

**TRILOBITE
TESTING, INC.**

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KCC WICHITA

DRILL STEM TEST REPORT

Prepared For: **Trich Production Inc**

PO Box 1408
Longview TX 75606

ATTN: Ken Fletcher

32-10s-19w Rooks Ks

Schoshetom Unit#1-32

Start Date: 2002.06.10 @ 05:47:04

End Date: 2002.06.10 @ 14:03:33

Job Ticket #: 16033

DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

100327

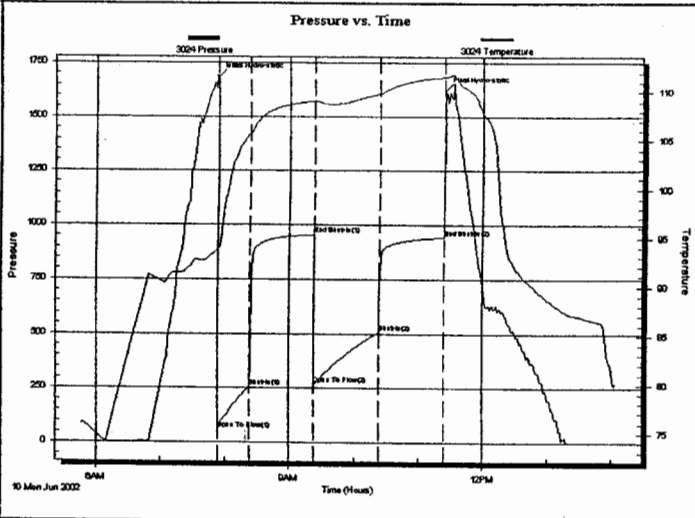
 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT	
	Trich Production Inc PO Box 1408 Longview TX 75606 ATTN: Ken Fletcher	Schoshetom Unit#1-32 32-10s-19w Rooks Ks Job Ticket: 16033 DST#: 1 Test Start: 2002.06.10 @ 05:47:04

GENERAL INFORMATION:

Formation: LKC Deviated: No Whipstock: ft (KB) Time Tool Opened: 07:53:33 Time Test Ended: 14:03:33 Interval: 3412.00 ft (KB) To 3455.00 ft (KB) (TVD) Total Depth: 3455.00 ft (KB) (TVD) Hole Diameter: 7.85 inches Hole Condition: Fair	Test Type: Conventional Bottom Hole Tester: Ray Schwager Unit No: 16 Reference Elevations: 2134.00 ft (KB) 2129.00 ft (CF) KB to GR/CF: 5.00 ft
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Serial #: 3024 Inside Press@RunDepth: 506.66 psig @ 3413.01 ft (KB) Start Date: 2002.06.10 End Date: 2002.06.10 Start Time: 05:47:04 End Time: 14:03:33	Capacity: 7000.00 psig Last Calib.: 2002.06.10 Time On Btmr: 2002.06.10 @ 07:53:03 Time Off Btmr: 2002.06.10 @ 11:24:33
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TEST COMMENT: FFP-strong blow in 3 min
 FFP-strong blow in 2 min
 times 30-60-60-60
 weak blow back on shut-in 4" blow



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1684.74	93.84	Initial Hydro-static
1	58.41	93.93	Open To Flow (1)
30	258.42	105.79	Shut-In(1)
90	953.28	109.10	End Shut-In(1)
90	269.89	109.11	Open To Flow (2)
150	506.66	109.89	Shut-In(2)
211	942.31	111.57	End Shut-In(2)
212	1623.46	111.57	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
60.00	MGO 10%gas 50%oil 40%mud	0.30
120.00	MGO 10%gas 80%oil 10%mud	0.86
1280.00	clean oil	17.96

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Trich Production Inc

Schoshetom Unit#1-32

PO Box 1408
Longview TX 75606

32-10s-19w Rooks Ks

Job Ticket: 16033

DST#: 1

ATTN: Ken Fletcher

Test Start: 2002.06.10 @ 05:47:04

Tool Information

Drill Pipe:	Length: 3269.00 ft	Diameter: 3.80 inches	Volume: 45.86 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: 150.00 ft	Diameter: 2.25 inches	Volume: 0.74 bbl	Weight to Pull Loose: 64000.00 lb
		Total Volume: 46.60 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3412.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.02 ft			
Tool Length:	66.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3390.00	
Shut In Tool	5.00			3395.00	
Hydraulic tool	5.00			3400.00	
Safety Joint	2.00			3402.00	
Packer	5.00			3407.00	23.00 Bottom Of Top Packer
Packer	5.00			3412.00	
Stubb	1.00			3413.00	
Recorder	0.01	3024	Inside	3413.01	
Perforations	39.00			3452.01	
Recorder	0.01	11085	Outside	3452.02	
Bullnose	3.00			3455.02	43.02 Bottom Packers & Anchor

Total Tool Length: 66.02


**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Trich Production Inc

Schoshetom Unit#1-32

PO Box 1408
Longview TX 75606

32-10s-19w Rooks Ks

Job Ticket: 16033

DST#: 1

ATTN: Ken Fletcher

Test Start: 2002.06.10 @ 05:47:04

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.74 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	MGO 10%gas 50%oil 40%mud	0.295
120.00	MGO 10%gas 80%oil 10%mud	0.863
1280.00	clean oil	17.955

Total Length: 1460.00 ft

Total Volume: 19.113 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

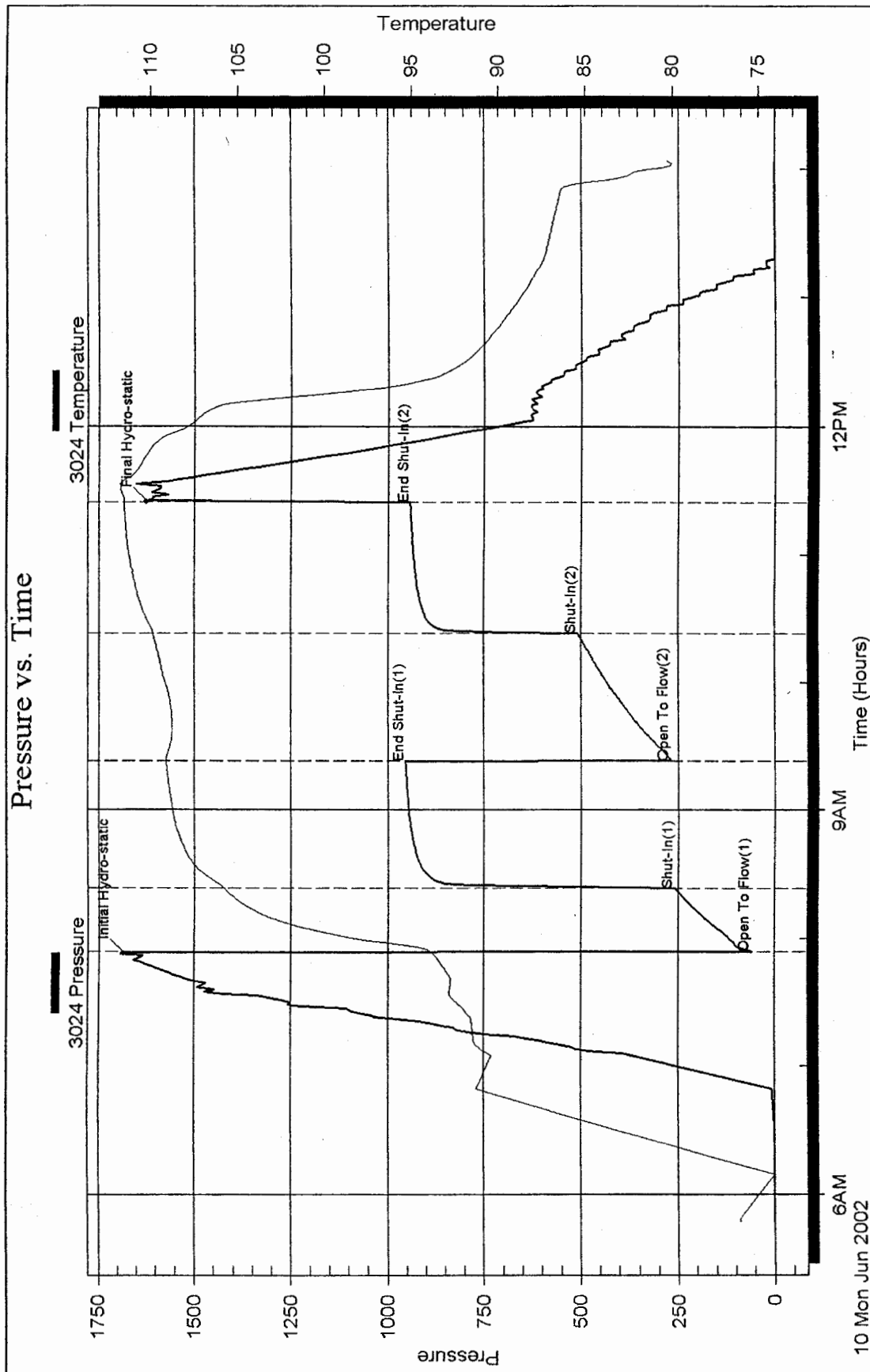
DST Test Number: 1

32-10s-19w Rooks Ks

Trich Production Inc

Serial #: 3024

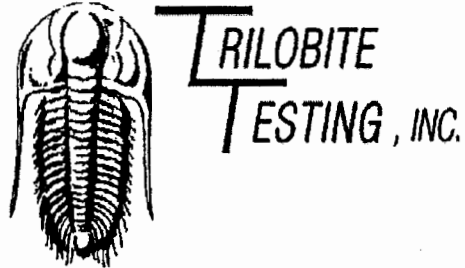
Pressure vs. Time



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Ref. No: 16033

Trilobite Testing, Inc



DRILL STEM TEST REPORT

Prepared For: **Trich Production Inc**

PO Box 1408
Longview TX 75606

ATTN: Ken Fletcher

32-10s-19w Rooks Ks

Schoshetom Unit#1-32

Start Date: 2002.06.10 @ 20:58:35

End Date: 2002.06.11 @ 03:15:04

Job Ticket #: 16034 DST #: 2

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


**TRILOBITE
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DRILL STEM TEST REPORT

Trich Production Inc

PO Box 1408
Longview TX 75606

ATTN: Ken Fletcher

Schoshetom Unit#1-32

32-10s-19w Rooks Ks

Job Ticket: 16034

DST#: 2

Test Start: 2002.06.10 @ 20:58:35

GENERAL INFORMATION:

Formation: LKC

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:48:34

Time Test Ended: 03:15:04

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 16

Interval: 3451.00 ft (KB) To 3497.00 ft (KB) (TVD)

Total Depth: 3497.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2134.00 ft (KB)

2129.00 ft (CF)

KB to GRV/CF: 5.00 ft

Serial #: 3024

Inside

Press@RunDepth: 41.70 psig @ 3452.01 ft (KB)

Start Date: 2002.06.10

End Date:

2002.06.11

Start Time: 20:58:35

End Time:

03:15:04

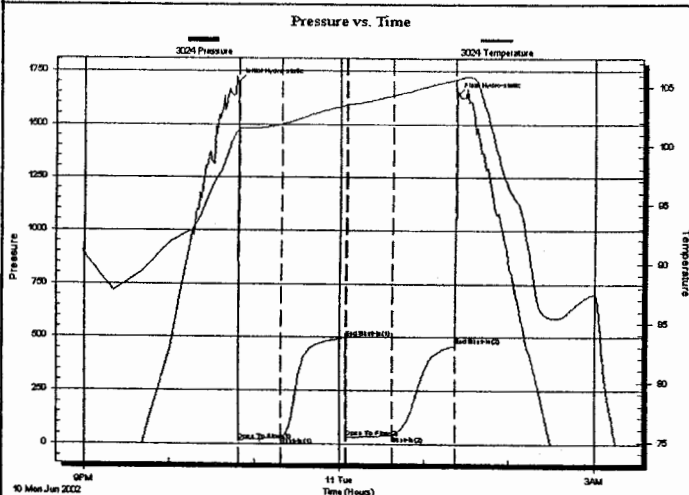
Capacity: 7000.00 psig

Last Calib.: 2002.06.11

Time On Btmr: 2002.06.10 @ 22:48:04

Time Off Btmr: 2002.06.11 @ 01:22:34

TEST COMMENT: IFP-weak blow thru-out 1/4"blow
 FFP-no blow
 times 30-45-30-45
 no blow on shut-in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1696.57	101.32	Initial Hydro-static
1	15.83	101.10	Open To Flow (1)
31	30.95	101.90	Shut-In(1)
76	497.28	103.51	End Shut-In(1)
77	33.77	103.53	Open To Flow (2)
110	41.70	104.31	Shut-In(2)
154	460.71	105.65	End Shut-In(2)
155	1634.33	105.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
55.00	HOCM 25%oil 75% mud	0.27

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Trich Production Inc

PO Box 1408
Longview TX 75606

ATTN: Ken Fletcher

Schoshetom Unit#1-32

32-10s-19w Rooks Ks

Job Ticket: 16034

DST#: 2

Test Start: 2002.06.10 @ 20:58:35

Tool Information

Drill Pipe:	Length: 3299.00 ft	Diameter: 3.80 inches	Volume: 46.28 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: 150.00 ft	Diameter: 2.25 inches	Volume: 0.74 bbl	Weight to Pull Loose:	60000.00 lb
			Total Volume: 47.02 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial	53000.00 lb
Depth to Top Packer:	3451.00 ft			Final	53000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	46.02 ft				
Tool Length:	69.02 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3429.00	
Shut In Tool	5.00			3434.00	
Hydraulic tool	5.00			3439.00	
Safety Joint	2.00			3441.00	
Packer	5.00			3446.00	23.00 Bottom Of Top Packer
Packer	5.00			3451.00	
Stubb	1.00			3452.00	
Recorder	0.01	3024	Inside	3452.01	
Perforations	42.00			3494.01	
Recorder	0.01	11085	Outside	3494.02	
Bullnose	3.00			3497.02	46.02 Bottom Packers & Anchor

Total Tool Length: 69.02


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DRILL STEM TEST REPORT

FLUID SUMMARY

Trich Production Inc

Schoshetom Unit#1-32

PO Box 1408
Longview TX 75606

32-10s-19w Rooks Ks

Job Ticket: 16034

DST#: 2

ATTN: Ken Fletcher

Test Start: 2002.06.10 @ 20:58:35

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
55.00	HOCM 25%oil 75%mud	0.270

Total Length: 55.00 ft Total Volume: 0.270 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 3024

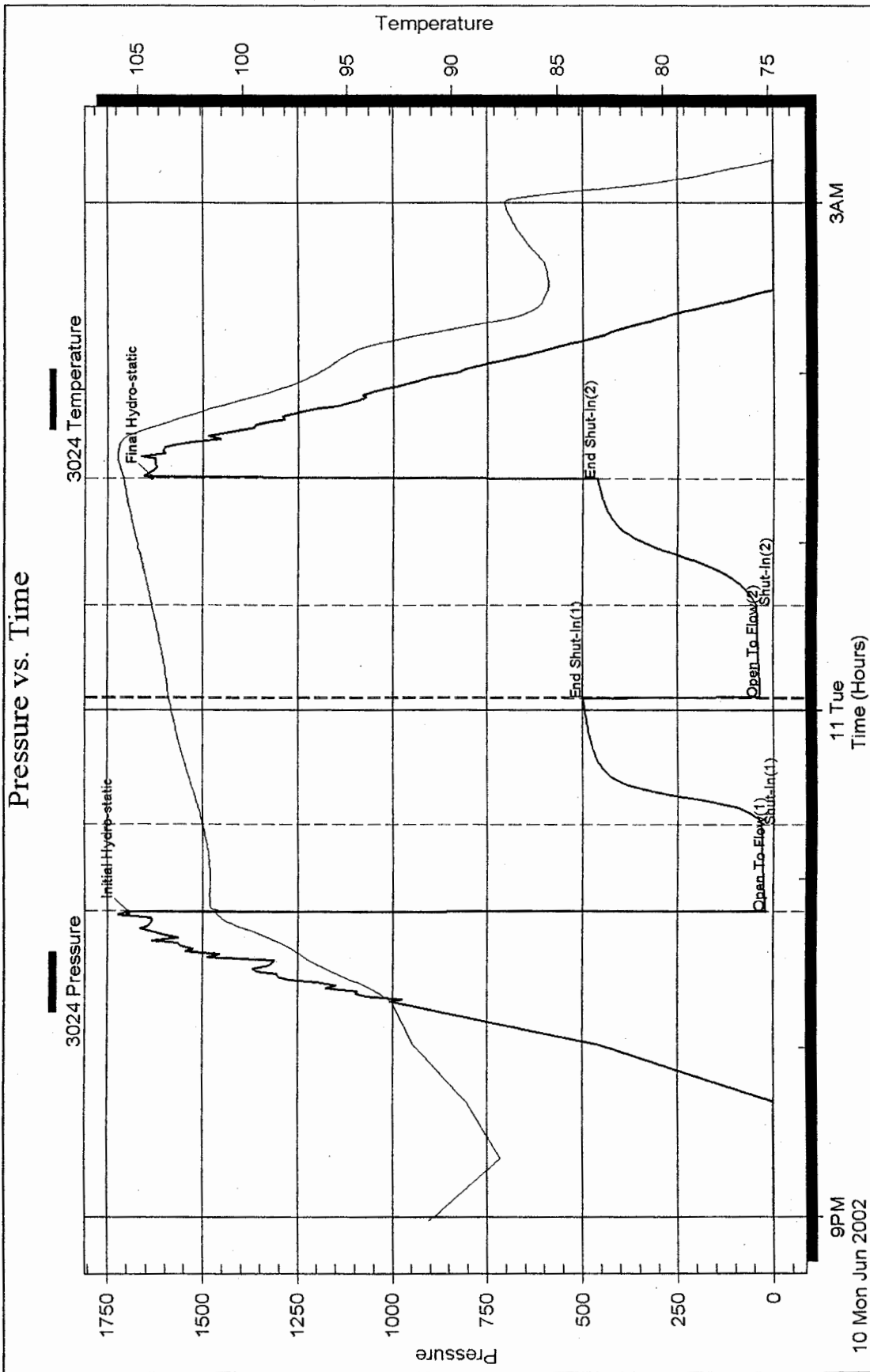
Inside

Trich Production Inc

32-10s-19w Rocks Ks

DST Test Number: 2

Pressure vs. Time



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Trilobite Testing, Inc

Ref. No: 16034

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Trich Production Inc**

PO Box 1408
Longview TX 75606

ATTN: Ken Fletcher

32-10s-19w Rooks Ks

Schoshetom Unit#1-32

Start Date: 2002.06.11 @ 17:09:33

End Date: 2002.06.12 @ 01:06:32

Job Ticket #: 16035 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Trich Production Inc

PO Box 1408
Longview TX 75606

ATTN: Ken Fletcher

Schoshetom Unit#1-32

32-10s-19w Rooks Ks

Job Ticket: 16035

DST#: 3

Test Start: 2002.06.11 @ 17:09:33

GENERAL INFORMATION:

Formation: LKC I-L

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:49:02

Time Test Ended: 01:06:32

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 16

Interval: 3531.00 ft (KB) To 3622.00 ft (KB) (TVD)

Total Depth: 3622.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2134.00 ft (KB)

2129.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 3024

Inside

Press@RunDepth: 352.31 psig @ 3536.01 ft (KB)

Start Date: 2002.06.11

End Date:

2002.06.12

Start Time: 17:09:33

End Time:

01:06:32

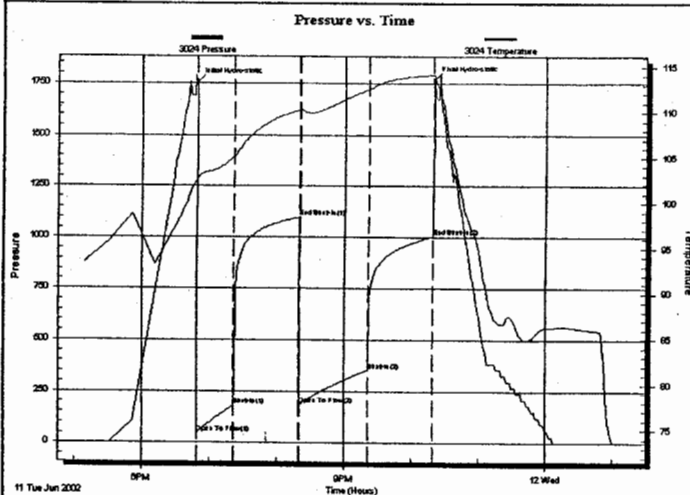
Capacity: 7000.00 psig

Last Calib.: 2002.06.12

Time On Btmr: 2002.06.11 @ 18:48:32

Time Off Btmr: 2002.06.11 @ 22:20:02

TEST COMMENT: IFP-strong blow in 3 min
FFP-weak to strong in 8 min
times 30-60-60-60
weak blow back on shut-in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1755.09	102.57	Initial Hydro-static
1	41.64	102.71	Open To Flow (1)
33	177.23	105.16	Shut-In(1)
92	1098.16	110.30	End Shut-In(1)
92	183.66	110.32	Open To Flow (2)
153	352.31	112.51	Shut-In(2)
211	1006.42	114.15	End Shut-In(2)
212	1770.03	114.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MGO 5%gas 75%oil 20%mud	0.30
60.00	MGO 5%gas 50%oil 45%mud	0.30
960.00	Clean Oil	13.19
270.00	GIP	3.79

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Trich Production Inc

PO Box 1408
Longview TX 75606

ATTN: Ken Fletcher

Schoshetom Unit#1-32

32-10s-19w Rooks Ks

Job Ticket: 16035

DST#: 3

Test Start: 2002.06.11 @ 17:09:33

Tool Information

Drill Pipe:	Length: 3380.00 ft	Diameter: 3.80 inches	Volume: 47.41 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: 150.00 ft	Diameter: 2.25 inches	Volume: 0.74 bbl	Weight to Pull Loose:	75000.00 lb
			Total Volume: 48.15 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3531.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	91.02 ft				
Tool Length:	114.02 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3509.00		
Shut In Tool	5.00			3514.00		
Hydraulic tool	5.00			3519.00		
Safety Joint	2.00			3521.00		
Packer	5.00			3526.00	23.00	Bottom Of Top Packer
Packer	5.00			3531.00		
Stubb	1.00			3532.00		
Perforations	4.00			3536.00		
Recorder	0.01	3024	Inside	3536.01		
Change Over Sub	1.00			3537.01		
Blank Spacing	61.00			3598.01		
Change Over Sub	1.00			3599.01		
Perforations	20.00			3619.01		
Recorder	0.01	11085	Outside	3619.02		
Bullnose	3.00			3622.02	91.02	Bottom Packers & Anchor

Total Tool Length: 114.02


**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Trich Production Inc

Schoshetom Unit#1-32

PO Box 1408
Longview TX 75606

32-10s-19w Rooks Ks

Job Ticket: 16035

DST#: 3

ATTN: Ken Fletcher

Test Start: 2002.06.11 @ 17:09:33

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5300.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	MGO 5%gas 75%oil 20%mud	0.295
60.00	MGO 5%gas 50%oil 45%mud	0.295
960.00	Clean Oil	13.193
270.00	GIP	3.787

Total Length: 1350.00 ft

Total Volume: 17.570 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 3024

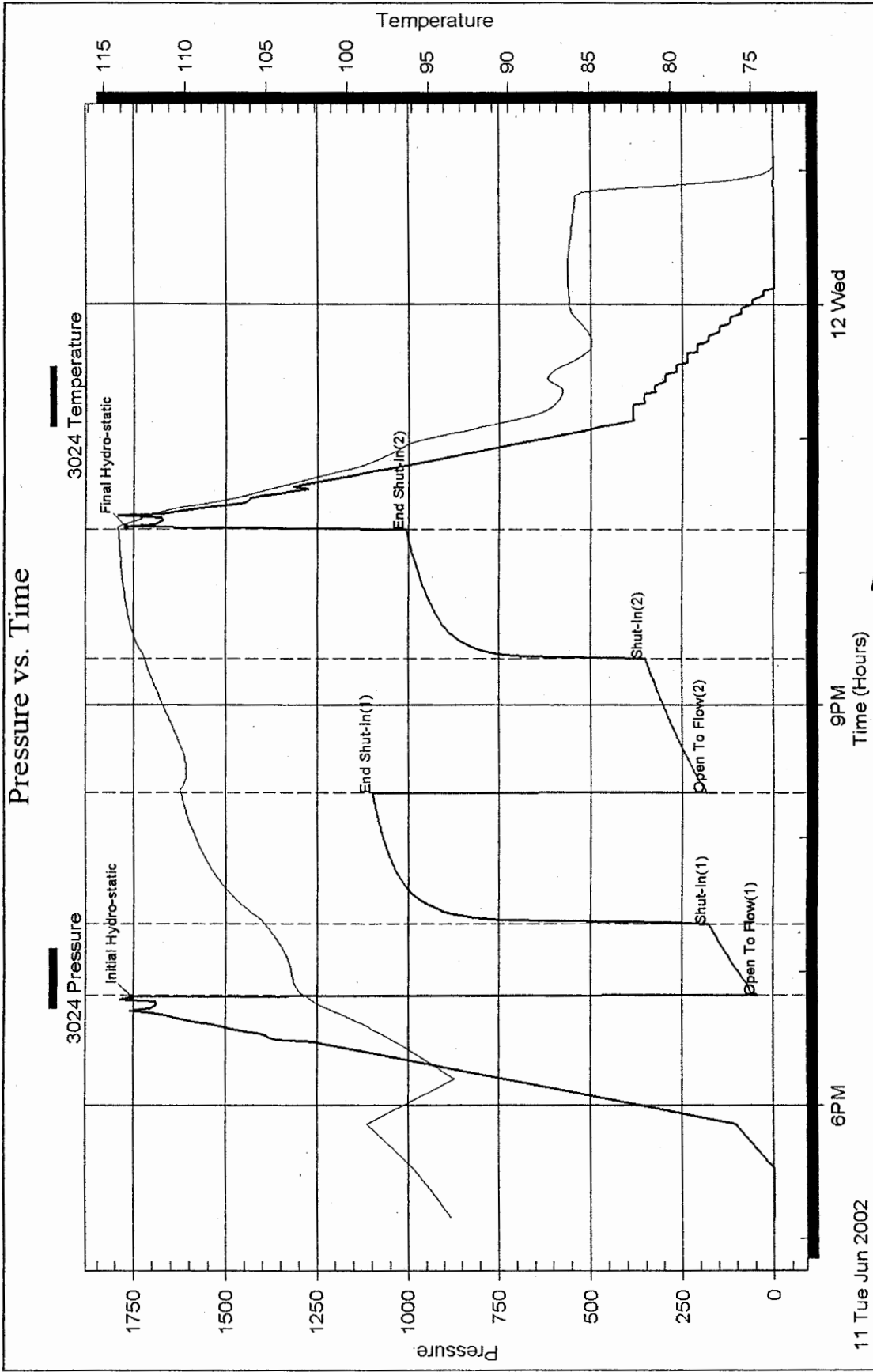
Inside

Trich Production Inc

32-10s-19w Rooks Ks

DST Test Number: 3

Pressure vs. Time

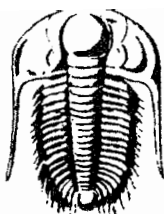


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Trilobite Testing, Inc

Ref. No: 16035

Printed: 2002.06.13 @ 09:19:00 Page 5



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 16033

Test Ticket

Well Name & No. Schosheton Unit #1-32 Test No. 1 Date 6-10-02
 Company Trich Production Inc Zone Tested LKC
 Address P.O. Box 1408 Langview, Texas 75606 Elevation 2134 KB2129 GL
 Co. Rep / Geo. Terry McLeod Cont. MURFIN 16 Est. Ft. of Pay - Por. - %
 Location: Sec. 32 Twp. 10 Rge. 19 Co. Rooks State K
 No. of Copies Reg Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3412-3455 Initial Str Wt./Lbs. 52000 Unseated Str Wt./Lbs. 58000
 Anchor Length 43 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 64000
 Top Packer Depth 3407 Tool Weight 2200
 Bottom Packer Depth 3412 Hole Size — 7 7/8" yes Rubber Size — 6 3/4" yes
 Total Depth 3455 Wt. Pipe Run - Drill Collar Run 150
 Mud Wt. 9.3 LCM Te Vis. 50 WL 8.8 Drill Pipe Size 4 1/2 XH Ft. Run 3269
 Blow Description IFP - STRONG Blow in 3 min
FFP - STRONG Blow in 2 min
WEAK Blow on shut-in, 1/2" Blow

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Recovery — Total Feet 1460 GIP 840 Ft. in DC 150 Ft. in DP 1310
 Rec. 60 Feet Of MGO 10 %gas 50%oil %water 40 %mud
 Rec. 120 Feet Of MGO 10 %gas 80 %oil %water 10 %mud
 Rec. 1280 Feet Of CLEAN OIL %gas %oil %water %mud
 Rec. _____ Feet Of _____ %gas %oil %water %mud
 Rec. _____ Feet Of _____ %gas %oil %water %mud
 BHT _____ °F Gravity 33 °API D@ 60 °F Corrected Gravity 33 °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 1500 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	1633	PSI	Recorder No. <u>3024</u>	T-On Location <u>0415</u>
(B) First Initial Flow Pressure			<u>58</u>	PSI	(depth) <u>3413</u>	T-Started <u>0547</u>
(C) First Final Flow Pressure			<u>258</u>	PSI	Recorder No. <u>11085</u>	T-Open <u>0755</u>
(D) Initial Shut-In Pressure			<u>953</u>	PSI	(depth) <u>3452</u>	T-Pulled <u>1125</u>
(E) Second Initial Flow Pressure			<u>269</u>	PSI	Recorder No. <u>-</u>	T-Out <u>1400</u>
(F) Second Final Flow Pressure			<u>506</u>	PSI	(depth) <u>-</u>	T-Off Location <u>1430</u>
(G) Final Shut-in Pressure			<u>942</u>	PSI	Initial Opening <u>30</u>	Test ☒
(Q) Final Hydrostatic Mud			<u>1608</u>	PSI	Initial Shut-in <u>60</u>	Jars _____

Final Flow 60 Safety Joint ☒
 Final Shut-in 60 Straddle _____
 Circ. Sub _____
 Sampler _____

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGE 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.

Approved By Ing A. McLeod
 Our Representative RAY Schwager Thank you

Extra Packer _____
 Elec. Rec. ☒
 Mileage 28
 Other _____
 TOTAL PRICE \$ ☒

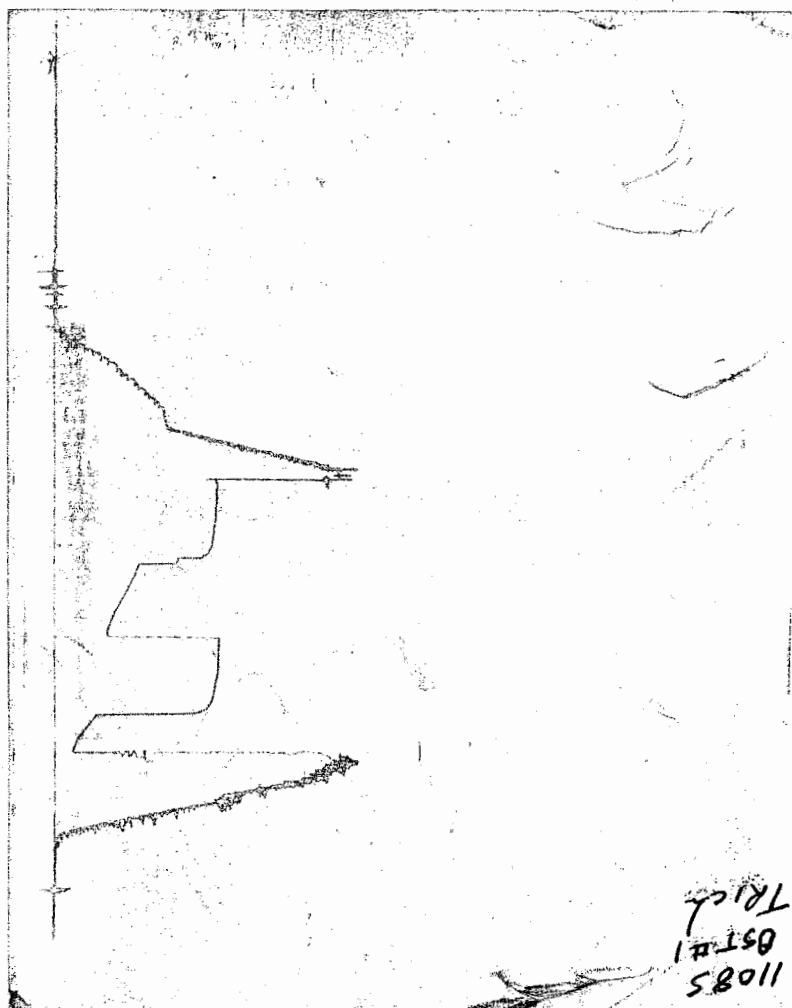
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CHART PAGE

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



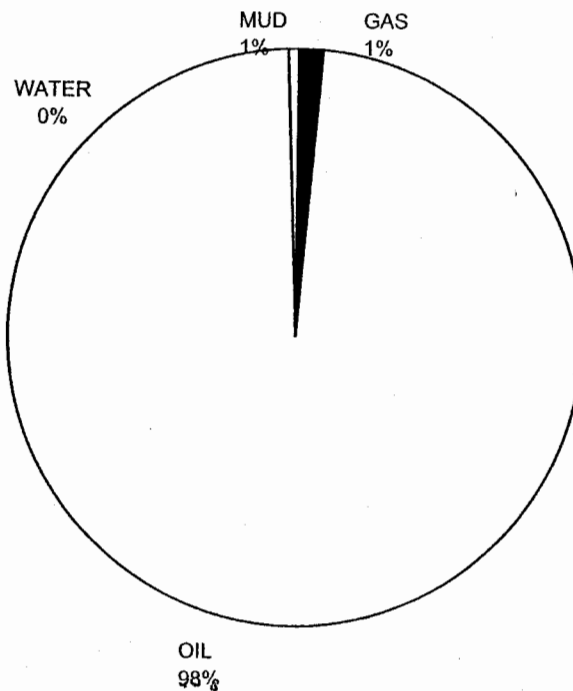
CALCULATED RECOVERY ANALYSIS

DST 1

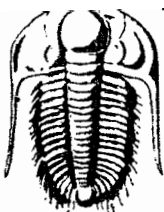
TICKET 16033

SAMPLE #		TOTAL		GAS		OIL		WATER		MUD	
		FEET	%	FEET	%	FEET	%	FEET	%	FEET	%
DRILL PIPE	1	30	10	3	50	15	0	0	40	12	
	2	1280	0	0	100	1280	0	0	0	0	
	3	0	0	0	0	0	0	0	0	0	
	4	0	0	0	0	0	0	0	0	0	
	5	0	0	0	0	0	0	0	0	0	
	6	0	0	0	0	0	0	0	0	0	
WEIGHT PIPE	1										
	2	0	0	0	0	0	0	0	0	0	
	3	0	0	0	0	0	0	0	0	0	
	4	0	0	0	0	0	0	0	0	0	
	5	0	0	0	0	0	0	0	0	0	
DRILL COLLARS	1	30	10	3	50	15	0	0	40	12	
	2	120	10	12	80	96	0	0	10	12	
	3	0	0	0	0	0	0	0	0	0	
	4	0	0	0	0	0	0	0	0	0	
	5	0	0	0	0	0	0	0	0	0	
TOTAL		1460	0	18	0	1406	0	0	0	36	

BBL OIL = 18.95769 * HRS OPEN 1 = BBL/DAY 454.9846
 BBL WATER = 0 * = 0
 BBL MUD = 0.288
 BBL GAS = 0.11601



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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 16034

Test Ticket

Well Name & No.	<u>Schosheton Unit #1-32</u>		Test No.	<u>2</u>	Date	<u>6-10-02</u>	
Company	<u>Trish Production, Inc</u>		Zone Tested	<u>LKC</u>			
Address	<u>P.O. Box 1408 Longview, Texas 75606</u>		Elevation	<u>2134</u>	KB	<u>2129</u>	GL
Co. Rep / Geo.	<u>Jerry McLeod</u>	Cont.	<u>Murfin 16</u>	Est. Ft. of Pay	<u>—</u>	Por.	<u>—</u> %
Location: Sec.	<u>32</u>	Twp.	<u>10^s</u>	Rge.	<u>19^w</u>	Co.	<u>Rooks</u> State <u>K</u>
No. of Copies	<u>Reg</u>	Distribution Sheet (Y, N)	<u>—</u>	Turnkey (Y, N)	<u>—</u>	Evaluation (Y, N)	<u>—</u>

Interval Tested	<u>3451-3497</u>	Initial Str Wt./Lbs.	<u>53000</u>	Unseated Str Wt./Lbs.	<u>53000</u>
Anchor Length	<u>46</u>	Wt. Set Lbs.	<u>25000</u>	Wt. Pulled Loose/Lbs.	<u>60000</u>
Top Packer Depth	<u>3446</u>	Tool Weight	<u>2200</u>		
Bottom Packer Depth	<u>3451</u>	Hole Size — 7 7/8"	<u>4⁰⁵</u>	Rubber Size — 6 3/4"	<u>4⁰⁵</u>
Total Depth	<u>3497</u>	Wt. Pipe Run	<u>—</u>	Drill Collar Run	<u>150</u>
Mud Wt. <u>9.1</u> LCM <u>TR</u> Vis. <u>50</u> WL <u>B.8</u>		Drill Pipe Size	<u>4 1/2 x H</u>	Ft. Run	<u>3299</u>
Blow Description	<u>IFP - WEAK BLOW THROUGHOUT 1/4" BLOW</u>				
	<u>FFP - NO BLOW</u>				
	<u>NO BLOW ON SHUT-IN</u>				

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Recovery — Total Feet	<u>55</u>	GIP	<u>—</u>	Ft. in DC	<u>55</u>	Ft. in DP	<u>—</u>
Rec.	<u>55</u>	Feet Of	<u>HOCM</u>	%gas	<u>25</u>	%oil	<u>—</u>
Rec.		Feet Of		%gas		%oil	
Rec.		Feet Of		%gas		%oil	
Rec.		Feet Of		%gas		%oil	
Rec.		Feet Of		%gas		%oil	
BHT	<u>105</u>	°F Gravity	<u>—</u>	°API D@	<u>—</u>	°F Corrected Gravity	<u>—</u>
RW	<u>—</u>	@	<u>—</u>	°F Chlorides	<u>—</u>	ppm Recovery	<u>2800</u>

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>1646</u>	PSI	Recorder No.	<u>3024</u>	T-On Location
(B) First Initial Flow Pressure	<u>15</u>	PSI	(depth)	<u>3452</u>	T-Started
(C) First Final Flow Pressure	<u>30</u>	PSI	Recorder No.	<u>11085</u>	T-Open
(D) Initial Shut-In Pressure	<u>497</u>	PSI	(depth)	<u>3494</u>	T-Pulled
(E) Second Initial Flow Pressure	<u>33</u>	PSI	Recorder No.	<u>—</u>	T-Out
(F) Second Final Flow Pressure	<u>41</u>	PSI	(depth)	<u>—</u>	T-Off Location
(G) Final Shut-in Pressure	<u>460</u>	PSI	Initial Opening	<u>30</u>	Test
(Q) Final Hydrostatic Mud	<u>1641</u>	PSI	Initial Shut-in	<u>45</u>	Jars

Final Flow	<u>30</u>	Safety Joint	<u>✓</u>
Final Shut-in	<u>45</u>	Straddle	<u>—</u>

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Approved By

Jerry McLeod

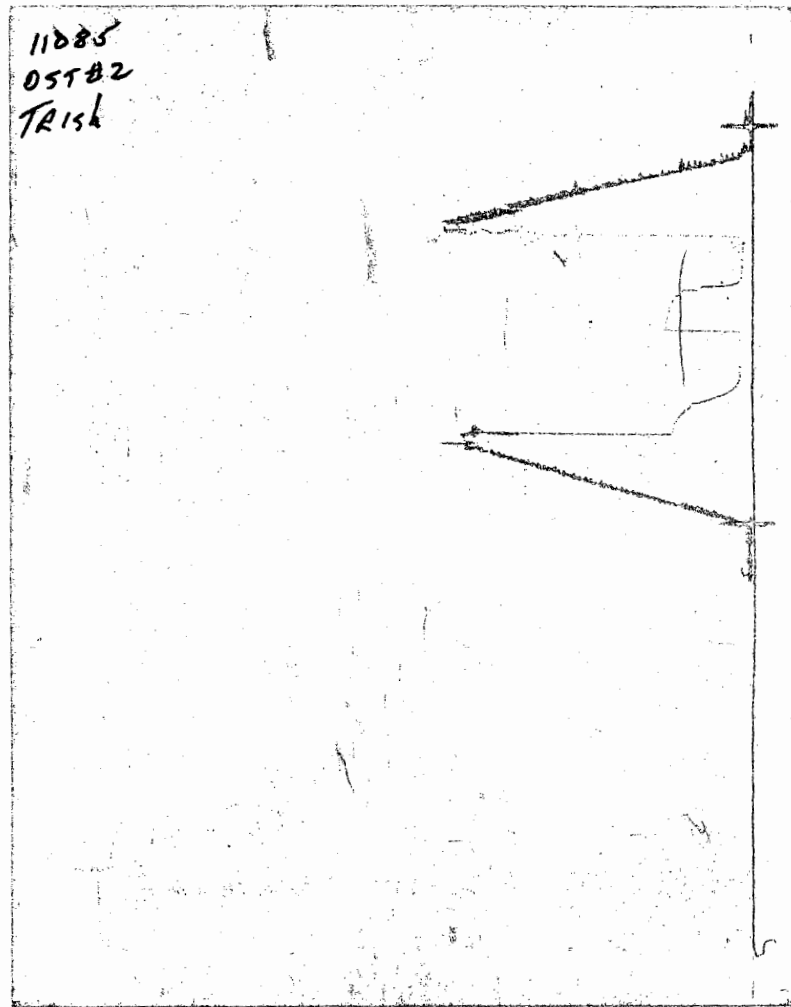
Our Representative

RAY SCHWAGER Thank you

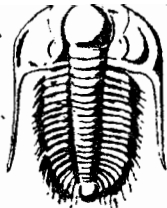
Elec. Rec.	<u>✓</u>
Mileage	<u>28</u>
Other	<u>—</u>
TOTAL PRICE \$	<u>✓</u>

CHART PAGE

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



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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 16035

Test Ticket

Well Name & No.	Schoshetom Unit #1-32	Test No.	3	Date	6-11-02
Company	Trish Production, Inc	Zone Tested	LRC I-L		
Address	P.O. Box 1408 Langview, Texas 75606	Elevation	2134	KB	2129 GL
Co. Rep / Geo.	Terry McLeod	Cont.	Murfin 16	Est. Ft. of Pay	- Por. - %
Location: Sec.	32	Twp.	10 ^s	Rge.	19 ^w
		Co.	Rooks	State	Ko
No. of Copies	Reg	Distribution Sheet (Y, N)		Turnkey (Y, N)	
		Evaluation (Y, N)			

Interval Tested	3531-3622	Initial Str Wt./Lbs.	50000	Unseated Str Wt./Lbs.	54000
Anchor Length	91	Wt. Set Lbs.	25000	Wt. Pulled Loose/Lbs.	75000
Top Packer Depth	3526	Tool Weight	2200		
Bottom Packer Depth	3531	Hole Size — 7 7/8"	44	Rubber Size — 6 3/4"	40
Total Depth	3622	Wt. Pipe Run	-	Drill Collar Run	150
Mud Wt.	9.1 LCM - Vis. 49 WL 9.6	Drill Pipe Size	4 1/2 X H	Ft. Run	3380
Blow Description	IFP - STRONG BLOW IN 3 MIN FFP - WEAK TO A STRONG BLOW IN 8 MIN WEAK BLOW ON SHUT-IN				

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Recovery — Total Feet	1080	GIP	270	Ft. in DC	150	Ft. in DP	930
Rec.	60	Feet Of	MGO	5 %gas	75 %oil	%water	20 %mud
Rec.	60	Feet Of	MGO	5 %gas	50 %oil	%water	45 %mud
Rec.	960	Feet Of	CLEAN OIL	%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
BHT	114	°F Gravity	32	°API D@	60	°F Corrected Gravity	32
RW	-	@	-	°F Chlorides	-	ppm Recovery	Chlorides 5300 ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud	1698	PSI	Recorder No.	3024	T-On Location	1630
(B) First Initial Flow Pressure	41	PSI	(depth)	3536	T-Started	1709
(C) First Final Flow Pressure	177	PSI	Recorder No.	11085	T-Open	1850
(D) Initial Shut-In Pressure	1098	PSI	(depth)	3619	T-Pulled	2220
(E) Second Initial Flow Pressure	183	PSI	Recorder No.	-	T-Out	0105
(F) Second Final Flow Pressure	352	PSI	(depth)	-	T-Off Location	0130
(G) Final Shut-in Pressure	1006	PSI	Initial Opening	30	Test	✓
(Q) Final Hydrostatic Mud	1669	PSI	Initial Shut-in	60	Jars	
			Final Flow	60	Safety Joint	✓
			Final Shut-in	60	Straddle	

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Approved By Terry L. McLeod
Our Representative Ray Schurager Thankyou

Extra Packer _____
Elec. Rec ✓ _____
Mileage ✓ 28 _____
Other _____
TOTAL PRICE \$ _____

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CHART PAGE

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

