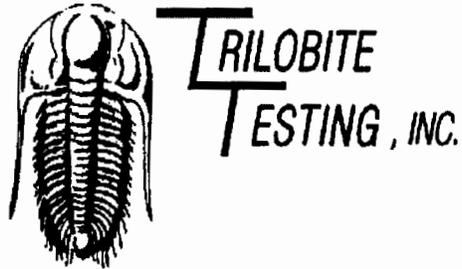


15-163-23398

14-9s-20w



DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

P O Box 33
Russell Ks 67665

ATTN: Allen Bangert

14-9-20-Rooks-Ks

Lambert #1

Start Date: 2004.03.07 @ 17:40:44

End Date: 2004.03.08 @ 01:15:44

Job Ticket #: 19783 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

Lambert #1

P O Box 33
Russell Ks 67665

14-9-20-Rooks-Ks

Job Ticket: 19783

DST#: 1

ATTN: Allen Bangert

Test Start: 2004.03.07 @ 17:40:44

GENERAL INFORMATION:

Formation: "C" LKC

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:40:14

Time Test Ended: 01:15:44

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: 3441.00 ft (KB) To 3470.00 ft (KB) (TVD)

Reference Elevations: 2185.00 ft (KB)

Total Depth: 3470.00 ft (KB) (TVD)

2180.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6770

Inside

Press@RunDepth: 455.25 psig @ 3442.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2004.03.07

End Date:

2004.03.08

Last Calib.: 2004.03.08

Start Time: 17:40:45

End Time:

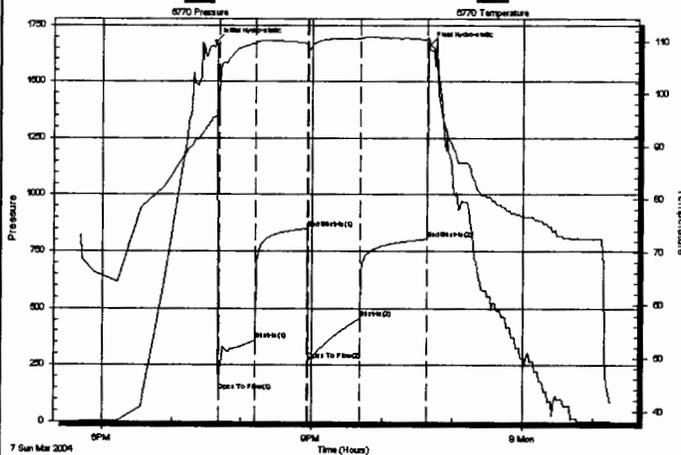
01:15:44

Time On Btm: 2004.03.07 @ 19:37:44

Time Off Btm: 2004.03.07 @ 22:39:14

TEST COMMENT: IF-Strong BOB in 3 min
IS-Weak building to 5"
FF-Strong BOB in 1 min
FS-Weak building to 2"

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1677.42	95.71	Initial Hydro-static
3	134.23	96.06	Open To Flow (1)
34	358.60	109.69	Shut-In(1)
78	851.32	109.62	End Shut-In(1)
79	270.88	108.61	Open To Flow (2)
123	455.25	110.51	Shut-In(2)
181	803.70	110.28	End Shut-In(2)
182	1660.54	110.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	MCGsyO 10%g 70%o 20%m	1.49
1000.00	CGsyO 10%g 90%o	14.03
0.00	1175 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

Lambert #1

P O Box 33
Russell Ks 67665

14-9-20-Rooks-Ks

Job Ticket: 19783

DST#: 1

ATTN: Allen Bangert

Test Start: 2004.03.07 @ 17:40:44

Tool Information

Drill Pipe:	Length: 3328.00 ft	Diameter: 3.80 inches	Volume: 46.68 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: 30000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 47.28 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	3441.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	29.00 ft			
Tool Length:	50.00 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			3421.00	
Shut In Tool	5.00			3426.00	
Hydraulic tool	5.00			3431.00	
Packer	5.00			3436.00	21.00 Bottom Of Top Packer
Packer	5.00			3441.00	
Stubb	1.00			3442.00	
Recorder	0.00	6770	Inside	3442.00	
Perforations	25.00			3467.00	
Recorder	0.00	13254	Outside	3467.00	
Bullnose	3.00			3470.00	29.00 Bottom Packers & Anchor
Total Tool Length:	50.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations Inc

Lambert #1

P O Box 33
Russell Ks 67665

14-9-20-Rooks-Ks

Job Ticket: 19783

DST#: 1

ATTN: Allen Bangert

Test Start: 2004.03.07 @ 17:40:44

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 42.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	MCGsyO 10%g 70%o 20%m	1.489
1000.00	CGsyO 10%g 90%o	14.027
0.00	1175 GIP	0.000

Total Length: 1186.00 ft

Total Volume: 15.516 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6770

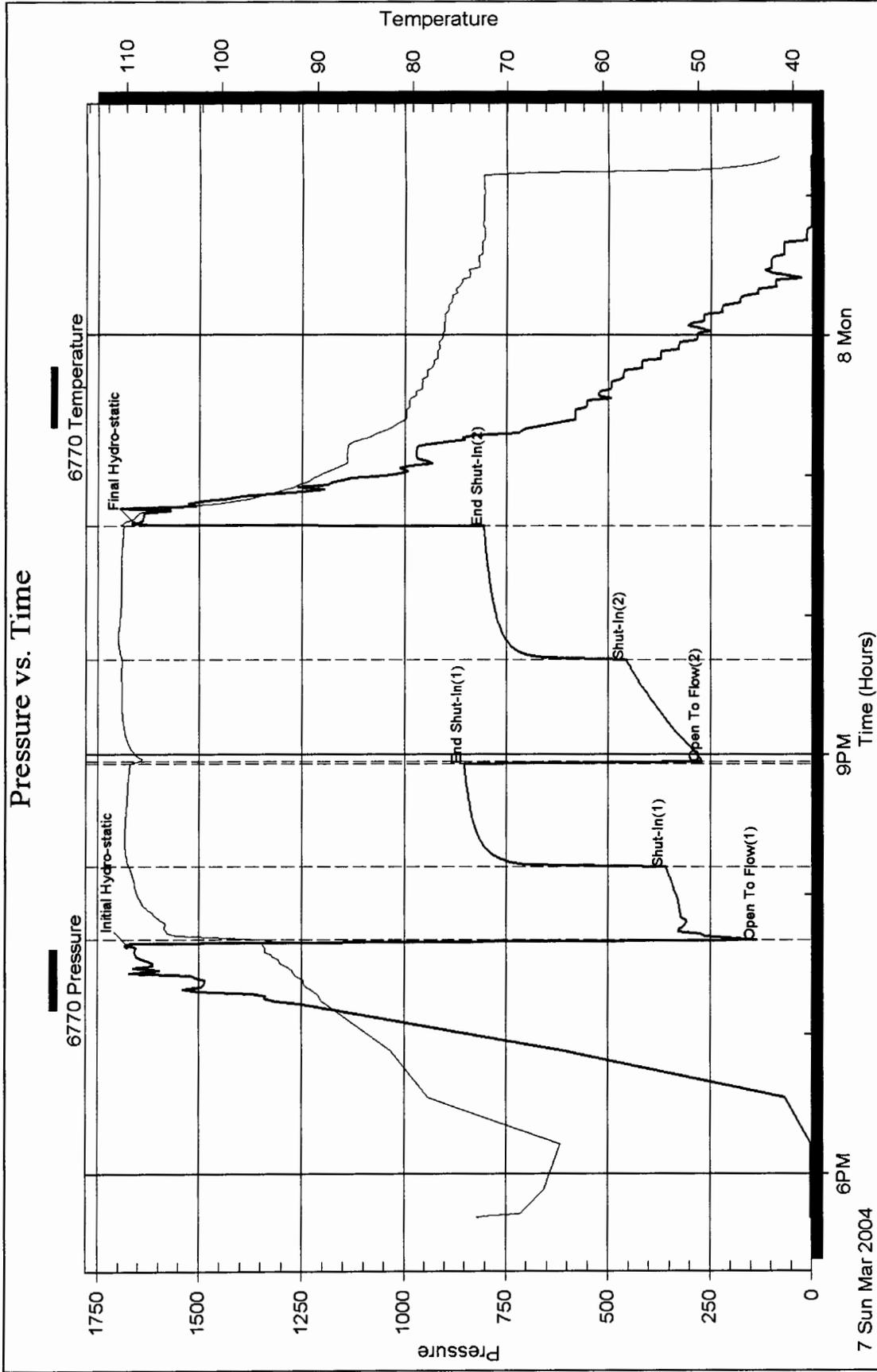
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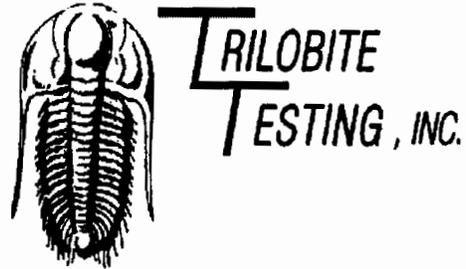
Mai Oil Operations Inc

14-9-20-Rooks-Ks

DST Test Number: 1

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

P O Box 33
Russell Ks 67665

ATTN: Allen Bangert

14-9-20-Rooks-Ks

Lambert #1

Start Date: 2004.03.08 @ 07:55:01

End Date: 2004.03.08 @ 13:38:01

Job Ticket #: 19784 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

Lambert #1

P O Box 33
Russell Ks 67665

14-9-20-Rooks-Ks

Job Ticket: 19784

DST#: 2

ATTN: Allen Bangert

Test Start: 2004.03.08 @ 07:55:01

GENERAL INFORMATION:

Formation: **E-F LKC**

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

Time Tool Opened: 09:44:31

Time Test Ended: 13:38:01

Test Type: **Conventional Bottom Hole**

Tester: **Dan Bangle**

Unit No: **21**

Interval: **3469.00 ft (KB) To 3500.00 ft (KB) (TVD)**

Reference Elevations: **2185.00 ft (KB)**

Total Depth: **3500.00 ft (KB) (TVD)**

2180.00 ft (CF)

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

KB to GR/CF: **5.00 ft**

Serial #: 6770

Inside

Press@RunDepth: **50.08 psig @ 3470.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2004.03.08**

End Date:

2004.03.08

Last Calib.:

2004.03.08

Start Time: **07:55:02**

End Time:

13:38:01

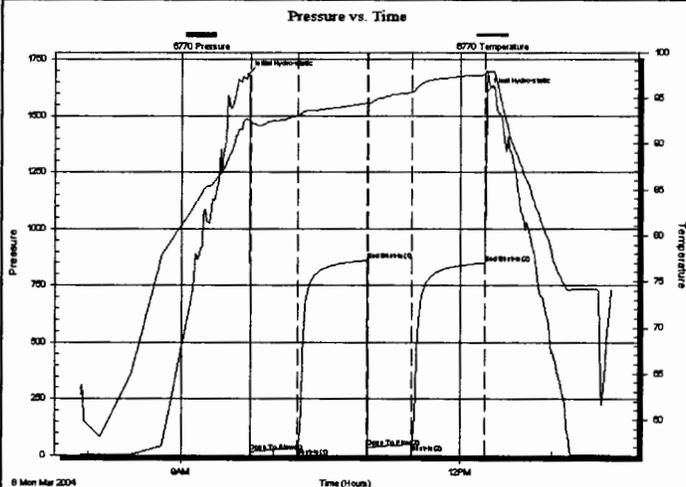
Time On Btrn:

2004.03.08 @ 09:43:01

Time Off Btrn:

2004.03.08 @ 12:17:01

TEST COMMENT: F-Weak steady surface blow
FF-No blow
Times-30-45-30-45



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1683.23	92.60	Initial Hydro-static
2	15.96	92.23	Open To Flow (1)
32	34.22	93.10	Shut-in(1)
77	859.93	94.49	End Shut-in(1)
78	35.49	94.30	Open To Flow (2)
106	50.08	95.66	Shut-in(2)
153	849.07	97.55	End Shut-in(2)
154	1608.67	98.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Oil spotted mud	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

Lambert #1

P O Box 33
Russell Ks 67665

14-9-20-Rooks-Ks

Job Ticket: 19784

DST#: 2

ATTN: Allen Bangert

Test Start: 2004.03.08 @ 07:55:01

Tool Information

Drill Pipe:	Length: 3328.00 ft	Diameter: 3.80 inches	Volume: 46.68 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: 30000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 75000.00 lb
		Total Volume:	47.28 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	3469.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 ft			
Tool Length:	52.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3449.00	
Shut In Tool	5.00			3454.00	
Hydraulic tool	5.00			3459.00	
Packer	5.00			3464.00	21.00 Bottom Of Top Packer
Packer	5.00			3469.00	
Stubb	1.00			3470.00	
Recorder	0.00	6770	Inside	3470.00	
Perforations	27.00			3497.00	
Recorder	0.00	13254	Outside	3497.00	
Bullnose	3.00			3500.00	31.00 Bottom Packers & Anchor
Total Tool Length:	52.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations Inc

Lambert #1

P O Box 33
Russell Ks 67665

14-9-20-Rooks-Ks

Job Ticket: 19784

DST#: 2

ATTN: Allen Bangert

Test Start: 2004.03.08 @ 07:55:01

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: 42.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
65.00	Oil spotted mud	0.320

Total Length: 65.00 ft

Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

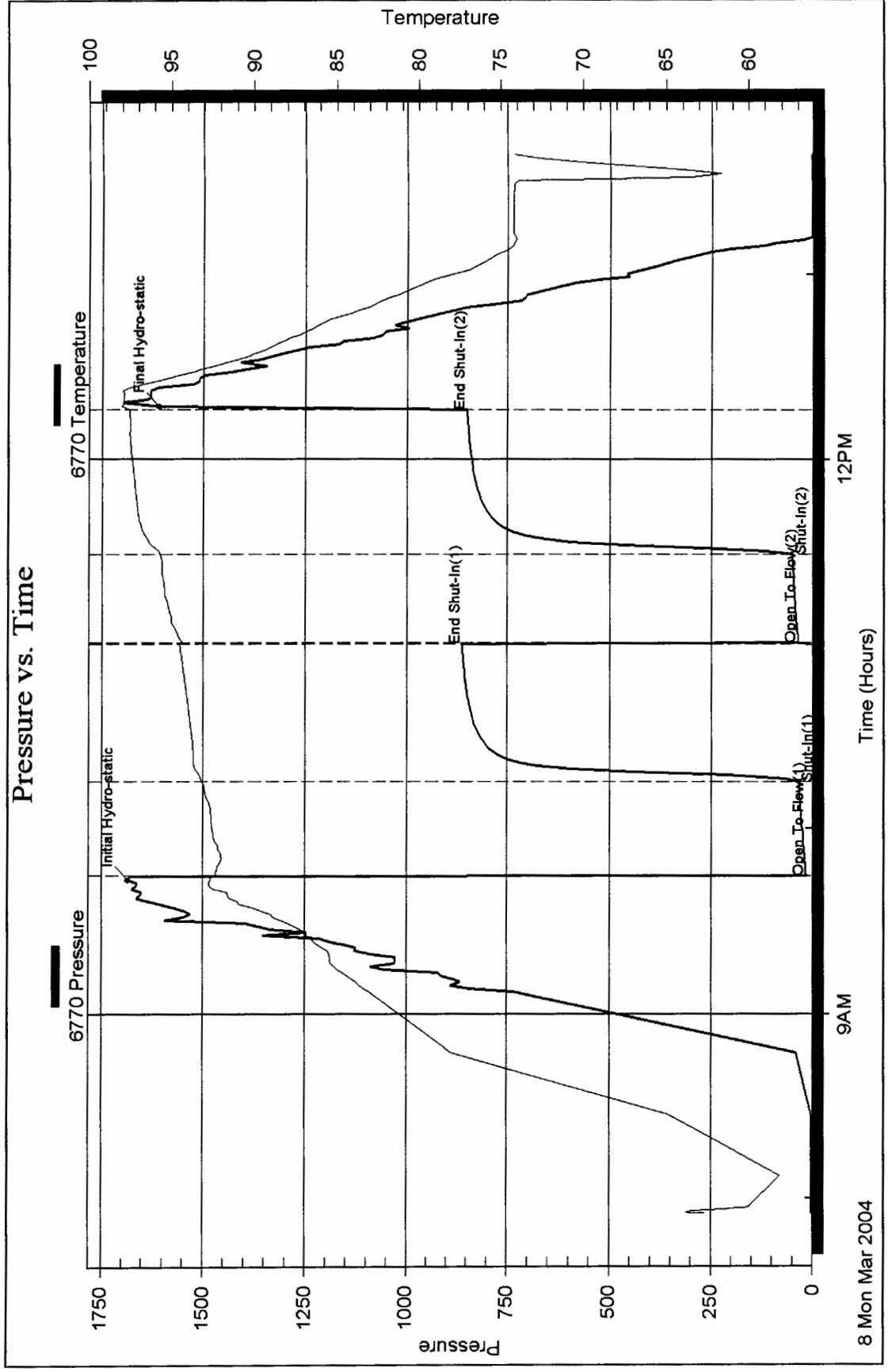
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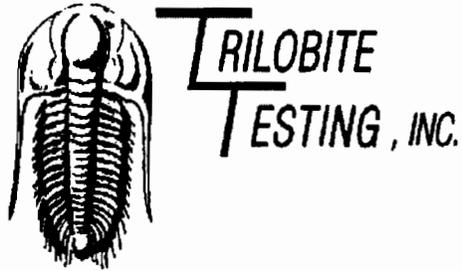
Inside

Mai Oil Operations Inc

14-9-20-Rocks-Ks

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

P O Box 33
Russell Ks 67665

ATTN: Allen Bangert

14-9-20-Rooks-Ks

Lambert #1

Start Date: 2004.03.09 @ 02:35:48

End Date: 2004.03.09 @ 09:26:48

Job Ticket #: 19785 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

Lambert #1

P O Box 33
Russell Ks 67665

14-9-20-Rooks-Ks

Job Ticket: 19785

DST#: 3

ATTN: Allen Bangert

Test Start: 2004.03.09 @ 02:35:48

GENERAL INFORMATION:

Formation: **I-J-K-L L**

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

Time Tool Opened: 04:04:18

Time Test Ended: 09:26:48

Test Type: **Conventional Bottom Hole**

Tester: **Dan Bangle**

Unit No: **21**

Interval: **3566.00 ft (KB) To 3640.00 ft (KB) (TVD)**

Reference Elevations: **2185.00 ft (KB)**

Total Depth: **3640.00 ft (KB) (TVD)**

2180.00 ft (CF)

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

KB to GR/CF: **5.00 ft**

Serial #: 6770 **Inside**

Press@RunDepth: **69.97 psig @ 3573.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2004.03.09**

End Date: **2004.03.09**

Last Calib.: **2004.03.09**

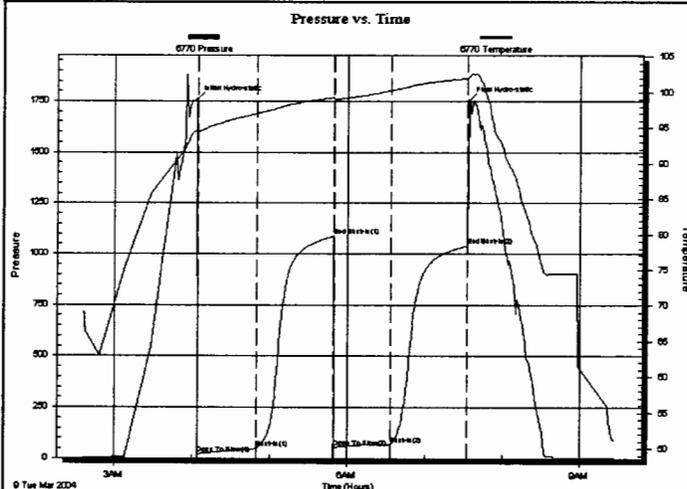
Start Time: **02:35:49**

End Time: **09:26:48**

Time On Btm: **2004.03.09 @ 04:03:48**

Time Off Btm: **2004.03.09 @ 07:33:48**

TEST COMMENT: **F-Weak building to 1/2"**
FF-Weak building to 1/2"
Times-45-60-45-60



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1759.30	94.76	Initial Hydro-static
1	21.25	94.34	Open To Flow (1)
46	48.79	97.04	Shut-in(1)
105	1086.68	99.30	End Shut-in(1)
106	54.77	99.09	Open To Flow (2)
150	69.97	100.28	Shut-in(2)
209	1040.88	102.00	End Shut-in(2)
210	1753.11	102.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	OCM 40%o 60% m	0.59
10.00	CO	0.11

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operations Inc

Lambert #1

P O Box 33
Russell Ks 67665

14-9-20-Rooks-Ks

Job Ticket: 19785

DST#: 3

ATTN: Allen Bangert

Test Start: 2004.03.09 @ 02:35:48

Tool Information

Drill Pipe:	Length: 3451.00 ft	Diameter: 3.80 inches	Volume: 48.41 bbl	Tool Weight: 1100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 49.01 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	3566.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	74.00 ft			
Tool Length:	95.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3546.00	
Shut In Tool	5.00			3551.00	
Hydraulic tool	5.00			3556.00	
Packer	5.00			3561.00	21.00 Bottom Of Top Packer
Packer	5.00			3566.00	
Stubb	1.00			3567.00	
Perforations	5.00			3572.00	
Change Over Sub	1.00			3573.00	
Recorder	0.00	6770	Inside	3573.00	
Drill Pipe	63.00			3636.00	
Change Over Sub	1.00			3637.00	
Recorder	0.00	13254	Outside	3637.00	
Bullnose	3.00			3640.00	74.00 Bottom Packers & Anchor

Total Tool Length: 95.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations Inc

Lambert #1

P O Box 33
Russell Ks 67665

14-9-20-Rooks-Ks

Job Ticket: 19785

DST#: 3

ATTN: Allen Bangert

Test Start: 2004.03.09 @ 02:35:48

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

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
120.00	OCM 40%o 60%m	0.590
10.00	CO	0.113

Total Length: 130.00 ft

Total Volume: 0.703 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6770

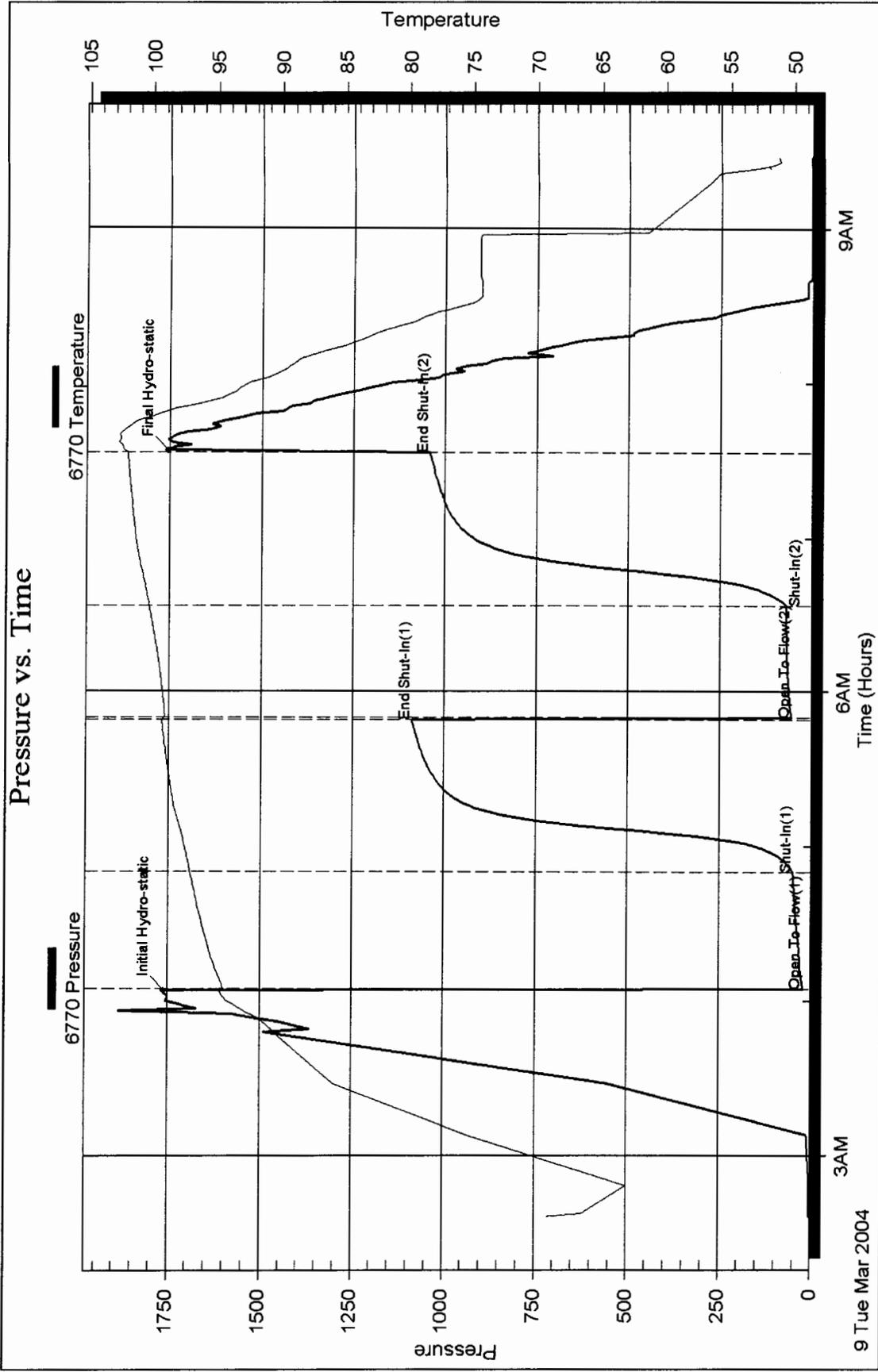
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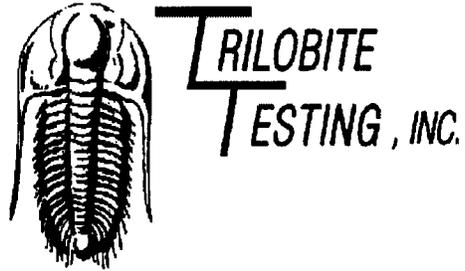
Mai Oil Operations Inc

14-9-20-Rooks-Ks

DST Test Number: 3

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

P O Box 33
Russell Ks 67665

ATTN: Allen Bangert

14-9-20-Rooks-Ks

Lambert #1

Start Date: 2004.03.09 @ 16:00:21

End Date: 2004.03.09 @ 20:43:51

Job Ticket #: 19786 DST #: 4

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

Lambert #1

P O Box 33
Russell Ks 67665

14-9-20-Rooks-Ks

Job Ticket: 19786

DST#: 4

ATTN: Allen Bangert

Test Start: 2004.03.09 @ 16:00:21

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:07:51

Time Test Ended: 20:43:51

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: **3631.00 ft (KB) To 3685.00 ft (KB) (TVD)**

Reference Elevations: 2185.00 ft (KB)

Total Depth: 3685.00 ft (KB) (TVD)

2180.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: **6770**

Inside

Press@RunDepth: 23.80 psig @ 3638.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2004.03.09

End Date:

2004.03.09

Last Calib.:

2004.03.09

Start Time: 16:00:22

End Time:

20:43:51

Time On Btm:

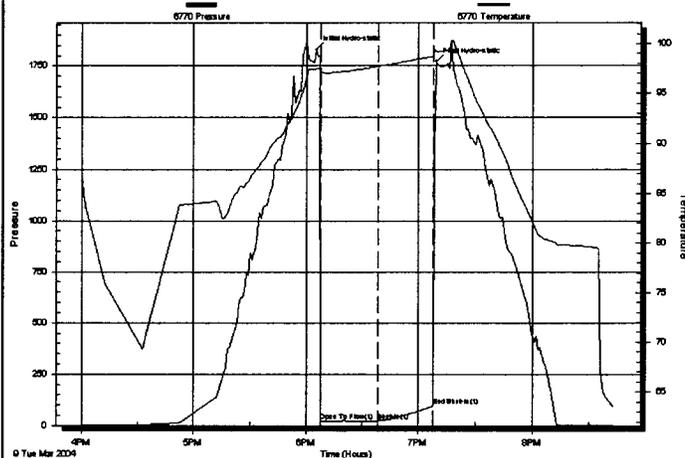
2004.03.09 @ 18:05:21

Time Off Btm:

2004.03.09 @ 19:09:21

TEST COMMENT: F-Weak died in 12 min

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1828.51	97.39	Initial Hydro-static
3	20.47	97.11	Open To Flow (1)
33	23.80	97.70	Shut-In(1)
63	95.06	98.72	End Shut-In(1)
64	1771.39	99.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w/ oil spots	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operations Inc

Lambert #1

P O Box 33
Russell Ks 67665

14-9-20-Rooks-Ks

Job Ticket: 19786

DST#: 4

ATTN: Allen Bangert

Test Start: 2004.03.09 @ 16:00:21

Tool Information

Drill Pipe:	Length: 3515.00 ft	Diameter: 3.80 inches	Volume: 49.31 bbl	Tool Weight: 1400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume:	49.91 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	3631.00 ft			Final 72000.00 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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3611.00	
Shut In Tool	5.00			3616.00	
Hydraulic tool	5.00			3621.00	
Packer	5.00			3626.00	21.00 Bottom Of Top Packer
Packer	5.00			3631.00	
Stubb	1.00			3632.00	
Perforations	5.00			3637.00	
Change Over Sub	1.00			3638.00	
Recorder	0.00	6770	Inside	3638.00	
Drill Pipe	31.00			3669.00	
Change Over Sub	1.00			3670.00	
Recorder	0.00	13254	Outside	3670.00	
Perforations	12.00			3682.00	
Bullnose	3.00			3685.00	54.00 Bottom Packers & Anchor

Total Tool Length: 75.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations Inc

Lambert #1

P O Box 33
Russell Ks 67665

14-9-20-Rooks-Ks

Job Ticket: 19786

DST#: 4

ATTN: Allen Bangert

Test Start: 2004.03.09 @ 16:00:21

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 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 bbbl
5.00	Mud w / oil spots	0.025

Total Length: 5.00 ft

Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6770

Inside

Mai Oil Operations Inc

14-9-20-Rocks-Ks

DST Test Number: 4

Pressure vs. Time

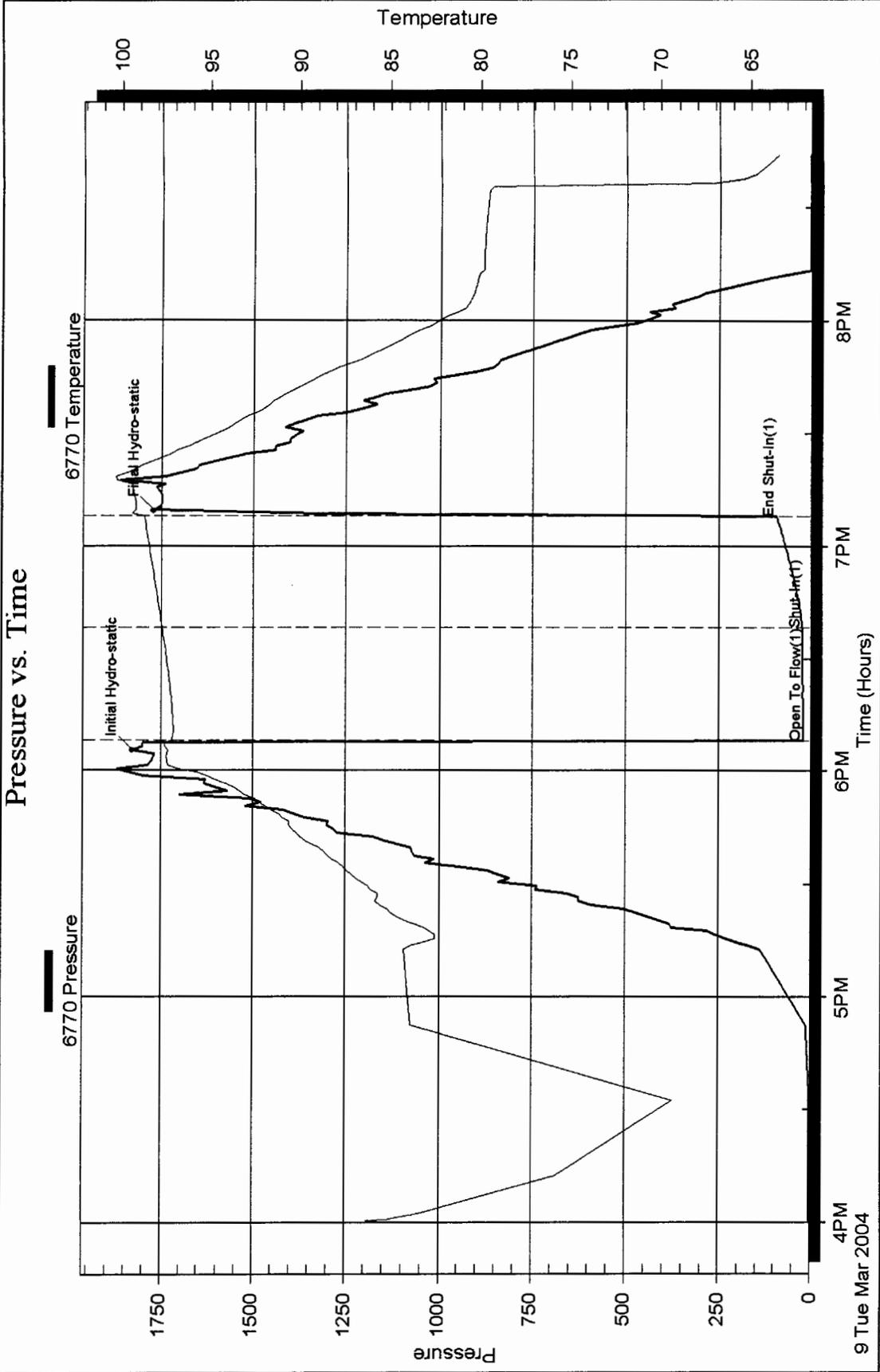
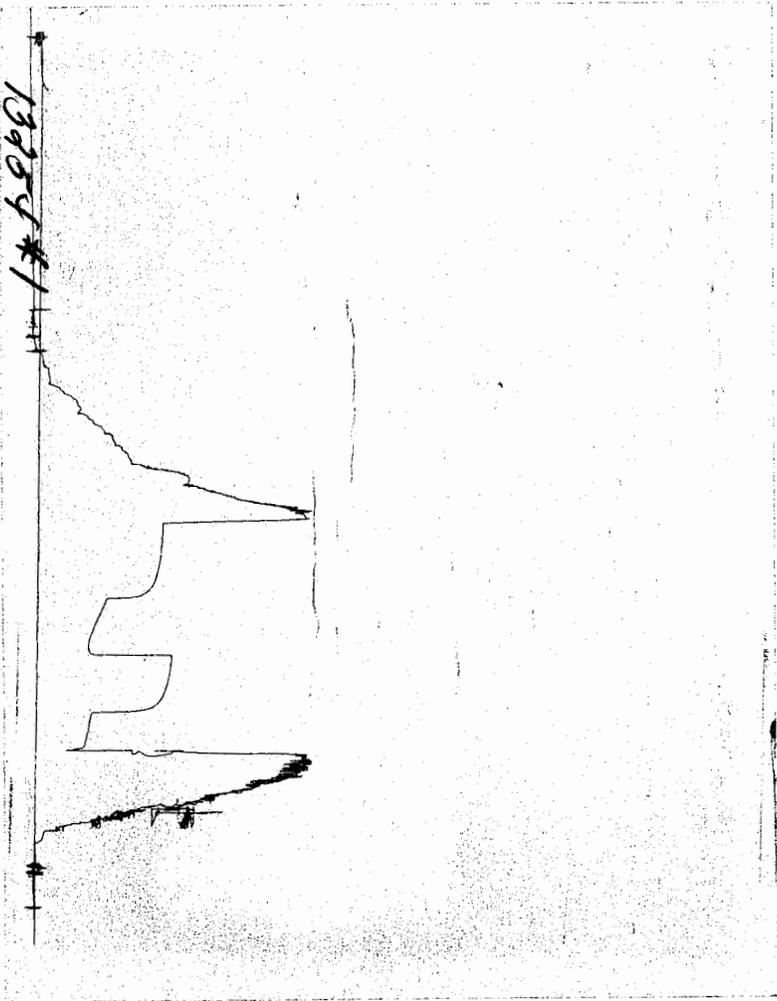
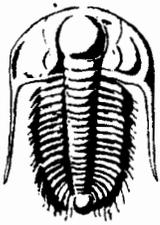


CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 19784

05/03

Test Ticket

Well Name & No. Lambert #1 Test No. 2 Date 3-8-04
 Company Mai Oil Operations Inc Zone Tested E-F LKC
 Address _____ Elevation 2185 KB 2180 GL _____
 Co. Rep / Geo. Dave Shumaker Cont. Murfin #16 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 14 Twp. 9 Rge. 20 Co. Rooks State Ks
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3469 — 3500 Initial Str Wt./Lbs. 70,000 Unseated Str Wt/Lbs. 70,000
 Anchor Length 31' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 75,000
 Top Packer Depth 3464 Tool Weight 2000
 Bottom Packer Depth 3469 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3500 Wt. Pipe Run _____ Drill Collar Run 123
 Mud Wt. 8.9 LCM 1 1/2# Vis. 42 WL 8.8 Drill Pipe Size 4.5XH Ft. Run 3328
 Blow Description I.F. Weak - ~~blow~~ steady surface blow

E.F. No blow

Recovery - Total Feet 65 GIP _____ Ft. in DC 65 Ft. in DP _____
 Rec. 65 Feet of Oil spotted Mud %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 97 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 3,000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1683</u>	PSI	<u>6770</u>	<u>700</u>
(B) First Initial Flow Pressure	<u>15</u>	PSI	(depth) <u>3470</u>	Elec. Rec. <u>X</u> <u>150</u>
(C) First Final Flow Pressure	<u>34</u>	PSI	Recorder No. <u>13254</u>	Jars _____
(D) Initial Shut-In Pressure	<u>859</u>	PSI	(depth) <u>3497</u>	Safety Jt. _____
(E) Second Initial Flow Pressure	<u>35</u>	PSI	Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure	<u>50</u>	PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure	<u>849</u>	PSI	Initial Opening <u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>1608</u>	PSI	Initial Shut-In <u>45</u>	Ext. Packer _____

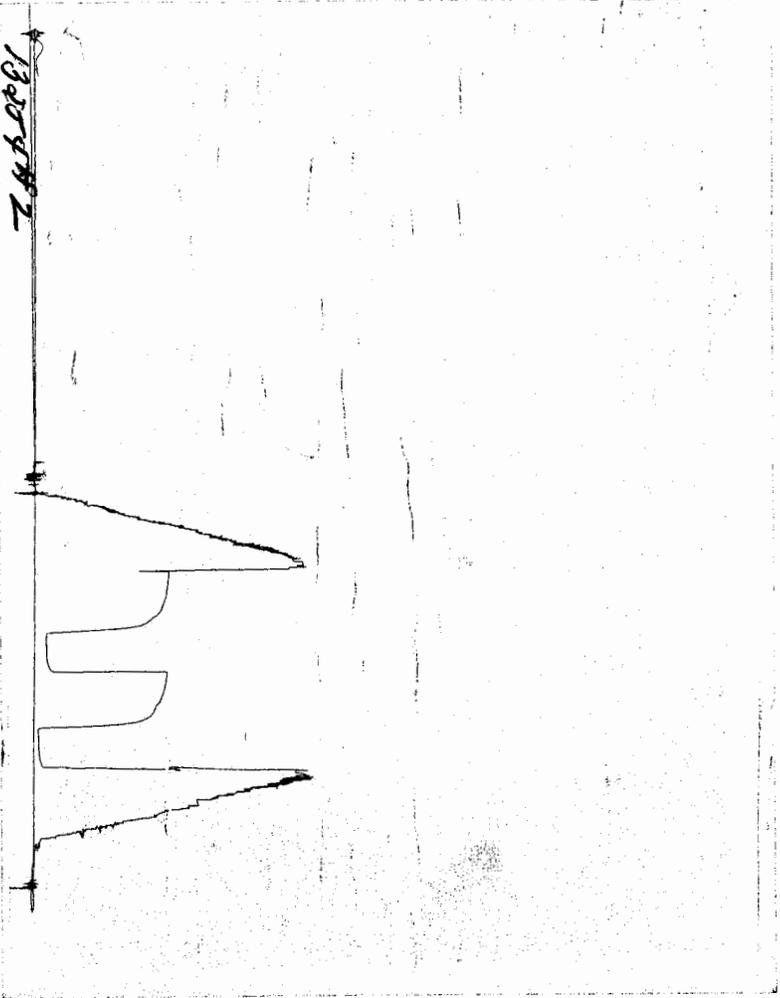
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

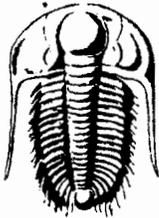
Final Flow	<u>30</u>	Shale Packer _____
Final Shut-In	<u>45</u>	Mileage <u>42</u> <u>71.40</u>
T-On Location	<u>07:30</u>	Sub Total: <u>921.40</u>
T-Started	<u>07:55</u>	Std. By _____
T-Open	<u>09:45</u>	Other _____
T-Pulled	<u>12:15</u>	Total: _____
T-Out	<u>13:38</u>	

Approved By [Signature]
 Our Representative Dan Sample

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No. 19785

05/03

Test Ticket

Well Name & No. Lambert #1 Test No. 3 Date 3-9-64
 Company Mai Oil Operations Inc Zone Tested I-J-K-L AKC
 Address _____ Elevation 2185 KB 2180 GL _____
 Co. Rep / Geo. Dave Shumaker Cont. Murfin #16 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 14 Twp. 9 Rge. 20 Co. Rooks State Ks
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3566 — 3640 Initial Str Wt./Lbs. 72,000 Unseated Str Wt/Lbs. 72,000
 Anchor Length 74 Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 80,000
 Top Packer Depth _____ 3561 Tool Weight 1100
 Bottom Packer Depth _____ 3566 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth _____ 3640 Wt. Pipe Run _____ Drill Collar Run 123
 Mud Wt. 9 LCM 1# Vis. 54 WL 7.2 Drill Pipe Size 4.5 XH Ft. Run 3451
 Blow Description I.F. Weak-building to Ya"

F.F. Weak-building to Ya"

Recovery - Total Feet 130 GIP _____ Ft. in DC 123 Ft. in DP 7
 Rec. 10 Feet of Co %gas _____ %oil _____ %water _____ %mud _____
 Rec. 120 Feet of OCM %gas 40 %oil _____ %water 60 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 102 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 5,000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1759</u> PSI	<u>6770</u>	
(B) First Initial Flow Pressure		<u>21</u> PSI	(depth) <u>3573</u>	Elec. Rec. <u>X</u>
(C) First Final Flow Pressure		<u>48</u> PSI	Recorder No. <u>13254</u>	Jars _____
(D) Initial Shut-In Pressure		<u>1086</u> PSI	(depth) <u>3637</u>	Safety Jt. _____
(E) Second Initial Flow Pressure		<u>54</u> PSI	Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure		<u>69</u> PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure		<u>1040</u> PSI	Initial Opening <u>45</u>	Straddle _____
(Q) Final Hydrostatic Mud		<u>1753</u> PSI	Initial Shut-In <u>60</u>	Ext. Packer _____
			Final Flow <u>45</u>	Shale Packer _____
			Final Shut-In <u>60</u>	Mileage <u>42</u>

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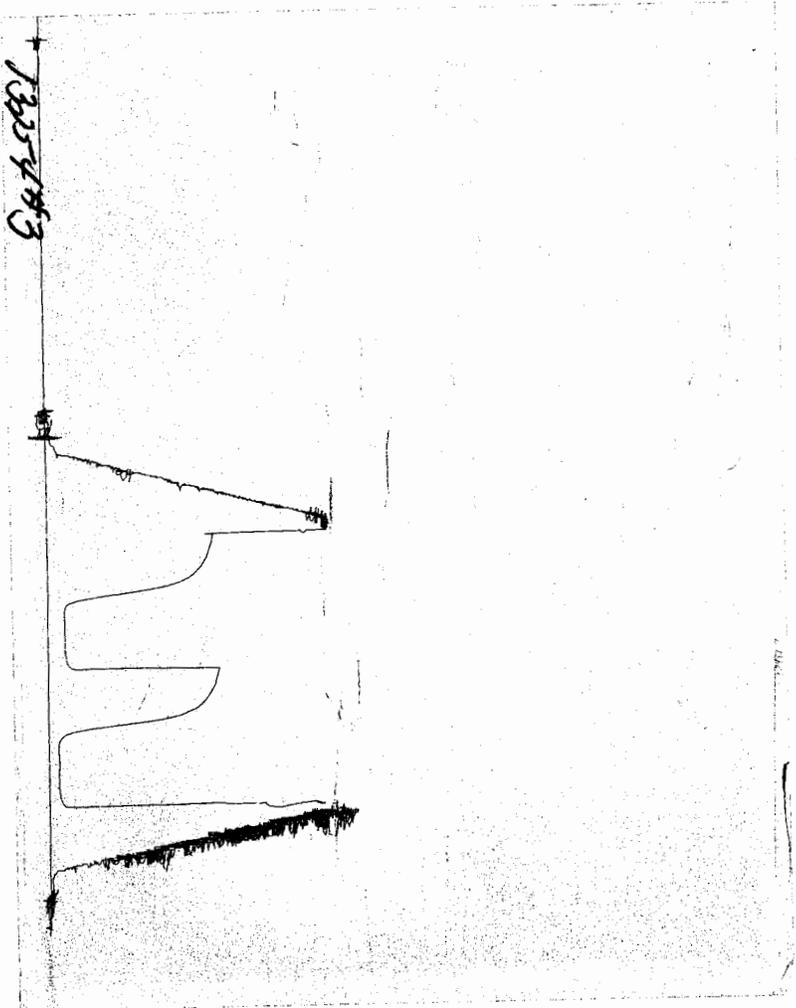
Approved By [Signature]
 Our Representative Dan Bangle

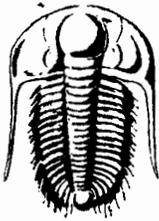
T-On Location	T-Started	T-Open	T-Pulled	T-Out
<u>02:30</u>	<u>02:35</u>	<u>04:00</u>	<u>07:30</u>	<u>09:26</u>

Sub Total: 921.40
 Std. By _____
 Other _____
 Total: _____

CHART PAGE

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No. 19786

05/03

Test Ticket

Well Name & No. Lambert #1 Test No. 4 Date 3-9-04
 Company Mai Oil Operations Inc Zone Tested Arbuckle
 Address _____ Elevation 2185 KB 2180 GL
 Co. Rep / Geo. Dave Schomaker Cont. Murfin #16 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 14 Twp. 9 Rge. 20 Co. Rooks State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3631 — 3685 Initial Str Wt./Lbs. 72,000 Unseated Str Wt./Lbs. 72,000
 Anchor Length 54 Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 80,000
 Top Packer Depth 3626 Tool Weight 1400
 Bottom Packer Depth 3631 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3685 Wt. Pipe Run _____ Drill Collar Run 123
 Mud Wt. 9.3 LCM 1# Vis. 52 WL 7.2 Drill Pipe Size 4.5XH Ft. Run 3515
 Blow Description I.F. weak - Died in 12 min.

Recovery - Total Feet 5 GIP _____ Ft. in DC 5 Ft. in DP _____
 Rec. 5 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 98 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 4,000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1828</u>	PSI	<u>6770</u>	_____
(B) First Initial Flow Pressure	<u>20</u>	PSI	(depth) <u>3638</u>	Elec. Rec. <u>X</u>
(C) First Final Flow Pressure	<u>23</u>	PSI	Recorder No. <u>13254</u>	Jars _____
(D) Initial Shut-In Pressure	<u>9.5</u>	PSI	(depth) <u>3670</u>	Safety Jt. _____
(E) Second Initial Flow Pressure	<u>—</u>	PSI	Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure	<u>—</u>	PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure	<u>—</u>	PSI	Initial Opening <u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>1771</u>	PSI	Initial Shut-In <u>30</u>	Ext. Packer _____

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Approved By [Signature]
 Our Representative Dan Bumpfe

Final Flow _____ Shale Packer _____
 Final Shut-In _____ Mileage 42
 T-On Location 15:15 Sub Total: 921.40
 T-Started 16:00 Std. By _____
 T-Open 18:07 Other _____
 T-Pulled 19:07 Total: _____
 T-Out 20:43

CHART PAGE

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