15-167-23419 36-11s-15w

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Mai Oil**

PO Box 33
Russell KS 67665

ATTN: Kitt Noah

36 11 15 Russell KS

Hibbs #1

Start Date: 2007.04.21 @ 16:55:09
End Date: 2007.04.21 @ 22:42:33
Job Ticket #: 27862 DST #: 1

Mai Oil | Hibbs #1 | 36 11 15 Russell KS | DST # 1 | LKC "A-C" | 2007.04.21

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

DRILL STEM TEST REPORT

Mai Oil

PO Box 33
Russell KS 67665

ATTN: Kitt Noah

Hibbs #1

36 11 15 Russell KS

Job Ticket: 27862 **DST#: 1**

Test Start: 2007.04.21 @ 16:55:09

GENERAL INFORMATION:

Formation: **LKC "A-C"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:27:49
Time Test Ended: 22:42:33

Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41

Interval: 2963.00 ft (KB) To 3050.00 ft (KB) (TVD)
Total Depth: 3050.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:

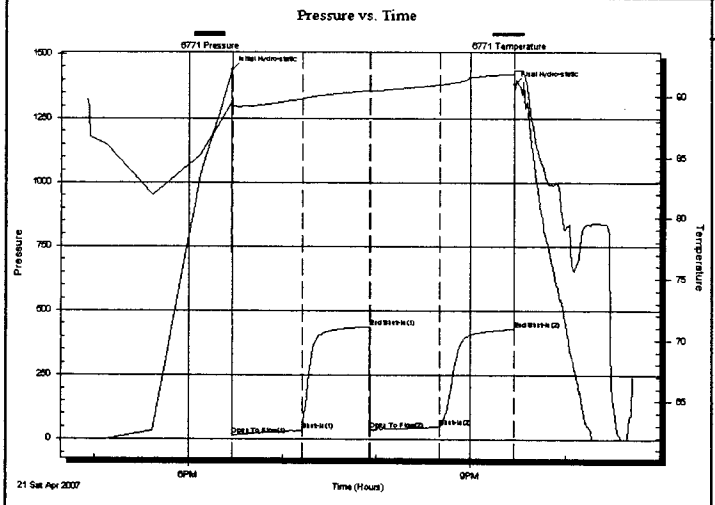
Reference Elevations: 1814.00 ft (KB)
1806.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6771 **Inside**

Press@RunDepth: 49.52 psig @ 2969.01 ft (KB)
Start Date: 2007.04.21 End Date: 2007.04.21
Start Time: 16:55:09 End Time: 22:42:33

Capacity: 7000.00 psig
Last Calib.: 2007.04.21
Time On Btm: 2007.04.21 @ 18:27:34
Time Off Btm: 2007.04.21 @ 21:27:33

TEST COMMENT: IFP Weak to fair blow - 1/4 " - 4 "
ISI No blow back
FFP Weak blow throughout sur - 3 "
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1437.28	89.54	Initial Hydro-static
1	14.49	89.25	Open To Flow (1)
45	34.46	89.82	Shut-In(1)
88	438.39	90.50	End Shut-In(1)
89	36.08	90.43	Open To Flow (2)
134	49.52	90.96	Shut-In(2)
180	429.90	91.83	End Shut-In(2)
180	1381.12	92.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	VSOCM 2%O 98%M	1.05

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil

PO Box 33
Russell KS 67665

ATTN: Kitt Noah

Hibbs #1

36 11 15 Russell KS

Job Ticket: 27862 **DST#: 1**

Test Start: 2007.04.21 @ 16:55:09

Tool Information

Drill Pipe:	Length:	2952.00 ft	Diameter:	3.80 inches	Volume:	41.41 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
					Total Volume:	41.41 bbl	

Drill Pipe Above KB:	9.00 ft
Depth to Top Packer:	2963.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	87.02 ft
Tool Length:	107.02 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2500.00 lb
Weight set on Packer:		25000.00 lb
Weight to Pull Loose:		43000.00 lb
Tool Chased		0.00 ft
String Weight:	Initial	39000.00 lb
	Final	41000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			2948.00		
Hydraulic tool	5.00			2953.00		
Packer	5.00			2958.00	20.00	Bottom Of Top Packer
Packer	5.00			2963.00		
Stubb	1.00			2964.00		
Perforations	4.00			2968.00		
Change Over Sub	1.00			2969.00		
Recorder	0.01	6771	Inside	2969.01		
Blank Spacing	62.00			3031.01		
Change Over Sub	1.00			3032.01		
Perforations	15.00			3047.01		
Recorder	0.01	13548	Outside	3047.02		
Bullnose	3.00			3050.02	87.02	Bottom Packers & Anchor
Total Tool Length:	**107.02**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil

PO Box 33
Russell KS 67665

ATTN: Kitt Noah

Hibbs #1

36 11 15 Russell KS

Job Ticket: 27862 **DST#: 1**

Test Start: 2007.04.21 @ 16:55:09

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:	51.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.19 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1700.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

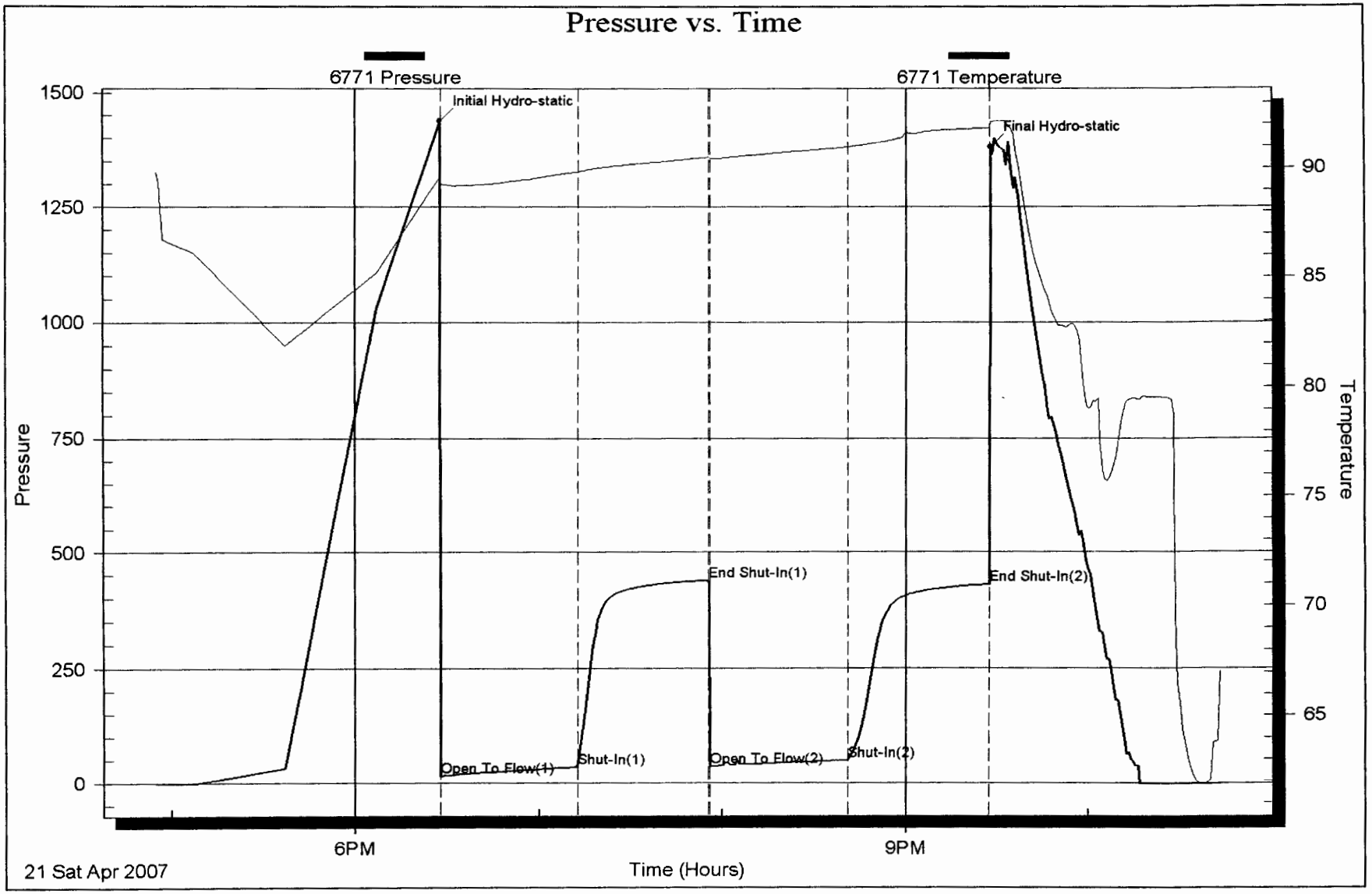
Length ft	Description	Volume bbl
75.00	VSOCM 2%O 98%M	1.052

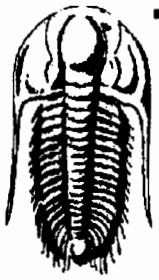
Total Length: 75.00 ft Total Volume: 1.052 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6771 Pressure
6771 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
1500
1250
1000
750
500
250
0
Pressure
90
85
80
75
70
65
Temperature
6PM
9PM
21 Sat Apr 2007
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Mai Oil**

PO Box 33
Russell KS 67665

ATTN: Kitt Noah

36 11 15 Russell KS

Hibbs #1

Start Date: 2007.04.22 @ 18:00:52
End Date: 2007.04.22 @ 22:29:16
Job Ticket #: 27863 DST #: 2

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Mai Oil

PO Box 33
Russell KS 67665

ATTN: Kitt Noah

Hibbs #1

36 11 15 Russell KS

Job Ticket: 27863 **DST#: 2**

Test Start: 2007.04.22 @ 18:00:52

GENERAL INFORMATION:

Formation: **LKC "H-K"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:36:02
Time Test Ended: 22:29:16

Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41

Interval: 3114.00 ft (KB) To 3217.00 ft (KB) (TVD)
Total Depth: 3217.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:

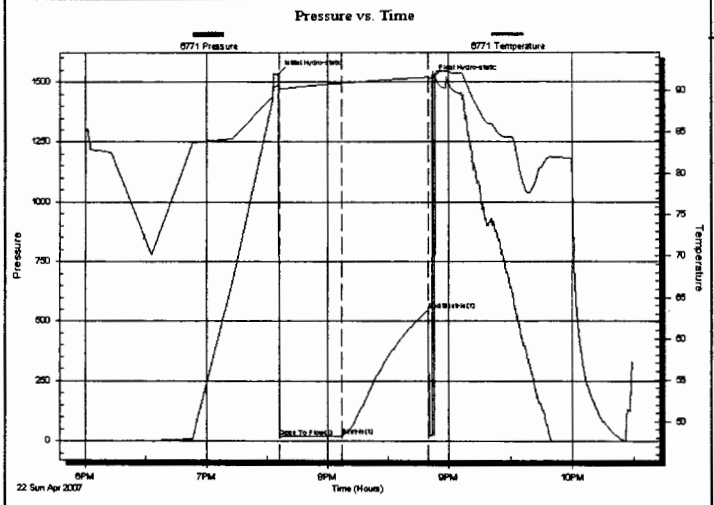
Reference Elevations: 1814.00 ft (KB)
1806.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6771 **Inside**

Press@RunDepth: 21.62 psig @ 3122.01 ft (KB)
Start Date: 2007.04.22 End Date: 2007.04.22
Start Time: 18:00:52 End Time: 22:29:16

Capacity: 7000.00 psig
Last Calib.: 2007.04.22
Time On Btm: 2007.04.22 @ 19:35:47
Time Off Btm: 2007.04.22 @ 20:52:02

TEST COMMENT: IFP 1/4 " blow died 18 min
ISI No blow back
FFP No blow flush tool 4 bubbles pull tool
TIME 30 45 5 flush-pull



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1530.44	90.59	Initial Hydro-static
1	17.16	90.02	Open To Flow (1)
32	21.62	90.91	Shut-In(1)
75	545.83	91.63	End Shut-In(1)
77	1512.70	91.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100%M	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil

PO Box 33
Russell KS 67665

ATTN: Kitt Noah

Hibbs #1

36 11 15 Russell KS

Job Ticket: 27863 **DST#: 2**

Test Start: 2007.04.22 @ 18:00:52

Tool Information

Drill Pipe:	Length:	3075.00 ft	Diameter:	3.80 inches	Volume:	43.13 bbl	Tool Weight:		2500.00 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:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:		42000.00 lb
					Total Volume:	43.13 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		11.00 ft					String Weight:	Initial	40000.00 lb
Depth to Top Packer:		3114.00 ft						Final	40000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		103.02 ft							
Tool Length:		123.02 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			3099.00		
Hydraulic tool	5.00			3104.00		
Packer	5.00			3109.00	20.00	Bottom Of Top Packer
Packer	5.00			3114.00		
Stubb	1.00			3115.00		
Perforations	6.00			3121.00		
Change Over Sub	1.00			3122.00		
Recorder	0.01	6771	Inside	3122.01		
Blank Spacing	62.00			3184.01		
Change Over Sub	1.00			3185.01		
Perforations	29.00			3214.01		
Recorder	0.01	13548	Outside	3214.02		
Bullnose	3.00			3217.02	103.02	Bottom Packers & Anchor
Total Tool Length:	**123.02**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil

PO Box 33
Russell KS 67665

ATTN: Kitt Noah

Hibbs #1

36 11 15 Russell KS

Job Ticket: 27863 **DST#: 2**

Test Start: 2007.04.22 @ 18:00:52

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:	7.97 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1800.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

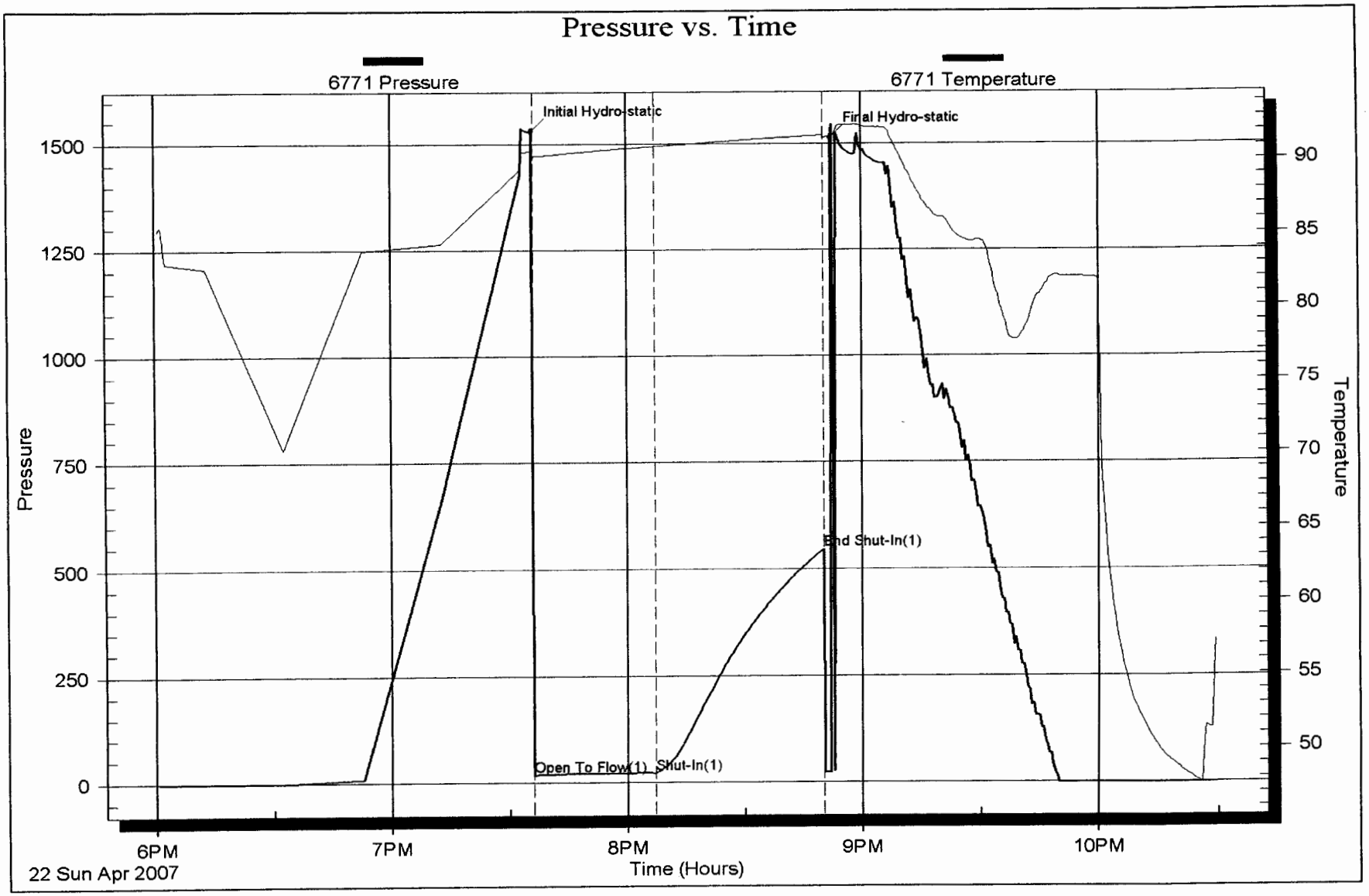
Length ft	Description	Volume bbl
10.00	100%M	0.000

Total Length: 10.00 ft Total Volume: bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6771 Pressure
6771 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
Open To Flow(1)
Shut-In(1)
Pressure
Temperature
1500
1250
1000
750
500
250
0
90
85
80
75
70
65
60
55
50
6PM
7PM
8PM
9PM
10PM
22 Sun Apr 2007
Time (Hours)

TRILOBITE TESTING INC.
P.O. Box 362 • Hays, Kansas 67601

10058 ✓

27862

10/05

Test Ticket

Well Name & No. Hilbs #1 Test No. 1 Date 4-21-07

Company Mai Zone Tested LKC A-C"

Address P.O. Box 33 Russell, Ks 67665 Elevation 1814 KB 1806 GL

Co. Rep / Geo. Kitt Noah Rig Southwind 3

Location: Sec. 36 Twp. 11S Rge. 15W Co. Russell State Ks

Comment: Release date / time:

Interval Tested ~~2926~~ 2963 - 3050 Initial Str Wt./Lbs. 39,000 Unseated Str Wt/Lbs. 41,000

Anchor Length 87 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 43,000

Top Packer Depth 2958 Tool Weight 2500

Bottom Packer Depth 2963 Hole Size 7 7/8" — Rubber Size 6 3/4" —

Total Depth 3050 Wt. Pipe Run — Drill Collar Run —

Mud Wt. 8.8 LCM — Vis. 51 WL 7.2 Drill Pipe Size 4½ XH Ft. Run 2952

Blow Description IFP- weak to fair blow ¼ - 4
ISI - no blow back
FFP- weak blow throughout sur - 3
FSI - no blow back

Recovery - Total Feet 75 GIP — Ft. in DC — Ft. in DP 75

Rec. 75 Feet of VSOCM %gas 2 %oil %water 98 %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 92 °F Gravity °API D @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 1700 ppm System

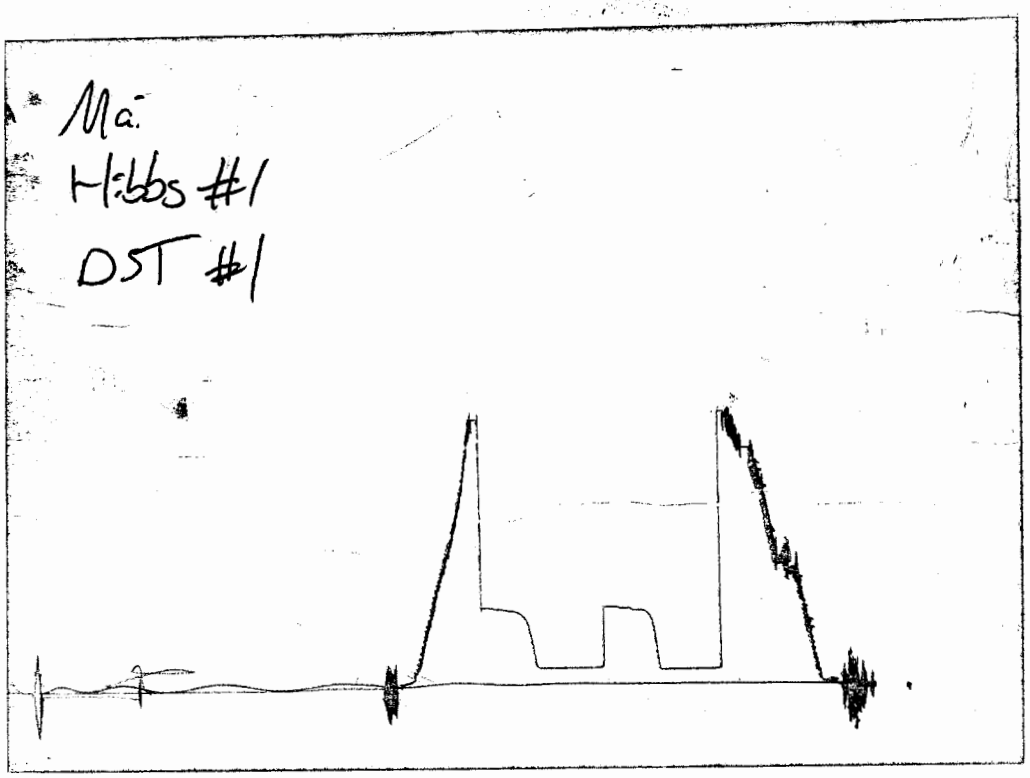
	AK-1	Alpine				
(A) Initital Hydrostatic Mud		1433 PSI	Recorder No.	6771	Test ✓	1100
(B) First Initial Flow Pressure		15 PSI	(depth)	2969	Jars	
(C) First Final Flow Pressure		34 PSI	Recorder No.	13548	Safety Jt.	
(D) Initial Shut-In Pressure		438 PSI	(depth)	3047	Circ Sub	
(E) Second Initial Flow Pressure		36 PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure		50 PSI	(depth)		Straddle	
(G) Final Shut-In Pressure		430 PSI	**Initial Opening**	45	Ext. Packer	
(Q) Final Hydrostatic Mud		1380 PSI	Initial Shut-In	45	Shale Packer	
			Final Flow	45	Ruined Packer	120
			Final Shut-In	45	Mileage ✓ 96	
			T-On Location	1611	Sub Total:	
			T-Started	1655	Std. By	
			T-Open	1827	Acc. Chg:	
			T-Pulled	2127	Other:	
			T-Out	2242	Total:	$1220

Approved By

Our Representative Brian Fairbank (Thanks)

CHART PAGE

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



27863

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

10/05

Test Ticket

Well Name & No. Hibbs #1 Test No. 2 Date 4-22-07

Company Mai Zone Tested LKC "H-K"

Address P.O. Box 33 Russell, Ks 67665 Elevation 1841 KB 1806 GL

Co. Rep / Geo. Kit Noah Rig Southwind 3

Location: Sec. 36 Twp. 11S Rge. 15W Co. Russell State Ks

Comment: Release date / time:

Interval Tested 3114-3217 Initial Str Wt./Lbs. 40,000 Unseated Str Wt/Lbs. 46,000

Anchor Length 103 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 42,000

Top Packer Depth 3109 Tool Weight 2500

Bottom Packer Depth 3114 Hole Size 7 7/8" — Rubber Size 6 3/4" —

Total Depth 3217 Wt. Pipe Run — Drill Collar Run 30

Mud Wt. 9.0 LCM — Vis. 48 WL 8.0 Drill Pipe Size 4½XH Ft. Run 3075

Blow Description IFP- ¼" blow died 18 min
ISI- no blow back
FFP- no blow - flush tool- 4 bubbles - died - pull tool
FSI- —

Recovery - Total Feet 10 GIP — Ft. in DC 10 Ft. in DP —

Rec. 10	Feet of mud	%gas	%oil	%water	100	%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 92 °F Gravity °API D @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 1800 ppm System

	AK-1	Alpine
(A) Initial Hydrostatic Mud		1530 PSI
(B) First Initial Flow Pressure		17 PSI
(C) First Final Flow Pressure		22 PSI
(D) Initial Shut-In Pressure		546 PSI
(E) Second Initial Flow Pressure		— PSI
(F) Second Final Flow Pressure		— PSI
(G) Final Shut-In Pressure		— PSI
(Q) Final Hydrostatic Mud		1477 PSI

Recorder No.	6771
(depth)	3122
Recorder No.	13548
(depth)	3214
Recorder No.	
(depth)	
Initial Opening	30
Initial Shut-In	45
Final Flow	5-flush
Final Shut-In	—
T-On Location	1731
T-Started	1800
T-Open	1936
T-Pulled	2057
T-Out	2229

Test ✓	1100
Jars	
Safety Jt.	
Circ Sub	
Sampler	
Straddle	
Ext. Packer	
Shale Packer	
Ruined Packer	
Mileage ✓ 96	120
Sub Total:	
Std. By	
Acc. Chg:	120
Other:	
Total:	$1220

Approved By

Our Representative Brian Fairbank (Thanks)

CHART PAGE

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