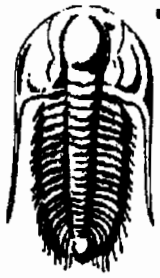
15-009-25008

19-16s-11w



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

PO Box 33
Russell KS 67665

ATTN: Allen Bangert

19 16S 11W Barton KS

Hoffman #1

Start Date: 2007.01.22 @ 08:36:13

End Date: 2007.01.22 @ 16:04:37

Job Ticket #: 25271 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

DRILL STEM TEST REPORT

Mai Oil Operations Inc

PO Box 33
Russell KS 67665

ATTN: Allen Bangert

Hoffman #1

19 16S 11W Barton KS

Job Ticket: 25271 **DST#: 1**

Test Start: 2007.01.22 @ 08:36:13

GENERAL INFORMATION:

Formation: **LKC H-J**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:07:38
Time Test Ended: 16:04:37

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 28

Interval: 3174.00 ft (KB) To 3245.00 ft (KB) (TVD)
Total Depth: 3245.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

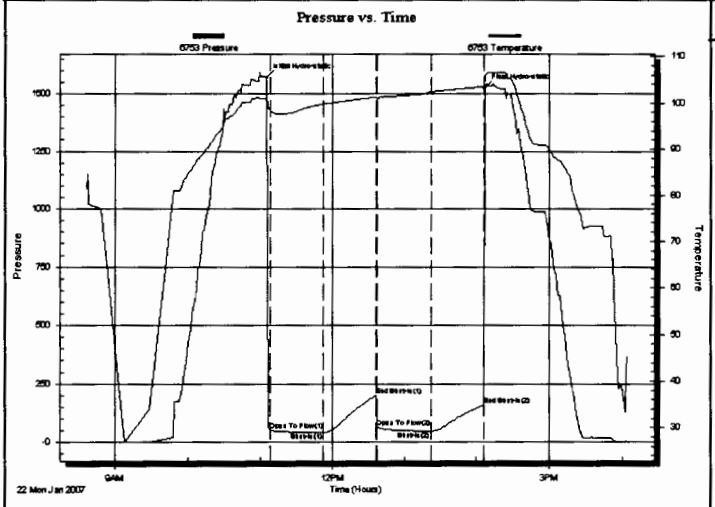
Reference Elevations: 1888.00 ft (KB)
1880.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6753 **Inside**

Press@RunDepth: 47.78 psig @ 3180.01 ft (KB)
Start Date: 2007.01.22 End Date: 2007.01.22
Start Time: 08:36:13 End Time: 16:04:37

Capacity: 7000.00 psig
Last Calib.: 2007.01.22
Time On Btm: 2007.01.22 @ 11:05:08
Time Off Btm: 2007.01.22 @ 14:06:37

TEST COMMENT: IFP Wk to a fr bl 1/2 " to 5 " bl
FFP Fair bl thru-out 5 " to 6 " bl
Times 45 45 45 45
No bl on shut-in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1569.65	101.06	Initial Hydro-static
3	49.53	98.47	Open To Flow (1)
47	43.19	99.80	Shut-In(1)
92	199.84	101.28	End Shut-In(1)
93	64.12	100.93	Open To Flow (2)
137	47.78	102.43	Shut-In(2)
181	158.91	103.53	End Shut-In(2)
182	1523.89	105.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	SO&GCM 3%G 5%O 92%M	0.42
0.00	400 ' GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operations Inc

PO Box 33
Russell KS 67665

ATTN: Allen Bangert

Hoffman #1

19 16S 11W Barton KS

Job Ticket: 25271 **DST#: 1**

Test Start: 2007.01.22 @ 08:36:13

Tool Information

Drill Pipe:	Length:	3165.00 ft	Diameter:	3.80 inches	Volume:	44.40 bbl	Tool Weight:		2200.00 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:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:		50000.00 lb
					Total Volume:	44.40 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		12.00 ft					String Weight:	Initial	40000.00 lb
Depth to Top Packer:		3174.00 ft						Final	40000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		71.02 ft							
Tool Length:		92.02 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			3154.00		
Shut In Tool	5.00			3159.00		
Hydraulic tool	5.00			3164.00		
Packer	5.00			3169.00	21.00	Bottom Of Top Packer
Packer	5.00			3174.00		
Stubb	1.00			3175.00		
Perforations	5.00			3180.00		
Recorder	0.01	6753	Inside	3180.01		
Blank Spacing	33.00			3213.01		
Recorder	0.01	13534	Outside	3213.02		
Perforations	29.00			3242.02		
Bullnose	3.00			3245.02	71.02	Bottom Packers & Anchor
Total Tool Length:	**92.02**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations Inc

PO Box 33
Russell KS 67665

ATTN: Allen Bangert

Hoffman #1

19 16S 11W Barton KS

Job Ticket: 25271 **DST#: 1**

Test Start: 2007.01.22 @ 08:36:13

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:	45.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.82 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5000.00 ppm				
Filter Cake:	1.00 inches				

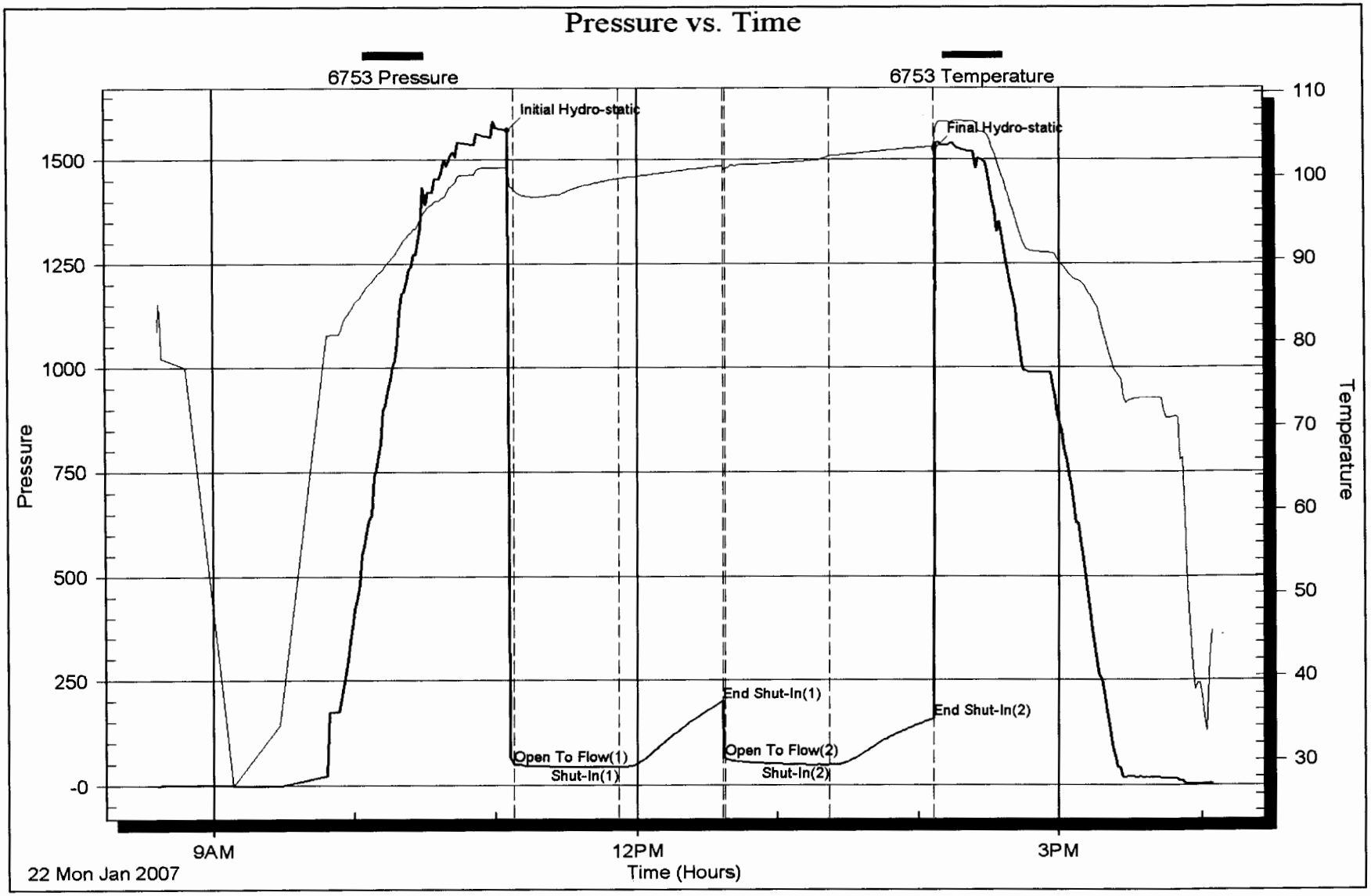
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	SO&GCM 3%G 5%O 92%M	0.421
0.00	400 ' GIP	0.000

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:


Pressure vs. Time
6753 Pressure
6753 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)
Pressure
Temperature
1500
1250
1000
750
500
250
-0
110
100
90
80
70
60
50
40
30
9AM
12PM
3PM
22 Mon Jan 2007
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

PO Box 33
Russell KS 67665

ATTN: Allen Bangert

19 16S 11W Barton KS

Hoffman #1

Start Date: 2007.01.23 @ 06:04:59
End Date: 2007.01.23 @ 13:00:23
Job Ticket #: 25272 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 Operations Inc

PO Box 33
Russell KS 67665

ATTN: Allen Bangert

Hoffman #1

19 16S 11W Barton KS

Job Ticket: 25272 **DST#: 2**

Test Start: 2007.01.23 @ 06:04:59

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:33:24
Time Test Ended: 13:00:23

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 28

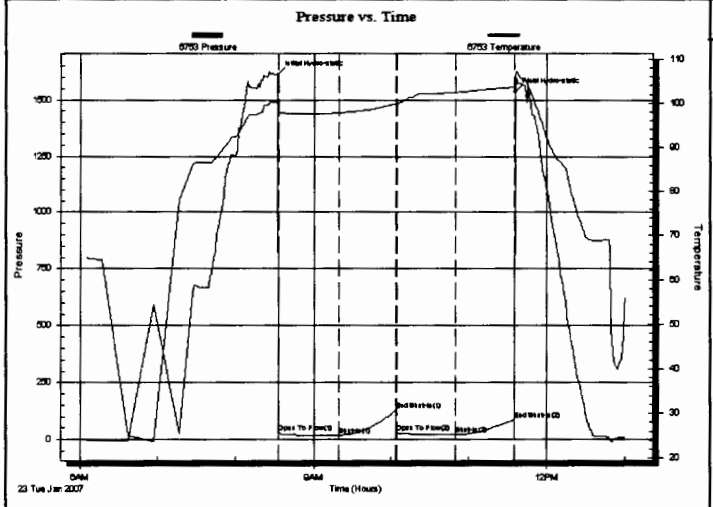
Interval: 3297.00 ft (KB) To 3317.00 ft (KB) (TVD)
Total Depth: 3317.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 1888.00 ft (KB)
1880.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6753 **Inside**
Press@RunDepth: 22.11 psig @ 3298.01 ft (KB)
Start Date: 2007.01.23 End Date: 2007.01.23
Start Time: 06:04:59 End Time: 13:00:23

Capacity: 7000.00 psig
Last Calib.: 2007.01.23
Time On Btm: 2007.01.23 @ 08:32:24
Time Off Btm: 2007.01.23 @ 11:35:23

TEST COMMENT: IFP Wk bl thru-out 3/4 " to surface bl
FFP Wk bl thru-out 1/2 " bl
Times 45 45 45 45



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1612.08	100.16	Initial Hydro-static
1	30.76	97.75	Open To Flow (1)
47	19.04	97.80	Shut-In(1)
91	129.79	99.88	End Shut-In(1)
92	30.66	99.59	Open To Flow (2)
137	22.11	102.40	Shut-In(2)
183	87.62	103.63	End Shut-In(2)
183	1535.93	106.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	OCM 10%O 90%M	0.28

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operations Inc

PO Box 33
Russell KS 67665

ATTN: Allen Bangert

Hoffman #1

19 16S 11W Barton KS

Job Ticket: 25272 **DST#: 2**

Test Start: 2007.01.23 @ 06:04:59

Tool Information

Drill Pipe:	Length:	3296.00 ft	Diameter:	3.80 inches	Volume:	46.23 bbl	Tool Weight:		2200.00 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:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:		50000.00 lb
					Total Volume:	46.23 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		20.00 ft					String Weight:	Initial	40000.00 lb
Depth to Top Packer:		3297.00 ft						Final	40000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		20.02 ft							
Tool Length:		41.02 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			3277.00		
Shut In Tool	5.00			3282.00		
Hydraulic tool	5.00			3287.00		
Packer	5.00			3292.00	21.00	Bottom Of Top Packer
Packer	5.00			3297.00		
Stubb	1.00			3298.00		
Recorder	0.01	6753	Inside	3298.01		
Perforations	16.00			3314.01		
Recorder	0.01	13534	Outside	3314.02		
Bullnose	3.00			3317.02	20.02	Bottom Packers & Anchor
Total Tool Length:	**41.02**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations Inc

PO Box 33
Russell KS 67665

ATTN: Allen Bangert

Hoffman #1

19 16S 11W Barton KS

Job Ticket: 25272 **DST#: 2**

Test Start: 2007.01.23 @ 06:04:59

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:	47.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.95 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4000.00 ppm				
Filter Cake:	2.00 inches				

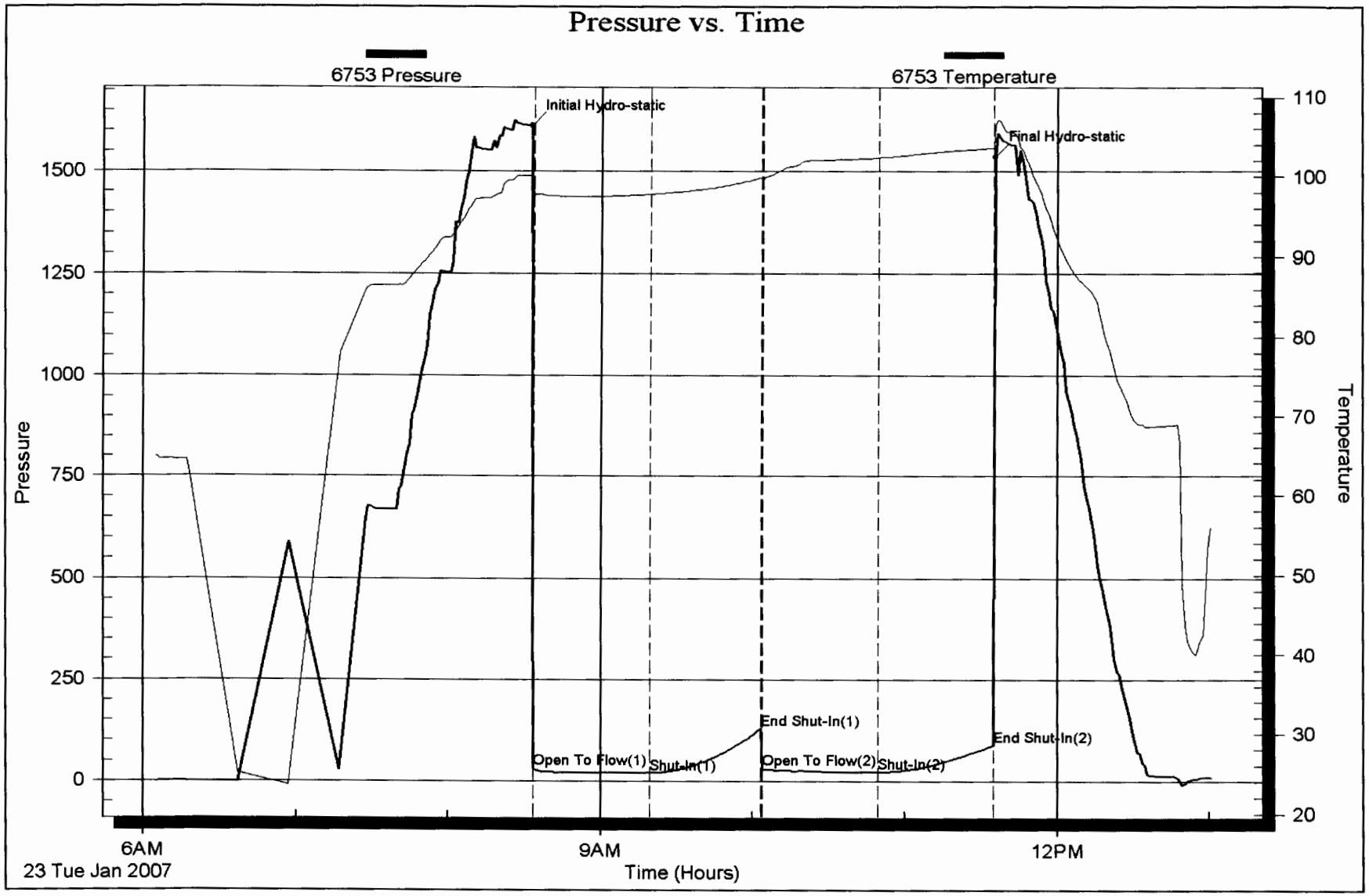
Recovery Information

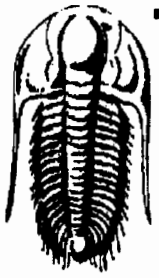
Recovery Table

Length ft	Description	Volume bbl
20.00	OCM 10%O 90%M	0.281

Total Length: 20.00 ft Total Volume: 0.281 bbl

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


Pressure vs. Time
6753 Pressure
6753 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)
Pressure
Temperature
1500
1250
1000
750
500
250
0
110
100
90
80
70
60
50
40
30
20
6AM
9AM
12PM
23 Tue Jan 2007
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

PO Box 33
Russell KS 67665

ATTN: Allen Bangert

19 16S 11W Barton KS

Hoffman #1

Start Date: 2007.01.23 @ 22:50:07
End Date: 2007.01.24 @ 05:26:31
Job Ticket #: 25273 DST #: 3

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 Operations Inc

PO Box 33
Russell KS 67665

ATTN: Allen Bangert

Hoffman #1

19 16S 11W Barton KS

Job Ticket: 25273 **DST#: 3**

Test Start: 2007.01.23 @ 22:50:07

GENERAL INFORMATION:

Formation: **Congl**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:40:02
Time Test Ended: 05:26:31

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 28

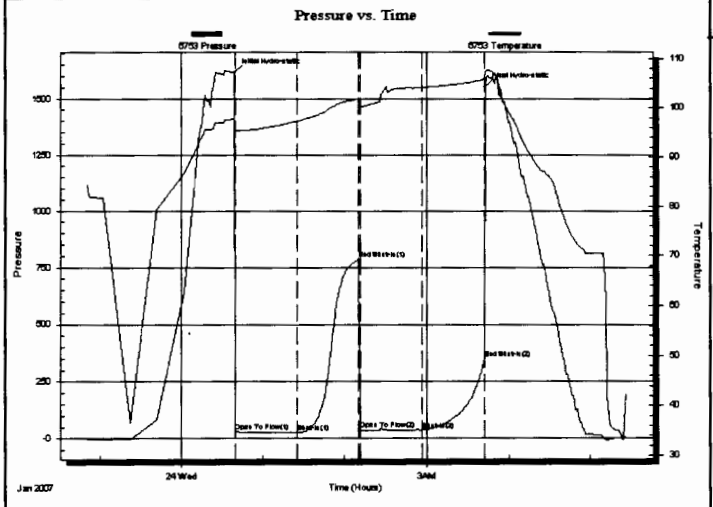
Interval: 3317.00 ft (KB) To 3344.00 ft (KB) (TVD)
Total Depth: 3344.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 1888.00 ft (KB)
1880.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6753 **Inside**
Press@RunDepth: 37.89 psig @ 3321.01 ft (KB)
Start Date: 2007.01.23 End Date: 2007.01.24
Start Time: 22:50:07 End Time: 05:26:31

Capacity: 7000.00 psig
Last Calib.: 2007.01.24
Time On Btm: 2007.01.24 @ 00:39:32
Time Off Btm: 2007.01.24 @ 03:42:31

TEST COMMENT: IFP Wk bl thru-out 1/4 " bl
FFP Wk bl thru-out 1/4 " bl
Times 45 45 45 45



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1615.55	97.68	Initial Hydro-static
1	30.95	95.37	Open To Flow (1)
46	26.75	97.28	Shut-In(1)
91	784.53	101.84	End Shut-In(1)
92	39.13	100.26	Open To Flow (2)
137	37.89	104.07	Shut-In(2)
183	349.37	105.84	End Shut-In(2)
183	1551.96	107.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	OCM 15%O 85%M	0.21
30.00	OCM 10%O 90%M	0.42
0.00	60 ' GIP	0.00

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operations Inc

PO Box 33
Russell KS 67665

ATTN: Allen Bangert

Hoffman #1

19 16S 11W Barton KS

Job Ticket: 25273 **DST#: 3**

Test Start: 2007.01.23 @ 22:50:07

Tool Information

Drill Pipe:	Length:	3324.00 ft	Diameter:	3.80 inches	Volume:	46.63 bbl	Tool Weight:		2200.00 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:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:		55000.00 lb
					Total Volume:	46.63 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		28.00 ft					String Weight:	Initial	41000.00 lb
Depth to Top Packer:		3317.00 ft						Final	41000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		27.02 ft							
Tool Length:		48.02 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			3297.00		
Shut In Tool	5.00			3302.00		
Hydraulic tool	5.00			3307.00		
Packer	5.00			3312.00	21.00	Bottom Of Top Packer
Packer	5.00			3317.00		
Stubb	1.00			3318.00		
Perforations	3.00			3321.00		
Recorder	0.01	6753	Inside	3321.01		
Perforations	20.00			3341.01		
Recorder	0.01	13534	Outside	3341.02		
Bullnose	3.00			3344.02	27.02	Bottom Packers & Anchor
Total Tool Length:	**48.02**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations Inc

PO Box 33
Russell KS 67665

ATTN: Allen Bangert

Hoffman #1

19 16S 11W Barton KS

Job Ticket: 25273 **DST#: 3**

Test Start: 2007.01.23 @ 22:50:07

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:	8.77 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5000.00 ppm				
Filter Cake:	2.00 inches				

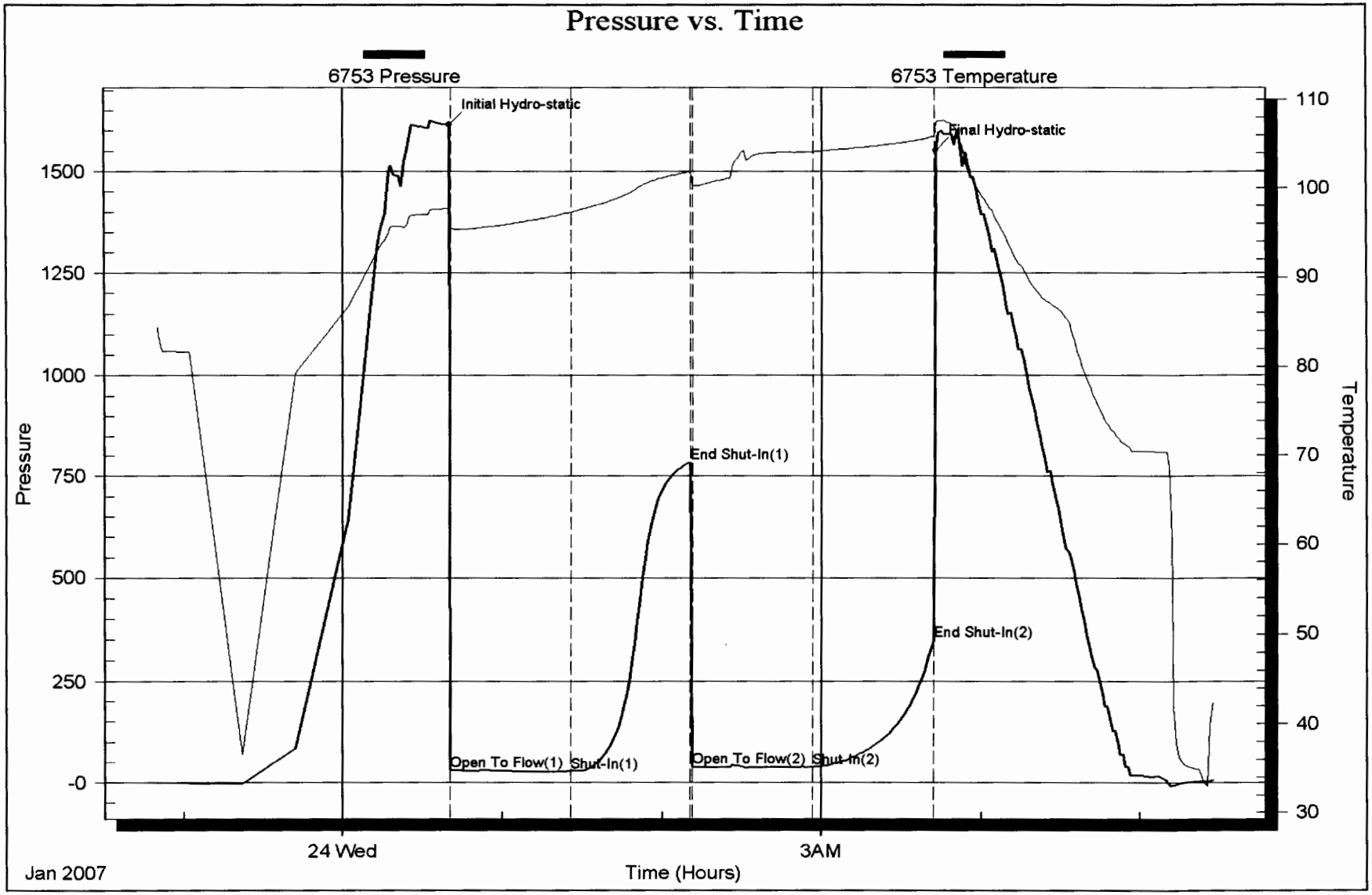
Recovery Information

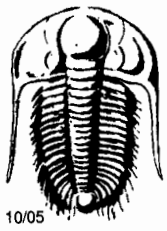
Recovery Table

Length ft	Description	Volume bbl
15.00	OCM 15%O 85%M	0.210
30.00	OCM 10%O 90%M	0.421
0.00	60 ' GIP	0.000

Total Length: 45.00 ft Total Volume: 0.631 bbl

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


Pressure vs. Time
6753 Pressure
6753 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)
Pressure
Temperature
1500
1250
1000
750
500
250
-0
110
100
90
80
70
60
50
40
30
24 Wed
3AM
Jan 2007
Time (Hours)



10/05

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

9772

25271

Test Ticket

Well Name & No. Hoffman #1 Test No. 1 Date 1-22-07

Company MAI Oil Operations Inc Zone Tested LKC H-J

Address P.O. Box 33 Russell, Ks 67665 Elevation 1888 KB 1880 GL

Co. Rep / Geo. Kitt Noah Rig Southwind rig 3

Location: Sec. 19 Twp. 16S Rge. 11W Co. Barton State Ks

Comment: Release date / time:

Interval Tested 3174-3245 Initial Str Wt./Lbs. 40000 Unseated Str Wt/Lbs. 40000

Anchor Length 71 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 50000

Top Packer Depth 3169 Tool Weight 2200

Bottom Packer Depth 3174 Hole Size 7 7/8" — Rubber Size 6 3/4" —

Total Depth 3245 Wt. Pipe Run — Drill Collar Run —

Mud Wt. 8.8 LCM 1/8 # Vis. 45 WL 10.9 Drill Pipe Size 4½ X H Ft. Run 3165

Blow Description IFP - Weak to a Fair Blow ½" to 5" Blow

FFP - Fair Blow thru-out 5" to 6" Blow

No Blow on Shut-in

Recovery - Total Feet 30 GIP 400 Ft. in DC — Ft. in DP 30

Rec. 30 Feet of 50-6CM 3 %gas 5 %oil %water 92 %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 103 °F Gravity — °API D @ — °F Corrected Gravity °API

RW — @ — °F Chlorides — ppm Recovery — Chlorides 5000 ppm System

	AK-1	Alpine					
(A) Initital Hydrostatic Mud		1553	PSI	Recorder No.	6753	Test ✓	1100
(B) First Initial Flow Pressure		49	PSI	(depth)	3180	Jars	
(C) First Final Flow Pressure		43	PSI	Recorder No.	13534	Safety Jt.	
(D) Initial Shut-In Pressure		199	PSI	(depth)	3213	Circ Sub	
(E) Second Initial Flow Pressure		64	PSI	Recorder No.	—	Sampler	
(F) Second Final Flow Pressure		48	PSI	(depth)	—	Straddle	
(G) Final Shut-In Pressure		158	PSI	**Initial Opening**	45	Ext. Packer	
(Q) Final Hydrostatic Mud		1532	PSI	Initial Shut-In	45	Shale Packer	
				Final Flow	45	Ruined Packer	
				Final Shut-In	45	Mileage ✓ 118 RT	147.50
				T-On Location	0715	Sub Total:	
				T-Started	0836	Std. By ¾	75
				T-Open	1110	Acc. Chg:	✓
				T-Pulled	1410	Other:	1372.50
				T-Out	1604	Total:	$ ✓

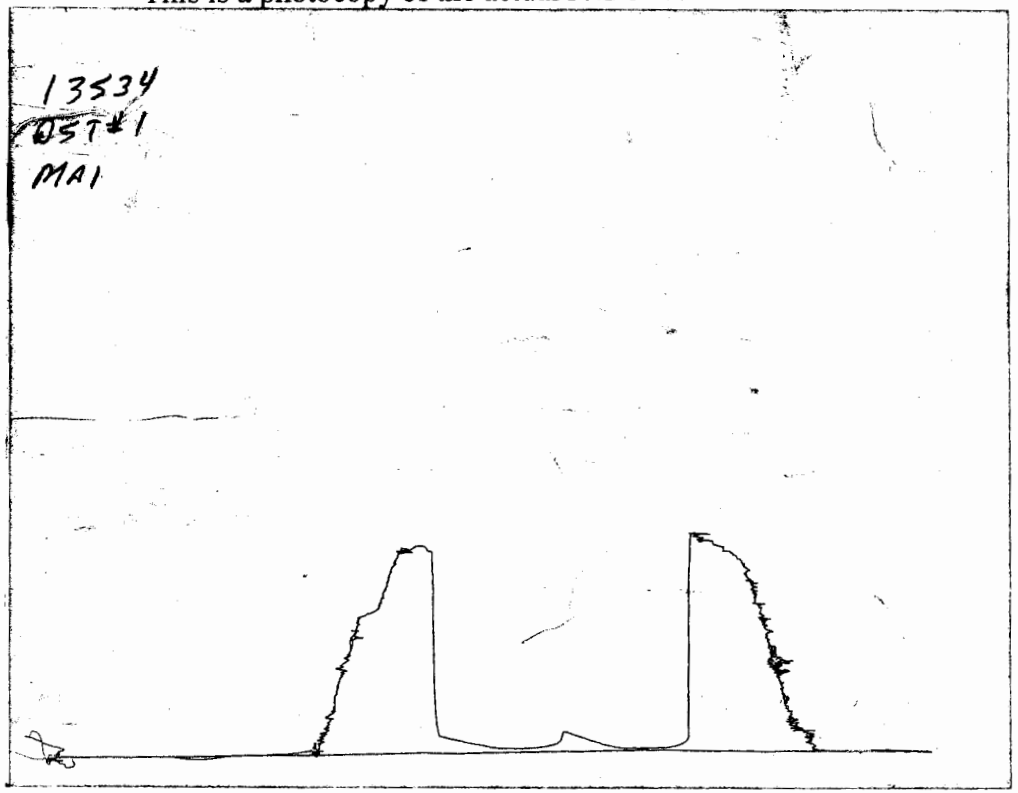
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Approved By Kitt Noah

Our Representative Ray Schwager Thank you

CHART PAGE

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



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

10/05

25272

Test Ticket

Well Name & No. Hoffman #1 Test No. 2 Date 1-23-07
Company MAI Oil Operations Inc Zone Tested Arbuckle
Address P.O. Box 33 Russell, Ks 67665 Elevation 1888 KB 1880 GL
Co. Rep / Geo. KITT Noah Rig Southwind rig 3
Location: Sec. 19 Twp. 16S Rge. 11W Co. Barton State Ks
Comment: Release date / time:

Interval Tested 3297-3317 Initial Str Wt./Lbs. 40000 Unseated Str Wt/Lbs. 40000
Anchor Length 20 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 50000
Top Packer Depth 3292 Tool Weight 2200
Bottom Packer Depth 3297 Hole Size 7 7/8" — Rubber Size 6 3/4" —
Total Depth 3317 Wt. Pipe Run — Drill Collar Run —
Mud Wt. 9.3 LCM 1/8# Vis. 47 WL 8 Drill Pipe Size 4½XH Ft. Run 3296
Blow Description IFP - Weak Blow Thru-out 3/4" To surface Blow
FFP - Weak Blow Thru-out ½" Blow

Recovery - Total Feet 20 GIP — Ft. in DC — Ft. in DP 20
Rec. 20 Feet of OCM %gas 10 %oil %water 90 %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 104 °F Gravity — °API D @ — °F Corrected Gravity °API
RW — @ — °F Chlorides — ppm Recovery — Chlorides 4000 ppm System

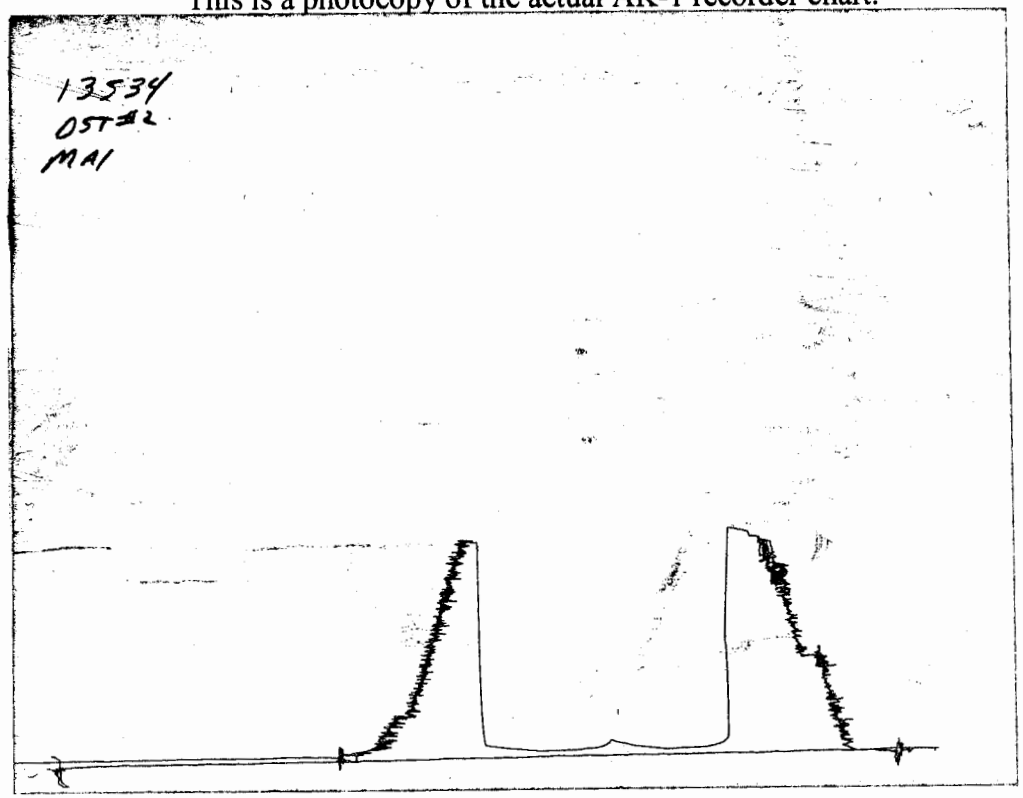
	AK-1	Alpine					
(A) Initial Hydrostatic Mud		1614	PSI	Recorder No.	6753	Test ✓	1100
(B) First Initial Flow Pressure		30	PSI	(depth)	3298	Jars	
(C) First Final Flow Pressure		19	PSI	Recorder No.	13534	Safety Jt.	
(D) Initial Shut-In Pressure		129	PSI	(depth)	3314	Circ Sub	
(E) Second Initial Flow Pressure		30	PSI	Recorder No.	—	Sampler	
(F) Second Final Flow Pressure		22	PSI	(depth)	—	Straddle	
(G) Final Shut-In Pressure		87	PSI	**Initial Opening**	45	Ext. Packer	
(Q) Final Hydrostatic Mud		1564	PSI	Initial Shut-In	45	Shale Packer	
				Final Flow	45	Ruined Packer	
				Final Shut-In	45	Mileage ✓ 40 RT	50
				T-On Location	0515	Sub Total:	
				T-Started	0604	Std. By	150
				T-Open	0835	Acc. Chg:	$1150
				T-Pulled	1135	Other:	
				T-Out	1300	Total:	

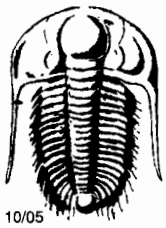
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Approved By Kitt Noah
Our Representative Ray Schwager Thank you

CHART PAGE

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10/05

TRILOBITE TESTING INC.

25273

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. Hoffman # 1 Test No. 3 Date 1-23-07

Company MAI Oil Operations Inc Zone Tested Conglomerate

Address P.O. Box 33 Russell, Ks 67665 Elevation 1888 KB 1880 GL

Co. Rep / Geo. Kitt Noah Rig Southwind rig 3

Location: Sec. 19 Twp. 16S Rge. 11W Co. Barton State Ks

Comment: Release date / time:

Interval Tested 3317 - 3344 Initial Str Wt./Lbs. 41000 Unseated Str Wt/Lbs. 41000

Anchor Length 27 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 55000

Top Packer Depth 3312 Tool Weight 2200

Bottom Packer Depth 3317 Hole Size 7 7/8" — Rubber Size 6 3/4" —

Total Depth 3344 Wt. Pipe Run — Drill Collar Run —

Mud Wt. 9 LCM TR Vis. 50 WL 8.8 Drill Pipe Size 4½XH Ft. Run 3324

Blow Description IFP-Weak Blow Thru-out 1/4" Blow
FFP-Weak Blow Thru-out 1/4" Blow

Recovery - Total Feet 45 GIP 60 Ft. in DC — Ft. in DP 45

Rec.	15	Feet of	OCM	%gas	15	%oil	%water	85	%mud
Rec.	30	Feet of	OCM	%gas	10	%oil	%water	90	%mud
Rec.		Feet of		%gas		%oil	%water		%mud
Rec.		Feet of		%gas		%oil	%water		%mud
Rec.		Feet of		%gas		%oil	%water		%mud

BHT 106 °F Gravity — °API D @ — °F Corrected Gravity °API

RW — @ — °F Chlorides — ppm Recovery Chlorides 3000 ppm System

	AK-1	Alpine					
(A) Initital Hydrostatic Mud		1617	PSI	Recorder No.	6753	Test ✓	1100
(B) First Initial Flow Pressure		30	PSI	(depth)	3321	Jars	
(C) First Final Flow Pressure		27	PSI	Recorder No.	13534	Safety Jt.	
(D) Initial Shut-In Pressure		784	PSI	(depth)	3341	Circ Sub	
(E) Second Initial Flow Pressure		39	PSI	Recorder No.	—	Sampler	
(F) Second Final Flow Pressure		37	PSI	(depth)	—	Straddle	
(G) Final Shut-In Pressure		349	PSI	**Initial Opening**	45	Ext. Packer	
(Q) Final Hydrostatic Mud		1592	PSI	Initial Shut-In	45	Shale Packer	
				Final Flow	45	Ruined Packer	
				Final Shut-In	45	Mileage ✓ 40 RT	50
				T-On Location	2130	Sub Total:	
				T-Started	2250	Std. By	
				T-Open	0040	Acc. Chg:	$ 1150
				T-Pulled	0340	Other:	
				T-Out	0526	Total:	

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Approved By Kitt Noah

Our Representative Ray Schwager Thank you

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