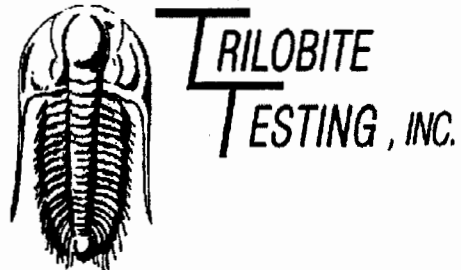


RECEIVED
SEP 1 0 2005
KCC WICHITA



DRILL STEM TEST REPORT

Prepared For: **IAOI**

900 N Tyler Rd # 14
Wichita Ks 67212

ATTN: Hal Porter

8-14-20-Ellis-Ks

Jacqueline 8-1

Start Date: 2005.08.20 @ 23:36:10

End Date: 2005.08.21 @ 05:03:40

Job Ticket #: 22050 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

IAOI

Jacqueline 8-1

900 N Tyler Rd # 14
Wichita Ks 67212

8-14-20-Ellis-Ks

Job Ticket: 22050

DST#: 1

ATTN: Hal Porter

Test Start: 2005.08.20 @ 23:36:10

GENERAL INFORMATION:

Formation: A-C LKC

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:47:55

Time Test Ended: 05:03:40

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: 3466.00 ft (KB) To 3520.00 ft (KB) (TVD)

Total Depth: 3520.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2183.00 ft (KB)

2178.00 ft (CF)

KB to GRVCF: 5.00 ft

Serial #: 6672

Inside

Press@RunDepth: 30.47 psig @ 3470.00 ft (KB)

Start Date: 2005.08.20

End Date:

2005.08.21

Start Time: 23:36:11

End Time:

05:03:40

Capacity: 7000.00 psig

Last Calib.: 2005.08.21

Time On Btm: 2005.08.21 @ 01:45:25

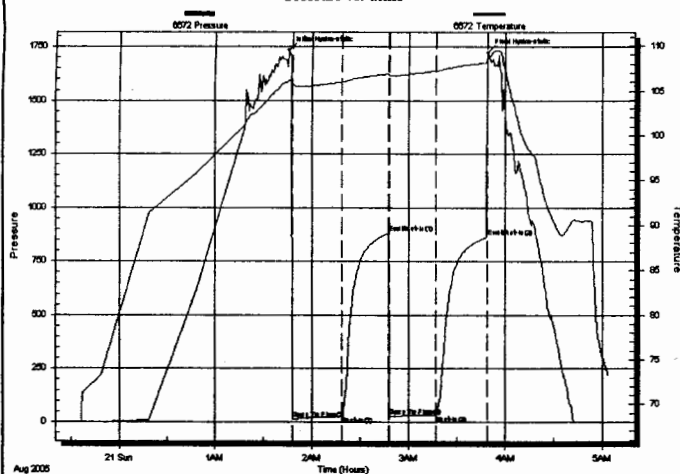
Time Off Btm: 2005.08.21 @ 03:48:55

TEST COMMENT: F-Weak died in 20 min

FF-No blow

Times-30-30-30-30

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1733.25	106.03	Initial Hydro-static
3	12.96	105.75	Open To Flow (1)
34	26.05	105.99	Shut-In(1)
62	880.58	106.87	End Shut-In(1)
63	26.93	106.71	Open To Flow (2)
92	30.47	107.22	Shut-In(2)
123	863.15	108.15	End Shut-In(2)
124	1723.22	108.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	DM	8.74

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

IAOI

Jacqueline 8-1

900 N Tyler Rd # 14
Wichita Ks 67212

8-14-20-ellis-Ks

Job Ticket: 22050

DST#: 1

ATTN: Hal Porter

Test Start: 2005.08.20 @ 23:36:10

Tool Information

Drill Pipe:	Length: 3445.00 ft	Diameter: 3.80 inches	Volume: 48.32 bbl	Tool Weight: 1900.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 30.00 inches	Volume: 26.23 bbl	Weight to Pull Loose: 65000.00 lb
		Total Volume: 74.55 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3466.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.00 ft			
Tool Length:	75.00 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			3446.00	
Shut In Tool	5.00			3451.00	
Hydraulic tool	5.00			3456.00	
Packer	5.00			3461.00	21.00 Bottom Of Top Packer
Packer	5.00			3466.00	
Stubb	1.00			3467.00	
Perforations	2.00			3469.00	
Change Over Sub	1.00			3470.00	
Recorder	0.00	6672	Inside	3470.00	
Drill Pipe	31.00			3501.00	
Change Over Sub	1.00			3502.00	
Recorder	0.00	13254	Outside	3502.00	
Perforations	15.00			3517.00	
Bullnose	3.00			3520.00	54.00 Bottom Packers & Anchor

Total Tool Length: 75.00

 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT		FLUID SUMMARY																												
	IAOI 900 N Tyler Rd # 14 Wichita Ks 67212 ATTN: Hal Porter	Jacqueline 8-1 8-14-20-Ellis-Ks Job Ticket: 22050 DST#: 1 Test Start: 2005.08.20 @ 23:36:10																													
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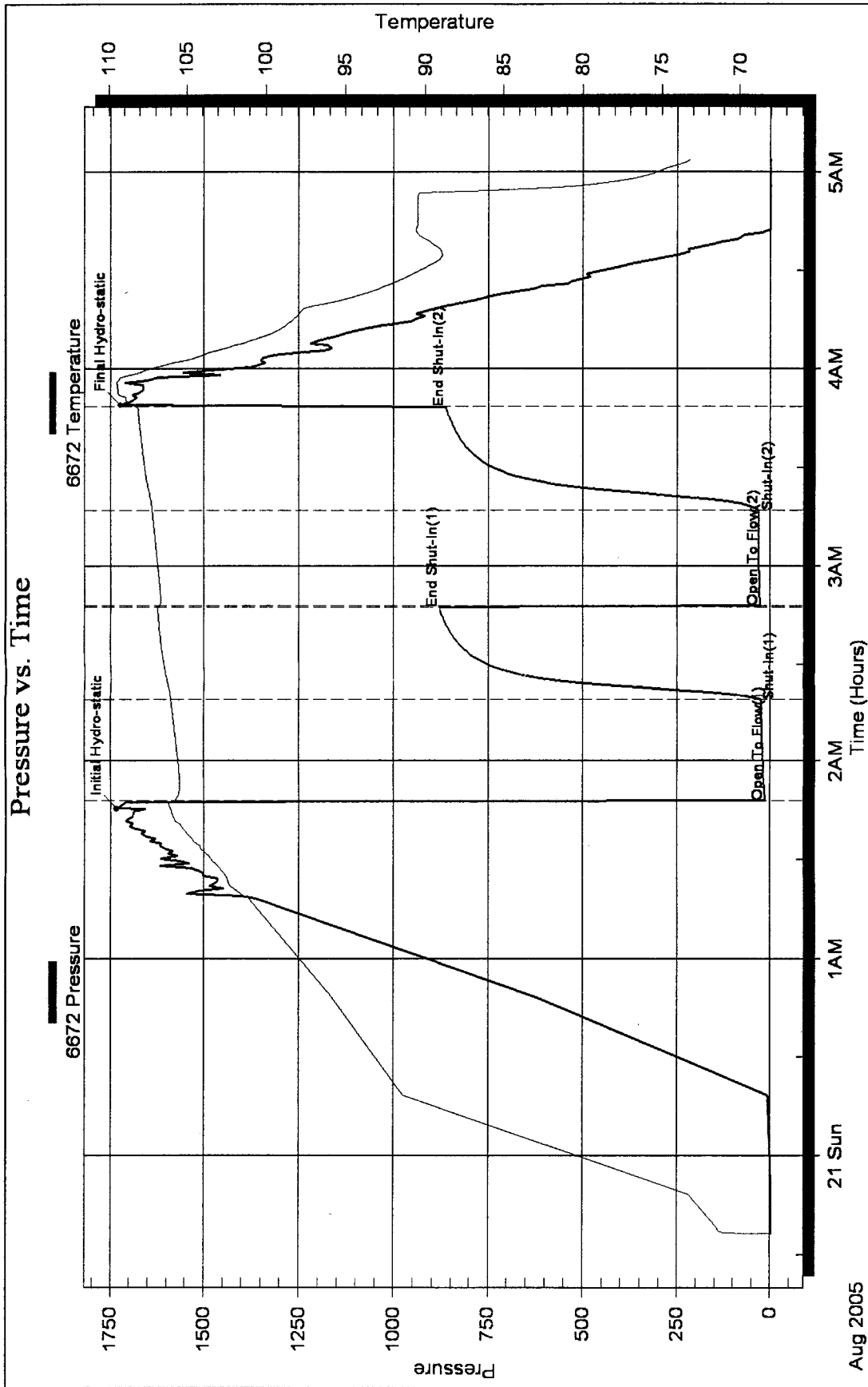
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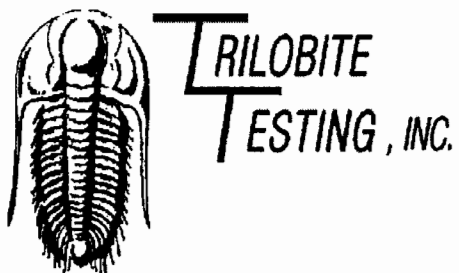
Inside

AOI

8-14-20-Ellis-Ks

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **IAOI**

900 N Tyler Rd # 14
Wichita Ks 67212

ATTN: Hal Porter

8-14-20-Ellis-Ks

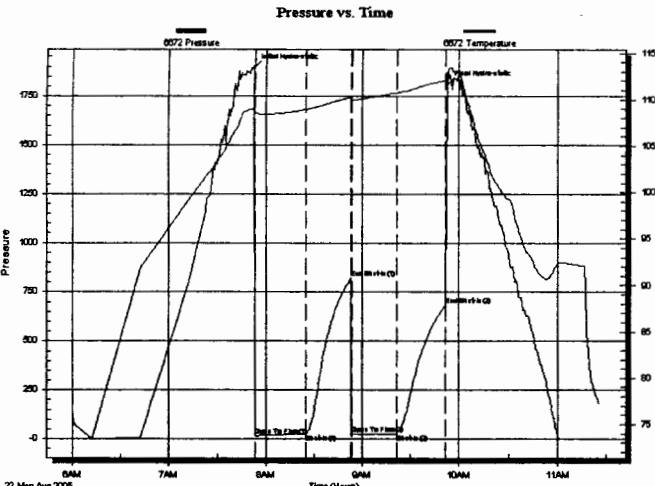
Jacqueline 8-1

Start Date: 2005.08.22 @ 06:00:02

End Date: 2005.08.22 @ 11:26:02

Job Ticket #: 22176 DST #: 2

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

	DRILL STEM TEST REPORT																																														
IAOI 900 N Tyler Rd # 14 Wichita Ks 67212 ATTN: Hal Porter	Jacqueline 8-1 8-14-20-Elis-Ks Job Ticket: 22176 DST#: 2 Test Start: 2005.08.22 @ 06:00:02																																														
GENERAL INFORMATION:																																															
Formation: Arbuckle Deviated: No Whipstock: . ft (KB) Time Tool Opened: 07:53:02 Time Test Ended: 11:26:02 Interval: 3796.00 ft (KB) To 3850.00 ft (KB) (TVD) Total Depth: 3850.00 ft (KB) (TVD) Hole Diameter: 7.88 inches Hole Condition: Good		Test Type: Conventional Bottom Hole Tester: Dan Bangle Unit No: 21 Reference Elevations: 2183.00 ft (KB) 2178.00 ft (CF) KB to GR/CF: 5.00 ft																																													
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Press@RunDepth: 27.11 psig @ 3800.00 ft (KB) Start Date: 2005.08.22 End Date: 2005.08.22 Start Time: 06:00:03 End Time: 11:26:02		Capacity: 7000.00 psig Last Calib.: 2005.08.22 Time On Btm: 2005.08.22 @ 07:52:47 Time Off Btm: 2005.08.22 @ 09:52:32																																													
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 22 Mon Aug 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="width: 10%;">Time (Min.)</th> <th style="width: 15%;">Pressure (psig)</th> <th style="width: 10%;">Temp (deg F)</th> <th style="width: 65%;">Annotation</th> </tr> </thead> <tbody> <tr><td>0</td><td>1893.47</td><td>109.03</td><td>Initial Hydro-static</td></tr> <tr><td>1</td><td>14.45</td><td>108.54</td><td>Open To Flow (1)</td></tr> <tr><td>32</td><td>23.81</td><td>108.93</td><td>Shut-in(1)</td></tr> <tr><td>60</td><td>821.09</td><td>110.25</td><td>End Shut-in(1)</td></tr> <tr><td>61</td><td>25.45</td><td>110.08</td><td>Open To Flow (2)</td></tr> <tr><td>89</td><td>27.11</td><td>110.75</td><td>Shut-in(2)</td></tr> <tr><td>119</td><td>685.45</td><td>112.06</td><td>End Shut-in(2)</td></tr> <tr><td>120</td><td>1811.06</td><td>112.73</td><td>Final Hydro-static</td></tr> </tbody> </table>		PRESSURE SUMMARY				Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation	0	1893.47	109.03	Initial Hydro-static	1	14.45	108.54	Open To Flow (1)	32	23.81	108.93	Shut-in(1)	60	821.09	110.25	End Shut-in(1)	61	25.45	110.08	Open To Flow (2)	89	27.11	110.75	Shut-in(2)	119	685.45	112.06	End Shut-in(2)	120	1811.06	112.73	Final Hydro-static				
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

IAOI

Jacqueline 8-1

900 N Tyler Rd # 14
Wichita Ks 67212

8-14-20-Ellis-Ks

Job Ticket: 22176

DST#: 2

ATTN: Hal Porter

Test Start: 2005.08.22 @ 06:00:02

Tool Information

Drill Pipe:	Length: 3756.00 ft	Diameter: 3.80 inches	Volume: 52.69 bbl	Tool Weight:	1900.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 30.00 inches	Volume: 26.23 bbl	Weight to Pull Loose:	65000.00 lb
		Total Volume:	78.92 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3796.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	54.00 ft				
Tool Length:	75.00 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			3776.00	
Shut In Tool	5.00			3781.00	
Hydraulic tool	5.00			3786.00	
Packer	5.00			3791.00	21.00 Bottom Of Top Packer
Packer	5.00			3796.00	
Stubb	1.00			3797.00	
Perforations	2.00			3799.00	
Change Over Sub	1.00			3800.00	
Recorder	0.00	6672	Inside	3800.00	
Drill Pipe	31.00			3831.00	
Change Over Sub	1.00			3832.00	
Recorder	0.00	13254	Outside	3832.00	
Perforations	15.00			3847.00	
Bullnose	3.00			3850.00	54.00 Bottom Packers & Anchor

Total Tool Length: 75.00

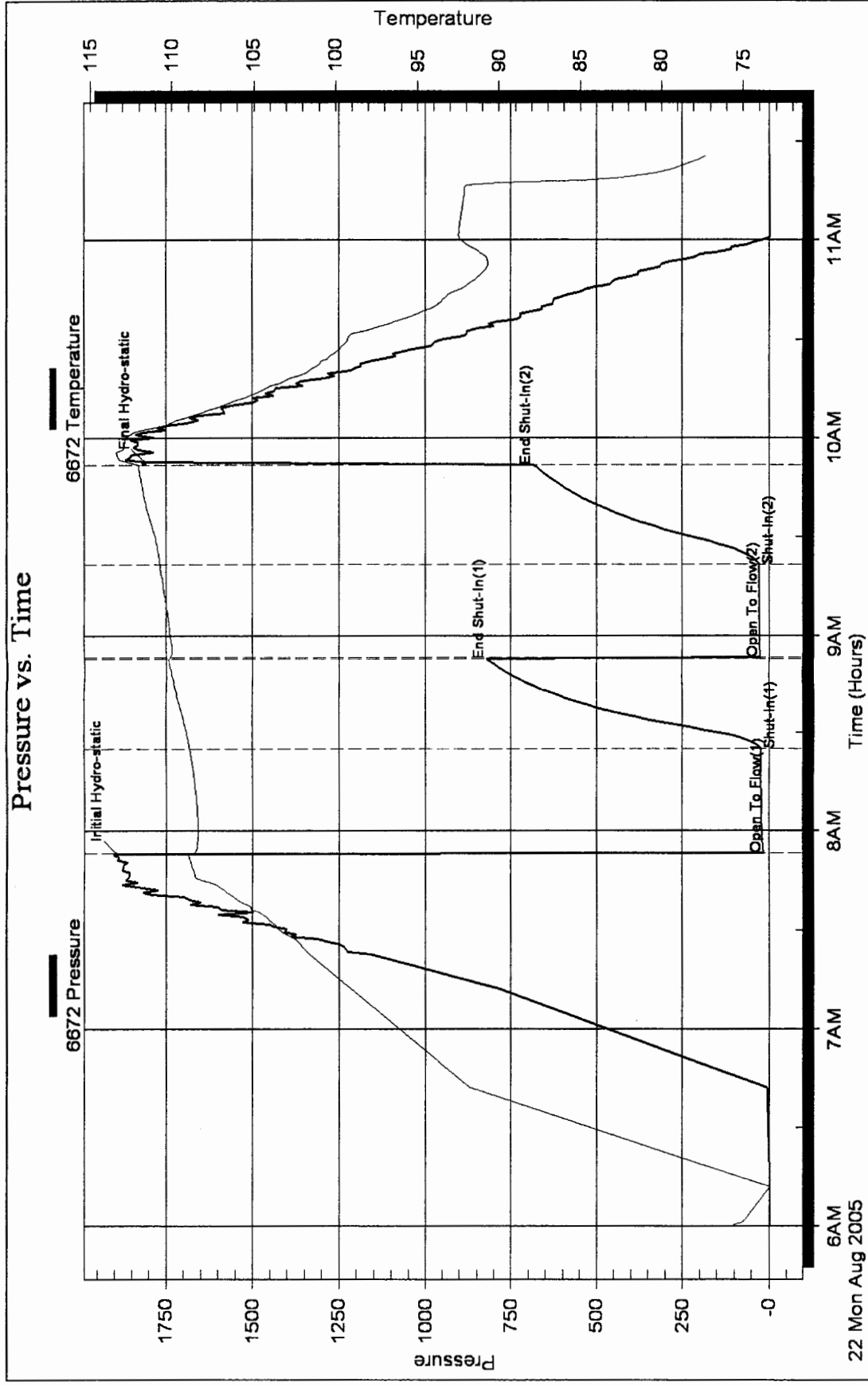
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Total Length: 10.00 ft Total Volume: 8.743 bbl Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: Laboratory Name: Laboratory Location: Recovery Comments:																															

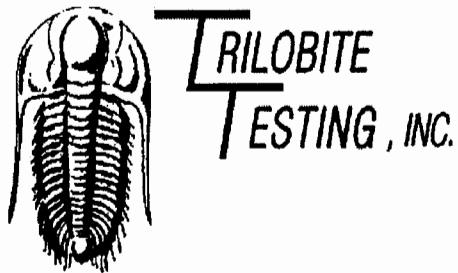
Serial #: 6672

Inside IAOI

8-14-20-Elis-Ks

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **IAOI**

900 N Tyler Rd # 14
Wichita Ks 67212

ATTN: Hal Porter

8-14-20-Ellis-Ks

Jacqueline 8-1

Start Date: 2005.08.23 @ 00:20:21

End Date: 2005.08.23 @ 05:49:21

Job Ticket #: 22177 DST #: 3

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

125517



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

IAOI

900 N Tyler Rd # 14
Wichita Ks 67212

ATTN: Hal Porter

Jacqueline 8-1

8-14-20-Ellis-Ks

Job Ticket: 22177

DST#: 3

Test Start: 2005.08.23 @ 00:20:21

GENERAL INFORMATION:

Formation: G-H LKC

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:43:36

Time Test Ended: 05:49:21

Test Type: Conventional Straddle

Tester: Dan Bangle

Unit No: 21

Interval: 3560.00 ft (KB) To 3620.00 ft (KB) (TVD)

Total Depth: 3915.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2183.00 ft (KB)

2178.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6672

Inside

Press@RunDepth: 34.50 psig @ 3564.00 ft (KB)

Start Date: 2005.08.23

End Date:

2005.08.23

Start Time: 00:20:22

End Time:

05:49:21

Capacity: 7000.00 psig

Last Calib.: 2005.08.23

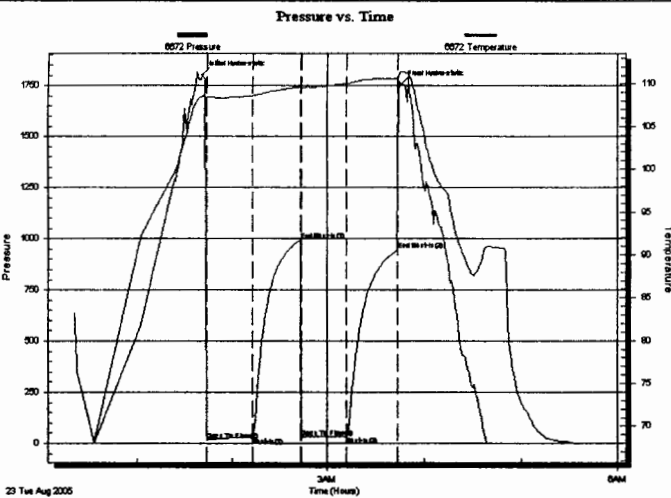
Time On Btm: 2005.08.23 @ 01:41:06

Time Off Btm: 2005.08.23 @ 03:45:51

TEST COMMENT: F-Weak died in 20 min

FF-No blow

Times-30-30-30-30



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1801.36	108.51	Initial Hydro-static
3	15.37	108.26	Open To Flow (1)
32	29.09	108.64	Shut-In(1)
62	993.70	109.67	End Shut-In(1)
63	29.79	109.44	Open To Flow (2)
91	34.50	110.04	Shut-In(2)
123	944.52	110.67	End Shut-In(2)
125	1754.94	111.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

IAOI

Jacqueline 8-1

900 N Tyler Rd # 14
Wichita Ks 67212

8-14-20-Ellis-Ks

Job Ticket: 22177

DST#: 3

ATTN: Hal Porter

Test Start: 2005.08.23 @ 00:20:21

Tool Information

Drill Pipe:	Length: 3534.00 ft	Diameter: 3.80 inches	Volume: 49.57 bbl	Tool Weight:	3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 30.00 inches	Volume: 26.23 bbl	Weight to Pull Loose:	65000.00 lb
		Total Volume:	75.80 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	3560.00 ft			Final	52000.00 lb
Depth to Bottom Packer:	3620.00 ft				
Interval between Packers:	60.00 ft				
Tool Length:	376.00 ft				
Number of Packers:	3	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3540.00	
Shut In Tool	5.00			3545.00	
Hydraulic tool	5.00			3550.00	
Packer	5.00			3555.00	21.00 Bottom Of Top Packer
Packer	5.00			3560.00	
Stubb	1.00			3561.00	
Perforations	2.00			3563.00	
Change Over Sub	1.00			3564.00	
Recorder	0.00	6672	Inside	3564.00	
Drill Pipe	31.00			3595.00	
Change Over Sub	1.00			3596.00	
Perforations	20.00			3616.00	
Blank Off Sub	1.00			3617.00	
Blank Spacing	3.00			3620.00	60.00 Tool Interval
Packer	2.00			3622.00	
Stubb	1.00			3623.00	
Perforations	5.00			3628.00	
Change Over Sub	1.00			3629.00	
Recorder	0.00	13248	Outside	3629.00	
Drill Pipe	282.00			3911.00	
Change Over Sub	1.00			3912.00	
Bullnose	3.00			3915.00	295.00 Bottom Packers & Anchor
Total Tool Length:		376.00			

 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT		FLUID SUMMARY
	IAOI 900 N Tyler Rd # 14 Wichita Ks 67212 ATTN: Hal Porter	Jacqueline 8-1 8-14-20-Ellis-Ks Job Ticket: 22177 DST#: 3 Test Start: 2005.08.23 @ 00:20:21	

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length:	Water Salinity:	ppm
Viscosity: 52.00 sec/qt	Cushion Volume:		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure:		psig
Salinity: 5000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl

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

Pressure vs. Time

