

DRILL STEM TEST REPORT

Prepared For: **Downing-Nelson Oil Co. INC**

P.O.Box 372
Hays Ks 67601

ATTN: Ron Nelson

16-13s-21w

Keller-Keller 1-16

Start Date: 2004.05.18 @ 14:40:00

End Date: 2004.05.18 @ 20:23:15

Job Ticket #: 19543 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Downing-Nelson Oil Co. INC

Keller-Keller 1-16

16-13s-21w

DST # 1

Lansing K C E zone

2004.05.18



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Dow ning-Nelson Oil Co. INC

Keller-Keller 1-16

P.O.Box 372
Hays Ks 67601

16-13s-21w

Job Ticket: 19543

DST#: 1

ATTN: Ron Nelson

Test Start: 2004.05.18 @ 14:40:00

GENERAL INFORMATION:

Formation: **Lansing KC Ezone**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:06:50

Time Test Ended: 20:23:15

Test Type: Conventional Bottom Hole

Tester: Leroy Black

Unit No: 15

Interval: **3594.00 ft (KB) To 3609.00 ft (KB) (TVD)**

Reference Elevations: 2195.00 ft (KB)

Total Depth: 3609.00 ft (KB) (TVD)

2187.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6724

Inside

Press@RunDepth: 72.91 psig @ 3594.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2004.05.18

End Date: 2004.05.18

Last Calib.: 1899.12.30

Start Time: 14:40:01

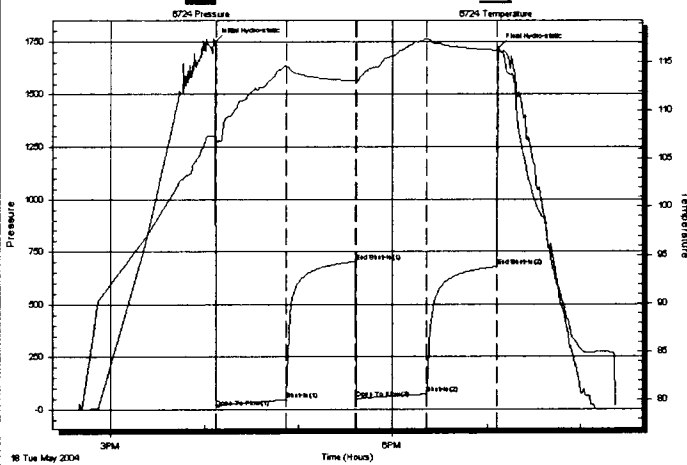
End Time: 20:23:15

Time On Btm: 2004.05.18 @ 16:06:10

Time Off Btm: 2004.05.18 @ 19:07:15

TEST COMMENT: IF:Weak blow built to 6 inches in 41mins.
IS:Bled off 2 mins no return.
FF:Weak blow built to 4 inches in 43 mins.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1750.35	107.29	Initial Hydro-static
1	11.16	106.13	Open To Flow (1)
46	46.99	114.56	Shut-In(1)
90	702.71	113.09	End Shut-In(1)
91	50.31	112.92	Open To Flow (2)
136	72.91	117.36	Shut-In(2)
181	678.23	116.20	End Shut-In(2)
182	1719.12	116.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	Water cut mud	1.47

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Downing-Nelson Oil Co. INC

Keller-Keller 1-16

P.O.Box 372
Hays Ks 67601

16-13s-21w

Job Ticket: 19543

DST#: 1

ATTN: Ron Nelson

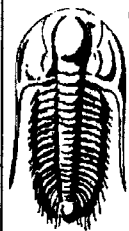
Test Start: 2004.05.18 @ 14:40:00

Tool Information

Drill Pipe:	Length: 3570.00 ft	Diameter: 3.80 inches	Volume: 50.08 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: 28000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 48000.00 lb
			<u>Total Volume: 50.23 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3594.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	35.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			3575.00	
Shut In Tool	5.00			3580.00	
Hydraulic tool	5.00			3585.00	
Packer	5.00		Fluid	3590.00	20.00 Bottom Of Top Packer
Packer	4.00			3594.00	
Recorder	0.00	6724	Inside	3594.00	
Perforations	11.00			3605.00	
Recorder	0.00	13849	Outside	3605.00	
Bullnose	4.00			3609.00	15.00 Bottom Packers & Anchor
Total Tool Length:	35.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Dow ning-Nelson Oil Co. INC

Keller-Keller 1-16

P.O.Box 372
Hays Ks 67601

16-13s-21w

Job Ticket: 19543

DST#: 1

ATTN: Ron Nelson

Test Start: 2004.05.18 @ 14:40:00

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:	85000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.97 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	Water cut mud	1.471

Total Length: 125.00 ft Total Volume: 1.471 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW .098 @ 66.5deg

Serial #: 6724

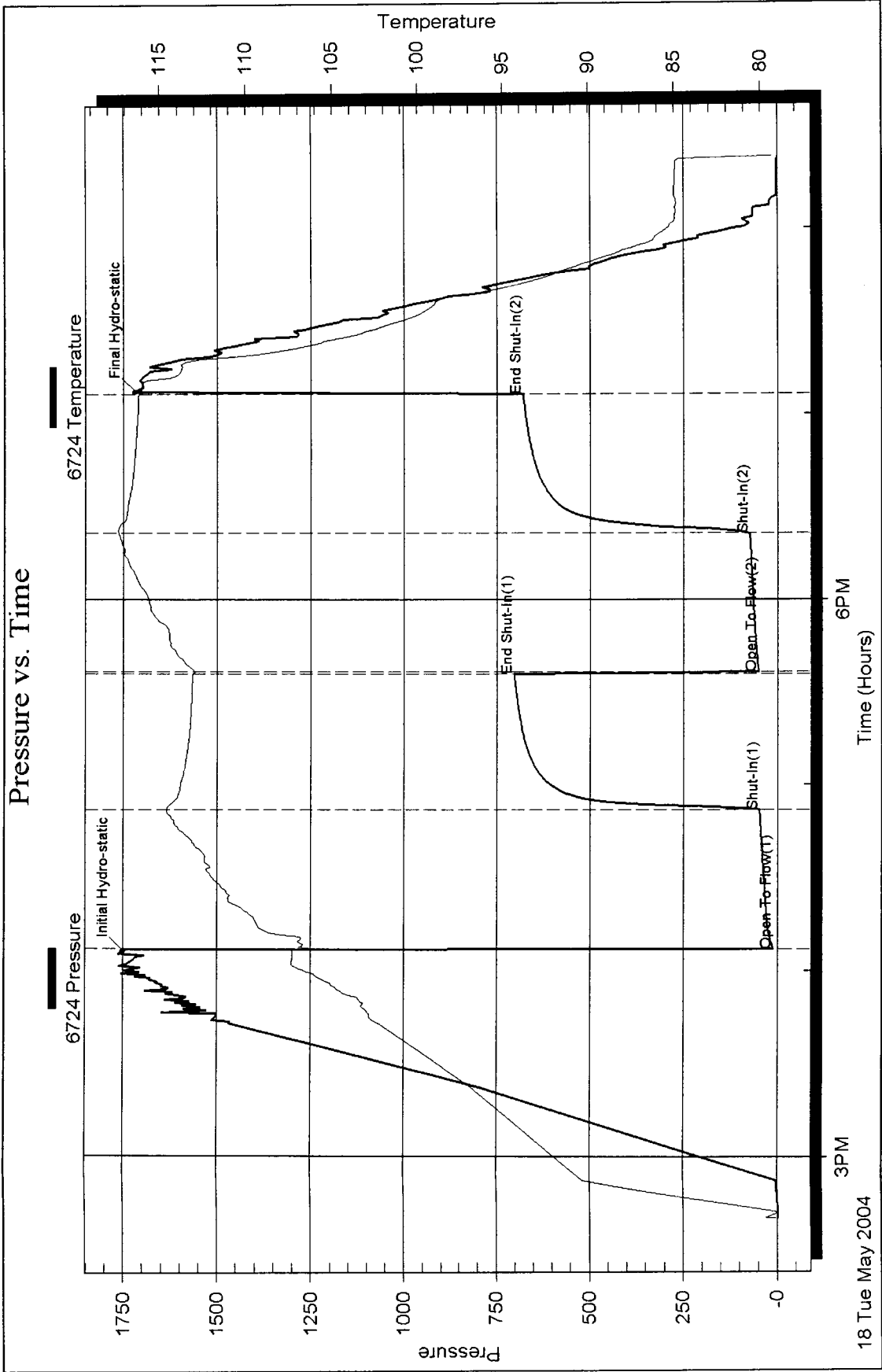
Inside

Downing-Nelson Oil Co. INC

16-13s-21w

DST Test Number: 1

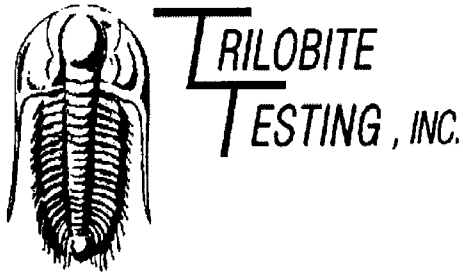
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 19543

Printed: 2004.05.25 @ 13:36:33 Page 5



DRILL STEM TEST REPORT

Prepared For: **Downing-Nelson Oil Co. INC**

P.O.Box 372
Hays Ks 67601

ATTN: Ron Nelson

16-13s-21w

Keller-Keller 1-16

Start Date: 2004.05.20 @ 00:07:24

End Date: 2004.05.20 @ 06:56:24

Job Ticket #: 19544 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

Dow ning-Nelson Oil Co. INC

Keller-Keller 1-16

P.O.Box 372
Hays Ks 67601

16-13s-21w

Job Ticket: 19544

DST#: 2

ATTN: Ron Nelson

Test Start: 2004.05.20 @ 00:07:24

GENERAL INFORMATION:

Formation: **Cherokee sand-Marman**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:39:04

Time Test Ended: 06:56:24

Test Type: Conventional Bottom Hole

Tester: Leroy

Unit No: 15

Interval: **3855.00 ft (KB) To 3919.00 ft (KB) (TVD)**

Total Depth: 3919.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2195.00 ft (KB)

2187.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6724

Inside

Press@RunDepth: 123.19 psig @ 3856.00 ft (KB)

Start Date: 2004.05.20

End Date:

2004.05.20

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Start Time: 00:07:25

End Time:

06:56:24

Time On Btm: 2004.05.20 @ 01:38:24

Time Off Btm:

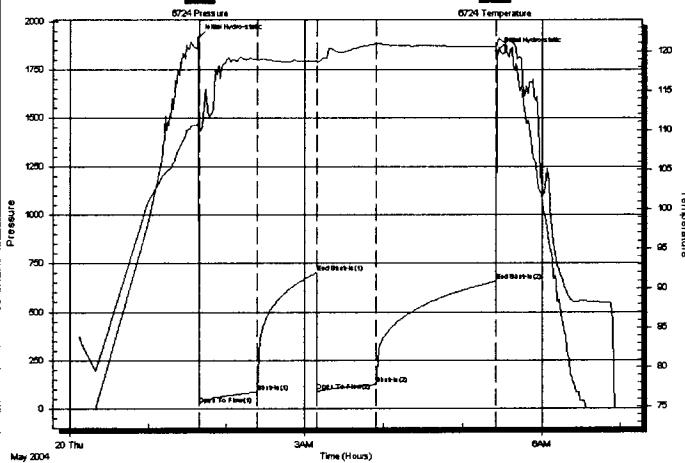
TEST COMMENT: IF:Weak blow built to bottom bucket in 35mins.

IS:Bled off 2mins no return.

FF:Weak blow built to 4.5inchs in 43mins.

FS:Bled off no return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1914.98	110.86	Initial Hydro-static
1	22.57	110.43	Open To Flow (1)
46	86.99	118.88	Shut-in(1)
91	702.46	118.76	End Shut-in(1)
91	89.95	118.52	Open To Flow (2)
136	123.19	120.90	Shut-in(2)
227	657.08	120.62	End Shut-in(2)
227	1845.24	120.97	Initial Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
170.00	SL Oil spotted mud	2.10
60.00	Water cut mud	0.84

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dow ning-Nelson Oil Co. INC

Keller-Keller 1-16

P.O.Box 372
Hays Ks 67601

16-13s-21w

Job Ticket: 19544

DST#: 2

ATTN: Ron Nelson

Test Start: 2004.05.20 @ 00:07:24

Tool Information

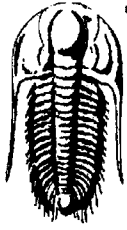
Drill Pipe:	Length: 3818.00 ft	Diameter: 3.80 inches	Volume: 53.56 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 28000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 47000.00 lb
			<u>Total Volume: 53.71 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3855.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	84.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Stubb	1.00			3836.00	
Shut In Tool	5.00			3841.00	
Hydraulic tool	5.00			3846.00	
Packer	4.00			3850.00	20.00 Bottom Of Top Packer
Packer	5.00		Fluid	3855.00	
Stubb	1.00			3856.00	
Recorder	0.00	6724	Inside	3856.00	
Blank Spacing	33.00			3889.00	
Perforations	26.00			3915.00	
Recorder	0.00	13849	Outside	3915.00	
Bullnose	4.00			3919.00	64.00 Bottom Packers & Anchor

Total Tool Length: 84.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing-Nelson Oil Co. INC

Keller-Keller 1-16

P.O.Box 372
Hays Ks 67601

16-13s-21w

Job Ticket: 19544

DST#: 2

ATTN: Ron Nelson

Test Start: 2004.05.20 @ 00:07:24

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:	8500 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
170.00	SL Oil spotted mud	2.102
60.00	Water cut mud	0.842

Total Length: 230.00 ft Total Volume: 2.944 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .80 @ 66.5deg

Serial #: 6724

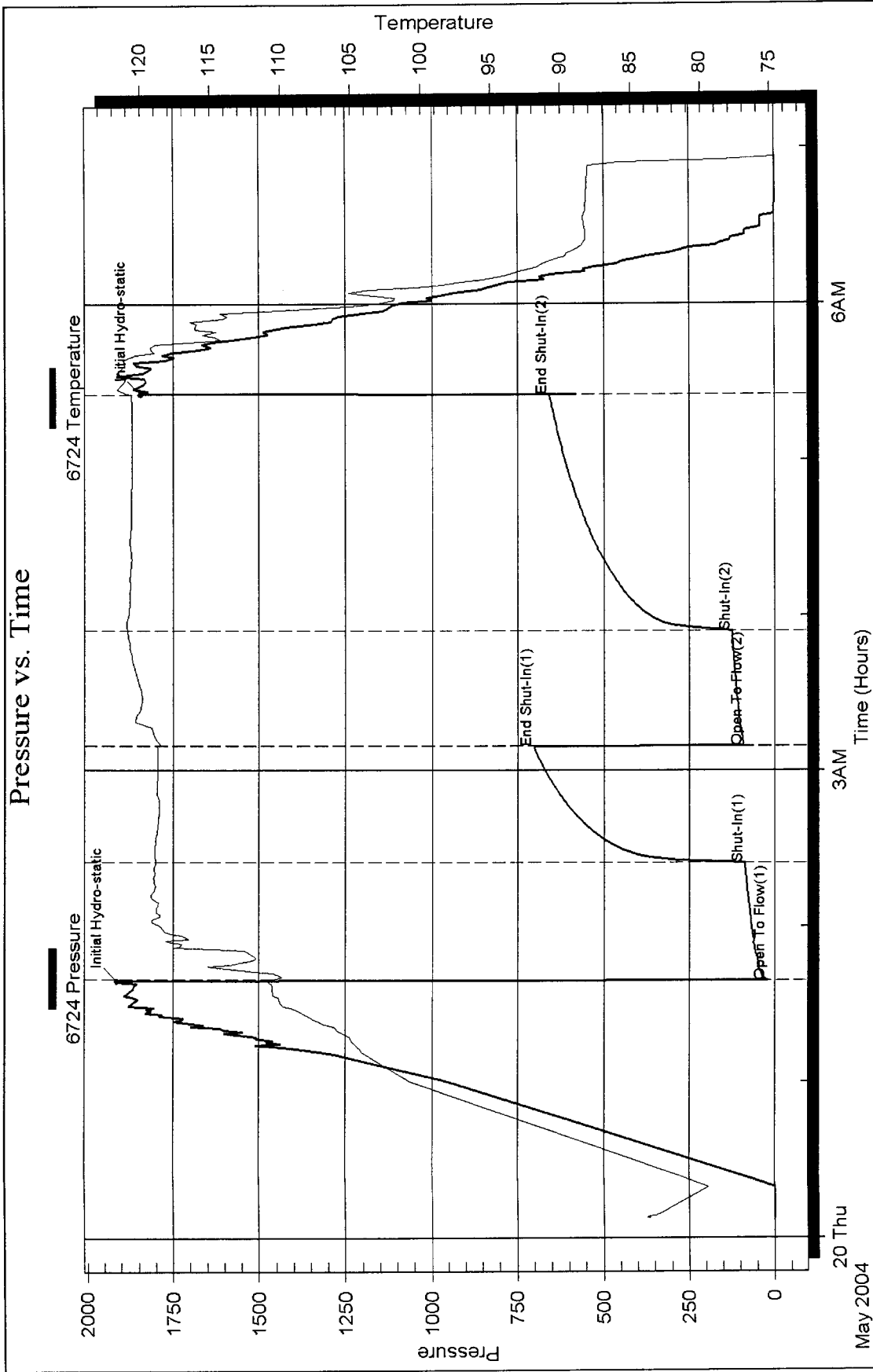
Inside

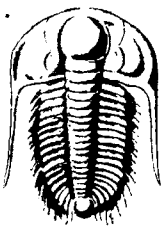
Dowling-Nelson Oil Co. INC

16-13s-21w

DST Test Number: 2

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

INV 6424

No. 19543

05/03

Test Ticket

Well Name & No. Keller - Keller 1-16 Test No. 1 Date 5-18-04
 Company Downing - Nelson Oil Co. Inc. Zone Tested Lansing KC E Zone
 Address P.O. Box 372 Hays KS 67601 Elevation 2195 KB 2187 GL
 Co. Rep / Geo. Ron Nelson Cont. Discovery #2 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 16 Twp. 13s Rge. 21w Co. Trego State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3594-3609 Initial Str Wt./Lbs. 42,000 Unseated Str Wt/Lbs. 93,000
 Anchor Length 15 Wt. Set Lbs. 28,000 Wt. Pulled Loose/Lbs. 48,000
 Top Packer Depth 3589 Tool Weight 2000
 Bottom Packer Depth 3594 Hole Size 7 7/8" X Rubber Size 6 3/4" X
 Total Depth 3609 Wt. Pipe Run 0 Drill Collar Run 31
 Mud Wt. 9.0 LCM Tr Vis. 52 WL 8.0 Drill Pipe Size 4 1/2 X 14 Ft. Run 3570

Blow Description IF: Weak Blow Built to 6 inches in 41 mins
FS: Bleed off 2 mins NO RETURN
FF: Weak Blow Built to 4 inches in 43 mins
FS: Bleed off 2 mins NO RETURN

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>125</u>	Feet of <u>Water cut mud</u>	%gas _____ %oil <u>60</u> %water <u>40</u> %mud _____	<u>31</u> <u>94</u>
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 116 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW 665.049 @ 66.7 Chlorides 45,000 ppm Recovery _____ Chlorides 4,000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1750</u>	PSI	<u>6724</u>	<u>700</u>
(B) First Initial Flow Pressure	<u>11</u>	PSI	(depth)	Elec. Rec. <u>X</u> <u>150</u>
(C) First Final Flow Pressure	<u>46</u>	PSI	Recorder No. <u>13849</u>	Jars _____
(D) Initial Shut-In Pressure	<u>702</u>	PSI	(depth) <u>3605</u>	Safety Jt. _____
(E) Second Initial Flow Pressure	<u>50</u>	PSI	Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure	<u>72</u>	PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure	<u>678</u>	PSI	Initial Opening <u>30 45</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>1719</u>	PSI	Initial Shut-In <u>45</u>	Ext. Packer _____
			Final Flow <u>45</u>	Shale Packer _____
			Final Shut-In <u>45</u>	Mileage <u>10042 35.7</u>

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.

Approved By Ron A. Nelson
 Our Representative Henry Blouch

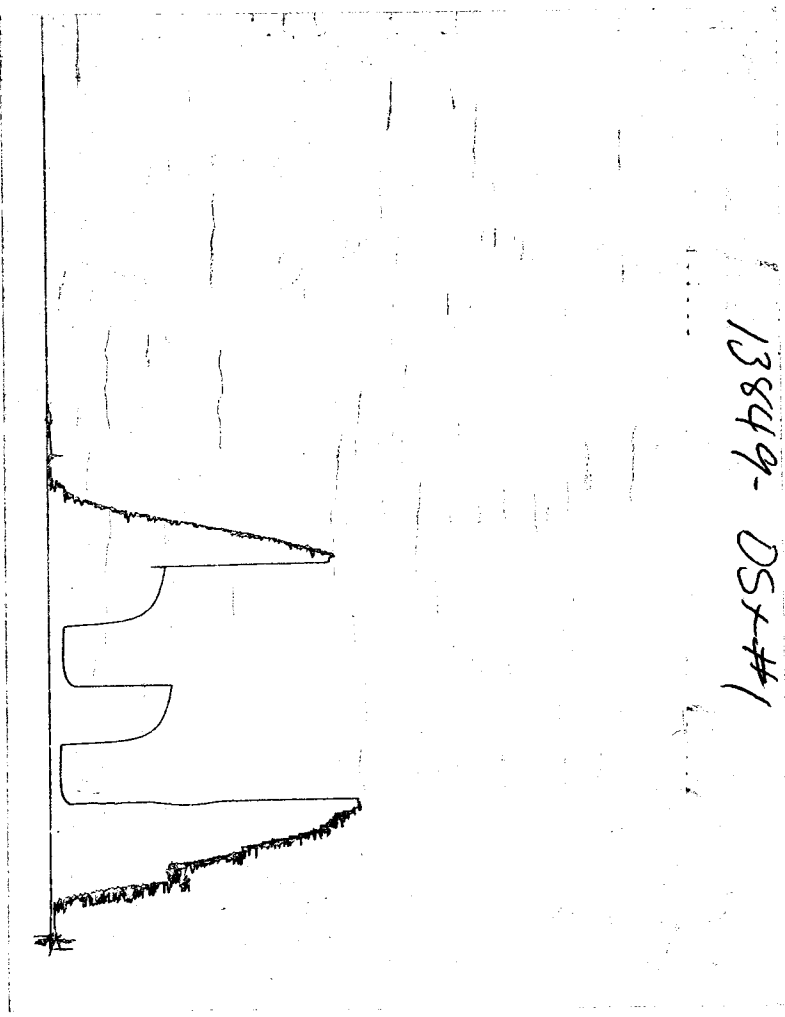
T-On Location 13:45
 T-Started 14:40
 T-Open 16:06
 T-Pulled 19:06
 T-Out 20:23

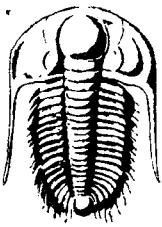
Sub Total: 885.70
 Std. By _____
 Other _____
 Total: _____

CHART PAGE

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

13849- DSX#1





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No. 19544

05/03

Test Ticket

Well Name & No. Keller-Keller 1-16 Test No. 2 Date 3-19-04
 Company Downing-Nelson Oil Co. Inc. Zone Tested Cherokee Sand + Marmon
 Address P.O. Box 372 Hays KS 67601 Elevation 2195 KB 2187 GL
 Co. Rep / Geo. Ron Nelson Cont. Discovery #2 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 16 Twp. 13S Rge. 21W Co. Trego State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3855 - 3919 Initial Str Wt./Lbs. 44,000 Unseated Str Wt./Lbs. 45,000
 Anchor Length 64 Wt. Set Lbs. 28,000 Wt. Pulled Loose/Lbs. 47,000
 Top Packer Depth 3850 Tool Weight 2500
 Bottom Packer Depth 3855 Hole Size 7 7/8" X Rubber Size 6 3/4" X
 Total Depth 3919 Wt. Pipe Run 0 Drill Collar Run 31
 Mud Wt. 9.3 LCM 71 Vis. 52 WL 8.8 Drill Pipe Size 4 1/2 x 4 Ft. Run 3655 3618
 Blow Description IF: Wear Blow Bottom Bucket 35 mins
IS: Bled off 2 mins no return
FF: Wear Blow Bucket 4 1/2 inches in 43 mins
FS: Bled off 2 mins no return

Recovery - Total Feet 230 GIP _____ Ft. in DC 31 Ft. in DP 199
 Rec. 170 Feet of Sh. Oil spotted mud %gas _____ %oil _____ %water 100 %mud _____
 Rec. 60 Feet of Water cut mud %gas _____ %oil 70 %water 30 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 120 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW -80 @ 65.5 °F Chlorides 8500 ppm Recovery _____ Chlorides 6,000 ppm System

	AK-1	Alpine	PSI	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1914</u>		<u>6724</u>	
(B) First Initial Flow Pressure		<u>22</u>		(depth)	Elec. Rec. <u>X</u>
(C) First Final Flow Pressure		<u>86</u>		<u>13849</u>	Jars _____
(D) Initial Shut-In Pressure		<u>702</u>		<u>3915</u>	Safety Jt. _____
(E) Second Initial Flow Pressure		<u>89</u>		Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure		<u>123</u>		(depth)	Sampler _____
(G) Final Shut-In Pressure		<u>657</u>		Initial Opening	Straddle _____
(Q) Final Hydrostatic Mud		<u>1845</u>		Initial Shut-In	Ext. Packer _____
				Final Flow	Shale Packer _____
				Final Shut-In	Mileage <u>20</u>
				T-On Location	Sub Total: <u>885.70</u>
				T-Started	Std. By _____
				T-Open	Other _____
				T-Pulled	Total: _____
				T-Out	

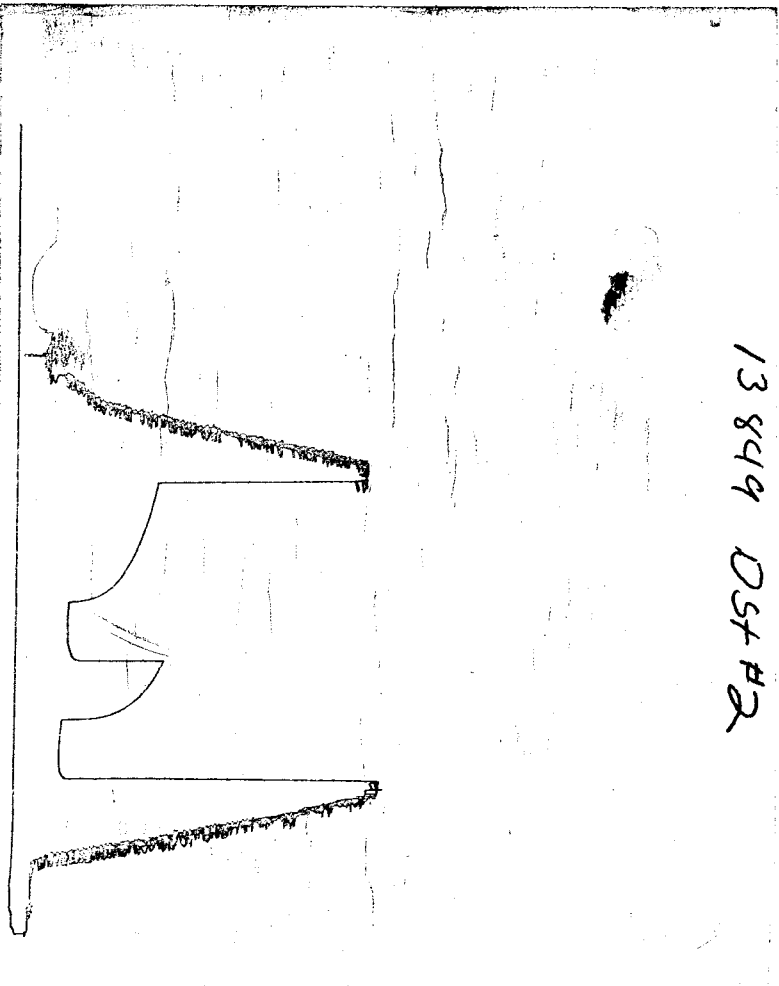
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST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

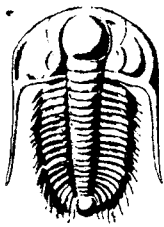
Approved By [Signature]
 Our Representative Larry Black

CHART PAGE

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

13849 DST #2





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 19545

05/03

Test Ticket

Well Name & No. Keller-Heller 1-16 Test No. 3 Date 5-20-04
 Company Downing Downey-Nelson Oil Co, Inc. Zone Tested Com + Homecrete
 Address P.O. Box 372 Hays, KS 67601 Elevation 2195 KB 2187 GL
 Co. Rep / Geo. Ron Nelson Cont. _____ Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 16 Twp. 13s Rge. 21 W Co. Trego State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3881-3958 Initial Str Wt./Lbs. 45,000 Unseated Str Wt./Lbs. 46,000
 Anchor Length 77 Wt. Set Lbs. 28,000 Wt. Pulled Loose/Lbs. 56,000
 Top Packer Depth 3876 Tool Weight 3000
 Bottom Packer Depth 3881 Hole Size 7 7/8" X Rubber Size 6 3/4" X
 Total Depth 4006 Wt. Pipe Run 6 Drill Collar Run 31
 Mud Wt. 9.3 LCM TC Vis. 53 WL 64 Drill Pipe Size 4 1/2 X H Ft. Run _____

Blow Description IF: Weak Blow Built to 10 inches in 40 mins
IS: Bleed off 2 mins NO Return
EF: Weak Blow Built to 5 inches in 43 mins.
ES: Bleed off 2 mins NO Return

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>190</u>		<u>31</u>	<u>159</u>
Rec. <u>190</u>	Feet of <u>mud CU + water</u>	%gas	%oil <u>30</u> %water <u>70</u> %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 120 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW 1273 @ 70 °F Chlorides 25000 ppm Recovery _____ Chlorides 6,000 ppm System

	AK-1	Alpine	PSI	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1943</u>			<u>6724</u>	<u>700</u>
(B) First Initial Flow Pressure	<u>24</u>			(depth)	Elec. Rec. <u>X</u> <u>150</u>
(C) First Final Flow Pressure	<u>24</u>			Recorder No. <u>13849</u>	Jars _____
(D) Initial Shut-In Pressure	<u>588</u>			(depth)	Safety Jt. _____
(E) Second Initial Flow Pressure	<u>75</u>			Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure	<u>101</u>			(depth)	Sampler _____
(G) Final Shut-In Pressure	<u>475</u>			Initial Opening <u>45</u>	Straddle <u>X</u> <u>250</u>
(Q) Final Hydrostatic Mud	<u>1927</u>			Initial Shut-In <u>45</u>	Ext. Packer <u>X</u> <u>150</u>
				Final Flow <u>45</u>	Shale Packer _____
				Final Shut-In <u>45</u>	Mileage <u>20</u> <u>35.70</u>
				T-On Location <u>21:00</u>	Sub Total: <u>1285.70</u>
				T-Started <u>22:47</u>	Std. By _____
				T-Open <u>00:20</u>	Other _____
				T-Pulled <u>3:20</u>	Total: _____
				T-Out <u>5:05</u>	

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.

Approved By Tenore Winkler T-Open 00:20 Other _____
 Our Representative Loay Black T-Pulled 3:20 Total: _____
 T-Out 5:05