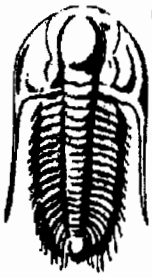
15-009-24823

9-16s-12w



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations, Inc.**

PO Box 33
Russell, Ks. 67665

ATTN: Dave Shumaker

9-16s-12w-Barton

N R Weber #1

Start Date: 2005.02.22 @ 01:38:58
End Date: 2005.02.22 @ 07:57:58
Job Ticket #: 20265 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: Dave Shumaker

N R Weber #1

9-16s-12w-Barton

Job Ticket: 20265 **DST#: 1**

Test Start: 2005.02.22 @ 01:38:58

GENERAL INFORMATION:

Formation: **Plattsmouth**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:19:28
Time Test Ended: 07:57:58

Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 32

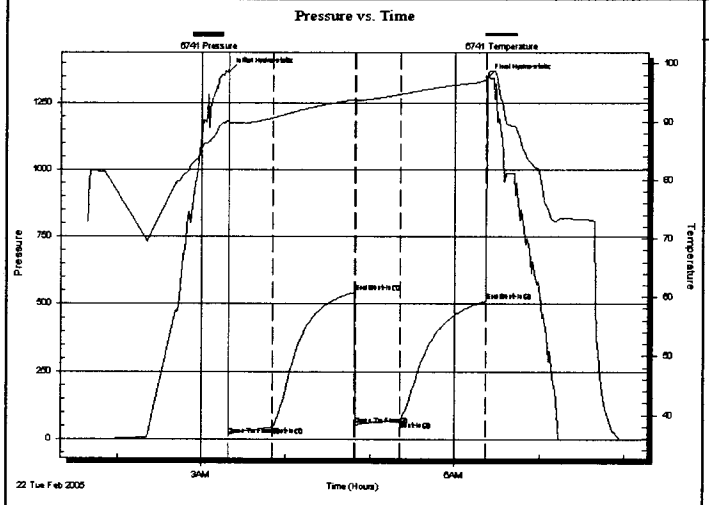
Interval: 2878.00 ft (KB) To 2930.00 ft (KB) (TVD)
Total Depth: 2930.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1897.00 ft (KB)
1892.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6741 **Inside**
Press@RunDepth: 68.27 psig @ 2881.00 ft (KB)
Start Date: 2005.02.22 End Date: 2005.02.22
Start Time: 01:39:00 End Time: 07:57:58

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2005.02.22 @ 03:19:13
Time Off Btm: 2005.02.22 @ 06:22:28

TEST COMMENT: IFP-Fair Blow ,Built to 6-1/2"
ISI-Dead
FFP-Fair Blow , Built to 5-1/2"
FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1367.77	90.09	Initial Hydro-static
1	15.59	89.81	Open To Flow (1)
32	44.70	90.65	Shut-In(1)
90	544.48	93.84	End Shut-In(1)
91	51.51	93.64	Open To Flow (2)
122	68.27	94.71	Shut-In(2)
183	512.52	97.19	End Shut-In(2)
184	1346.86	97.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	VSOCMW-3%O-12%W-85%M	0.30
65.00	SOCM-5%O-95%M	0.32

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: Dave Shumaker

N R Weber #1

9-16s-12w-Barton

Job Ticket: 20265 **DST#: 1**

Test Start: 2005.02.22 @ 01:38:58

Tool Information

Drill Pipe:	Length:	2760.00 ft	Diameter:	3.80 inches	Volume:	38.72 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	125.00 ft	Diameter:	2.25 inches	Volume:	0.61 bbl	
					Total Volume:	39.33 bbl	

Drill Pipe Above KB:	28.00 ft
Depth to Top Packer:	2878.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	52.00 ft
Tool Length:	73.00 ft
Number of Packers:	2
Diameter:	6.75 inches

Tool Weight:		2400.00 lb
Weight set on Packer:		25000.00 lb
Weight to Pull Loose:		50000.00 lb
Tool Chased		0.00 ft
String Weight:	Initial	34000.00 lb
	Final	34500.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			2858.00		
Shut In Tool	5.00			2863.00		
Hydraulic tool	5.00			2868.00		
Packer	5.00			2873.00	21.00	Bottom Of Top Packer
Packer	5.00			2878.00		
Stubb	1.00			2879.00		
Perforations	2.00			2881.00		
Recorder	0.00	6741	Inside	2881.00		
Change Over Sub	1.00			2882.00		
Blank Spacing	31.00			2913.00		
Change Over Sub	1.00			2914.00		
Perforations	13.00			2927.00		
Recorder	0.00	13221	Outside	2927.00		
Bullnose	3.00			2930.00	52.00	Bottom Packers & Anchor
Total Tool Length:	**73.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations, Inc.

PO Box 33
Russell, Ks. 67665

ATTN: Dave Shumaker

N R Weber #1

9-16s-12w-Barton

Job Ticket: 20265 **DST#: 1**

Test Start: 2005.02.22 @ 01:38:58

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:	12000 ppm
Viscosity:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.98 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

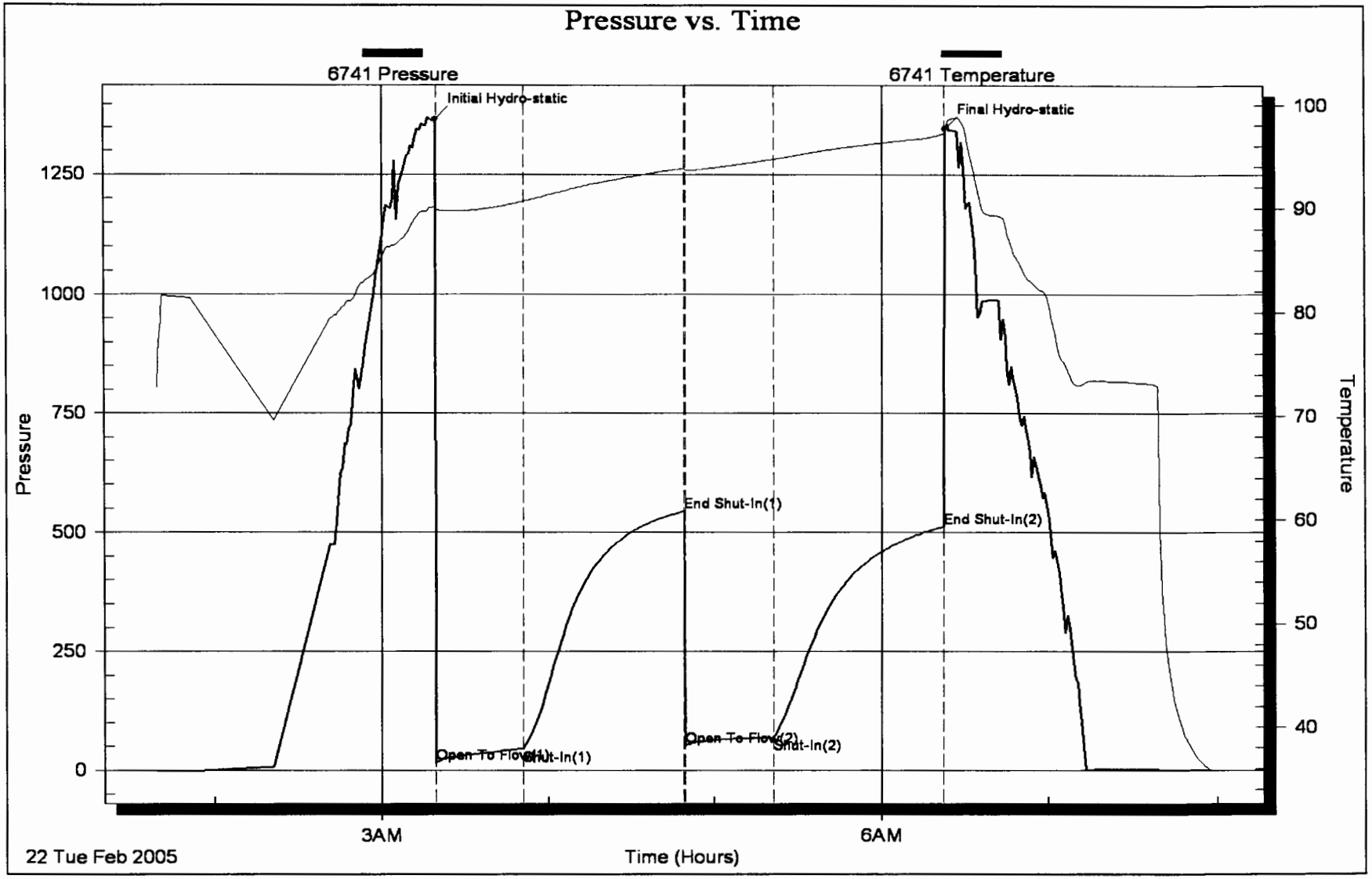
Length ft	Description	Volume bbl
60.00	VSOCMW-3%O-12%W-85%M	0.295
65.00	SOCM-5%O-95%M	0.320

Total Length: 125.00 ft Total Volume: 0.615 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6741 Pressure
6741 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
1250
1000
750
500
250
0
100
90
80
70
60
50
40
3AM
6AM
22 Tue Feb 2005
Time (Hours)

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations, Inc.**

PO Box 33
Russell, Ks. 67665

ATTN: Dave Shumaker

9-16s-12w-Barton

N R Weber #1

Start Date: 2005.02.22 @ 16:33:17
End Date: 2005.02.22 @ 22:43:02
Job Ticket #: 20266 DST #: 2

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: Dave Shumaker

N R Weber #1

9-16s-12w-Barton

Job Ticket: 20266 **DST#: 2**

Test Start: 2005.02.22 @ 16:33:17

GENERAL INFORMATION:

Formation: **Toronto-Douglas Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:11:02
Time Test Ended: 22:43:02

Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 32

Interval: 2944.00 ft (KB) To 3010.00 ft (KB) (TVD)
Total Depth: 3010.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good

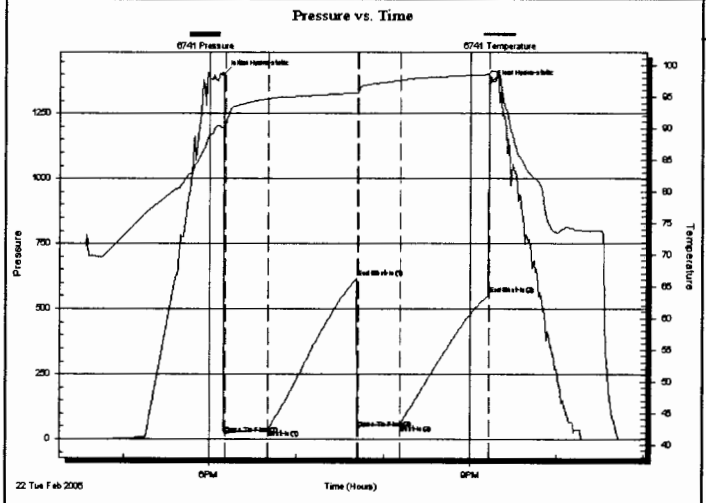
Reference Elevations: 1897.00 ft (KB)
1892.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6741 **Inside**

Press@RunDepth: 56.76 psig @ 2947.00 ft (KB)
Start Date: 2005.02.22 End Date: 2005.02.22
Start Time: 16:33:19 End Time: 22:43:02

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2005.02.22 @ 18:09:47
Time Off Btm: 2005.02.22 @ 21:13:02

TEST COMMENT: IFP-Strong Blow ,BOB in 2 Min.
ISI-Blow back Built to 1-3/4"
FFP-BOB on Opening
FSI-Weak Surface Blow back After 30 Min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1402.72	90.11	Initial Hydro-static
2	19.44	90.25	Open To Flow (1)
31	36.12	94.72	Shut-In(1)
92	617.39	95.68	End Shut-In(1)
93	41.55	95.81	Open To Flow (2)
122	56.76	97.62	Shut-In(2)
183	554.39	98.58	End Shut-In(2)
184	1363.83	98.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
110.00	VSOCM-2%O-98%M	0.54

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: Dave Shumaker

N R Weber #1

9-16s-12w-Barton

Job Ticket: 20266 **DST#: 2**

Test Start: 2005.02.22 @ 16:33:17

Tool Information

Drill Pipe:	Length:	2816.00 ft	Diameter:	3.80 inches	Volume:	39.50 bbl	Tool Weight:		2700.00 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:	125.00 ft	Diameter:	2.25 inches	Volume:	0.61 bbl	Weight to Pull Loose:		36000.00 lb
					Total Volume:	40.11 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		18.00 ft					String Weight:	Initial	34000.00 lb
Depth to Top Packer:		2944.00 ft						Final	34000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		66.00 ft							
Tool Length:		87.00 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			2924.00		
Shut In Tool	5.00			2929.00		
Hydraulic tool	5.00			2934.00		
Packer	5.00			2939.00	21.00	Bottom Of Top Packer
Packer	5.00			2944.00		
Stubb	1.00			2945.00		
Perforations	2.00			2947.00		
Recorder	0.00	6741	Inside	2947.00		
Change Over Sub	1.00			2948.00		
Blank Spacing	31.00			2979.00		
Change Over Sub	1.00			2980.00		
Perforations	27.00			3007.00		
Recorder	0.00	13221	Outside	3007.00		
Bullnose	3.00			3010.00	66.00	Bottom Packers & Anchor
Total Tool Length:	**87.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations, Inc.

PO Box 33
Russell, Ks. 67665

ATTN: Dave Shumaker

N R Weber #1

9-16s-12w-Barton

Job Ticket: 20266 **DST#: 2**

Test Start: 2005.02.22 @ 16:33:17

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:	49.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.78 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

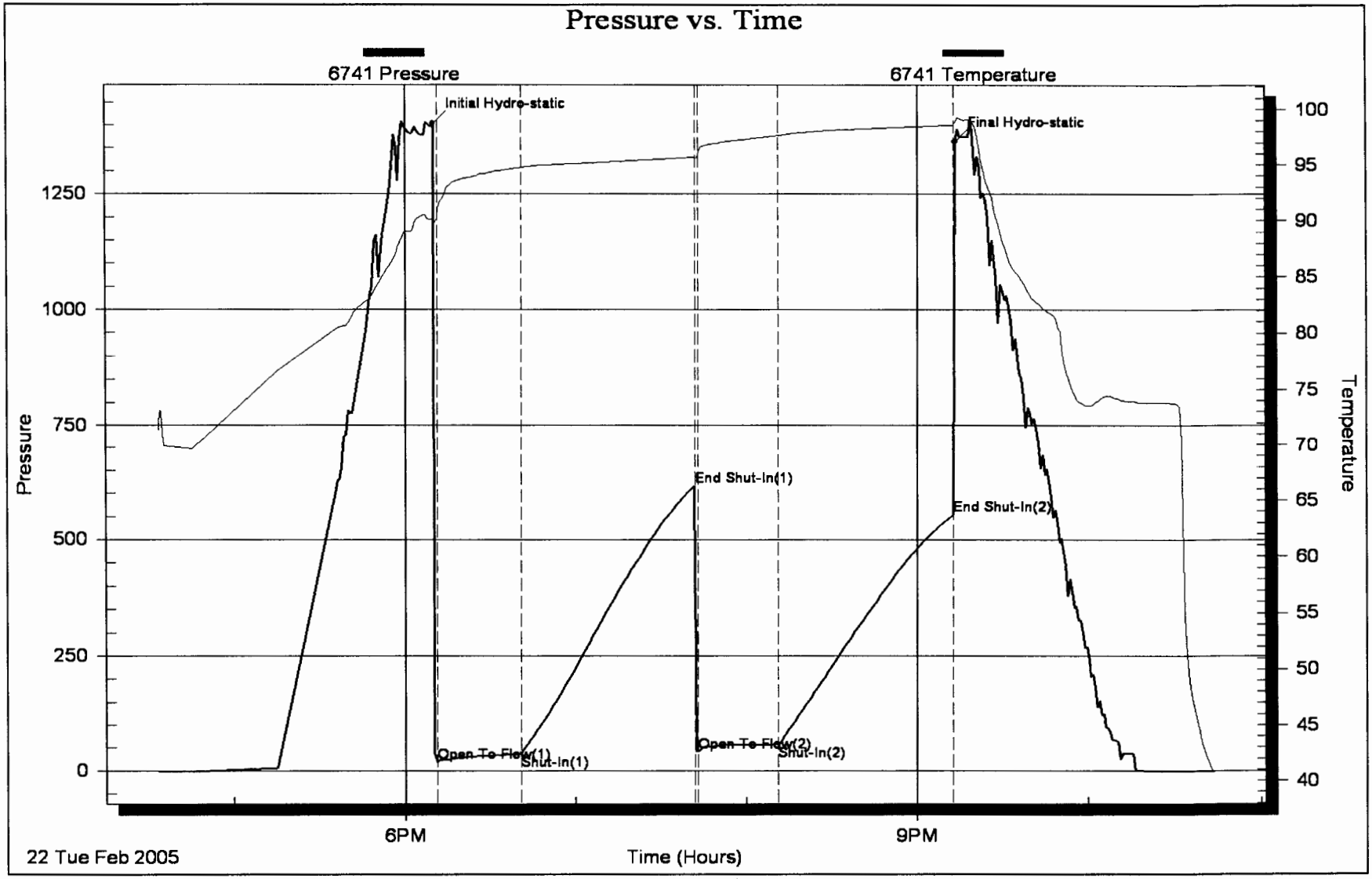
Length ft	Description	Volume bbl
110.00	VSOCM-2%O-98%M	0.541

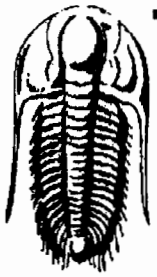
Total Length: 110.00 ft Total Volume: 0.541 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6741 Pressure
6741 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)
1250
1000
750
500
250
0
Pressure
100
95
90
85
80
75
70
65
60
55
50
45
40
Temperature
6PM
9PM
Time (Hours)
22 Tue Feb 2005



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations, Inc.**

PO Box 33
Russell, Ks. 67665

ATTN: Dave Shumaker

9-16s-12w-Barton

N R Weber #1

Start Date: 2005.02.23 @ 05:37:02
End Date: 2005.02.23 @ 12:06:17
Job Ticket #: 20267 DST #: 3

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: Dave Shumaker

N R Weber #1

9-16s-12w-Barton

Job Ticket: 20267 **DST#: 3**

Test Start: 2005.02.23 @ 05:37:02

GENERAL INFORMATION:

Formation: **LKC-"A-B"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:10:17
Time Test Ended: 12:06:17

Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 32

Interval: 3043.00 ft (KB) To 3090.00 ft (KB) (TVD)
Total Depth: 3090.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good

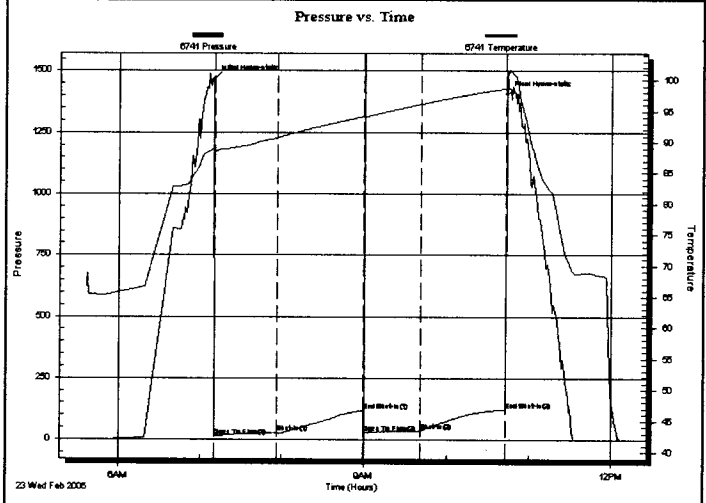
Reference Elevations: 1897.00 ft (KB)
1892.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6741 **Inside**

Press@RunDepth: 36.71 psig @ 3046.00 ft (KB)
Start Date: 2005.02.23 End Date: 2005.02.23
Start Time: 05:37:04 End Time: 12:06:17

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2005.02.23 @ 07:10:02
Time Off Btm: 2005.02.23 @ 10:43:32

TEST COMMENT: IFP-Weak Blow , Built to 2-1/4"
ISI-Dead
FFP-Weak Blow , Built to 3"
FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1468.15	88.98	Initial Hydro-static
1	12.87	88.67	Open To Flow (1)
47	27.14	90.75	Shut-In(1)
109	118.51	94.19	End Shut-In(1)
110	28.87	94.15	Open To Flow (2)
151	36.71	96.18	Shut-In(2)
213	122.54	98.72	End Shut-In(2)
214	1405.55	100.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
55.00	Gassy Oil Cut Mud-15%G-12%O-8%W-	0.271
0.00	Clean Oil in Tool	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: Dave Shumaker

N R Weber #1

9-16s-12w-Barton

Job Ticket: 20267 **DST#: 3**

Test Start: 2005.02.23 @ 05:37:02

Tool Information

Drill Pipe:	Length:	2915.00 ft	Diameter:	3.80 inches	Volume:	40.89 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:		25000.00 lb
Drill Collar:	Length:	125.00 ft	Diameter:	2.25 inches	Volume:	0.61 bbl	Weight to Pull Loose:		36000.00 lb
					Total Volume:	41.50 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		18.00 ft					String Weight:	Initial	35000.00 lb
Depth to Top Packer:		3043.00 ft						Final	35000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		47.00 ft							
Tool Length:		68.00 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			3023.00		
Shut In Tool	5.00			3028.00		
Hydraulic tool	5.00			3033.00		
Packer	5.00			3038.00	21.00	Bottom Of Top Packer
Packer	5.00			3043.00		
Stubb	1.00			3044.00		
Perforations	2.00			3046.00		
Recorder	0.00	6741	Inside	3046.00		
Change Over Sub	1.00			3047.00		
Blank Spacing	31.00			3078.00		
Change Over Sub	1.00			3079.00		
Perforations	8.00			3087.00		
Recorder	0.00	13221	Outside	3087.00		
Bullnose	3.00			3090.00	47.00	Bottom Packers & Anchor
Total Tool Length:	**68.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations, Inc.

PO Box 33
Russell, Ks. 67665

ATTN: Dave Shumaker

N R Weber #1

9-16s-12w-Barton

Job Ticket: 20267 **DST#: 3**

Test Start: 2005.02.23 @ 05:37:02

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:	49.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.79 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

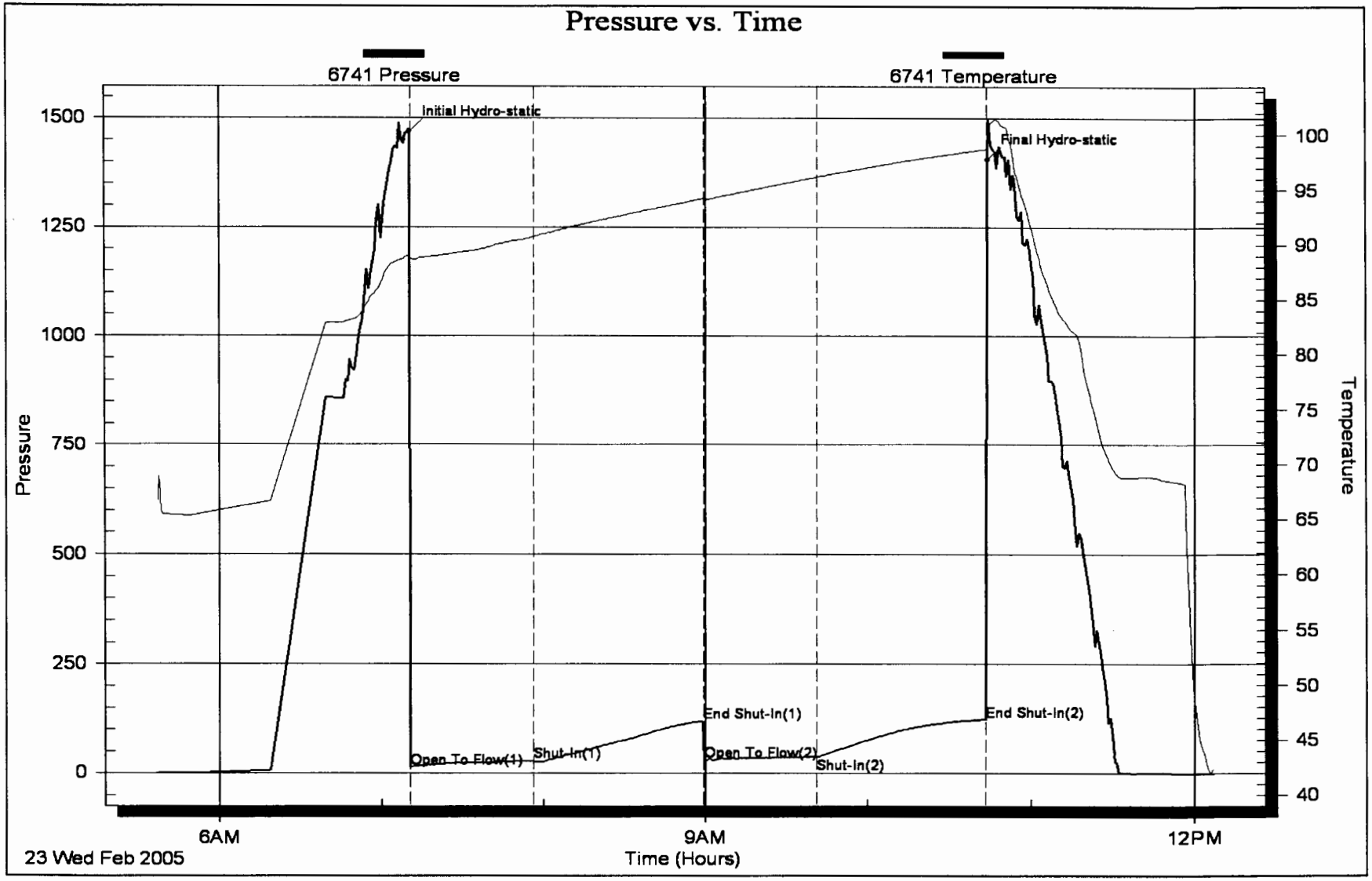
Length ft	Description	Volume bbl
55.00	Gassy Oil Cut Mud-15%G-12%O-8%W-65%M	0.270
0.00	Clean Oil in Tool	0.000

Total Length: 55.00 ft Total Volume: 0.270 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6741 Pressure
6741 Temperature
Initial Hydro-static
Final Hydro-static
Open To Flow(1)
Shut-In(1)
End Shut-In(1)
Open To Flow(2)
Shut-In(2)
End Shut-In(2)
Pressure
Temperature
1500
1250
1000
750
500
250
0
100
95
90
85
80
75
70
65
60
55
50
45
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6AM
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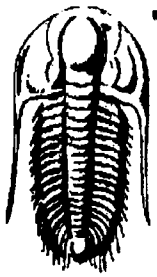
12PM
23 Wed Feb 2005
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations, Inc.**

PO Box 33
Russell, Ks. 67665

ATTN: Dave Shumaker

9-16s-12w-Barton

N R Weber #1

Start Date: 2005.02.24 @ 02:37:15
End Date: 2005.02.24 @ 09:38:45
Job Ticket #: 20268 DST #: 4

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: Dave Shumaker

N R Weber #1

9-16s-12w-Barton

Job Ticket: 20268 **DST#: 4**

Test Start: 2005.02.24 @ 02:37:15

GENERAL INFORMATION:

Formation: LKC-"H-J"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:15:30
Time Test Ended: 09:38:45

Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 32

Interval: 3193.00 ft (KB) To 3250.00 ft (KB) (TVD)
Total Depth: 3250.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good

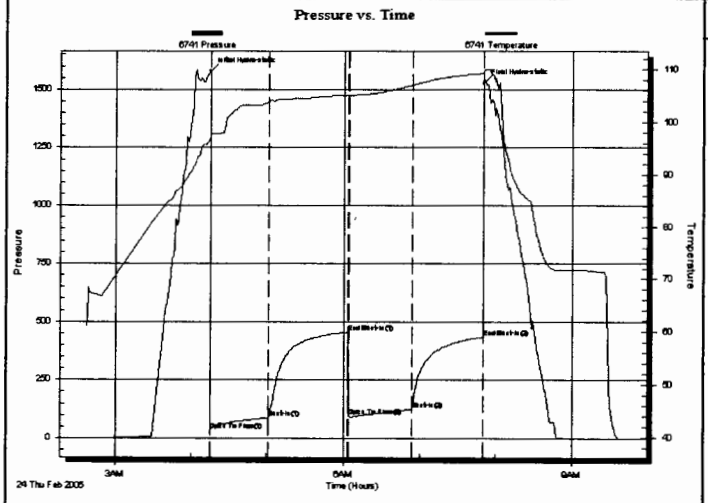
Reference Elevations: 1897.00 ft (KB)
1892.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6741 **Inside**

Press@RunDepth: 124.64 psig @ 3196.00 ft (KB)
Start Date: 2005.02.24 End Date: 2005.02.24
Start Time: 02:37:17 End Time: 09:38:45

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2005.02.24 @ 04:15:00
Time Off Btm: 2005.02.24 @ 07:50:00

TEST COMMENT: IFP-Good Blow ,BOB in 8 Min.
ISI-Blow back Built to 5"
FFP-Strong Blow ,BOB in 4 Min
FFP-Blow back Built to 4-1/2"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1578.29	97.30	Initial Hydro-static
1	34.15	97.42	Open To Flow (1)
47	87.06	103.85	Shut-In(1)
108	454.50	105.16	End Shut-In(1)
109	97.21	105.10	Open To Flow (2)
159	124.64	107.10	Shut-In(2)
215	434.31	109.30	End Shut-In(2)
215	1526.49	109.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Muddy Watrer	0.30
110.00	Gassy HOCMW-30%G-40%O-15%W-15%	0.95
20.00	Muddy Oil-10%G-85%O-5%M	0.28
60.00	Gassy HOCM-20%G-40%O-40%M	0.84

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: Dave Shumaker

N R Weber #1

9-16s-12w-Barton

Job Ticket: 20268 **DST#: 4**

Test Start: 2005.02.24 @ 02:37:15

Tool Information

Drill Pipe:	Length:	3071.00 ft	Diameter:	3.80 inches	Volume:	43.08 bbl	Tool Weight:	2200.00 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:	125.00 ft	Diameter:	2.25 inches	Volume:	0.61 bbl	Weight to Pull Loose:	42000.00 lb
					Total Volume:	43.69 bbl	Tool Chased	3.00 ft
Drill Pipe Above KB:		24.00 ft					String Weight: Initial	36000.00 lb
Depth to Top Packer:		3193.00 ft					Final	38000.00 lb
Depth to Bottom Packer:		ft						
Interval betw een Packers:		57.00 ft						
Tool Length:		78.00 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			3173.00		
Shut In Tool	5.00			3178.00		
Hydraulic tool	5.00			3183.00		
Packer	5.00			3188.00	21.00	Bottom Of Top Packer
Packer	5.00			3193.00		
Stubb	1.00			3194.00		
Perforations	2.00			3196.00		
Recorder	0.00	6741	Inside	3196.00		
Change Over Sub	1.00			3197.00		
Blank Spacing	31.00			3228.00		
Change Over Sub	1.00			3229.00		
Perforations	18.00			3247.00		
Recorder	0.00	13221	Outside	3247.00		
Bullnose	3.00			3250.00	57.00	Bottom Packers & Anchor
Total Tool Length:	**78.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations, Inc.

PO Box 33
Russell, Ks. 67665

ATTN: Dave Shumaker

N R Weber #1

9-16s-12w-Barton

Job Ticket: 20268 **DST#: 4**

Test Start: 2005.02.24 @ 02:37:15

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	41 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	3200 ppm
Viscosity:	46.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.39 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	6000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

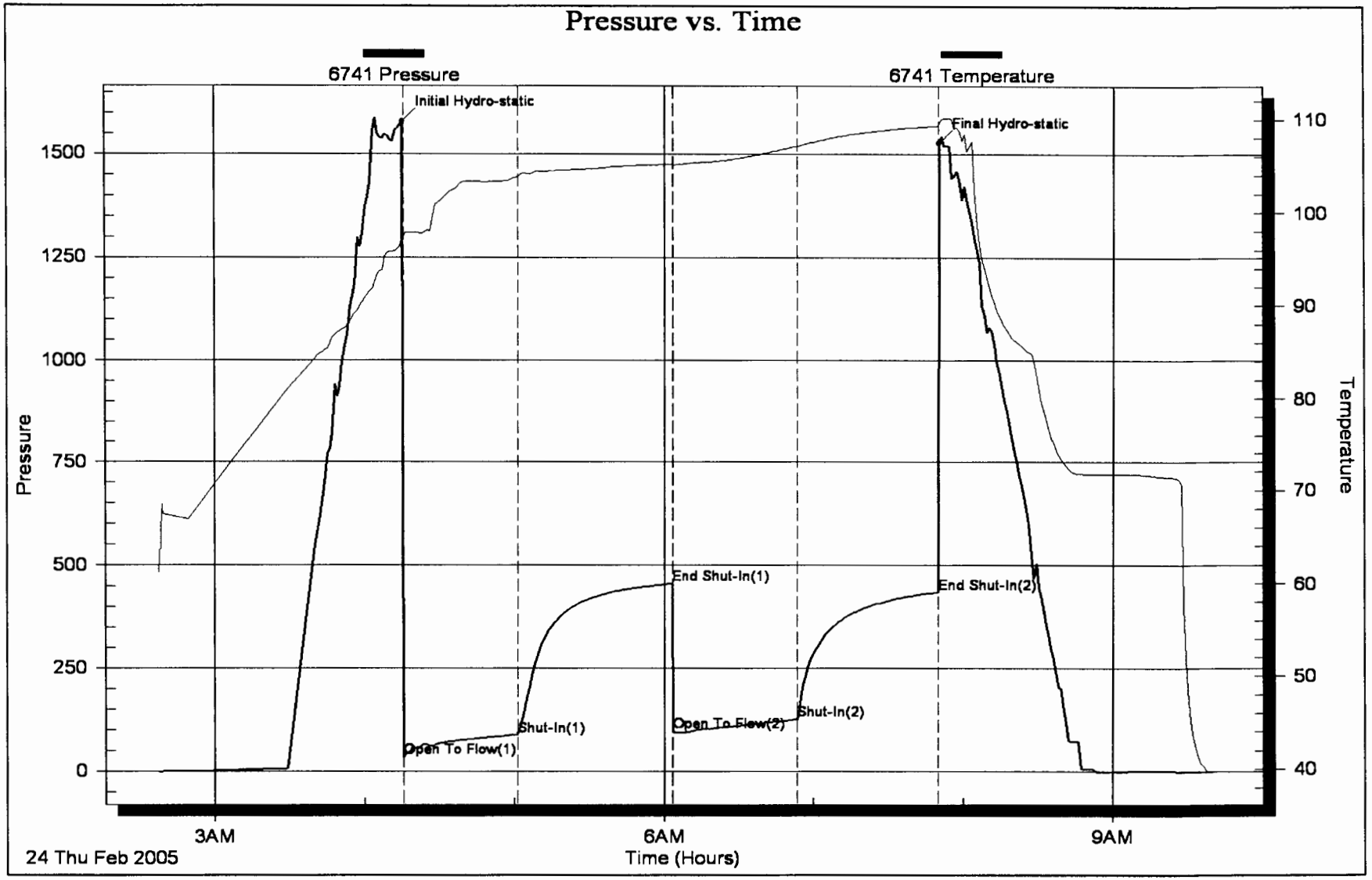
Length ft	Description	Volume bbl
60.00	Muddy Watrer	0.295
110.00	Gassy HOCMW-30%G-40%O-15%W-15%M	0.951
20.00	Muddy Oil-10%G-85%O-5%M	0.281
60.00	Gassy HOCM-20%G-40%O-40%M	0.842

Total Length: 250.00 ft Total Volume: 2.369 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6741 Pressure
6741 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure
Temperature
1500
1250
1000
750
500
250
0
110
100
90
80
70
60
50
40
3AM
6AM
9AM
24 Thu Feb 2005
Time (Hours)

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

INV 7218

№ 20265

05/03

Test Ticket

Well Name & No. N.R. Weber #1 Test No. 1 Date 2-21-05

Company Mai Oil Operations, Inc. Zone Tested Platts mouth

Address Po Box 33, Russell, Ks. 67665 Elevation 1897 KB 1892 GL

Co. Rep / Geo. Dave Shumaker Cont. Murfin #16 Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 9 Twp. 16s Rge. 12w Co. Barton State Ks

No. of Copies Reg. Disbtribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 2878 - 2930 Initial Str Wt./Lbs. 34,000 Unseated Str Wt/Lbs. 34500

Anchor Length 52' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 50,000

Top Packer Depth 2873 Tool Weight 2400

Bottom Packer Depth 2878 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 2930 Wt. Pipe Run 0 Drill Collar Run 125

Mud Wt. 8.8 LCM Tr Vis. 50 WL 8.0 Drill Pipe Size 4½XH Ft. Run 2760

Blow Description IFP - Fair Blow, Built to 6½"

ISI - Dead

FFP - Fair Blow, Built to 5½"

FSI - Dead

Recovery - Total Feet 125 GIP _____ Ft. in DC _____ Ft. in DP _____

Rec.	65	Feet of	SOCM	%gas	5	%oil	%water	95	%mud
Rec.	60	Feet of	VSOCMW	%gas	3	%oil	12 %water	85	%mud
Rec.		Feet of		%gas		%oil	%water		%mud
Rec.		Feet of		%gas		%oil	%water		%mud
Rec.		Feet of		%gas		%oil	%water		%mud

BHT _____ °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API

RW .822 @ 37° °F Chlorides 12,000 ppm Recovery _____ Chlorides 5,000 ppm System

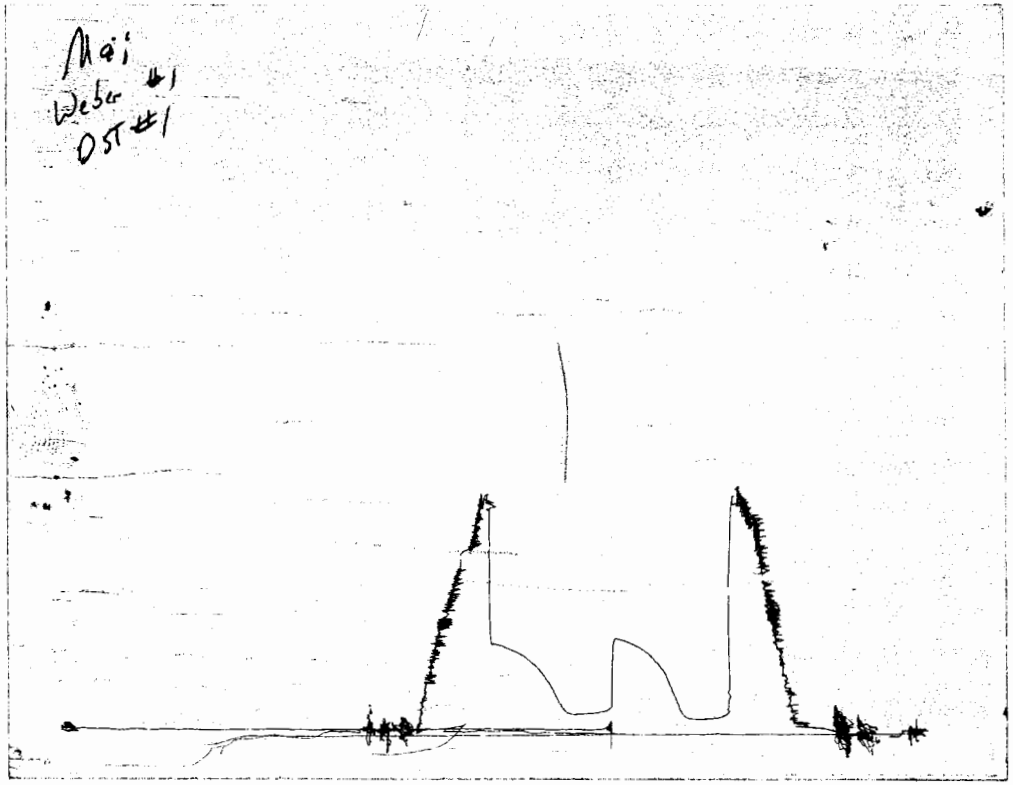
	AK-1	Alpine					
(A) Initital Hydrostatic Mud		1368	PSI	Recorder No.	6741	Test ✓	900
(B) First Initial Flow Pressure		16	PSI	(depth)	2882	Elec. Rec. ✓	
(C) First Final Flow Pressure		45	PSI	Recorder No.	13221	Jars	
(D) Initial Shut-In Pressure		544	PSI	(depth)	2927	Safety Jt.	
(E) Second Initial Flow Pressure		51	PSI	Recorder No.		Circ Sub	
(F) Second Final Flow Pressure		68	PSI	(depth)		Sampler	
(G) Final Shut-In Pressure		513	PSI	**Initial Opening**	30	Straddle	
(Q) Final Hydrostatic Mud		1347	PSI	Initial Shut-In	60	Ext. Packer	
				Final Flow	30	Shale Packer	
				Final Shut-In	60	Mileage 116	116
				T-On Location	00:15	Sub Total:	1016
				T-Started	1:38	Std. By	
				T-Open	3:19	Other	
				T-Pulled	6:19	Total:	
				T-Out	7:48		

Approved By _____

Our Representative Jason McLemore 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

№ 20266

05/03

Test Ticket

Well Name & No. N. R. Weber #1 Test No. 2 Date 2-22-05

Company Mai Oil Operations, Inc. Zone Tested Toronto - Douglas Sand

Address PO Box 33, Russell, Ks, 67665 Elevation 1897 KB 1892 GL

Co. Rep / Geo. Dave Shumaker Cont. Murfin #16 Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 9 Twp. 16s Rge. 12w Co. Barton State KS

No. of Copies Reg Disbtribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 2944 - 3010 Initial Str Wt./Lbs. 34,000 Unseated Str Wt/Lbs. 34,000

Anchor Length 66' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 36,000

Top Packer Depth 2939 Tool Weight 2700

Bottom Packer Depth 2944 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 3010 Wt. Pipe Run 0 Drill Collar Run 125

Mud Wt. 9.0 LCM Tr Vis. 49 WL 8.8 Drill Pipe Size 4½ XH Ft. Run 2816

Blow Description IFP- Strong Blow, BOB in 2 min.
ISI - Blowback Built to 1 3/4"
FFP- BOB on open
FSI - Weak Surface Blowback after 30 min.

Recovery - Total Feet _____ GIP 720 Ft. in DC _____ Ft. in DP _____

Rec.	110	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 _____ °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 5,000 ppm System

	AK-1	Alpine					
(A) Initital Hydrostatic Mud		1403	PSI	Recorder No.	6741	Test	✓
(B) First Initial Flow Pressure		19	PSI	(depth)	2948	Elec. Rec.	✓
(C) First Final Flow Pressure		36	PSI	Recorder No.	13221	Jars	
(D) Initial Shut-In Pressure		617	PSI	(depth)	3007	Safety Jt.	
(E) Second Initial Flow Pressure		42	PSI	Recorder No.		Circ Sub	
(F) Second Final Flow Pressure		57	PSI	(depth)		Sampler	
(G) Final Shut-In Pressure		554	PSI	**Initial Opening**	30	Straddle	
(Q) Final Hydrostatic Mud		1364	PSI	Initial Shut-In	60	Ext. Packer	
				Final Flow	30	Shale Packer	
				Final Shut-In	60	Mileage	116
				T-On Location	16:00	Sub Total:	
				T-Started	16:33	Std. By	
				T-Open	18:09	Other	
				T-Pulled	21:09	Total:	
				T-Out	22:41		

Approved By _____

Our Representative Jason McLemore Thank You

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

05/03

№ 20267

Test Ticket

Well Name & No. N. R. Weber #1 Test No. 3 Date 2-23-05

Company Mai Oil Operations, Inc Zone Tested LKC - "A-B"

Address PO Box 33, Russell, Ks. 67665 Elevation 1897 KB 1892 GL

Co. Rep / Geo. Dave Shumaker Cont. Murfin #16 Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 9 Twp. 16s Rge. 12w Co. Barton State Ks

No. of Copies Reg Disbtribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3043 - 3090 Initial Str Wt./Lbs. 35,000 Unseated Str Wt/Lbs. 35,000

Anchor Length 47' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 36,000

Top Packer Depth 3038 Tool Weight 2.000

Bottom Packer Depth 3043 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 3090 Wt. Pipe Run 0 Drill Collar Run 125

Mud Wt. 9.0 LCM Tr Vis. 49 WL 8.8 Drill Pipe Size 4½ XH Ft. Run 2915

Blow Description IFP - Weak Blow, Built to 2¼"
ISI - Dead
FFP - Weak Blow, Built to 3"
FSI - Dead

Recovery - Total Feet 55 GIP 30 Ft. in DC _____ Ft. in DP _____

Rec. 55	Feet of Gassy Oil cut mud	15 %gas	12 %oil	8 %water	65 %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 _____ °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 5,000 ppm System

	AK-1	Alpine				
(A) Initital Hydrostatic Mud		1468	PSI	Recorder No.	6741	Test ✓
(B) First Initial Flow Pressure		13	PSI	(depth)	3047	Elec. Rec. ✓
(C) First Final Flow Pressure		27	PSI	Recorder No.	13221	Jars
(D) Initial Shut-In Pressure		119	PSI	(depth)	3087	Safety Jt.
(E) Second Initial Flow Pressure		29	PSI	Recorder No.		Circ Sub
(F) Second Final Flow Pressure		37	PSI	(depth)		Sampler
(G) Final Shut-In Pressure		123	PSI	**Initial Opening**	45	Straddle
(Q) Final Hydrostatic Mud		1405	PSI	Initial Shut-In	60	Ext. Packer
				Final Flow	45	Shale Packer
				Final Shut-In	60	Mileage 116
				T-On Location	5:22	Sub Total:
				T-Started	5:36	Std. By
				T-Open	7:10	Other
				T-Pulled	10:40	Total:
				T-Out	12:00	

Approved By _____

Our Representative Jason McLamore Thank You

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

05/03

№ 20268

Test Ticket

Well Name & No. N. R. Weber #1 Test No. 4 Date 2-24-05

Company Mai Oil Operations, Inc. Zone Tested LKC "H-J"

Address PO Box 33, Russell, Ks. 67665 Elevation 1897 KB 1892 GL

Co. Rep / Geo. Dave Shumaker Cont. Murfin #16 Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 9 Twp. 16s Rge. 12w Co. Barton State Ks

No. of Copies Reg Disbtribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3193 - 3250 Initial Str Wt./Lbs. 36,000 Unseated Str Wt/Lbs. 38,000

Anchor Length [redacted]' 57' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 42,000

Top Packer Depth 3188 Tool Weight 2200

Bottom Packer Depth 3193 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 3250 Wt. Pipe Run 0 Drill Collar Run 125

Mud Wt. 9.1 LCM Tr Vis. 46 WL 8.4 Drill Pipe Size 4½ XH Ft. Run 3071

Blow Description IFP - Good Blow, BOB in 8 min
ISI - Blowback Built to 5"
FFP - Strong Blow, BOB in 4 min
FSI - Blowback Built to 4½"

Recovery - Total Feet 250 GIP 1130 Ft. in DC _____ Ft. in DP _____

Rec. 60	Feet of Gassy MOCM	20 %gas	40 %oil	%water	40 %mud	
Rec. 20	Feet of Muddy Oil	10 %gas	85 %oil	%water	5 %mud	
Rec. 110	Feet of Gassy MOCMW	30 %gas	40 %oil	15 %water	15 %mud	
Rec. 60	Feet of Muddy Water	%gas	%oil	90 %water	10 %mud	
Rec. _____	Feet of _____	%gas	%oil	%water	%mud	

BHT _____ °F Gravity 40 °API D @ 50 °F Corrected Gravity 41 °API

RW .275 @ 42° °F Chlorides 3,200 ppm Recovery _____ Chlorides 6,000 ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud		1578 PSI	Recorder No.	6741	Test	✓
(B) First Initial Flow Pressure		34 PSI	(depth)	3197	Elec. Rec.	✓
(C) First Final Flow Pressure		87 PSI	Recorder No.	13221	Jars	
(D) Initial Shut-In Pressure		454 PSI	(depth)	3247	Safety Jt.	
(E) Second Initial Flow Pressure		97 PSI	Recorder No.		Circ Sub	
(F) Second Final Flow Pressure		125 PSI	(depth)		Sampler	
(G) Final Shut-In Pressure		434 PSI	**Initial Opening**	45	Straddle	
(Q) Final Hydrostatic Mud		1526 PSI	Initial Shut-In	60	Ext. Packer	
			Final Flow	45	Shale Packer	
			Final Shut-In	60	Mileage	116
			T-On Location	2:00	Sub Total:	
			T-Started	2:37	Std. By	
			T-Open	4:14	Other	
			T-Pulled	7:44	Total:	
			T-Out	9:30		

Approved By _____

Our Representative Jason McLemore Thank You