In 45
 T-On Location 06:15 a.m.
 T-Started 06:53 a.m.
 T-Open 08:23 a.m.
 T-Pulled 10:38 a.m.
 T-Out 12:30 p.m.
 Test x 4,000 ^{or}
 Jars _____
 Safety Jt. _____
 Circ Sub NIC
 Sampler _____
 Straddle _____
 Ext. Packer _____
 Shale Packer _____
 Ruined Packer _____
 Mileage 230 / 287.50
 Sub Total: 1287.50
 Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: _____

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25400

Test Ticket

Well Name & No. <u>Marcille #24-1</u>	Test No. <u>2</u>	Date <u>7-08-06</u>
Company <u>IA Operating Inc.</u>	Zone Tested <u>LKC / F</u>	
Address <u>900 N Tyler Rd #14, Wichita, KS 67212</u>	Elevation <u>2452</u> KB <u>2455</u> GL	
Co. Rep / Geo. <u>Randy Killian</u>	Rig <u>Martin Drilling Co Rig #3</u>	
Location: Sec. <u>24</u> Twp. <u>8S</u> Rge. <u>26W</u>	Co. <u>Sheridan</u>	State <u>KS</u>
Comment: _____		Release date / time: _____

Interval Tested <u>3689'</u>	<u>3712'</u>	Initial Str Wt./Lbs. <u>65,000</u>	Unseated Str Wt/Lbs. _____
Anchor Length <u>23'</u>		Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>80,000</u>
Top Packer Depth <u>3684'</u>		Tool Weight <u>1500</u>	
Bottom Packer Depth <u>3689'</u>		Hole Size <u>7 7/8"</u> ✓	Rubber Size <u>6 3/4"</u> ✓
Total Depth <u>3712'</u>		Wt. Pipe Run <u>✓</u>	Drill Collar Run <u>523'</u>
Mud Wt. <u>9.1</u> LCM <u>Trace</u> Vis. <u>48</u> WL <u>8.8</u>		Drill Pipe Size <u>4 1/2 x H</u>	Ft. Run <u>3120'</u>

Blow Description EF, Return blow to 1 in.

IS, No Return

FF, Return blow to 1/4 in

ISI, Return to Surface blow

Recovery - Total Feet <u>10'</u>	GIP _____	Ft. in DC _____	Ft. in DP _____
Rec. <u>10'</u>	Feet of <u>M.C.O</u>	%gas <u>5</u> %oil _____	%water <u>95</u> %mud _____
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
BHT <u>115</u>	*F Gravity _____	*API D @ _____	*F Corrected Gravity _____
RW _____ @ _____	*F Chlorides _____	ppm Recovery _____	Chlorides <u>1500</u> ppm System

(A) Initial Hydrostatic Mud	AK-1 <u>1819</u> PSI	Alpine	Recorder No. <u>6672</u>	Test <u>X¹/1000.09</u>
(B) First Initial Flow Pressure	<u>15</u> PSI		(depth) <u>3689'</u>	Jars _____
(C) First Final Flow Pressure	<u>25</u> PSI		Recorder No. _____	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>87</u> PSI		(depth) _____	Circ Sub <u>X N/C</u>
(E) Second Initial Flow Pressure	<u>29</u> PSI		Recorder No. <u>11020</u>	Sampler _____
(F) Second Final Flow Pressure	<u>32</u> PSI		(depth) <u>3707</u>	Straddle _____
(G) Final Shut-In Pressure	<u>82</u> PSI	Initial Opening	<u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1722</u> PSI	Initial Shut-In	<u>30</u>	Shale Packer _____

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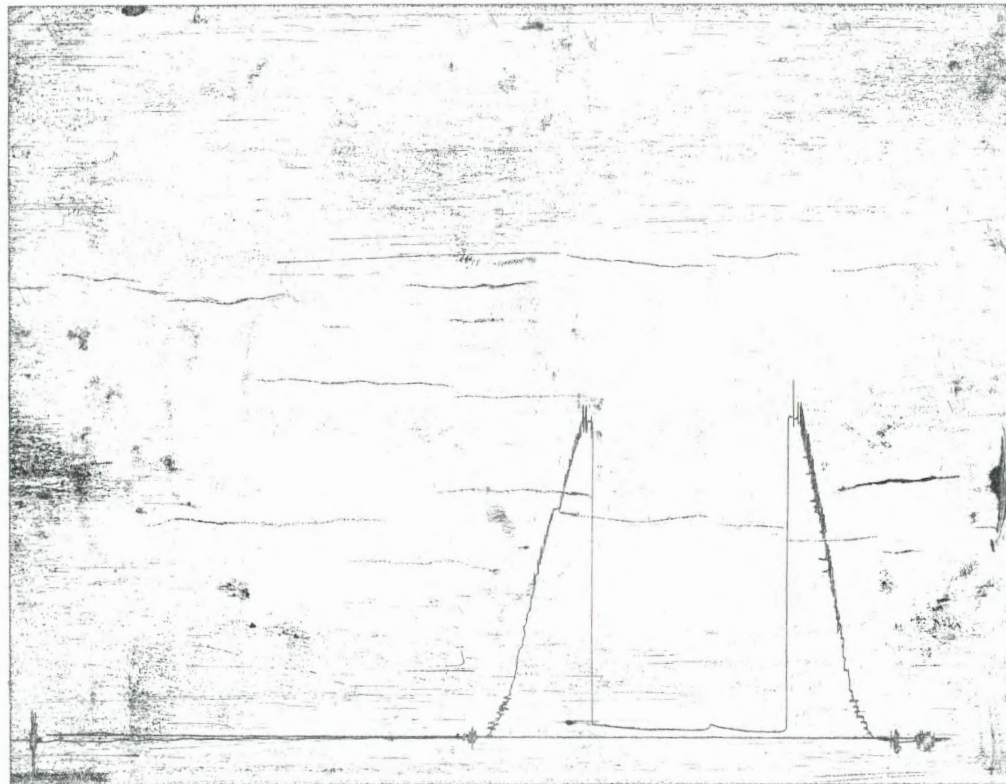
Approved By _____

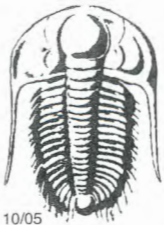
Our Representative [Signature]

Final Flow	<u>45</u>	Ruined Packer	_____
Final Shut-In	<u>45</u>	Mileage <u>X-230 + 39.75</u>	<u>39.75</u>
T-On Location	<u>17:30 p.m.</u>	Sub Total:	<u>1075</u>
T-Started	<u>18:05 p.m.</u>	Std. By	_____
T-Open	<u>19:40 p.m.</u>	Acc. Chg:	_____
T-Pulled	<u>22:10 p.m.</u>	Other:	_____
T-Out	<u>23:30 p.m.</u>	Total:	_____

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 24176

Test Ticket

Well Name & No. Marquette 24-1 Test No. 3 Date 7/9/08
 Company IA Operating, Inc Zone Tested LKC H
 Address Randy Kilian Elevation 2457 KB 2452 GL
 Co. Rep / Geo. Randy Kilian Rig Murphy #3
 Location: Sec. 24 Twp. 8S Rge. 26W Co. Sheldon State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3738 - 3770 Initial Str Wt./Lbs. 66,000 Unseated Str Wt./Lbs. 70,000
 Anchor Length 32 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 50,000
 Top Packer Depth 3733 Tool Weight 2200
 Bottom Packer Depth 3738 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3770 Wt. Pipe Run _____ Drill Collar Run 523
 Mud Wt. 9.1 LCM _____ Vis. 60 WL 8.0 Drill Pipe Size 4 1/2 X 4 Ft. Run _____
 Blow Description 1" blow building to bottom of bucket in 15 minutes
1st week surface blow
2" blow building to bottom of bucket in 15 minutes
1/2" blow
 Recovery - Total Feet 400 GIP 570 Ft. in DC 400 Ft. in DP _____
 Rec. 180 Feet of 65% MCO 15 %gas 55 %oil _____ %water 30 %mud _____
 Rec. 220 Feet of 65% Oil 20 %gas 80 %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 112 °F Gravity 41 °API D @ 80 °F Corrected Gravity 39 °API _____
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides _____ ppm System _____

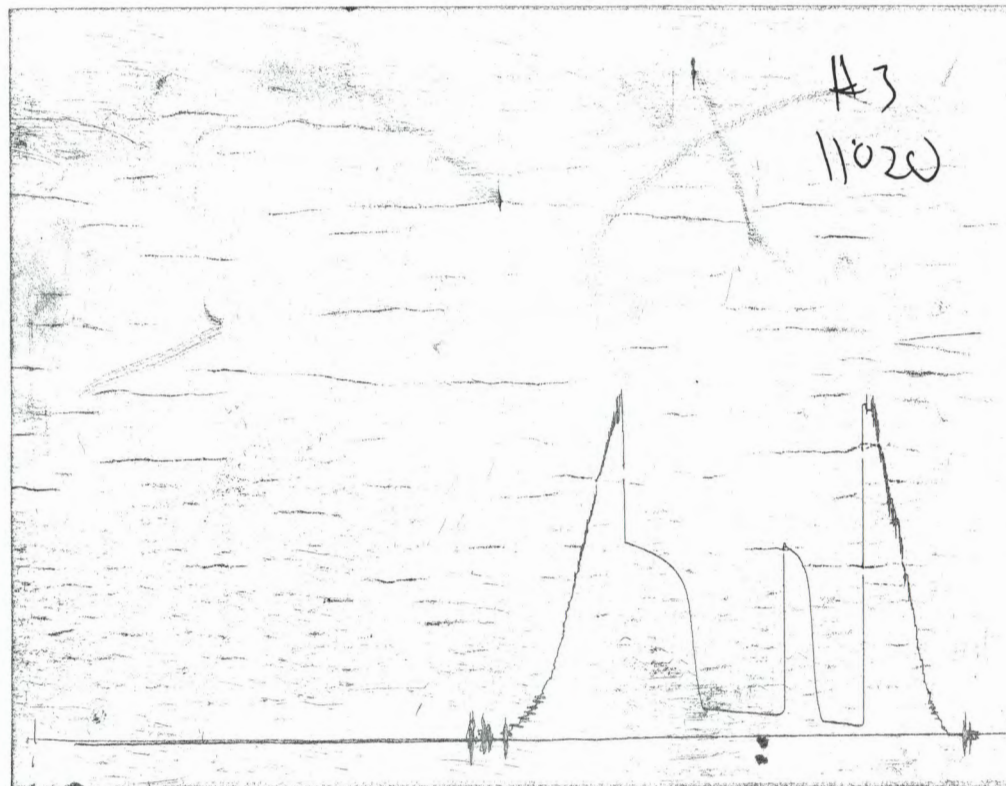
AK-1 Alpine
 (A) Initial Hydrostatic Mud 180 PSI Recorder No. 6672 Test _____ 1000
 (B) First Initial Flow Pressure 18 PSI (depth) 3743 Jars _____
 (C) First Final Flow Pressure 81 PSI Recorder No. 3765 Safety Jt. _____
 (D) Initial Shut-In Pressure 1084 PSI (depth) 11020 Circ Sub _____
 (E) Second Initial Flow Pressure 94 PSI Recorder No. _____ Sampler _____
 (F) Second Final Flow Pressure 157 PSI (depth) _____ Straddle _____
 (G) Final Shut-In Pressure 1083 PSI Initial Opening 30 Ext. Packer _____
 (Q) Final Hydrostatic Mud 1732 PSI Initial Shut-In 30 Shale Packer _____
 Final Flow 60 Ruined Packer _____
 Final Shut-In 60 Mileage 6 75.1
 T-On Location Sub Total: 1075
 T-Started 0906 Std. By 2
 T-Open 1027 Acc. Chg: _____
 T-Pulled 1323 Other: _____
 T-Out _____ Total: _____

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Approved By Paul Simpson
 Our Representative _____

CHART PAGE

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



Trilobite Testing

From: "Julie" <julie.b@imperialamericanoil.com>
To: "Trilobite Testing, Inc" <trilobite@eaglecom.net>
Sent: Monday, July 10, 2006 9:25 AM
Subject: FW: Marcille 24-1

-----Original Message-----

From: Julie [mailto:julie.b@imperialamericanoil.com]
Sent: Monday, July 10, 2006 9:17 AM
To: 'rhleeth@swbell.net'; 'trilobite@eaglecom.net'
Subject: Marcille 24-1

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