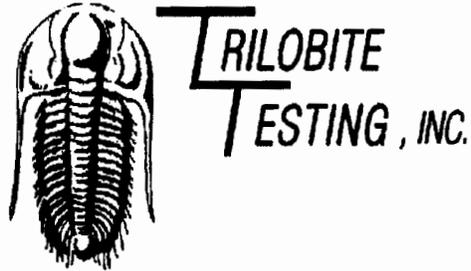


15-009-25026

10-16s-14w



DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

PO Box 33
Russell KS 67665

ATTN: Allen Bangert

10 16 14 Barton KS

Duane Popp # 1

Start Date: 2007.02.24 @ 21:25:40

End Date: 2007.02.25 @ 04:18:40

Job Ticket #: 27568 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

Mai Oil Operations Inc
PO Box 33
Russell KS 67665
ATTN: Allen Bangert

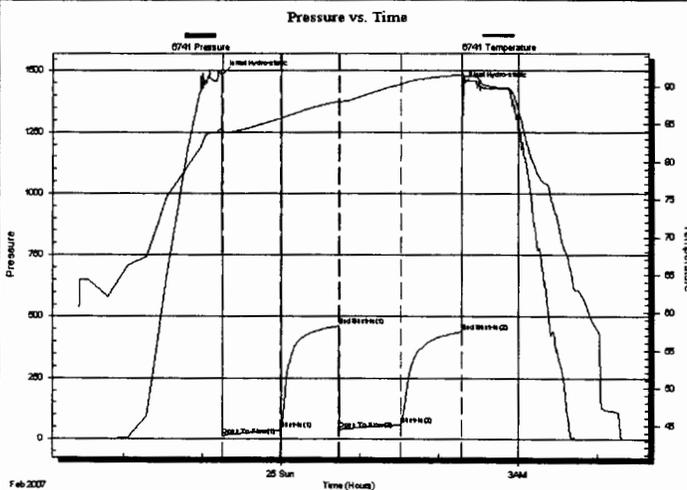
Duane Popp # 1
10 16 14 Barton KS
Job Ticket: 27568 DST#: 1
Test Start: 2007.02.24 @ 21:25:40

GENERAL INFORMATION:

Formation: **LKC**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 23:15:10
Time Test Ended: 04:18:40
Test Type: **Conventional Bottom Hole**
Tester: **Dan Bangle**
Unit No: **38**
Interval: **3145.00 ft (KB) To 3185.00 ft (KB) (TVD)**
Reference Elevations: **1929.00 ft (KB)**
1923.00 ft (CF)
Total Depth: **3185.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**
KB to GR/CF: **6.00 ft**

Serial #: 6741 **Inside**
Press@RunDepth: **57.71 psig @ 3146.00 ft (KB)**
Capacity: **7000.00 psig**
Start Date: **2007.02.24** End Date: **2007.02.25** Last Calib.: **2007.02.25**
Start Time: **21:25:42** End Time: **04:18:40** Time On Btm: **2007.02.24 @ 23:15:00**
Time Off Btm: **2007.02.25 @ 02:17:40**

TEST COMMENT: IF Weak building to 3/4 "
FF Weak building to 1/2 "



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1486.62	84.26	Initial Hydro-static
1	11.01	83.60	Open To Flow (1)
45	37.59	85.78	Shut-in(1)
89	461.74	88.01	End Shut-in(1)
90	39.02	87.94	Open To Flow (2)
136	57.71	90.32	Shut-in(2)
183	439.14	91.53	End Shut-in(2)
183	1437.57	92.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	Wtr	1.26

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operations Inc

Duane Popp # 1

PO Box 33
Russell KS 67665

10 16 14 Barton KS

Job Ticket: 27568

DST#: 1

ATTN: Allen Bangert

Test Start: 2007.02.24 @ 21:25:40

Tool Information

Drill Pipe:	Length: 3132.00 ft	Diameter: 3.80 inches	Volume: 43.93 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 43.93 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3145.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	61.00 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			3125.00	
Shut In Tool	5.00			3130.00	
Hydraulic tool	5.00			3135.00	
Packer	5.00			3140.00	21.00 Bottom Of Top Packer
Packer	5.00			3145.00	
Stubb	1.00			3146.00	
Recorder	0.00	6741	Inside	3146.00	
Perforations	36.00			3182.00	
Recorder	0.00	13254	Outside	3182.00	
Bullnose	3.00			3185.00	40.00 Bottom Packers & Anchor
Total Tool Length:	61.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations Inc
PO Box 33
Russell KS 67665
ATTN: Allen Bangert

Duane Popp # 1
10 16 14 Barton KS
Job Ticket: 27568 **DST#: 1**
Test Start: 2007.02.24 @ 21:25:40

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:	68000 ppm
Viscosity: 42.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	Wtr	1.262

Total Length: 90.00 ft Total Volume: 1.262 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: Rw .15 @ 78 = 68000ppm

Serial #: 6741

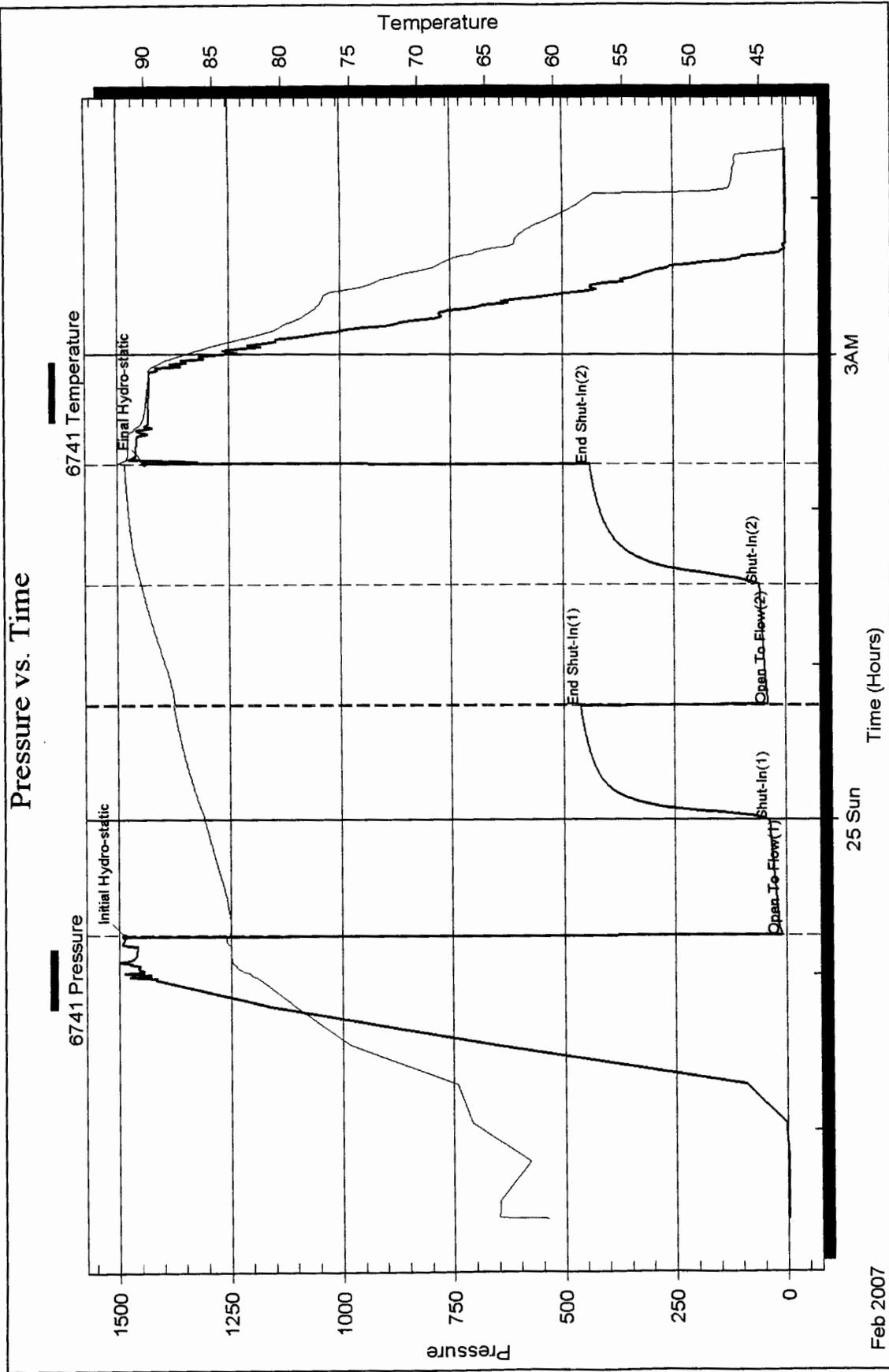
Inside

Mai Oil Operations Inc

10 16 14 Barton KS

DST Test Number: 1

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

PO Box 33
Russell KS 67665

ATTN: Allen Bangert

10 16 14 Barton KS

Duane Popp # 1

Start Date: 2007.02.25 @ 12:48:15

End Date: 2007.02.25 @ 17:57:15

Job Ticket #: 27569 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mai Oil Operations Inc

Duane Popp # 1

PO Box 33
Russell KS 67665

10 16 14 Barton KS

ATTN: Allen Bangert

Job Ticket: 27569

DST#: 2

Test Start: 2007.02.25 @ 12:48:15

GENERAL INFORMATION:

Formation: **E-F LKC**

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

Time Tool Opened: 14:25:55

Time Test Ended: 17:57:15

Test Type: **Conventional Bottom Hole**

Tester: **Dan Bangle**

Unit No: **38**

Interval: **3185.00 ft (KB) To 3228.00 ft (KB) (TVD)**

Total Depth: **3228.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **1929.00 ft (KB)**

1923.00 ft (CF)

KB to GR/CF: **6.00 ft**

Serial #: 6741 **Inside**

Press@RunDepth: **12.91 psig @ 3186.00 ft (KB)**

Start Date: **2007.02.25**

End Date:

2007.02.25

Capacity: **7000.00 psig**

Last Calib.: **2007.02.25**

Start Time: **12:48:17**

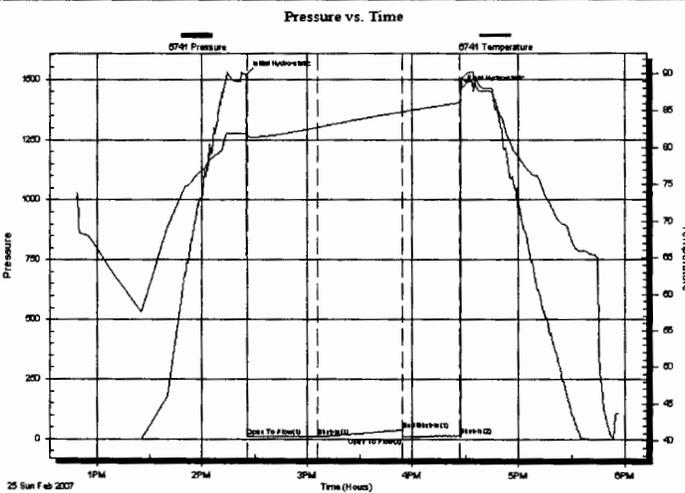
End Time:

17:57:15

Time On Btm: **2007.02.25 @ 14:25:35**

Time Off Btm: **2007.02.25 @ 16:27:30**

TEST COMMENT: **IF Weak steady surface blow
FF**



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1518.28	81.98	Initial Hydro-static
1	10.83	81.62	Open To Flow (1)
41	12.91	82.79	Shut-In(1)
89	39.42	84.90	End Shut-In(1)
89	8.30	84.89	Open To Flow (2)
122	14.24	86.09	Shut-In(2)
122	1457.31	86.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud w/Oil spots	0.14

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

Duane Popp # 1
10 16 14 Barton KS
Job Ticket: 27569 **DST#: 2**
Test Start: 2007.02.25 @ 12:48:15

Tool Information

Drill Pipe:	Length: 3194.00 ft	Diameter: 3.80 inches	Volume: 44.80 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 44.80 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3185.00 ft			Final 40000.00 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			3165.00	
Shut In Tool	5.00			3170.00	
Hydraulic tool	5.00			3175.00	
Packer	5.00			3180.00	21.00 Bottom Of Top Packer
Packer	5.00			3185.00	
Stubb	1.00			3186.00	
Recorder	0.00	6741	Inside	3186.00	
Perforations	39.00			3225.00	
Recorder	0.00	13254	Outside	3225.00	
Bullnose	3.00			3228.00	43.00 Bottom Packers & Anchor
Total Tool Length:	64.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations Inc

Duane Popp # 1

PO Box 33
Russell KS 67665

10 16 14 Barton KS

Job Ticket: 27569 **DST#: 2**

ATTN: Allen Bangert

Test Start: 2007.02.25 @ 12:48:15

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: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud w /Oil spots	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

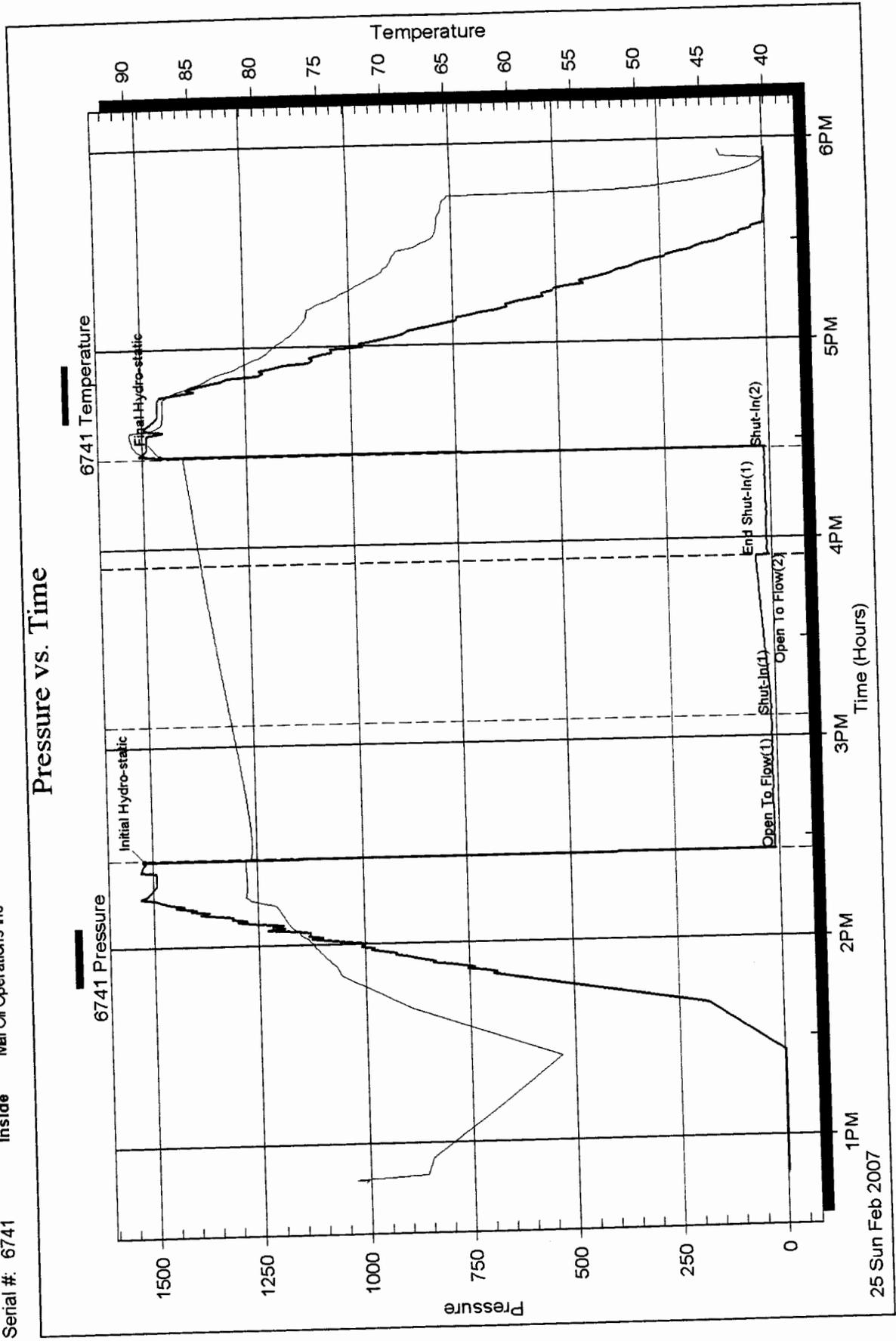
Serial #:

Laboratory Name:

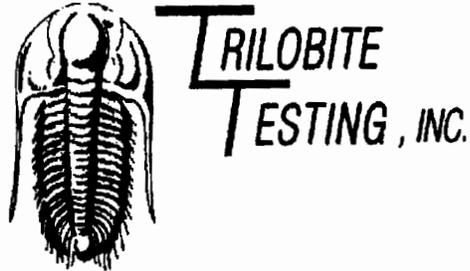
Laboratory Location:

Recovery Comments:

Pressure vs. Time



25 Sun Feb 2007



DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

PO Box 33
Russell KS 67665

ATTN: Allen Bangert

10 16 14 Barton KS

Duane Popp # 1

Start Date: 2007.02.26 @ 08:14:33

End Date: 2007.02.26 @ 14:38:03

Job Ticket #: 27570 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

Mai Oil Operations Inc

Duane Popp # 1

PO Box 33
Russell KS 67665

10 16 14 Barton KS

Job Ticket: 27570

DST#: 3

ATTN: Allen Bangert

Test Start: 2007.02.26 @ 08:14:33

GENERAL INFORMATION:

Formation: **H-L LKC**

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

Time Tool Opened: 10:14:43

Time Test Ended: 14:38:03

Test Type: **Conventional Bottom Hole**

Tester: **Dan Bangle**

Unit No: **38**

Interval: **3277.00 ft (KB) To 3355.00 ft (KB) (TVD)**

Reference Elevations: **1929.00 ft (KB)**

Total Depth: **3355.00 ft (KB) (TVD)**

1923.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Good**

KB to GR/CF: **6.00 ft**

Serial #: 6741

Inside

Press@RunDepth: **505.87 psig @ 3280.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2007.02.26**

End Date: **2007.02.26**

Last Calib.: **2007.02.26**

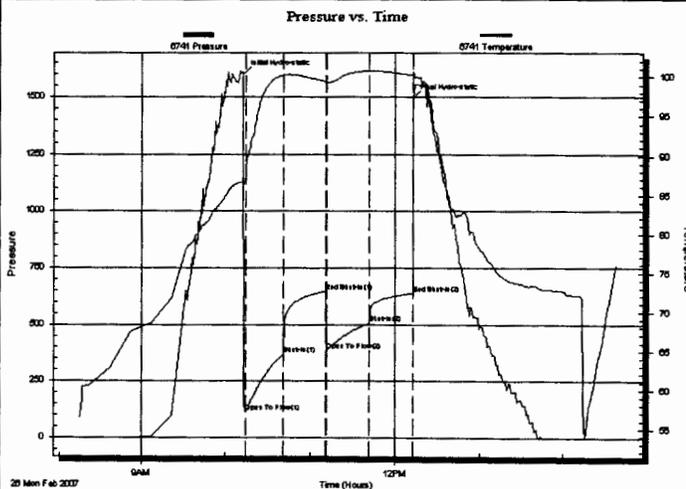
Start Time: **08:14:35**

End Time: **14:38:03**

Time On Btm: **2007.02.26 @ 10:13:33**

Time Off Btm: **2007.02.26 @ 12:13:03**

TEST COMMENT: IF Strong B-B in 1 min
ISI No blow back
FF Strong B-B in 2 min
FSI Weak building to 1 "



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1602.47	86.81	Initial Hydro-static
2	114.29	87.45	Open To Flow (1)
28	368.60	100.23	Shut-In (1)
58	646.92	99.46	End Shut-In (1)
59	384.90	99.38	Open To Flow (2)
89	505.87	100.76	Shut-In (2)
120	638.53	100.25	End Shut-In (2)
120	1494.61	100.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	Silty OCGsy Mdy Wtr 10%G 5%O 75%W 4.35M	
185.00	OCMdy Gsy Wtr 10%G 20%O 40%W 30% 2.60	
245.00	OCGsyM 10%G 20%O 70%M	3.44
245.00	Silty OCGsyM 10%G 3%O 87%M	3.44
0.00	245 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

Duane Popp # 1

PO Box 33
Russell KS 67665

10 16 14 Barton KS

Job Ticket: 27570

DST#: 3

ATTN: Allen Bangert

Test Start: 2007.02.26 @ 08:14:33

Tool Information

Drill Pipe:	Length: 3287.00 ft	Diameter: 3.80 inches	Volume: 46.11 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 46.11 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 41000.00 lb
Depth to Top Packer:	3277.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	78.00 ft			
Tool Length:	99.00 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			3257.00	
Shut In Tool	5.00			3262.00	
Hydraulic tool	5.00			3267.00	
Packer	5.00			3272.00	21.00 Bottom Of Top Packer
Packer	5.00			3277.00	
Stubb	1.00			3278.00	
Perforations	1.00			3279.00	
Change Over Sub	1.00			3280.00	
Recorder	0.00	6741	Inside	3280.00	
Drill Pipe	62.00			3342.00	
Change Over Sub	1.00			3343.00	
Recorder	0.00	13254	Outside	3343.00	
Perforations	9.00			3352.00	
Bullnose	3.00			3355.00	78.00 Bottom Packers & Anchor

Total Tool Length: 99.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations Inc

Duane Popp # 1

PO Box 33
Russell KS 67665

10 16 14 Barton KS

Job Ticket: 27570

DST#: 3

ATTN: Allen Bangert

Test Start: 2007.02.26 @ 08:14:33

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:

72000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
310.00	Sltty OCGsy Mdy Wtr 10%G 5%O 75%W 10%	4.348
185.00	OCMdy Gsy Wtr 10%G 20%O 40%W 30%M	2.595
245.00	OCGsyM 10%G 20%O 70%M	3.437
245.00	Sltty OCGsyM 10%G 3%O 87%M	3.437
0.00	245 GIP	0.000

Total Length: 985.00 ft Total Volume: 13.817 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .12 @ 80 = 72000ppm

Serial #: 6741

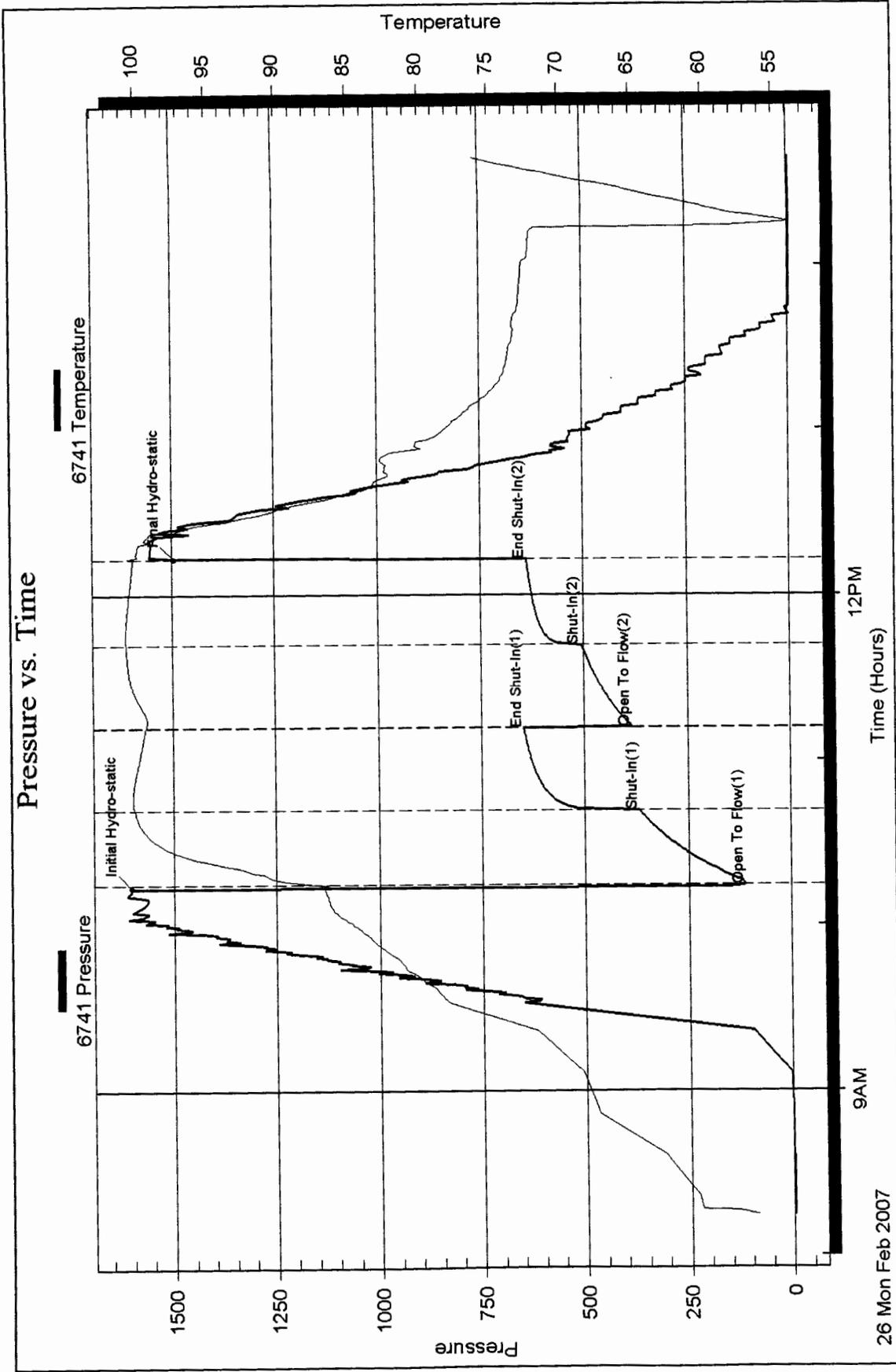
Inside

Mai Oil Operations Inc

10 16 14 Barton KS

DST Test Number: 3

Pressure vs. Time

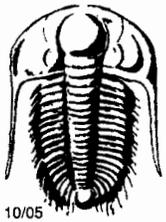


26 Mon Feb 2007

9AM

12PM

Time (Hours)



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27568

9884

Test Ticket

Well Name & No. Duane Popp #1 Test No. 1 Date 2-24-07
 Company Mai Oil Operations Inc. Zone Tested B-C LKC
 Address P.O. Box 33 Russell, Ks 67665 Elevation 1929 KB 1973 GL
 Co. Rep / Geo. Kirt Neah Rig Southwind #3
 Location: Sec. 10 Twp. 16 Rge. 14 Co. Barton State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3145 ————— 3185 Initial Str Wt./Lbs. 40,000 Unseated Str Wt./Lbs. 40,000
 Anchor Length _____ 40 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 50,000
 Top Packer Depth _____ 3140 Tool Weight 2000
 Bottom Packer Depth _____ 3145 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth _____ 3185 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9.1 LCM _____ Vis. 42 WL 10 Drill Pipe Size 4.5 X 14 Ft. Run 3132
 Blow Description E.F. Weak - building to 3/4"

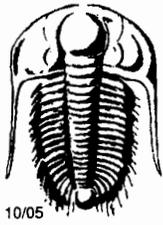
E.F. Weak - building to 1/2"

Recovery - Total Feet 90 GIP _____ Ft. in DC _____ Ft. in DP 90
 Rec. 90 Feet of WT %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 _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 91 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW 1.15 @ 78 °F Chlorides 65,000 ppm Recovery _____ Chlorides 3500 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1487</u> PSI	<u>6741</u>	<u>1100</u>
(B) First Initial Flow Pressure		<u>11</u> PSI	(depth) <u>3146</u>	Jars _____
(C) First Final Flow Pressure		<u>37</u> PSI	Recorder No. <u>1.3254</u>	Safety Jt. _____
(D) Initial Shut-In Pressure		<u>461</u> PSI	(depth) <u>3182</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>39</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		<u>57</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure		<u>439</u> PSI	Initial Opening <u>45</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1474</u> PSI	Initial Shut-In <u>45</u>	Shale Packer _____
			Final Flow <u>45</u>	Ruined Packer _____
			Final Shut-In <u>45</u>	Mileage <u>80 RT 100</u>
			T-On Location <u>19:00</u>	Sub Total: _____
			T-Started <u>21:25</u>	Std. By <u>1.25 125</u>
			T-Open <u>23:15</u>	Acc. Chg: _____
			T-Pulled <u>02:15</u>	Other: _____
			T-Out <u>04:18</u>	Total: <u>\$ 1325</u>

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Approved By Kirt Neah
 Our Representative Dan Bangle



TRILOBITE TESTING INC.

27569

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. Doane Pepp #1 Test No. 2 Date 2-15-07
 Company Mai Oil Operations Inc Zone Tested E-F LKC
 Address _____ Elevation 1929 KB 1923 GL
 Co. Rep / Geo. KIT Neah Rig Southwind #3
 Location: Sec. 10 Twp. 16 Rge. 14 Co. Barton State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3185 ————— 3228 Initial Str Wt./Lbs. 40000 Unseated Str Wt/Lbs. 49000
 Anchor Length 43 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 50000
 Top Packer Depth 3180 Tool Weight 2000
 Bottom Packer Depth 3185 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3228 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 8.9 LCM _____ Vis. 44 WL 9.4 Drill Pipe Size 4.5XH Ft. Run 3194
 Blow Description I.F. Weak steady surface blow

I.F. Weak surface blow - died in 30 min.

Recovery - Total Feet 10 GIP _____ Ft. in DC _____ Ft. in DP 10
 Rec. 10 Feet of Mud w/oil spots %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 _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 84 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 4000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	1523	PSI	<u>6741</u>	<u>1100</u>
(B) First Initial Flow Pressure	10	PSI	(depth) <u>3186</u>	Jars _____
(C) First Final Flow Pressure	12	PSI	Recorder No. <u>13254</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	39	PSI	(depth) <u>3225</u>	Circ Sub _____
(E) Second Initial Flow Pressure	8	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	14	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	—	PSI	Initial Opening <u>45</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	1508	PSI	Initial Shut-In <u>45</u>	Shale Packer _____
			Final Flow <u>30</u>	Ruined Packer _____
			Final Shut-In _____	Mileage <u>80 RT 100</u>

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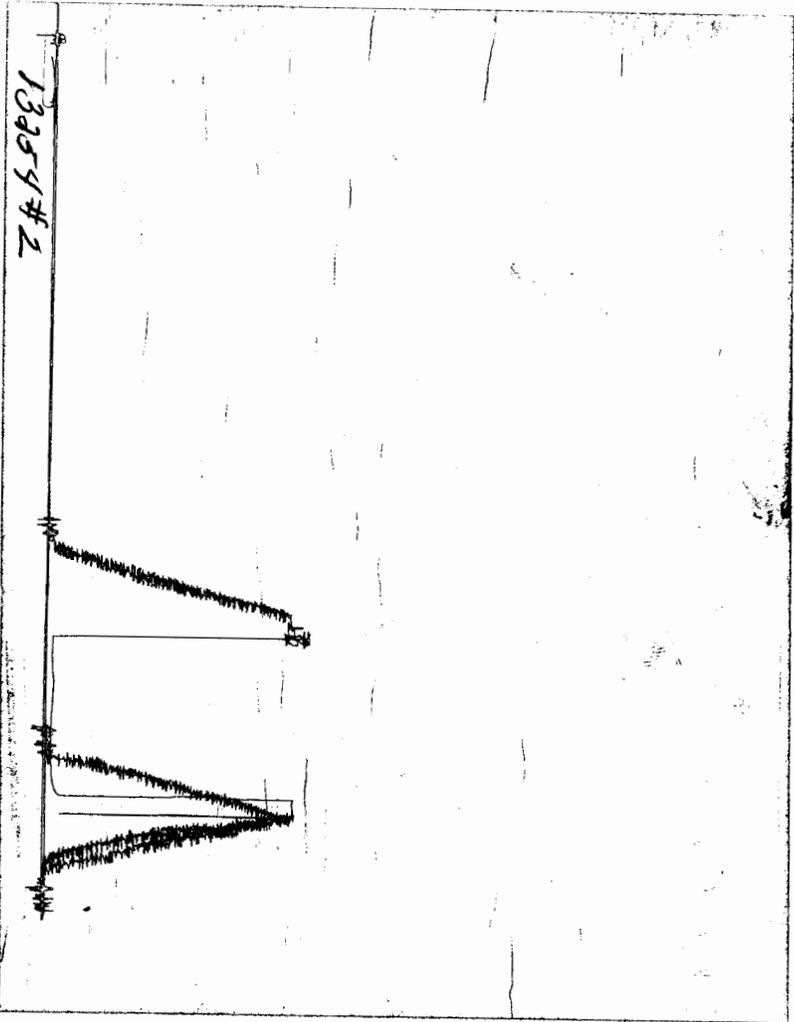
Approved By Kit Neah
 Our Representative Dan Rangle

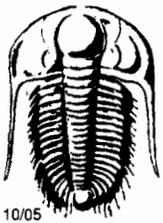
T-On Location	T-Started	T-Open	T-Pulled	T-Out
<u>12:10</u>	<u>12:48</u>	<u>14:23</u>	<u>16:23</u>	<u>17:57</u>

Sub Total: _____
 Std. By: _____
 Acc. Chg: \$1200
 Other: _____
 Total: _____

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27570

Test Ticket

Well Name & No. Duane Pepp #1 Test No. 3 Date 2-26-07
 Company Mai Oil Operations Inc Zone Tested H-L LKC
 Address _____ Elevation 1929 KB 1923 GL
 Co. Rep / Geo. KITT Meah Rig Southwind #3
 Location: Sec. 10 Twp. 16 Rge. 14 Co. Barton State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3277 ————— 3355 Initial Str Wt./Lbs. 44,000 Unseated Str Wt./Lbs. 45,000
 Anchor Length 78 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 59,200
 Top Packer Depth 3272 Tool Weight 2,000
 Bottom Packer Depth 3277 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3355 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 8.9 LCM _____ Vis. 44 WL 9.4 Drill Pipe Size 4.5 XH Ft. Run 3287
 Blow Description I.F. Strong B-B in 1 min.
ISI - No blow back
F.F. Strong B-B in 2 min.
FST - Weak - building to 1"
 Recovery - Total Feet 985 GIP 245 Ft. in DC _____ Ft. in DP 985
 Rec. 245 Feet of Silty OC Gsy M 10 %gas 3 %oil %water 87 %mud
 Rec. 245 Feet of OC Gsy M 10 %gas 20 %oil %water 70 %mud
 Rec. 185 Feet of OC Mdy Gsy WTR 10 %gas 20 %oil 40 %water 30 %mud
 Rec. 310 Feet of Silty OC Gsy mdy WTR 10 %gas 5 %oil 75 %water 10 %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 100 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .12 @ 80 °F Chlorides 22,000 ppm Recovery _____ Chlorides 4,000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	1617	PSI	6741	1100
(B) First Initial Flow Pressure	114	PSI	(depth) 3280	Jars
(C) First Final Flow Pressure	368	PSI	Recorder No. 13254	Safety Jt.
(D) Initial Shut-In Pressure	646	PSI	(depth) 3343	Circ Sub
(E) Second Initial Flow Pressure	384	PSI	Recorder No.	Sampler
(F) Second Final Flow Pressure	505	PSI	(depth)	Straddle
(G) Final Shut-In Pressure	638	PSI	Initial Opening 30	Ext. Packer
(Q) Final Hydrostatic Mud	1552	PSI	Initial Shut-In 30	Shale Packer
			Final Flow 30	Ruined Packer
			Final Shut-In 30	Mileage <u>80 RT</u> <u>100</u>
			T-On Location <u>07:30</u>	Sub Total:
			T-Started <u>08:14</u>	Std. By
			T-Open <u>10:10</u>	Acc. Chg:
			T-Pulled <u>12:10</u>	Other: <u>\$1200</u>
			T-Out <u>14:38</u>	Total: <u>\$1200</u>

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Approved By Kitt Meah
 Our Representative Dan Bangle

CHART PAGE

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

