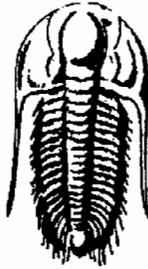


15-051-25531

8-13s-16w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Scheck Oil Operations**

225 Main Street
Russell KS 67665

ATTN: Tim Scheck

8 13S 16W Ellis KS

Yost Unit #1-8

Start Date: 2006.07.09 @ 06:47:42

End Date: 2006.07.09 @ 11:03:41

Job Ticket #: 25226 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Scheck Oil Operations

Yost Unit #1-8

8 13S 16W Ellis KS

DST # 1

LKC A-B

2006.07.09



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Scheck Oil Operations

Yost Unit #1-8

225 Main Street
Russell KS 67665

8 13S 16W Ellis KS

ATTN: Tim Scheck

Job Ticket: 25226

DST#: 1

Test Start: 2006.07.09 @ 06:47:42

GENERAL INFORMATION:

Formation: **LKC A-B**

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

Time Tool Opened: 08:17:41

Time Test Ended: 11:03:41

Test Type: **Conventional Bottom Hole**

Tester: **Ray Schwager**

Unit No: **28**

Interval: **3197.00 ft (KB) To 3250.00 ft (KB) (TVD)**

Reference Elevations: **1975.00 ft (KB)**

Total Depth: **3250.00 ft (KB) (TVD)**

1967.00 ft (CF)

Hole Diameter: **7.85 inches** Hole Condition: **Fair**

KB to GR/CF: **8.00 ft**

Serial #: 8167

Inside

Press@RunDepth: **20.10 psig @ 3199.01 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2006.07.09**

End Date: **2006.07.09**

Last Calib.: **2006.07.09**

Start Time: **06:47:42**

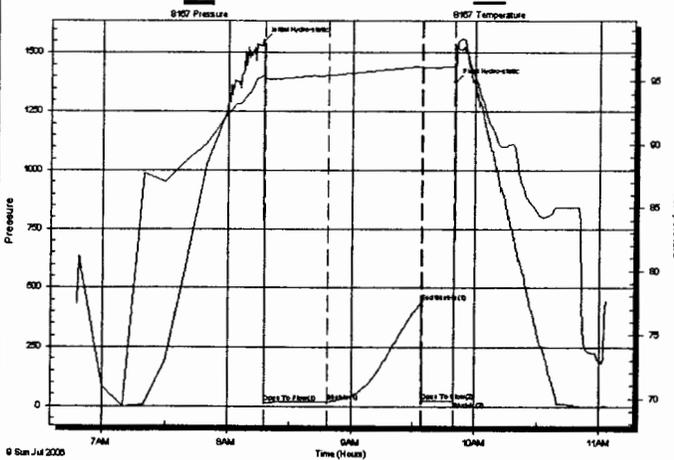
End Time: **11:03:41**

Time On Btm: **2006.07.09 @ 08:17:11**

Time Off Btm: **2006.07.09 @ 09:50:11**

TEST COMMENT: **FP Surface bl thru-out
FFP No bl
Times 30 45 15 out**

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1549.06	95.52	Initial Hydro-static
1	16.29	95.20	Open To Flow (1)
31	20.10	95.44	Shut-In(1)
77	440.59	96.18	End Shut-In(1)
78	22.35	95.97	Open To Flow (2)
93	23.13	96.17	Shut-In(2)
93	1374.42	96.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w/show of Oil	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Scheck Oil Operations

Yost Unit #1-8

225 Main Street
Russell KS 67665

8 13S 16W Ellis KS

Job Ticket: 25226

DST#: 1

ATTN: Tim Scheck

Test Start: 2006.07.09 @ 06:47:42

Tool Information

Drill Pipe:	Length: 3168.00 ft	Diameter: 3.80 inches	Volume: 44.44 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 50000.00 lb
			Total Volume: 44.59 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3197.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	53.02 ft			
Tool Length:	74.02 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			3177.00	
Shut In Tool	5.00			3182.00	
Hydraulic tool	5.00			3187.00	
Packer	5.00			3192.00	21.00 Bottom Of Top Packer
Packer	5.00			3197.00	
Stubb	1.00			3198.00	
Perforations	1.00			3199.00	
Recorder	0.01	8167	Inside	3199.01	
Blank Spacing	33.00			3232.01	
Perforations	15.00			3247.01	
Recorder	0.01	13534	Outside	3247.02	
Bullnose	3.00			3250.02	53.02 Bottom Packers & Anchor

Total Tool Length: 74.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Scheck Oil Operations

Yost Unit #1-8

225 Main Street
Russell KS 67665

8 13S 16W Ellis KS

Job Ticket: 25226

DST#: 1

ATTN: Tim Scheck

Test Start: 2006.07.09 @ 06:47:42

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: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.30 in ³	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
5.00	Mud w/show of Oil	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:

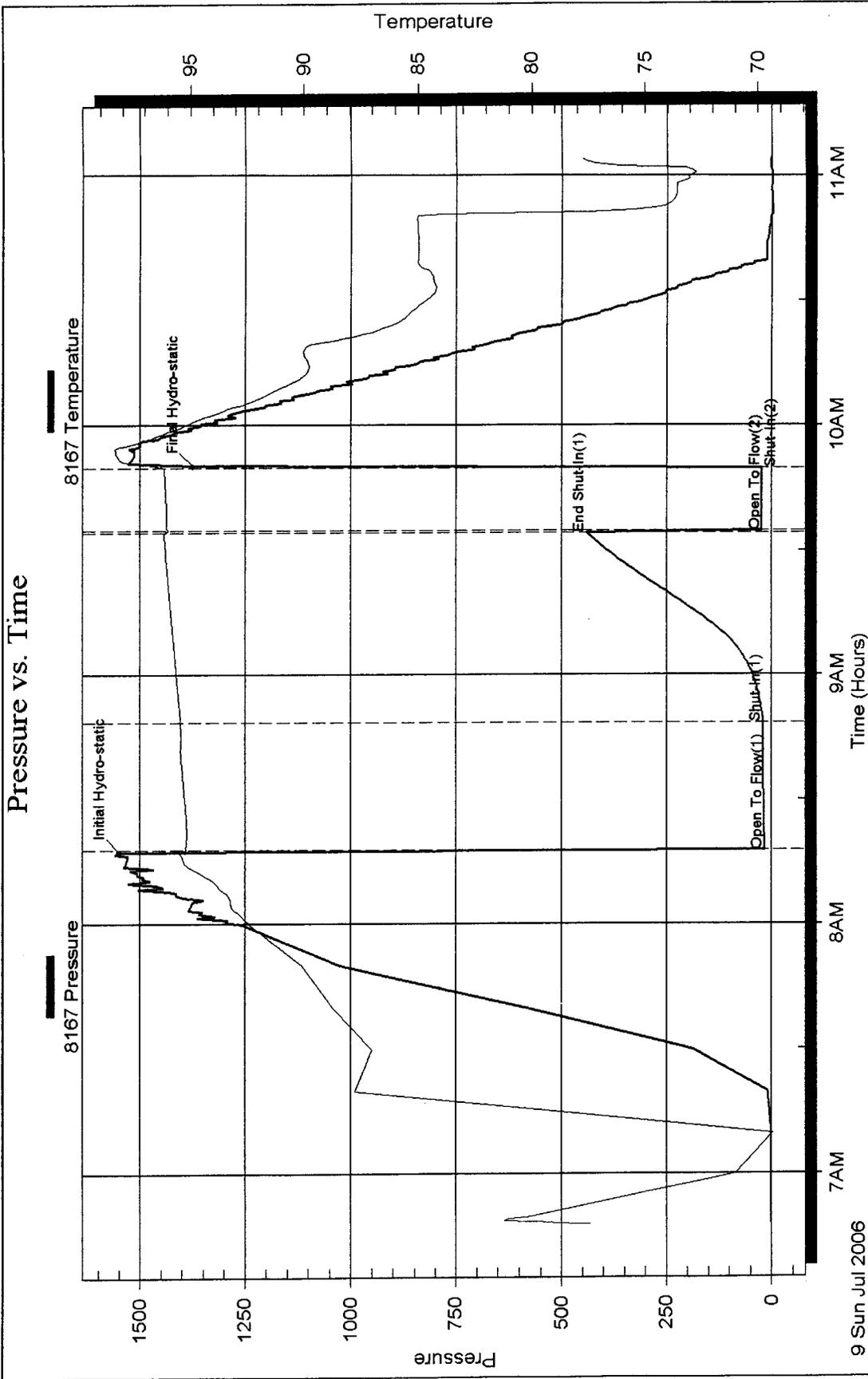
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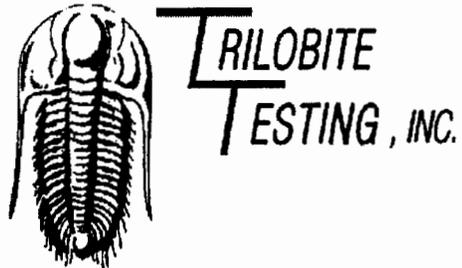
Inside Scheck Oil Operations

8 13S 16W Ellis KS

DST Test Number: 1

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Scheck Oil Operations**

225 Main Street
Russell KS 67665

ATTN: Tim Scheck

8 13S 16W Ellis KS

Yost Unit #1-8

Start Date: 2006.07.09 @ 16:35:24

End Date: 2006.07.09 @ 22:03:23

Job Ticket #: 25227 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

Scheck Oil Operations

Yost Unit #1-8

225 Main Street
Russell KS 67665

8 13S 16W Ellis KS

Job Ticket: 25227

DST#: 2

ATTN: Tim Scheck

Test Start: 2006.07.09 @ 16:35:24

GENERAL INFORMATION:

Formation: **LKC " C "**

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

Time Tool Opened: 18:16:23

Time Test Ended: 22:03:23

Test Type: **Conventional Bottom Hole**

Tester: **Ray Schwager**

Unit No: **28**

Interval: **3250.00 ft (KB) To 3265.00 ft (KB) (TVD)**

Total Depth: **3265.00 ft (KB) (TVD)**

Hole Diameter: **7.85 inches** Hole Condition: **Fair**

Reference Elevations: **1975.00 ft (KB)**

1967.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: 8167

Inside

Press@RunDepth: **47.39 psig @ 3252.01 ft (KB)**

Start Date: **2006.07.09**

End Date:

2006.07.09

Capacity: **7000.00 psig**

Last Calib.: **2006.07.09**

Start Time: **16:35:24**

End Time:

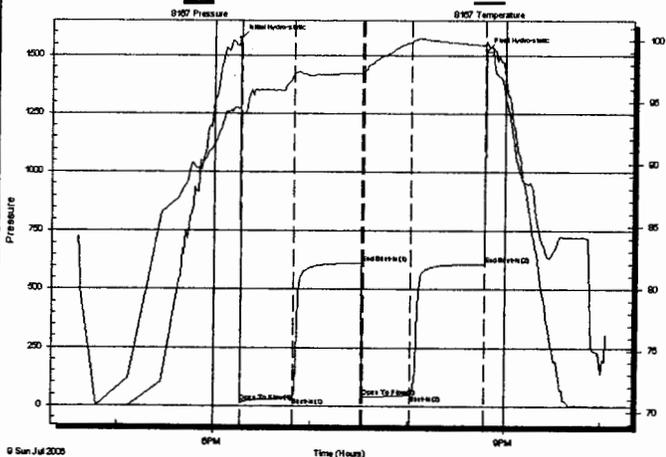
22:03:23

Time On Btm: **2006.07.09 @ 18:15:53**

Time Off Btm: **2006.07.09 @ 20:47:53**

TEST COMMENT: **FFP Wk bl thru-out surface to 1/4 " bl**
FFP Surface bl thru-out
Times 30 45 30 45

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1573.64	94.61	Initial Hydro-static
1	14.86	94.16	Open To Flow (1)
33	37.09	97.32	Shut-In (1)
76	614.18	97.34	End Shut-In (1)
77	38.16	97.40	Open To Flow (2)
106	47.39	99.90	Shut-In (2)
152	609.80	99.65	End Shut-In (2)
152	1521.30	99.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Water RW.28 @ 82F	0.64

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Scheck Oil Operations

Yost Unit #1-8

225 Main Street
Russell KS 67665

8 13S 16W Ellis KS

Job Ticket: 25227

DST#: 2

ATTN: Tim Scheck

Test Start: 2006.07.09 @ 16:35:24

Tool Information

Drill Pipe:	Length: 3230.00 ft	Diameter: 3.80 inches	Volume: 45.31 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 45.46 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3250.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.02 ft			
Tool Length:	36.02 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			3230.00	
Shut In Tool	5.00			3235.00	
Hydraulic tool	5.00			3240.00	
Packer	5.00			3245.00	21.00 Bottom Of Top Packer
Packer	5.00			3250.00	
Stubb	1.00			3251.00	
Perforations	1.00			3252.00	
Recorder	0.01	8167	Inside	3252.01	
Perforations	10.00			3262.01	
Recorder	0.01	13534	Outside	3262.02	
Bullnose	3.00			3265.02	15.02 Bottom Packers & Anchor

Total Tool Length: 36.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Scheck Oil Operations

Yost Unit #1-8

225 Main Street
Russell KS 67665

8 13S 16W Ellis KS

Job Ticket: 25227

DST#: 2

ATTN: Tim Scheck

Test Start: 2006.07.09 @ 16:35:24

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:	46000 ppm
Viscosity:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	11.31 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5500.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	Water RW.28 @ 82F	0.638

Total Length: 65.00 ft Total Volume: 0.638 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

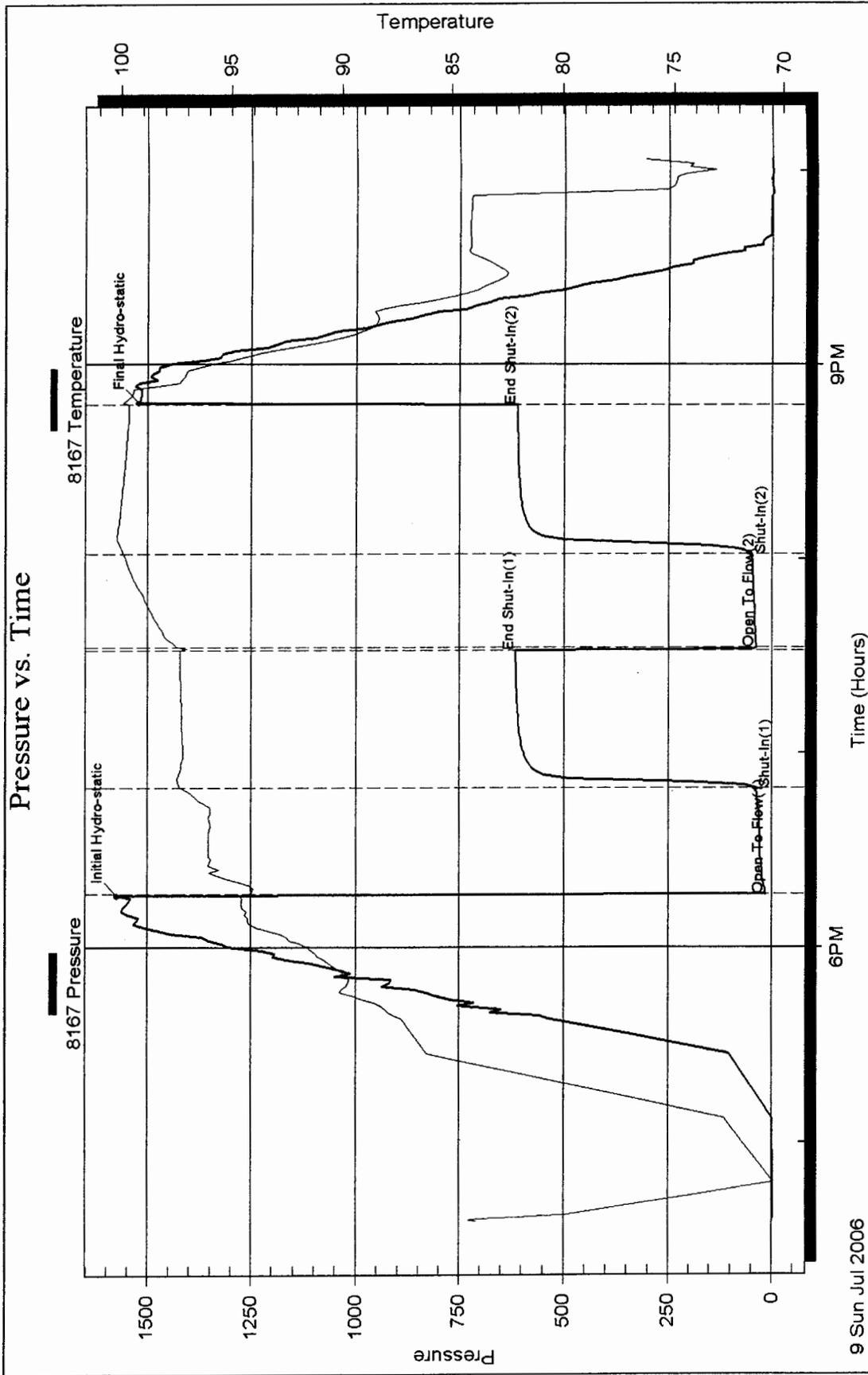
Recovery Comments:

Serial #: 8167

Inside Scheck Oil Operations

8 13S 16W Ellis KS

DST Test Number: 2



9 Sun Jul 2006

Trilobite Testing, Inc

Ref. No: 25227

Printed: 2006.07.12 @ 10:35:10 Page 5



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Scheck Oil Operations**

225 Main Street
Russell KS 67665

ATTN: Tim Scheck

8 13S 16W Ellis KS

Yost Unit #1-8

Start Date: 2006.07.10 @ 11:12:31

End Date: 2006.07.10 @ 17:17:30

Job Ticket #: 25228 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

Scheck Oil Operations

Yost Unit #1-8

225 Main Street
Russell KS 67665

8 13S 16W Ellis KS

Job Ticket: 25228

DST#: 3

ATTN: Tim Scheck

Test Start: 2006.07.10 @ 11:12:31

GENERAL INFORMATION:

Formation: **LKC I-J**

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

Time Tool Opened: 12:32:30

Time Test Ended: 17:17:30

Test Type: **Conventional Bottom Hole**

Tester: **Ray Schwager**

Unit No: **28**

Interval: **3357.00 ft (KB) To 3401.00 ft (KB) (TVD)**

Total Depth: **3401.00 ft (KB) (TVD)**

Hole Diameter: **7.85 inches** Hole Condition: **Fair**

Reference Elevations: **1975.00 ft (KB)**

1967.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: 8167 **Inside**

Press@RunDepth: **62.18 psig @ 3359.01 ft (KB)**

Start Date: **2006.07.10**

End Date:

2006.07.10

Capacity: **7000.00 psig**

Last Calib.: **2006.07.10**

Start Time: **11:12:31**

End Time:

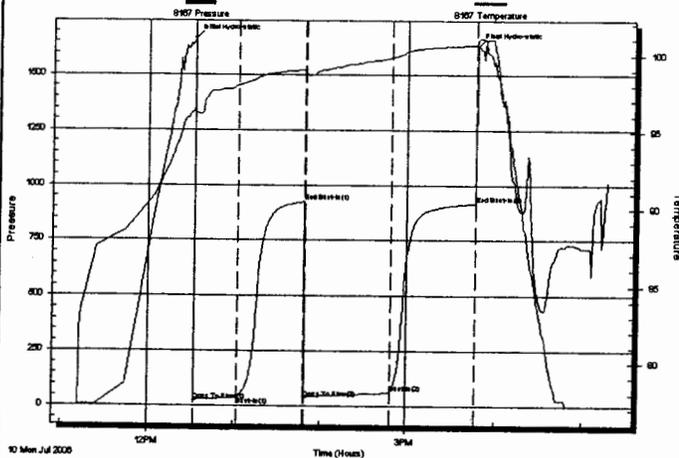
17:17:30

Time On Btm: **2006.07.10 @ 12:32:00**

Time Off Btm: **2006.07.10 @ 15:47:30**

TEST COMMENT: FFP Wk to strg in 25 min
FFP Strg bl in 4 min
Times 30 45 60 60
ISP No bl

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1664.00	96.58	Initial Hydro-static
1	21.33	96.24	Open To Flow (1)
31	37.88	98.06	Shut-In(1)
77	924.04	99.06	End Shut-In(1)
77	35.63	98.83	Open To Flow (2)
137	62.18	99.84	Shut-In(2)
195	917.50	100.66	End Shut-In(2)
196	1627.43	100.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	GMO 35%G 35%O 30%M	0.36
62.00	GMO 40%G 40%O 20%M	0.87
0.00	635' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Scheck Oil Operations

225 Main Street
Russell KS 67665

ATTN: Tim Scheck

Yost Unit #1-8

8 13S 16W Ellis KS

Job Ticket: 25228

DST#: 3

Test Start: 2006.07.10 @ 11:12:31

Tool Information

Drill Pipe:	Length: 3326.00 ft	Diameter: 3.80 inches	Volume: 46.66 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	55000.00 lb
			<u>Total Volume: 46.81 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	3357.00 ft			Final	41000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	44.02 ft				
Tool Length:	65.02 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			3337.00	
Shut In Tool	5.00			3342.00	
Hydraulic tool	5.00			3347.00	
Packer	5.00			3352.00	21.00 Bottom Of Top Packer
Packer	5.00			3357.00	
Stubb	1.00			3358.00	
Perforations	1.00			3359.00	
Recorder	0.01	8167	Inside	3359.01	
Perforations	7.00			3366.01	
Blank Spacing	32.00			3398.01	
Recorder	0.01	13534	Outside	3398.02	
Bullhose	3.00			3401.02	44.02 Bottom Packers & Anchor

Total Tool Length: 65.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Scheck Oil Operations

Yost Unit #1-8

225 Main Street
Russell KS 67665

8 13S 16W Ellis KS

Job Ticket: 25228

DST#: 3

ATTN: Tim Scheck

Test Start: 2006.07.10 @ 11:12:31

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.52 in ³	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
45.00	GMO 35%G 35%O 30%M	0.358
62.00	GMO 40%G 40%O 20%M	0.870
0.00	635' GIP	0.000

Total Length: 107.00 ft Total Volume: 1.228 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

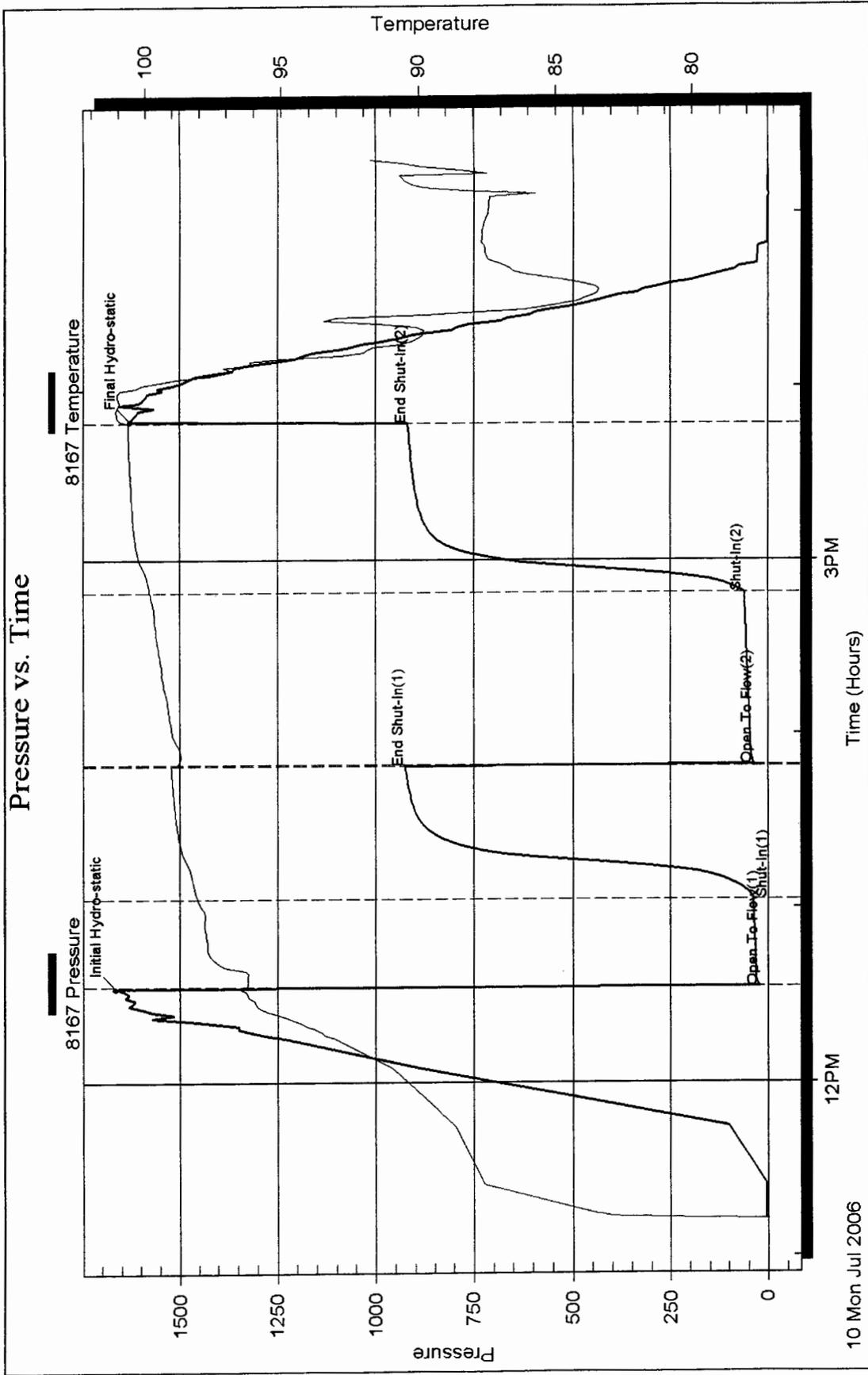
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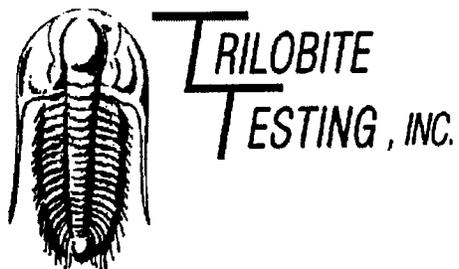
Inside

Scheck Oil Operations

8 13S 16W Ellis KS

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Scheck Oil Operations**

225 Main Street
Russell KS 67665

ATTN: Tim Scheck

8 13S 16W Ellis KS

Yost Unit #1-8

Start Date: 2006.07.11 @ 03:38:00

End Date: 2006.07.11 @ 09:05:59

Job Ticket #: 25229 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

Scheck Oil Operations

Yost Unit #1-8

225 Main Street
Russell KS 67665

8 13S 16W Ellis KS

ATTN: Tim Scheck

Job Ticket: 25229

DST#: 4

Test Start: 2006.07.11 @ 03:38:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:11:29

Time Test Ended: 09:05:59

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 28

Interval: **3437.00 ft (KB) To 3475.00 ft (KB) (TVD)**

Total Depth: 3475.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 1975.00 ft (KB)

1967.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8167

Inside

Press@RunDepth: 42.29 psig @ 3445.01 ft (KB)

Start Date: 2006.07.11

End Date:

2006.07.11

Capacity: 7000.00 psig

Last Calib.: 2006.07.11

Start Time: 03:38:00

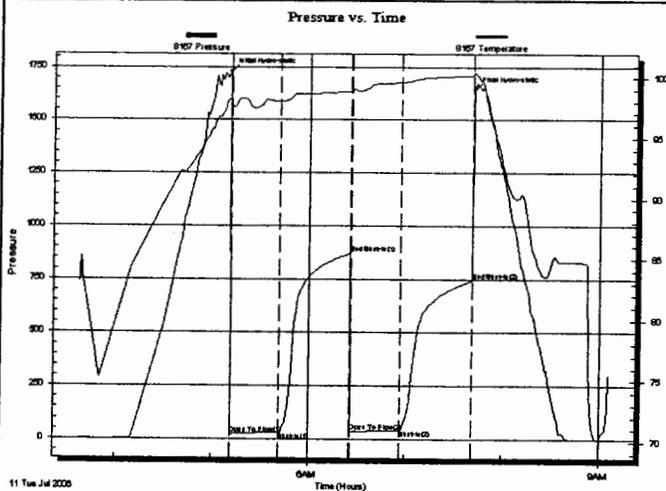
End Time:

09:05:59

Time On Btm: 2006.07.11 @ 05:10:59

Time Off Btm: 2006.07.11 @ 07:41:59

TEST COMMENT: FP Wk bl thru-out 1/4 " to 1 1/2 " bl
FFP Wk bl thru-out 1/4 " to 1/2 " bl
Times 30 45 30 45



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1726.99	98.19	Initial Hydro-static
1	20.99	97.69	Open To Flow (1)
31	31.94	98.07	Shut-In(1)
75	867.84	98.89	End Shut-In(1)
76	36.27	98.79	Open To Flow (2)
106	42.29	99.64	Shut-In(2)
151	743.56	100.23	End Shut-In(2)
151	1643.15	100.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	CO	0.12
40.00	VHOCM 45%O 55%M	0.52

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Scheck Oil Operations

Yost Unit #1-8

225 Main Street
Russell KS 67665

8 13S 16W Ellis KS

Job Ticket: 25229

DST#: 4

ATTN: Tim Scheck

Test Start: 2006.07.11 @ 03:38:00

Tool Information

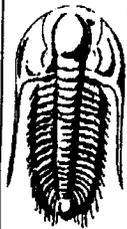
Drill Pipe:	Length: 3417.00 ft	Diameter: 3.80 inches	Volume: 47.93 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 48.08 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3437.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.02 ft			
Tool Length:	59.02 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			3417.00	
Shut In Tool	5.00			3422.00	
Hydraulic tool	5.00			3427.00	
Packer	5.00			3432.00	21.00 Bottom Of Top Packer
Packer	5.00			3437.00	
Stubb	1.00			3438.00	
Perforations	7.00			3445.00	
Recorder	0.01	8167	Inside	3445.01	
Perforations	27.00			3472.01	
Recorder	0.01	13534	Outside	3472.02	
Bullnose	3.00			3475.02	38.02 Bottom Packers & Anchor

Total Tool Length: 59.02



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Scheck Oil Operations

Yost Unit #1-8

225 Main Street
Russell KS 67665

8 13S 16W Ellis KS

Job Ticket: 25229

DST#: 4

ATTN: Tim Scheck

Test Start: 2006.07.11 @ 03:38:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

27 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.55 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
25.00	CO	0.123
40.00	VHOCM 45%O 55%M	0.516

Total Length: 65.00 ft

Total Volume: 0.639 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

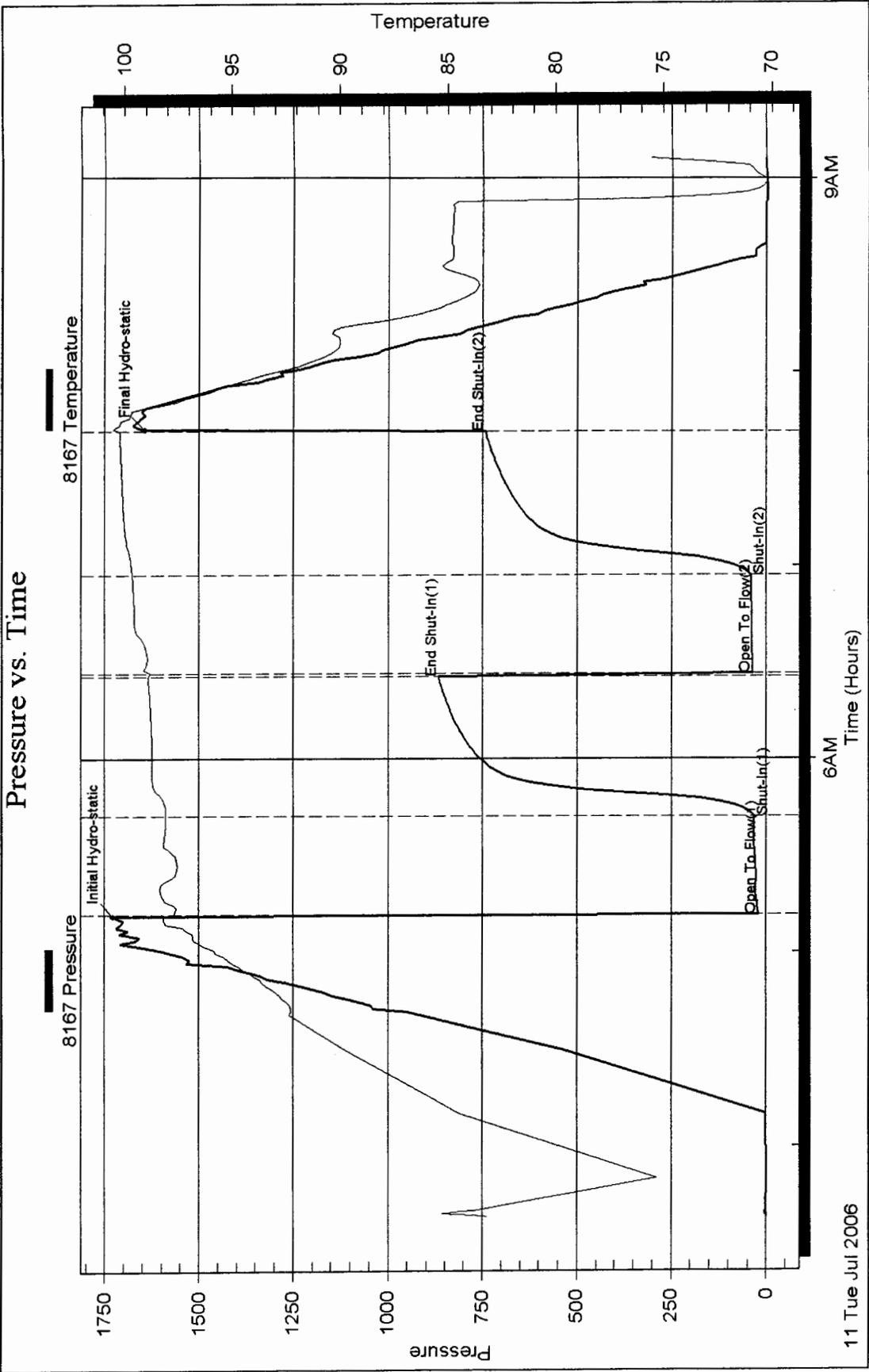
Serial #: 8167

Inside Scheck Oil Operations

8 13S 16W Ellis KS

DST Test Number: 4

Pressure vs. Time

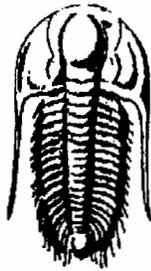


11 Tue Jul 2006

Trilobite Testing, Inc

Ref. No: 25229

Printed: 2006.07.12 @ 10:35:49 Page 5



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Scheck Oil Operations**

225 Main Street
Russell KS 67665

ATTN: Tim Scheck

8 13S 16W Ellis KS

Yost Unit #1-8

Start Date: 2006.07.11 @ 14:11:39

End Date: 2006.07.11 @ 20:25:08

Job Ticket #: 25230 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Scheck Oil Operations

Yost Unit #1-8

8 13S 16W Ellis KS

DST # 5

Arbuckle

2006.07.11



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Scheck Oil Operations

Yost Unit #1-8

225 Main Street
Russell KS 67665

8 13S 16W Ellis KS

Job Ticket: 25230

DST#: 5

ATTN: Tim Scheck

Test Start: 2006.07.11 @ 14:11:39

GENERAL INFORMATION:

Formation: **Arbuckle**

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

Time Tool Opened: 15:54:38

Time Test Ended: 20:25:08

Test Type: **Conventional Bottom Hole**

Tester: **Ray Schwager**

Unit No: **28**

Interval: **3474.00 ft (KB) To 3485.00 ft (KB) (TVD)**

Reference Elevations: **1975.00 ft (KB)**

Total Depth: **3485.00 ft (KB) (TVD)**

1967.00 ft (CF)

Hole Diameter: **7.85 inches** Hole Condition: **Fair**

KB to GR/CF: **8.00 ft**

Serial #: 8167

Inside

Press@RunDepth: **114.90 psig @ 3477.01 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2006.07.11**

End Date:

2006.07.11

Last Calib.:

2006.07.11

Start Time: **14:11:39**

End Time:

20:25:08

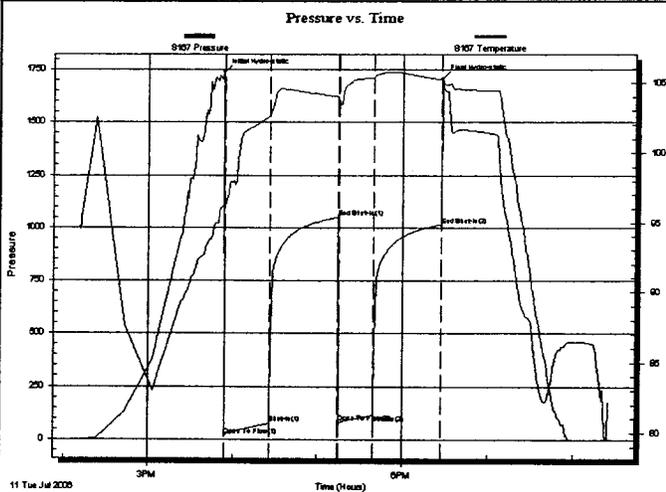
Time On Btm:

2006.07.11 @ 15:53:38

Time Off Btm:

2006.07.11 @ 18:27:38

TEST COMMENT: FFP Wk to a fr bl 1/2 " to 5 " bl
FFP Wk to a fr bl 1/2 " to 3 1/2 " bl
Times 30 45 30 45
No bl on shut-in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1735.77	96.29	Initial Hydro-static
1	19.61	96.13	Open To Flow (1)
32	76.23	102.62	Shut-In(1)
81	1050.15	103.99	End Shut-In(1)
82	80.21	103.66	Open To Flow (2)
106	114.90	105.35	Shut-In(2)
154	1015.46	105.22	End Shut-In(2)
154	1706.48	105.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	Water w/show of Oil	0.22
186.00	Water RW .24 @ 88F	2.61

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Scheck Oil Operations

Yost Unit #1-8

225 Main Street
Russell KS 67665

8 13S 16W Ellis KS

ATTN: Tim Scheck

Job Ticket: 25230

DST#: 5

Test Start: 2006.07.11 @ 14:11:39

Tool Information

Drill Pipe:	Length: 3453.00 ft	Diameter: 3.80 inches	Volume: 48.44 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 48.59 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3474.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.02 ft			
Tool Length:	32.02 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			3454.00	
Shut In Tool	5.00			3459.00	
Hydraulic tool	5.00			3464.00	
Packer	5.00			3469.00	21.00 Bottom Of Top Packer
Packer	5.00			3474.00	
Stubb	1.00			3475.00	
Perforations	2.00			3477.00	
Recorder	0.01	8167	inside	3477.01	
Perforations	5.00			3482.01	
Recorder	0.01	13534	Outside	3482.02	
Bullnose	3.00			3485.02	11.02 Bottom Packers & Anchor

Total Tool Length: 32.02



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Scheck Oil Operations

Yost Unit #1-8

225 Main Street
Russell KS 67665

8 13S 16W Ellis KS

Job Ticket: 25230

DST#: 5

ATTN: Tim Scheck

Test Start: 2006.07.11 @ 14:11:39

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:

23000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.16 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
35.00	Water w/show of Oil	0.218
186.00	Water RW .24 @ 88F	2.609

Total Length: 221.00 ft

Total Volume: 2.827 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

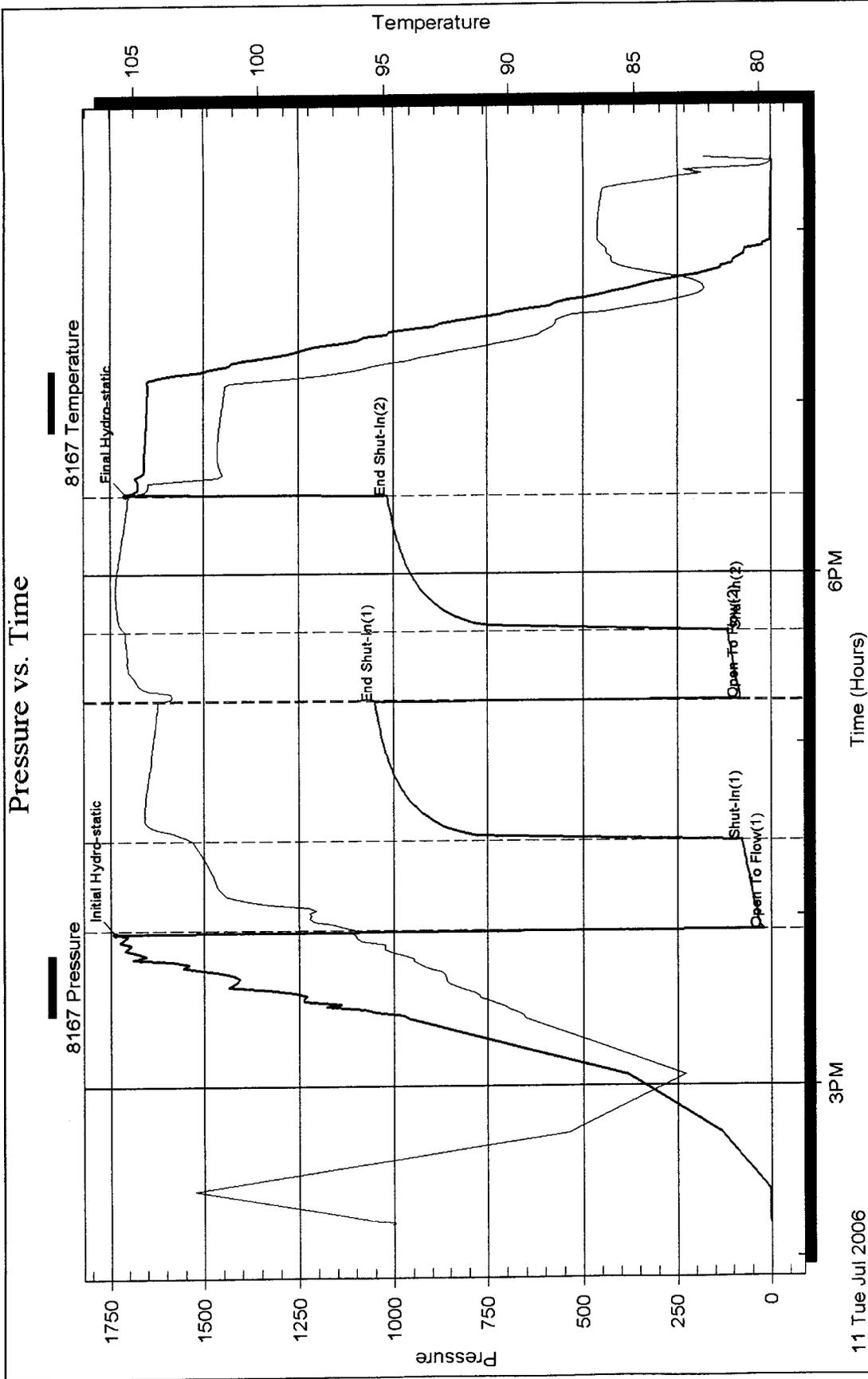
Serial #: 8167

Inside

Scheck Oil Operations

8 13S 16W Ellis KS

DST Test Number: 5

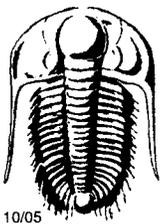


11 Tue Jul 2006

Trilobite Testing, Inc

Ref. No: 25230

Printed: 2006.07.12 @ 10:36:40 Page 5



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

8985

25226

10/05

Test Ticket

4-4

Well Name & No. Yost Unit # 1-B Test No. 1 Date 7-9-06
 Company Scheck Oil Operations Zone Tested LKC A-B
 Address 225 MAIN STREET Russell, Ks 67665 Elevation 1975 KB 1967 GL
 Co. Rep / Geo. Francis Whisler Rig Discovery rig 2
 Location: Sec. 8 Twp. 13^s Rge. 16^w Co. ELLIS State Ko
 Comment: _____ Release date / time: _____

Interval Tested 3197-3250 Initial Str Wt./Lbs. 40000 Unseated Str Wt./Lbs. 40000
 Anchor Length 53 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 50000
 Top Packer Depth 3192 Tool Weight 2200
 Bottom Packer Depth 3197 Hole Size 7 7/8" - Rubber Size 6 3/4" -
 Total Depth 3250 Wt. Pipe Run - Drill Collar Run 30
 Mud Wt. 8.8 LCM 1/8[#] Vis. 46 WL 9.4 Drill Pipe Size 4 1/2 XH Ft. Run 3168
 Blow Description IFP - SURFACE Blow Thru-out
FFP - NO BLOW

Recovery - Total Feet 5 GIP - Ft. in DC 5 Ft. in DP -
 Rec. 5 Feet of Mud %gas %oil %water %mud
 Rec. _____ Feet of w/show of oil %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 96 °F Gravity - °API D @ - °F Corrected Gravity _____ °API
 RW - @ - °F Chlorides _____ ppm Recovery _____ Chlorides 6000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	1530	PSI	8167	✓ 1000.00
(B) First Initial Flow Pressure	16	PSI	(depth) 3199	Jars _____
(C) First Final Flow Pressure	20	PSI	Recorder No. 13534	Safety Jt. _____
(D) Initial Shut-In Pressure	440	PSI	(depth) 3247	Circ Sub _____
(E) Second Initial Flow Pressure	22	PSI	Recorder No. -	Sampler _____
(F) Second Final Flow Pressure	23	PSI	(depth) -	Straddle _____
(G) Final Shut-In Pressure	-	PSI	Initial Opening 30	Ext. Packer _____
(Q) Final Hydrostatic Mud	1513	PSI	Initial Shut-In 45	Shale Packer _____

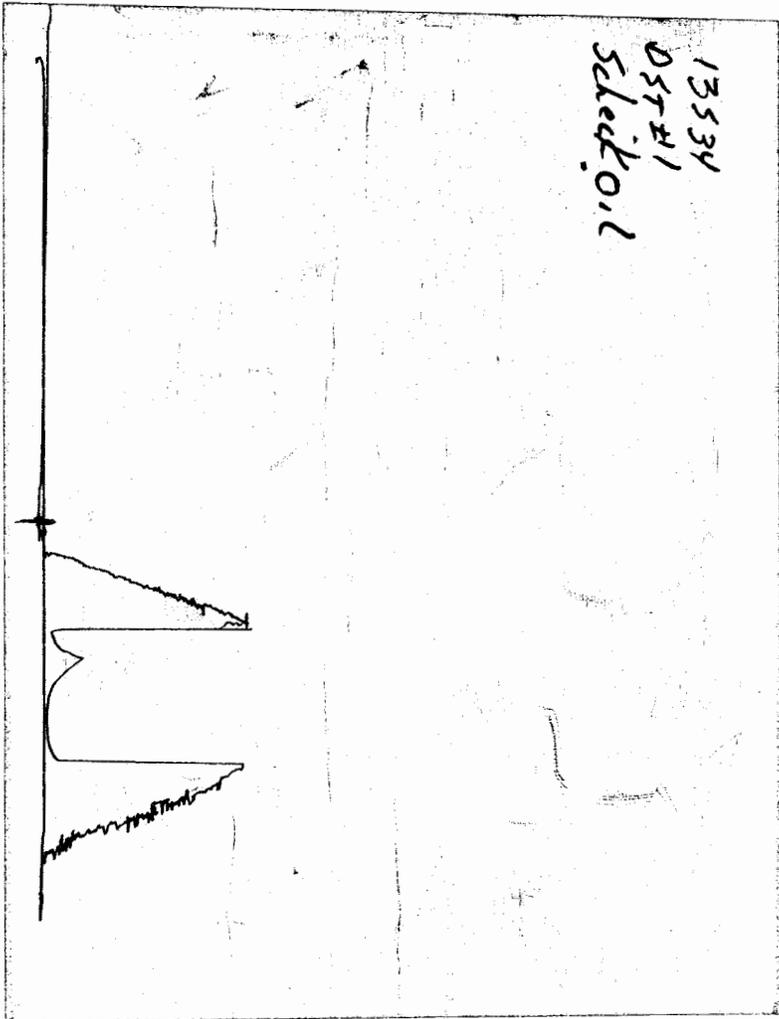
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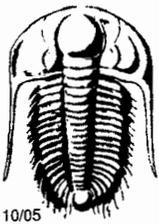
Approved By Francis Whisler
 Our Representative RAY Schwager thank you

Final Flow	15
Final Shut-In	out
T-On Location	0615
T-Started	0647
T-Open	0815
T-Pulled	0945
T-Out	1103
Mileage	✓ 34RT 42.50
Sub Total:	1042.50
Std. By	<u> </u>
Acc. Chg:	_____
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

25227

Test Ticket

Well Name & No. Yost Unit #1-8 Test No. 2 Date 9-9-06
 Company Scheck Oil Operations Zone Tested LKC "C"
 Address 225 MAIN STREET Russell, Ks 67665 Elevation 1975 KB 1967 GL
 Co. Rep / Geo. Francis Whisler Rig Discovery 1192
 Location: Sec. 8 Twp. 13^s Rge. 16^w Co. ELLIS State Ko
 Comment: _____ Release date / time: _____

Interval Tested 3250 - 3265 Initial Str Wt./Lbs. 40000 Unseated Str Wt./Lbs. 40000
 Anchor Length 15 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 55000
 Top Packer Depth 3245 Tool Weight 2200
 Bottom Packer Depth 3250 Hole Size 7 7/8" - Rubber Size 6 3/4" -
 Total Depth 3265 Wt. Pipe Run - Drill Collar Run 30
 Mud Wt. 9.2 LCM 1/8# Vis. 50 WL 11.4 Drill Pipe Size 4 1/2 XH Ft. Run 3230
 Blow Description IFP - WEAK Blow thru-out, surface to 1/4" Blow
FFP - SURFACE Blow thru-out

Recovery - Total Feet 65 GIP - Ft. in DC 30 Ft. in DP 35
 Rec. 65 Feet of WATER %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 _____ °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .24 @ 82 °F Chlorides 46000 ppm Recovery _____ Chlorides 5500 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		1542 PSI	8167	✓ 1000
(B) First Initial Flow Pressure		14 PSI	(depth) 3252	Jars
(C) First Final Flow Pressure		37 PSI	Recorder No. 13534	Safety Jt.
(D) Initial Shut-In Pressure		614 PSI	(depth) 3262	Circ Sub
(E) Second Initial Flow Pressure		38 PSI	Recorder No. -	Sampler
(F) Second Final Flow Pressure		47 PSI	(depth) -	Straddle
(G) Final Shut-In Pressure		609 PSI	Initial Opening 30	Ext. Packer
(Q) Final Hydrostatic Mud		1513 PSI	Initial Shut-In 45	Shale Packer

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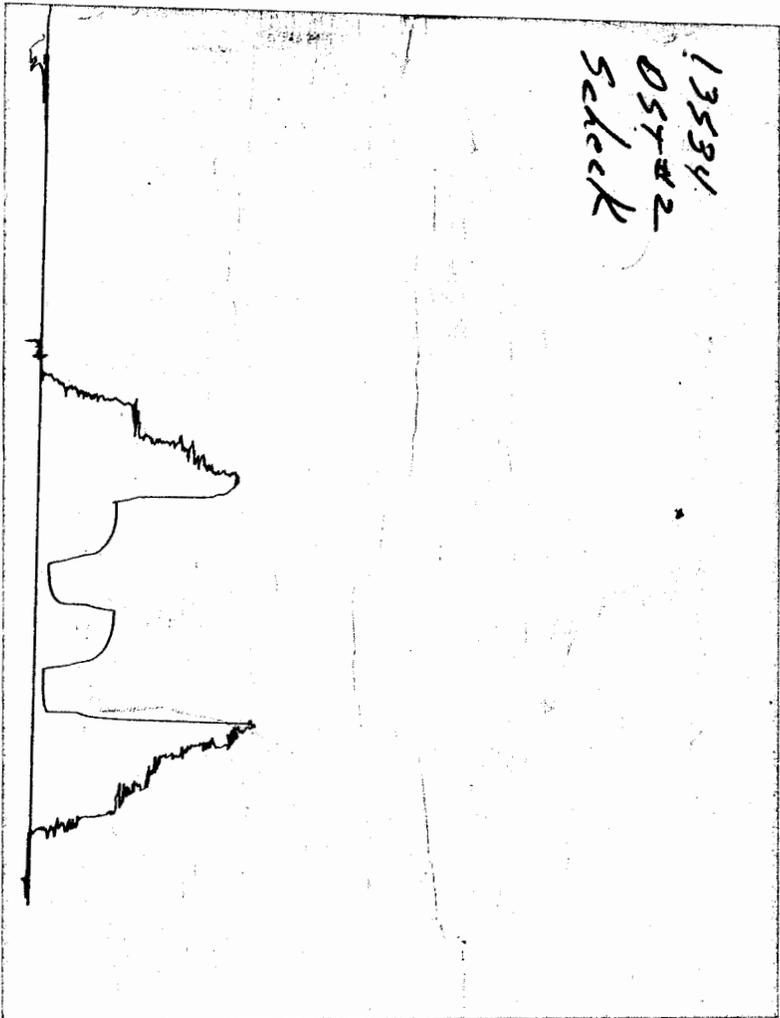
Approved By Francis Whisler

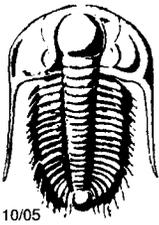
Our Representative RAY Schwager Thank you

Final Flow	30	Ruined Packer	
Final Shut-In	45	Mileage	✓ 39 RT 42.50
T-On Location	1615	Sub Total:	1042.50
T-Started	1635	Std. By	<u> </u>
T-Open	1820	Acc. Chg:	
T-Pulled	2050	Other:	
T-Out	2203	Total:	

CHART PAGE

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25228

Test Ticket

Well Name & No. YOST UNIT #1-8 Test No. 3 Date 7-10-06
 Company Scheck Oil Operations Zone Tested LKC I-J
 Address 225 MAIN STREET RUSSELL, Ks 67665 Elevation 1975 KB 1967 GL
 Co. Rep / Geo. Francis Whisler Rig Discovery rig 2
 Location: Sec. 8 Twp. 13^s Rge. 16^w Co. ELLIS State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3357-3401 Initial Str Wt./Lbs. 40000 Unseated Str Wt./Lbs. 41000
 Anchor Length 44 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 55000
 Top Packer Depth 3352 Tool Weight 2200
 Bottom Packer Depth 3357 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3401 Wt. Pipe Run - Drill Collar Run 30
 Mud Wt. 9.1 LCM 1/8" Vis. 48 WL 9.6 Drill Pipe Size 4 1/2 X H Ft. Run 3326

Blow Description IFP - WEAK TO STRONG IN 25 min
FFP - STRONG BLOW IN 4 min
ISIP - NO BLOW
FSTP - WEAK BLOW BACK

Recovery - Total Feet 107 GIP 635 Ft. in DC 30 Ft. in DP 77
 Rec. 45 Feet of GMO 35% gas 35% oil 30% water 30% mud
 Rec. 62 Feet of GMO 40% gas 40% oil 20% water 20% mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 100 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 6000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1627</u> PSI	<u>8167</u>	<input checked="" type="checkbox"/> <u>1000</u>
(B) First Initial Flow Pressure		<u>21</u> PSI	(depth) <u>3359</u>	Jars _____
(C) First Final Flow Pressure		<u>37</u> PSI	Recorder No. <u>13534</u>	Safety Jt. _____
(D) Initial Shut-In Pressure		<u>924</u> PSI	(depth) <u>3498</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>35</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		<u>62</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure		<u>917</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1604</u> PSI	Initial Shut-In <u>45</u>	Shale Packer _____
			Final Flow <u>60</u>	Ruined Packer _____
			Final Shut-In <u>60</u>	Mileage <u>34RT 42.50</u>

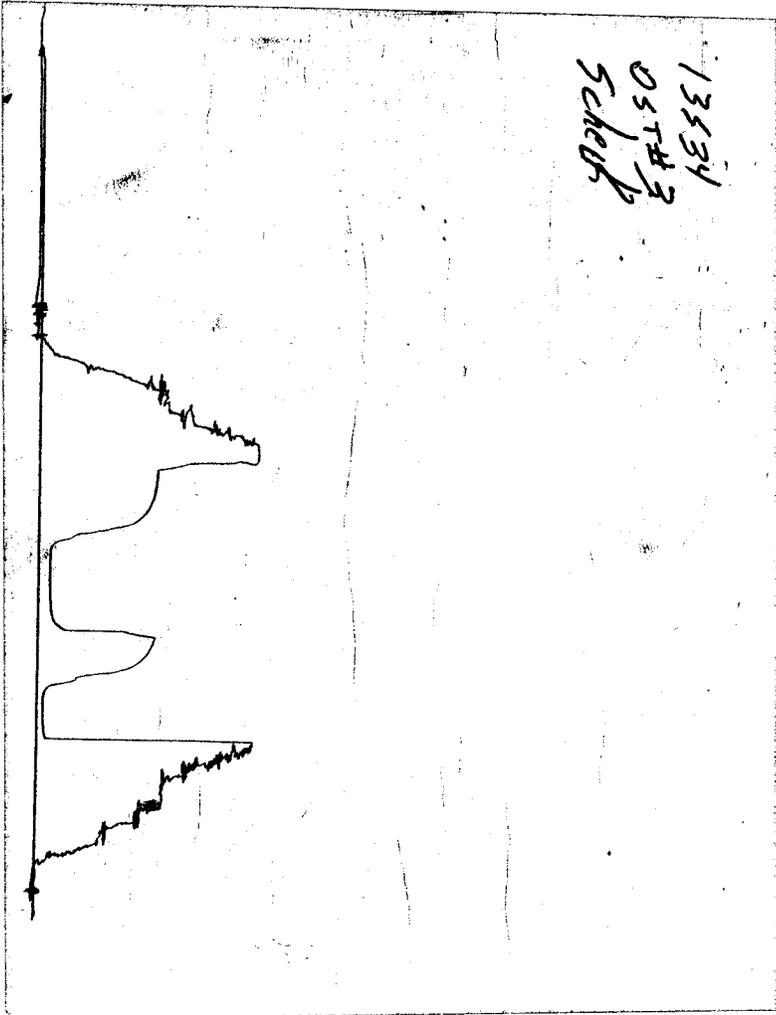
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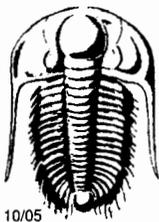
Approved By Francis Whisler
 Our Representative RAY SCHWAGER Thank you

T-On Location 1045 Sub Total: 1042.50
 T-Started 1212 Std. By _____
 T-Open 1230 Acc. Chg: _____
 T-Pulled 1545 Other: _____
 T-Out 1717 Total: _____

CHART PAGE

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25229

Test Ticket

Well Name & No. Yost Unit #1-8 Test No. 4 Date 7-11-06
 Company Scheck Oil Operations Zone Tested Arbuckle
 Address 225 Main Street Russell, Ks 67665 Elevation 1975 KB 1967 GL
 Co. Rep / Geo. Francis Whisler Rig Discovery rig 2
 Location: Sec. 8 Twp. 13^s Rge. 16^w Co. ELLIS State Ko
 Comment: _____ Release date / time: _____

Interval Tested 3437-3475 Initial Str Wt./Lbs. 40000 Unseated Str Wt./Lbs. 40000
 Anchor Length 38 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 55000
 Top Packer Depth 3432 Tool Weight 2200
 Bottom Packer Depth 3437 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3475 Wt. Pipe Run - Drill Collar Run 30
 Mud Wt. 9.1 LCM 1/8" Vis. 48 WL 9.6 Drill Pipe Size 4 1/2" XH Ft. Run 3417
 Blow Description IFP - WEAK Blow Thru-out 1/4" To 1/2" Blow
FFP - WEAK Blow Thru-out 1/4" To 1/2" Blow
NO BLOW ON SHUT-IN

Recovery - Total Feet 65 GIP - Ft. in DC 30 Ft. in DP 35
 Rec. 25 Feet of CO %gas %oil %water %mud
 Rec. 40 Feet of VHOCM %gas 45 %oil %water 55 %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 100 °F Gravity 27 °API D @ 60 °F Corrected Gravity 27 °API
 RW - @ - °F Chlorides - ppm Recovery Chlorides 6000 ppm System

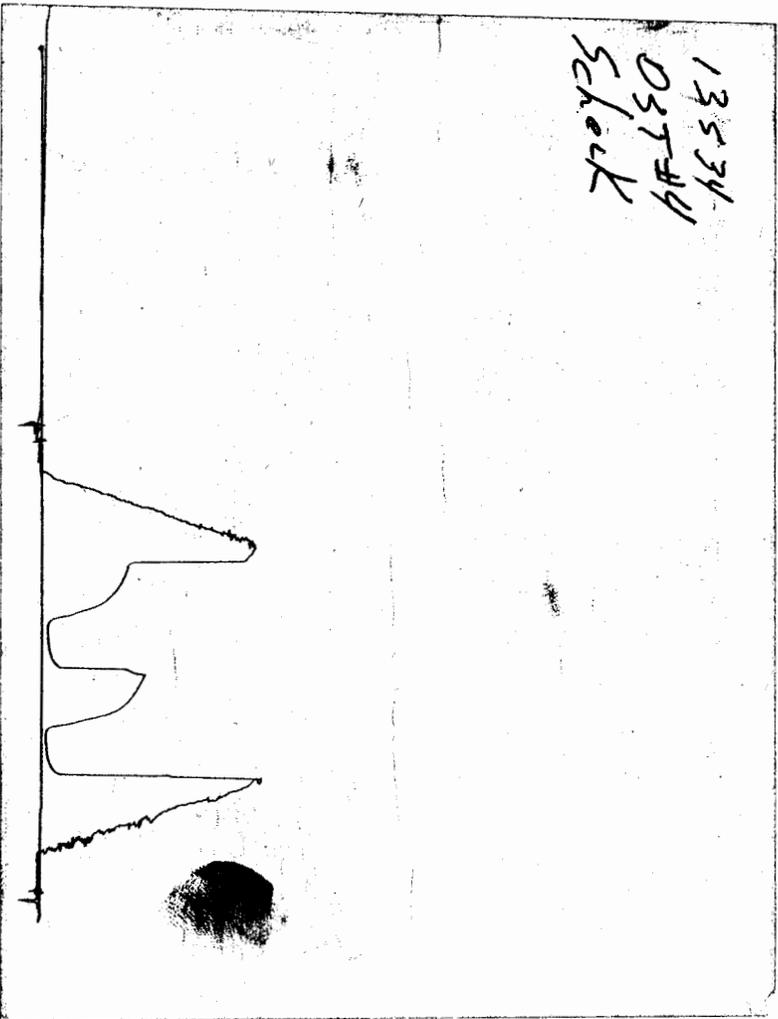
(A) Initial Hydrostatic Mud	AK-1	Alpine	1699	PSI	Recorder No.	8167	Test	✓	1000
(B) First Initial Flow Pressure			20	PSI	(depth)	3445	Jars		
(C) First Final Flow Pressure			31	PSI	Recorder No.	13534	Safety Jt.		
(D) Initial Shut-In Pressure			867	PSI	(depth)	3472	Circ Sub		
(E) Second Initial Flow Pressure			36	PSI	Recorder No.	-	Sampler		
(F) Second Final Flow Pressure			42	PSI	(depth)	-	Straddle		
(G) Final Shut-In Pressure			743	PSI	Initial Opening	30	Ext. Packer		
(Q) Final Hydrostatic Mud			1642	PSI	Initial Shut-In	45	Shale Packer		
					Final Flow	30	Ruined Packer		
					Final Shut-In	45	Mileage	✓	34RT 42.50
					T-On Location	0330	Sub Total:		1042.50
					T-Started	0337	Std. By		
					T-Open	0510	Acc. Chg:		
					T-Pulled	0740	Other:		
					T-Out	0905	Total:		

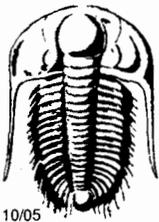
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Approved By Francis Whisler
 Our Representative Ray Schwager Thank you

CHART PAGE

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25230

Test Ticket

Well Name & No. YOST UNIT #1-8 Test No. 5 Date 7-11-06
 Company Scheck OIL OPERATIONS Zone Tested Arbuckle
 Address 225 MAIN STREET RUSSELL, KS 67665 Elevation 1975 KB 1967 GL
 Co. Rep / Geo. Francis Whisler Rig DISCOVERY RIG 2
 Location: Sec. 8 Twp. 13^s Rge. 16^w Co. ELLIS State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3474-3485 Initial Str Wt./Lbs. 40000 Unseated Str Wt/Lbs. 41000
 Anchor Length 11 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 55000
 Top Packer Depth 3469 Tool Weight 2200
 Bottom Packer Depth 3474 Hole Size 7 7/8" - Rubber Size 6 3/4" -
 Total Depth 3485 Wt. Pipe Run - Drill Collar Run 30
 Mud Wt. 9.4 LCM 1/8" Vis. 54 WL 11.2 Drill Pipe Size 4 1/2 X H Ft. Run 3453
 Blow Description IFP - WEAK TO A FAIR BLOW 1/2" TO 5" BLOW
FFP - WEAK TO A FAIR BLOW 1/2" TO 3 1/2" BLOW
NO BLOW ON SHUT-IN

Recovery - Total Feet 221 GIP _____ Ft. in DC 30 Ft. in DP 191
 Rec. 35 Feet of WATER w/slow flow %gas _____ %oil _____ %water _____ %mud _____
 Rec. 186 Feet of WATER %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 105 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .24 @ 88 °F Chlorides 23000 ppm Recovery _____ Chlorides 5500 ppm System

AK-1	Alpine	PSI	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1694</u>	PSI	<u>8167</u>	<input checked="" type="checkbox"/> <u>10000</u>
(B) First Initial Flow Pressure	<u>19</u>	PSI	(depth) <u>3477</u>	Jars _____
(C) First Final Flow Pressure	<u>76</u>	PSI	Recorder No. <u>13534</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>1050</u>	PSI	(depth) <u>3482</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>80</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>114</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1015</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1656</u>	PSI	Initial Shut-In <u>45</u>	Shale Packer _____
			Final Flow <u>30</u>	Ruined Packer _____
			Final Shut-In <u>45</u>	Mileage <input checked="" type="checkbox"/> <u>34 RT 42.50</u>
			T-On Location <u>1345</u>	Sub Total: <u>1042.50</u>
			T-Started <u>1411</u>	Std. By _____
			T-Open <u>1555</u>	Acc. Chg: _____
			T-Pulled <u>1825</u>	Other: _____
			T-Out <u>2025</u>	Total: _____

Approved By _____
 Our Representative RAY SCHWAGER Thank you

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CHART PAGE

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

