

CONFIDENTIAL

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TRILOBITE
TESTING, INC.

KCC
JUL 29 2005
CONFIDENTIAL

DRILL STEM TEST REPORT

Prepared For: **Imperial American Oil Corp.**

900 N Tyler RD
Wichita KS 67212

ATTN: Randy Killian

18-14s-20w Ellis

Ruth 18-1

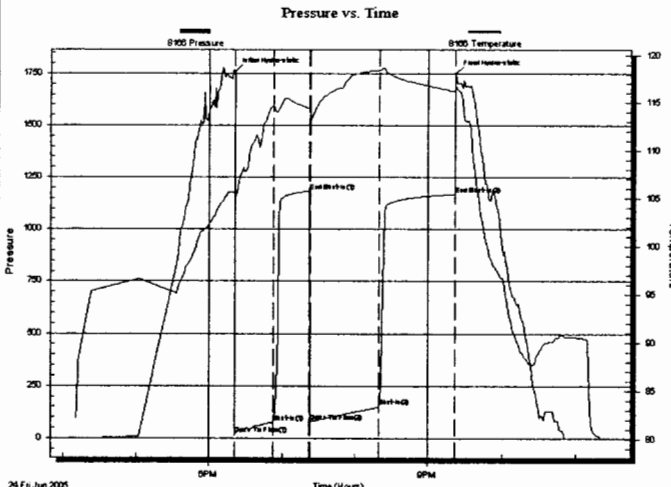
Start Date: 2005.06.24 @ 16:10:43

End Date: 2005.06.24 @ 23:22:58

Job Ticket #: 22843

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 Oil Corp. 900 N Tyler RD Wichita KS 67212 ATTN: Randy Killian		Ruth 18-1 18-14s-20w Ellis Job Ticket: 22843 DST#: 1 Test Start: 2005.06.24 @ 16:10:43																																													
GENERAL INFORMATION:																																															
Formation: KC Deviated: No Whipstock: ft (KB) Time Tool Opened: 18:21:28 Time Test Ended: 23:22:58 Interval: 3584.00 ft (KB) To 3625.00 ft (KB) (TVD) Total Depth: 3625.00 ft (KB) (TVD) Hole Diameter: 7.88 inches Hole Condition: Fair		Test Type: Conventional Bottom Hole Tester: Michael Unit No: 15 Reference Elevations: 2248.00 ft (KB) 2243.00 ft (CF) KB to GR/CF: 5.00 ft																																													
Serial #: 8166 Inside																																															
Press@RunDepth: 150.76 psig @ 3585.00 ft (KB) Start Date: 2005.06.24 End Date: 2005.06.24 Start Time: 16:10:44 End Time: 23:22:58		Capacity: 7000.00 psig Last Calib.: 2005.06.24 Time On Btm: 2005.06.24 @ 18:21:13 Time Off Btm: 2005.06.24 @ 21:22:28																																													
TEST COMMENT: IF- Bottom of bucket 29 min IS- no blow back FF- Bottom of the bucket 27 min FS- 1" blow back																																															
 24 Fri Jun 2005		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">PRESSURE SUMMARY</th> </tr> <tr> <th style="text-align: center;">Time (Min.)</th> <th style="text-align: center;">Pressure (psig)</th> <th style="text-align: center;">Temp (deg F)</th> <th style="text-align: left;">Annotation</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">0</td><td style="text-align: center;">1759.66</td><td style="text-align: center;">105.64</td><td>Initial Hydro-static</td></tr> <tr><td style="text-align: center;">1</td><td style="text-align: center;">17.42</td><td style="text-align: center;">105.14</td><td>Open To Flow (1)</td></tr> <tr><td style="text-align: center;">31</td><td style="text-align: center;">75.15</td><td style="text-align: center;">114.65</td><td>Shut-In(1)</td></tr> <tr><td style="text-align: center;">61</td><td style="text-align: center;">1181.17</td><td style="text-align: center;">114.36</td><td>End Shut-In(1)</td></tr> <tr><td style="text-align: center;">62</td><td style="text-align: center;">78.05</td><td style="text-align: center;">114.06</td><td>Open To Flow (2)</td></tr> <tr><td style="text-align: center;">119</td><td style="text-align: center;">150.76</td><td style="text-align: center;">118.40</td><td>Shut-In(2)</td></tr> <tr><td style="text-align: center;">181</td><td style="text-align: center;">1169.13</td><td style="text-align: center;">116.20</td><td>End Shut-In(2)</td></tr> <tr><td style="text-align: center;">182</td><td style="text-align: center;">1748.39</td><td style="text-align: center;">116.42</td><td>Final Hydro-static</td></tr> </tbody> </table>		PRESSURE SUMMARY				Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation	0	1759.66	105.64	Initial Hydro-static	1	17.42	105.14	Open To Flow (1)	31	75.15	114.65	Shut-In(1)	61	1181.17	114.36	End Shut-In(1)	62	78.05	114.06	Open To Flow (2)	119	150.76	118.40	Shut-In(2)	181	1169.13	116.20	End Shut-In(2)	182	1748.39	116.42	Final Hydro-static				
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Imperial American Oil Corp.

Ruth 18-1

900 N Tyler RD
Wichita KS 67212

18-14s-20w Ellis

Job Ticket: 22843

DST#: 1

ATTN: Randy Killian

Test Start: 2005.06.24 @ 16:10:43

Tool Information

Drill Pipe:	Length: 3563.00 ft	Diameter: 3.80 inches	Volume: 49.98 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.25 inches	Volume: - bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume:	- bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3584.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	41.00 ft			
Tool Length:	62.00 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			3564.00	
Shut In Tool	5.00			3569.00	
Hydraulic tool	5.00			3574.00	
Packer	5.00			3579.00	21.00 Bottom Of Top Packer
Packer	5.00			3584.00	
Blank Spacing	1.00			3585.00	
Recorder	0.00	8166	Inside	3585.00	
Perforations	37.00			3622.00	
Recorder	0.00	11020	Outside	3622.00	
Bullhose	3.00			3625.00	41.00 Bottom Packers & Anchor
Total Tool Length:	62.00				

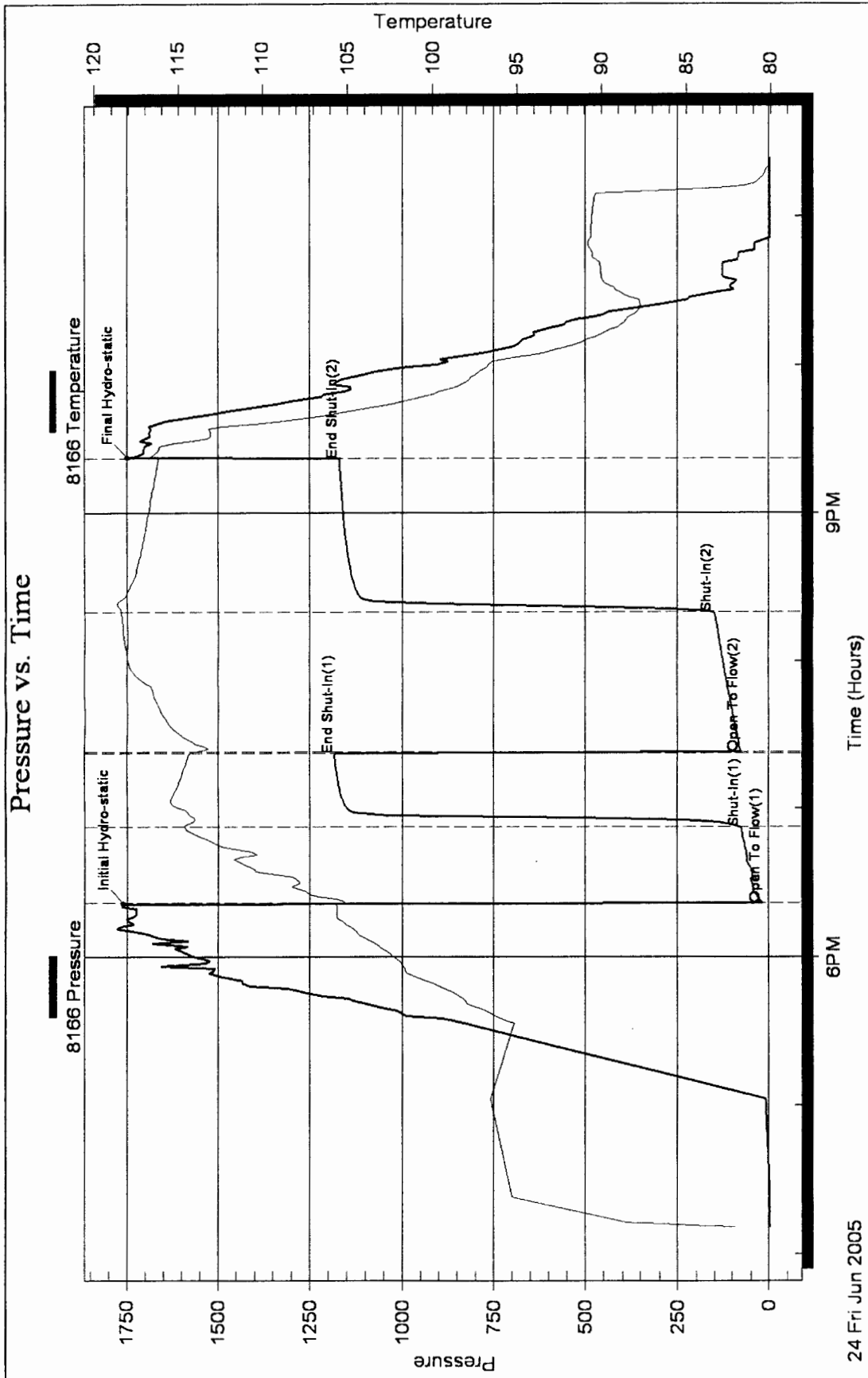
 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT		FLUID SUMMARY
	Imperial American Oil Corp. 900 N Tyler RD Wichita KS 67212 ATTN: Randy Killian		Ruth 18-1 18-14s-20w Ellis Job Ticket: 22843 DST#: 1 Test Start: 2005.06.24 @ 16:10:43

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: 42.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.38 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information		
Recovery Table		
Length ft	Description	Volume bbl
180.00	Salt water	2.252
60.00	oil cut muddy water 20%o 40%m 40%w	0.842
45.00	mud & water cut oil 20%m 30%w 50%o	0.631

Total Length: 285.00 ft	Total Volume: 3.725 bbl	
Num Fluid Samples: 0	Num Gas Bombs: 0	Serial #:
Laboratory Name:	Laboratory Location:	
Recovery Comments:		

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Imperial American Oil Corp.**

900 N Tyler RD
Wichita KS 67212

ATTN: Randy Killian

18-14s-20w Ellis

Ruth 18-1

Start Date: 2005.06.25 @ 07:30:00

End Date: 2005.06.25 @ 14:09:30

Job Ticket #: 22844 DST #: 2

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

Imperial American Oil Corp.

Ruth 18-1

18-14s-20w Ellis

DST # 2

KC-F-G

2005.06.25

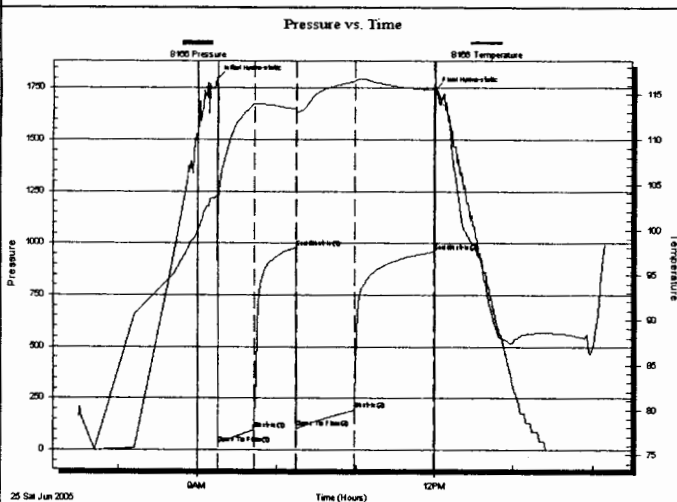
 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT	
	Imperial American Oil Corp.	Ruth 18-1
	900 N Tyler RD Wichita KS 67212	18-14s-20w Ellis
	ATTN: Randy Killian	Job Ticket: 22844 DST#: 2 Test Start: 2005.06.25 @ 07:30:00

GENERAL INFORMATION:

Formation: KC- F-G Deviated: No Whipstock: ft (KB) Time Tool Opened: 09:15:30 Time Test Ended: 14:09:30 Interval: 3627.00 ft (KB) To 3670.00 ft (KB) (TVD) Total Depth: 3625.00 ft (KB) (TVD) Hole Diameter: 7.88 inches Hole Condition: Fair	Test Type: Conventional Bottom Hole Tester: Michael Unit No: 15 Reference Elevations: 2248.00 ft (KB) 2243.00 ft (CF) KB to GR/CF: 5.00 ft
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Serial #: 8166**Inside**

Press@RunDepth: 194.65 psig @ 3628.00 ft (KB)	Capacity: 7000.00 psig
Start Date: 2005.06.25	Last Calib.: 2005.06.25
Start Time: 07:30:01	Time On Btm: 2005.06.25 @ 09:15:15
End Date: 2005.06.25	Time Off Btm: 2005.06.25 @ 11:59:30
End Time: 14:09:30	

TEST COMMENT:**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1794.86	103.67	Initial Hydro-static
1	27.52	103.18	Open To Flow (1)
28	97.18	113.95	Shut-In(1)
59	980.45	113.39	End Shut-In(1)
60	107.97	113.07	Open To Flow (2)
103	194.65	116.51	Shut-In(2)
164	960.11	115.54	End Shut-In(2)
165	1740.46	115.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	Salt water	2.25
120.00	water & mud cut oil 10%w 10%o 80%o	1.68
60.00	Clean gassy oil 20%g 80%o	0.84
0.00	750 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 Oil Corp.

Ruth 18-1

900 N Tyler RD
Wichita KS 67212

18-14s-20w Ellis

Job Ticket: 22844

DST#: 2

ATTN: Randy Killian

Test Start: 2005.06.25 @ 07:30:00

Tool Information

Drill Pipe:	Length: 3597.00 ft	Diameter: 3.80 inches	Volume: 50.46 bbl	Tool Weight: 2000.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: lb
			Total Volume: 50.61 bbl	Tool Chased ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3627.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	64.00 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			3607.00	
Shut In Tool	5.00			3612.00	
Hydraulic tool	5.00			3617.00	
Packer	5.00			3622.00	21.00 Bottom Of Top Packer
Packer	5.00			3627.00	
Blank Spacing	1.00			3628.00	
Recorder	0.00	8166	Inside	3628.00	
Perforations	39.00			3667.00	
Recorder	0.00	11020	Outside	3667.00	
Bullnose	3.00			3670.00	43.00 Bottom Packers & Anchor
Total Tool Length:	64.00				

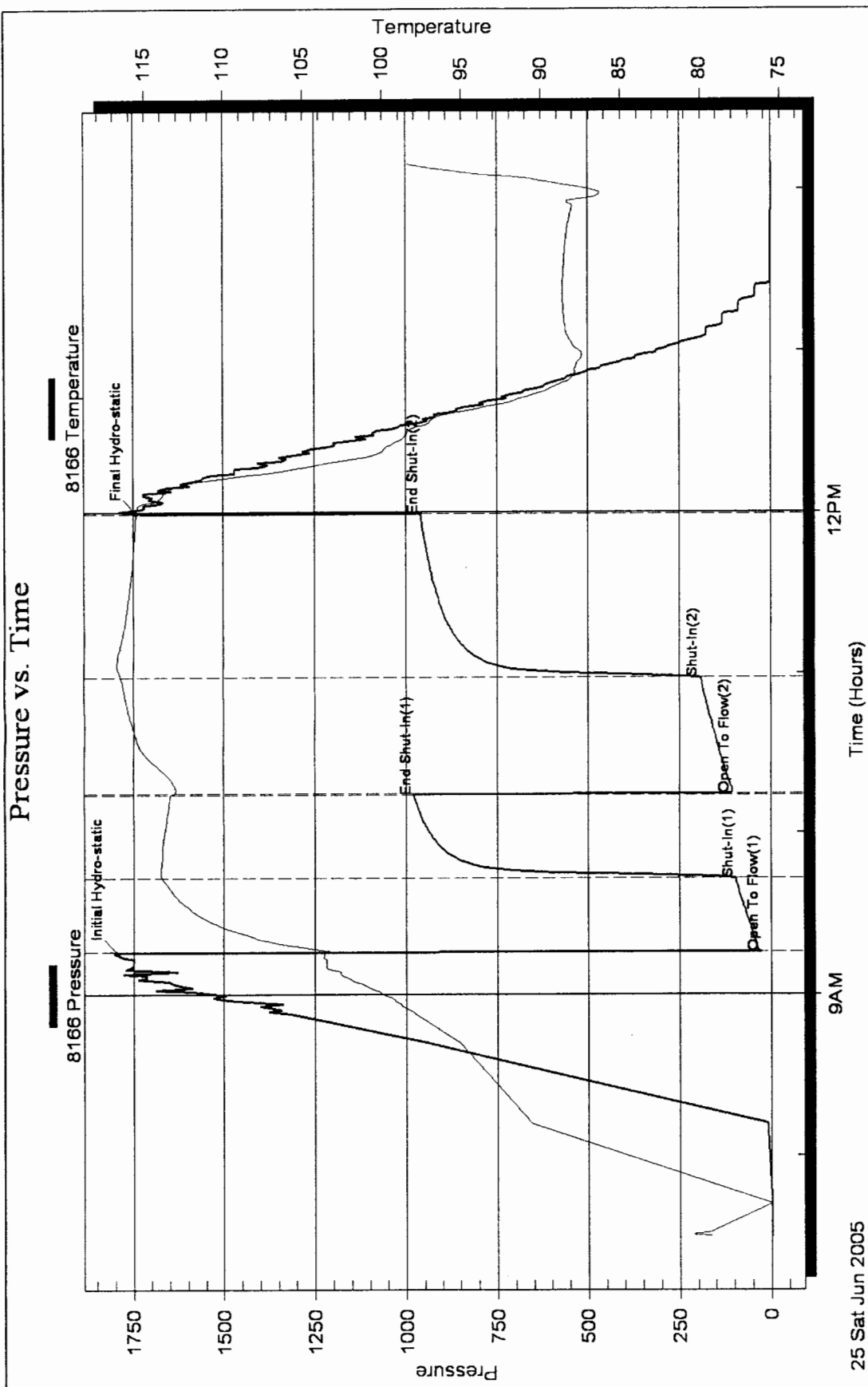
 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT		FLUID SUMMARY
	Imperial American Oil Corp. 900 N Tyler RD Wichita KS 67212 ATTN: Randy Killian	Ruth 18-1 18-14s-20w Ellis Job Ticket: 22844 DST#: 2 Test Start: 2005.06.25 @ 07:30:00	

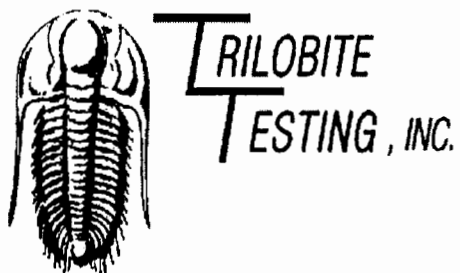
Mud and Cushion Information			
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information		
Recovery Table		
Length ft	Description	Volume bbl
180.00	Salt water	2.252
120.00	water & mud cut oil 10%w 10%m 80%o	1.683
60.00	Clean gassy oil 20%g 80%o	0.842
0.00	750 GIP	0.000

Total Length: 360.00 ft	Total Volume: 4.777 bbl
Num Fluid Samples: 0	Num Gas Bombs: 0 Serial #:
Laboratory Name:	Laboratory Location:
Recovery Comments:	

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Imperial American Oil Corp.**

900 N Tyler RD
Wichita KS 67212

ATTN: Randy Killian

18-14s-20w Ellis

Ruth 18-1

Start Date: 2005.06.26 @ 01:50:58

End Date: 2005.06.26 @ 08:26:28

Job Ticket #: 22845 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 Oil Corp.

Ruth 18-1

900 N Tyler RD
Wichita KS 67212

18-14s-20w Ellis

Job Ticket: 22845

DST#: 3

ATTN: Randy Killian

Test Start: 2005.06.26 @ 01:50:58

GENERAL INFORMATION:

Formation: LKC

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:25:28

Time Test Ended: 08:26:28

Test Type: Conventional Bottom Hole

Tester: Michael

Unit No: 15

Interval: 3688.00 ft (KB) To 3775.00 ft (KB) (TVD)

Reference Elevations: 2248.00 ft (KB)

Total Depth: 3775.00 ft (KB) (TVD)

2243.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8166

Inside

Press@RunDepth: 75.45 psig @ 3699.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2005.06.26

End Date:

2005.06.26

Last Calib.: 2005.06.26

Start Time: 01:50:59

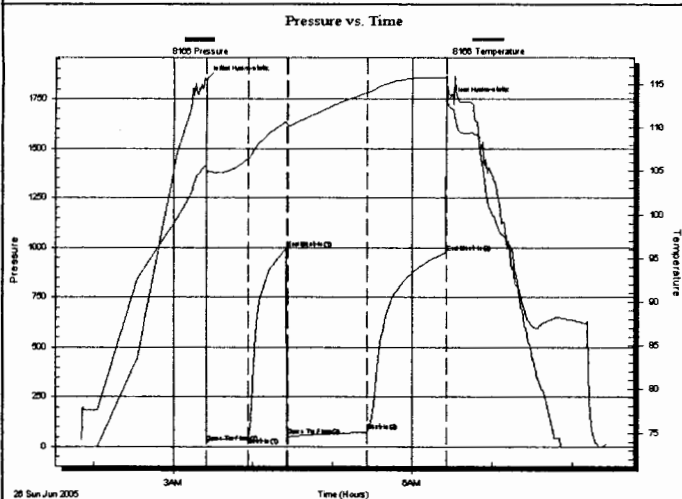
End Time:

08:26:28

Time On Btm: 2005.06.26 @ 03:25:13

Time Off Btm: 2005.06.26 @ 06:26:13

TEST COMMENT: IF - Slow building 5" blow
ISL - no blow
FF - 1" blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1845.20	105.57	Initial Hydro-static
1	19.11	104.70	Open To Flow (1)
31	47.04	106.41	Shut-In (1)
61	992.17	110.72	End Shut-In (1)
61	51.03	110.44	Open To Flow (2)
121	75.45	114.08	Shut-In (2)
181	974.65	115.79	End Shut-In (2)
181	1739.60	116.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Watery oil 50/50	1.41
5.00	clean oil	0.07

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 Oil Corp.

Ruth 18-1

900 N Tyler RD
Wichita KS 67212

18-14s-20w Ellis

Job Ticket: 22845

DST#: 3

ATTN: Randy Killian

Test Start: 2005.06.26 @ 01:50:58

Tool Information

Drill Pipe:	Length:	3659.00 ft	Diameter:	3.80 inches	Volume:	51.33 bbl	Tool Weight:	2000.00 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:	30.00 ft	Diameter:	2.25 inches	Volume:	0.15 bbl	Weight to Pull Loose:	lb
					Total Volume:	51.48 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	22.00 ft					String Weight: Initial	55000.00 lb	
Depth to Top Packer:	3688.00 ft					Final	lb	
Depth to Bottom Packer:	ft							
Interval between Packers:	87.00 ft							
Tool Length:	108.00 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			3668.00	
Shut In Tool	5.00			3673.00	
Hydraulic tool	5.00			3678.00	
Packer	5.00			3683.00	21.00 Bottom Of Top Packer
Packer	5.00			3688.00	
Blank Spacing	1.00			3689.00	
Perforations	9.00			3698.00	
Change Over Sub	1.00			3699.00	
Recorder	0.00	8166	Inside	3699.00	
Drill Pipe	62.00			3761.00	
Change Over Sub	1.00			3762.00	
Recorder	0.00	10991	Outside	3762.00	
Perforations	10.00			3772.00	
Bullnose	3.00			3775.00	87.00 Bottom Packers & Anchor

Total Tool Length: 108.00

 TRILOBITE TESTING, INC	DRILL STEM TEST REPORT		FLUID SUMMARY
	Imperial American Oil Corp. 900 N Tyler RD Wichita KS 67212 ATTN: Randy Killian		Ruth 18-1 18-14s-20w Ellis Job Ticket: 22845 DST#: 3 Test Start: 2005.06.26 @ 01:50:58

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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Watery oil 50/50	1.410
5.00	clean oil	0.070

Total Length: 125.00 ft Total Volume: 1.480 bbl

 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 8166

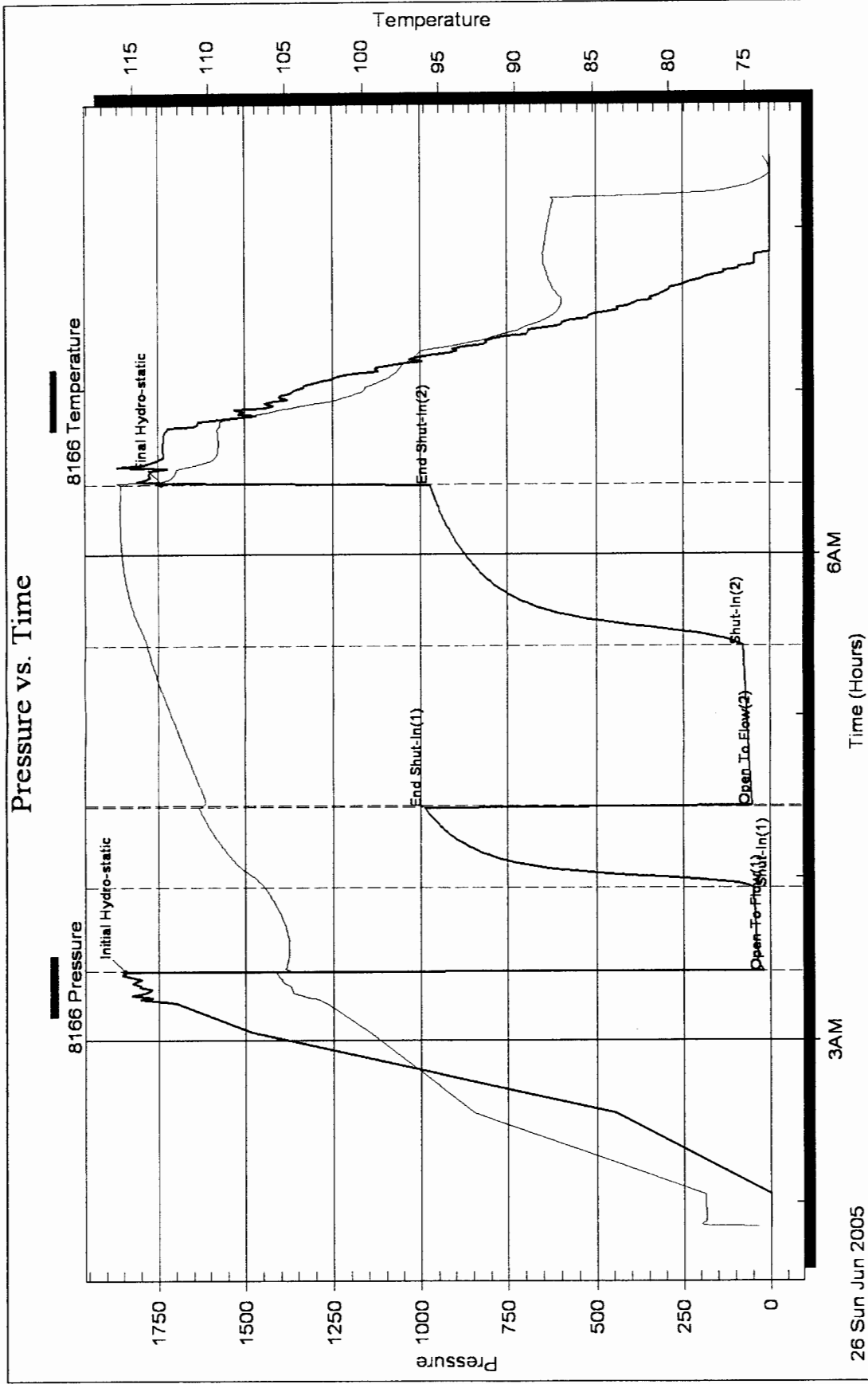
Inside

Imperial American Oil Corp.

18-14s-20w Ellis

DST Test Number: 3

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 22845

Printed: 2005.07.06 @ 12:50:07 Page 5



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Imperial American Oil Corp.**

900 N Tyler RD
Wichita KS 67212

ATTN: Randy Killian

18-14s-20w Ellis

Ruth 18-1

Start Date: 2005.06.26 @ 22:43:50

End Date: 2005.06.27 @ 06:20:50

Job Ticket #: 22846 DST #: 4

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 Oil Corp.

Ruth 18-1

900 N Tyler RD
Wichita KS 67212

18-14s-20w Ellis

Job Ticket: 22846

DST#: 4

ATTN: Randy Killian

Test Start: 2005.06.26 @ 22:43:50

GENERAL INFORMATION:

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

Time Tool Opened: 00:53:05

Time Test Ended: 06:20:50

Test Type: **Conventional Bottom Hole**Tester: **Michael**Unit No: **15**Interval: **3908.00 ft (KB) To 3950.00 ft (KB) (TVD)**Total Depth: **3950.00 ft (KB) (TVD)**Hole Diameter: **7.88 inches** Hole Condition: **Fair**Reference Elevations: **2248.00 ft (KB)****2243.00 ft (CF)**KB to GR/CF: **5.00 ft**Serial #: **8166**

Inside

Press@RunDepth: **253.29 psig @ 3912.00 ft (KB)**Start Date: **2005.06.26**

End Date:

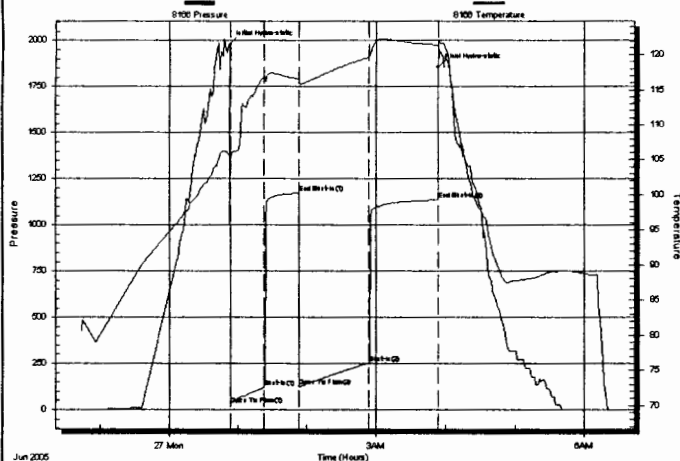
2005.06.27Capacity: **7000.00 psig**Last Calib.: **2005.06.27**Start Time: **22:43:51**

End Time:

06:20:50Time On Btm: **2005.06.27 @ 00:52:50**Time Off Btm: **2005.06.27 @ 03:53:05**

TEST COMMENT: IF- Bottom of the bucket 10 m
 IS- 1/4 blow back
 FF- Bottom of the bucket 11m
 FS- Surface blow died 45 m

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1979.44	105.80	Initial Hydro-static
1	26.05	105.19	Open To Flow (1)
30	120.50	116.83	Shut-In(1)
60	1173.21	116.54	End Shut-In(1)
61	124.29	116.15	Open To Flow (2)
121	253.29	119.64	Shut-In(2)
180	1136.80	121.37	End Shut-In(2)
181	1856.46	121.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	slightly mud cut oil	3.93
350.00	clean 41Gr oil	4.91
0.00	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 Oil Corp.

Ruth 18-1

900 N Tyler RD
Wichita KS 67212

18-14s-20w Ellis

Job Ticket: 22846

DST#: 4

ATTN: Randy Killian

Test Start: 2005.06.26 @ 22:43:50

Tool Information

Drill Pipe:	Length: 3877.00 ft	Diameter: 3.80 inches	Volume: 54.38 bbl	Tool Weight: 2000.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 54.53 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3908.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	63.00 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			3888.00	
Shut In Tool	5.00			3893.00	
Hydraulic tool	5.00			3898.00	
Packer	5.00			3903.00	21.00 Bottom Of Top Packer
Packer	5.00			3908.00	
Blank Spacing	1.00			3909.00	
Perforations	2.00			3911.00	
Change Over Sub	1.00			3912.00	
Recorder	0.00	8166	Inside	3912.00	
Drill Pipe	30.00			3942.00	
Change Over Sub	1.00			3943.00	
Recorder	0.00	11020	Outside	3943.00	
Perforations	4.00			3947.00	
Bullnose	3.00			3950.00	42.00 Bottom Packers & Anchor

Total Tool Length: 63.00

 TRILOBITE TESTING, INC	DRILL STEM TEST REPORT		FLUID SUMMARY												
	Imperial American Oil Corp. 900 N Tyler RD Wichita KS 67212 ATTN: Randy Killian		Ruth 18-1 18-14s-20w Ellis Job Ticket: 22846 DST#: 4 Test Start: 2005.06.26 @ 22:43:50												
Mud and Cushion Information															
Mud Type: Gel Chem Mud Weight: 99.00 lb/gal Viscosity: 52.00 sec/qt Water Loss: 9.59 in ³ Resistivity: ohm.m Salinity: ppm Filter Cake: inches		Cushion Type: Cushion Length: ft Cushion Volume: bbl Gas Cushion Type: Gas Cushion Pressure: psig													
		Oil API: deg API Water Salinity: ppm													
Recovery Information															
Recovery Table															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Length ft</th> <th style="width: 55%;">Description</th> <th style="width: 30%;">Volume bbl</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">300.00</td> <td>slightly mud cut oil</td> <td style="text-align: center;">3.935</td> </tr> <tr> <td style="text-align: center;">350.00</td> <td>clean 41Gr oil</td> <td style="text-align: center;">4.910</td> </tr> <tr> <td style="text-align: center;">0.00</td> <td>GIP</td> <td style="text-align: center;">0.000</td> </tr> </tbody> </table>				Length ft	Description	Volume bbl	300.00	slightly mud cut oil	3.935	350.00	clean 41Gr oil	4.910	0.00	GIP	0.000
Length ft	Description	Volume bbl													
300.00	slightly mud cut oil	3.935													
350.00	clean 41Gr oil	4.910													
0.00	GIP	0.000													
Total Length: 650.00 ft		Total Volume: 8.845 bbl													
Num Fluid Samples: 0		Num Gas Bombs: 0 Serial #:													
Laboratory Name:		Laboratory Location:													
Recovery Comments:															

Pressure vs. Time

