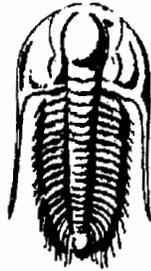


15-051-25274

20-12s-17w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Wayne E Walcher**

150 N Main Ste 809
Wichita Ks 67202

ATTN: Wayne E Walcher

20-12-17-Ellis-Ks

Schmeidler # 10-20

Start Date: 2004.01.24 @ 02:35:34

End Date: 2004.01.24 @ 09:38:34

Job Ticket #: 18234 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Wayne E Walcher

Schmeidler # 10-20

20-12-17-Ellis-Ks

DST # 1

Lansing

2004.01.24



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Wayne E Walcher

150 N Main Ste 809
Wichita Ks 67202

ATTN: Wayne E Walcher

Schmeidler # 10-20

20-12-17-Ellis-Ks

Job Ticket: 18234

DST#: 1

Test Start: 2004.01.24 @ 02:35:34

GENERAL INFORMATION:

Formation: **Lansing**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:09:04

Time Test Ended: 09:38:34

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: **3397.00 ft (KB) To 3472.00 ft (KB) (TVD)**

Total Depth: 3472.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2162.00 ft (KB)

2157.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6770 Inside

Press@RunDepth: 159.50 psig @ 3400.00 ft (KB)

Start Date: 2004.01.24

End Date:

2004.01.24

Capacity: 7000.00 psig

Last Calib.: 2004.01.24

Start Time: 02:35:35

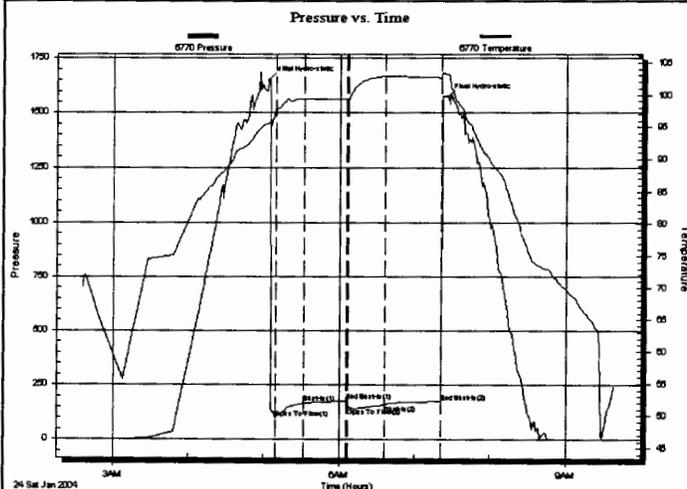
End Time:

09:38:34

Time On Btm: 2004.01.24 @ 05:03:34

Time Off Btm: 2004.01.24 @ 07:25:34

TEST COMMENT: IF-Strong BOB in 1 min
FFStrong BOB in 3 min-GTS in 20 min
Times-30-30-30-45



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1650.25	95.59	Initial Hydro-static
6	98.17	97.82	Open To Flow (1)
29	165.83	99.34	Shut-In (1)
62	176.07	99.43	End Shut-In (1)
63	144.47	99.17	Open To Flow (2)
93	159.50	102.91	Shut-In (2)
137	173.99	102.70	End Shut-In (2)
142	1573.91	103.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	Silty OCMyW 2%o 85%w 13%m	0.61
124.00	Silty OCGsYM 20%g 3%o 77%m	1.74
140.00	GsyM 30%g 70%m	1.96

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Wayne E Walcher

Schmeidler # 10-20

150 N Main Ste 809
Wichita Ks 67202

20-12-17-Ellis-Ks

Job Ticket: 18234

DST#: 1

ATTN: Wayne E Walcher

Test Start: 2004.01.24 @ 02:35:34

Tool Information

Drill Pipe:	Length: 3284.00 ft	Diameter: 3.80 inches	Volume: 46.07 bbl	Tool Weight: 1800.00 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 46.68 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3397.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	75.00 ft			
Tool Length:	96.00 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			3377.00	
Shut In Tool	5.00			3382.00	
Hydraulic tool	5.00			3387.00	
Packer	5.00			3392.00	21.00 Bottom Of Top Packer
Packer	5.00			3397.00	
Stubb	1.00			3398.00	
Perforations	1.00			3399.00	
Change Over Sub	1.00			3400.00	
Recorder	0.00	6770	Inside	3400.00	
Blank Spacing	61.00			3461.00	
Change Over Sub	1.00			3462.00	
Recorder	0.00	13254	Outside	3462.00	
Perforations	7.00			3469.00	
Bullnose	3.00			3472.00	75.00 Bottom Packers & Anchor

Total Tool Length: 96.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Wayne E Walcher

Schmeidler # 10-20

150 N Main Ste 809
Wichita Ks 67202

20-12-17-Ellis-Ks

Job Ticket: 18234

DST#: 1

ATTN: Wayne E Walcher

Test Start: 2004.01.24 @ 02:35:34

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:

65000 ppm

Viscosity: 50.00 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
124.00	Silty OCMdyW 2%o 85%w 13%m	0.610
124.00	Silty OCGsyM 20%g 3%o 77%m	1.739
140.00	GsyM 30%g 70%m	1.964

Total Length: 388.00 ft

Total Volume: 4.313 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

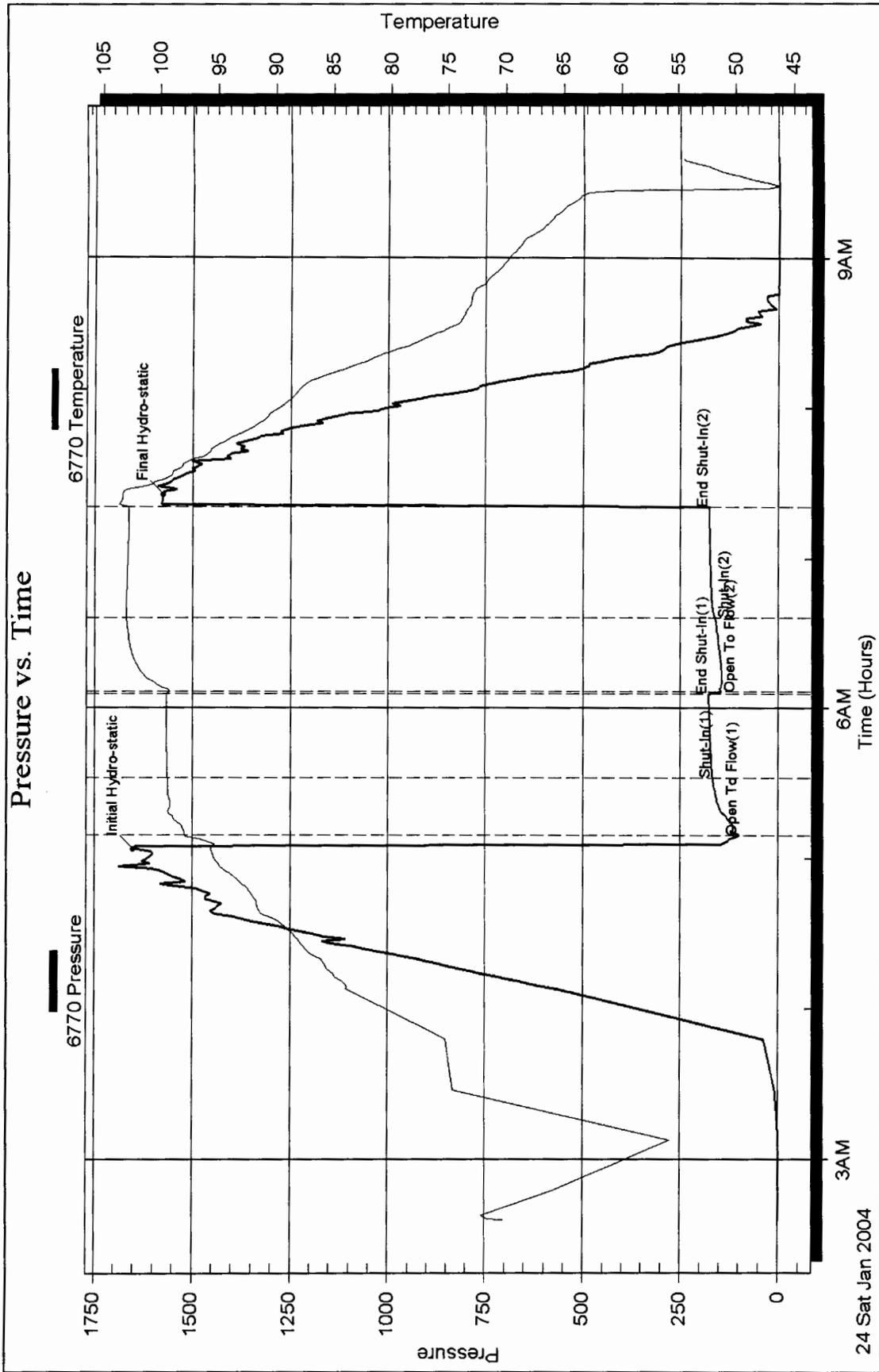
Serial #: 6770

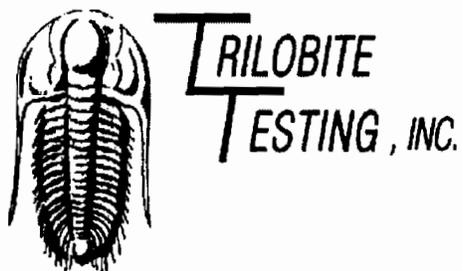
Inside

Wayne E Walcher

20-12-17-Ellis-Ks

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Wayne E Walcher**

150 N Main Ste 809
Wichita Ks 67202

ATTN: Wayne E Walcher

20-12-17-Ellis-Ks

Schmeidler # 10-20

Start Date: 2004.01.25 @ 03:55:48

End Date: 2004.01.25 @ 12:11:48

Job Ticket #: 18235 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

Wayne E Walcher

150 N Main Ste 809
Wichita Ks 67202

ATTN: Wayne E Walcher

Schmeidler # 10-20

20-12-17-Ellis-Ks

Job Ticket: 18235

DST#: 2

Test Start: 2004.01.25 @ 03:55:48

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:35:18

Time Test Ended: 12:11:48

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: **3636.00 ft (KB) To 3700.00 ft (KB) (TVD)**

Total Depth: 3700.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2162.00 ft (KB)

2157.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6770

Inside

Press@RunDepth: 544.86 psig @ 3639.00 ft (KB)

Start Date: 2004.01.25

End Date:

2004.01.25

Start Time: 03:55:49

End Time:

12:11:48

Capacity: 7000.00 psig

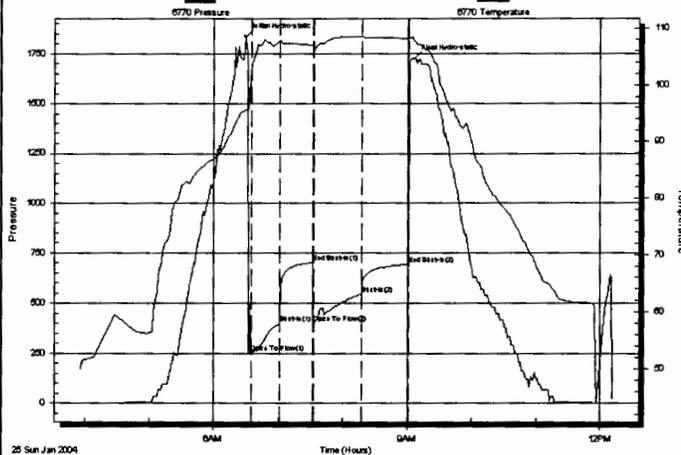
Last Calib.: 2004.01.25

Time On Btm: 2004.01.25 @ 06:29:18

Time Off Btm: 2004.01.25 @ 09:06:18

TEST COMMENT: IF-Strong BOB in 2 min
FF-Strong BOB in 5 min
Times-30-30-45-45

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1834.05	95.56	Initial Hydro-static
6	252.54	102.59	Open To Flow (1)
32	401.51	107.80	Shut-In (1)
63	699.73	106.97	End Shut-In (1)
64	402.45	106.70	Open To Flow (2)
108	544.86	108.50	Shut-In (2)
152	691.61	108.15	End Shut-In (2)
157	1722.00	107.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Water	0.32
1360.00	CO	18.54
0.00	124 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Wayne E Walcher

Schmeidler # 10-20

150 N Main Ste 809
Wichita Ks 67202

20-12-17-Ellis-Ks

Job Ticket: 18235

DST#: 2

ATTN: Wayne E Walcher

Test Start: 2004.01.25 @ 03:55:48

Tool Information

Drill Pipe:	Length: 3503.00 ft	Diameter: 3.80 inches	Volume: 49.14 bbl	Tool Weight: 1700.00 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 49.75 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3636.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	85.00 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			3616.00	
Shut In Tool	5.00			3621.00	
Hydraulic tool	5.00			3626.00	
Packer	5.00			3631.00	21.00 Bottom Of Top Packer
Packer	5.00			3636.00	
Stubb	1.00			3637.00	
Perforations	1.00			3638.00	
Change Over Sub	1.00			3639.00	
Recorder	0.00	6770	Inside	3639.00	
Blank Spacing	31.00			3670.00	
Change Over Sub	1.00			3671.00	
Recorder	0.00	13254	Outside	3671.00	
Perforations	26.00			3697.00	
Bullnose	3.00			3700.00	64.00 Bottom Packers & Anchor

Total Tool Length: 85.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Wayne E Walcher

Schmeidler # 10-20

150 N Main Ste 809
Wichita Ks 67202

20-12-17-Ellis-Ks

Job Ticket: 18235

DST#: 2

ATTN: Wayne E Walcher

Test Start: 2004.01.25 @ 03:55:48

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:

bbl

Water Loss: 7.99 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
65.00	Water	0.320
1360.00	CO	18.540
0.00	124 GIP	0.000

Total Length: 1425.00 ft Total Volume: 18.860 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6770

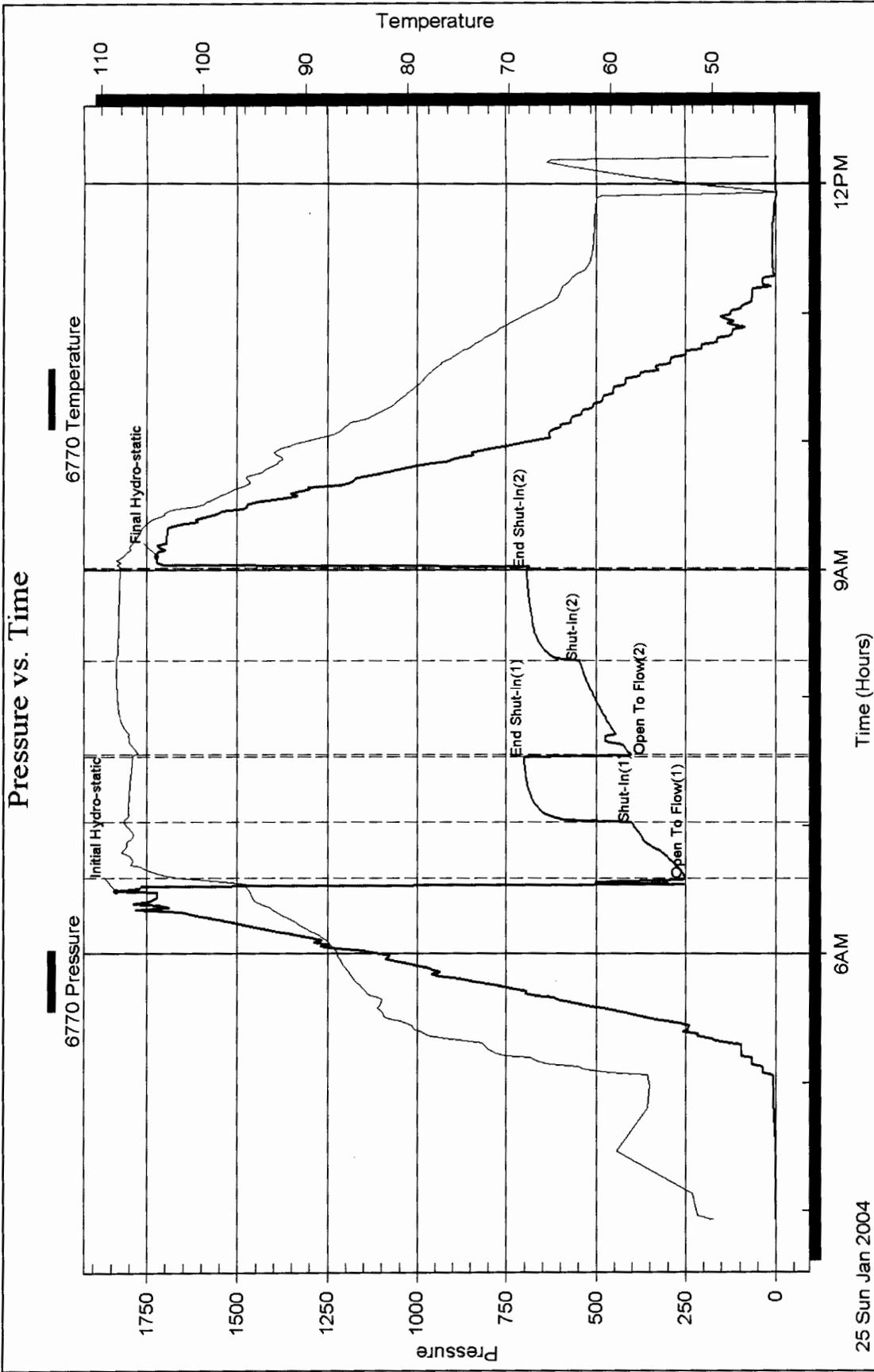
Inside

Wayne E Walcher

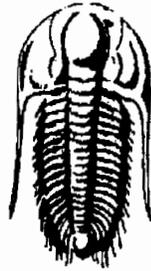
20-12-17-Ellis-Ks

DST Test Number: 2

Pressure vs. Time



25 Sun Jan 2004



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Wayne E Walcher**

150 N Main Ste 809
Wichita Ks 67202

ATTN: Wayne E Walcher

20-12-17-Ellis-Ks

Schmeidler # 10-20

Start Date: 2004.01.25 @ 21:20:33

End Date: 2004.01.26 @ 03:32:33

Job Ticket #: 18236 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

Wayne E Walcher
150 N Main Ste 809
Wichita Ks 67202
ATTN: Wayne E Walcher

Schmeidler # 10-20
20-12-17-Ellis-Ks
Job Ticket: 18236 **DST#: 3**
Test Start: 2004.01.25 @ 21:20:33

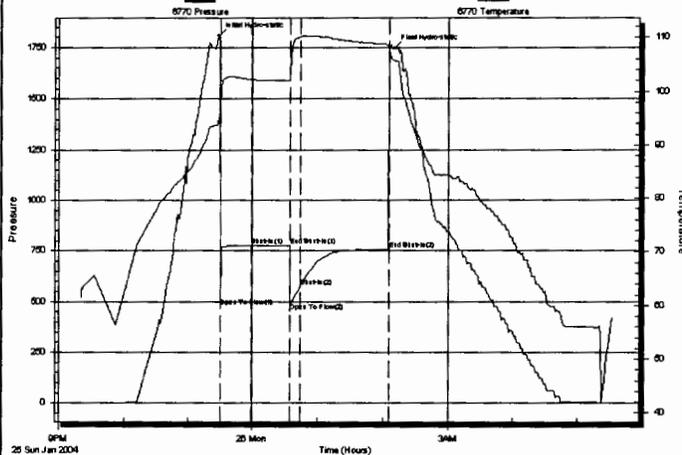
GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 21:20:33
Time Test Ended: 03:32:33
Test Type: Conventional Bottom Hole
Tester: Dan Bangle
Unit No: 21
Interval: **3701.00 ft (KB) To 3720.00 ft (KB) (TVD)**
Reference Elevations: 2162.00 ft (KB)
Total Depth: 3720.00 ft (KB) (TVD) 2157.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 6770 Inside
Press@RunDepth: 570.80 psig @ 3702.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2004.01.25 End Date: 2004.01.26 Last Calib.: 2004.01.26
Start Time: 21:20:34 End Time: 05:32:33 Time On Btm: 2004.01.25 @ 23:28:33
Time Off Btm: 2004.01.26 @ 02:09:33

TEST COMMENT: IF-Weak building to 6" -Died in 5 min Plugged tool on IF
FF-Strong BOB in 1 min
Times-30-30-45-45

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1806.91	94.98	Initial Hydro-static
2	474.52	96.89	Open To Flow (1)
31	774.14	102.19	Shut-In(1)
66	774.69	102.09	End Shut-In(1)
67	452.20	103.25	Open To Flow (2)
76	570.80	110.05	Shut-In(2)
157	758.08	108.69	End Shut-In(2)
161	1746.32	105.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	Water	1.48
1735.00	CO	24.34

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Wayne E Walcher
150 N Main Ste 809
Wichita Ks 67202
ATTN: Wayne E Walcher

Schmeidler # 10-20
20-12-17-Ellis-Ks
Job Ticket: 18236 **DST#: 3**
Test Start: 2004.01.25 @ 21:20:33

Tool Information

Drill Pipe:	Length: 3565.00 ft	Diameter: 3.80 inches	Volume: 50.01 bbl	Tool Weight: 1500.00 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 50.62 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3701.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	40.00 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			3681.00	
Shut In Tool	5.00			3686.00	
Hydraulic tool	5.00			3691.00	
Packer	5.00			3696.00	21.00 Bottom Of Top Packer
Packer	5.00			3701.00	
Stubb	1.00			3702.00	
Recorder	0.00	6770	Inside	3702.00	
Perforations	15.00			3717.00	
Recorder	0.00	13254	Outside	3717.00	
Bullnose	3.00			3720.00	19.00 Bottom Packers & Anchor
Total Tool Length:	40.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Wayne E Walcher

Schmeidler # 10-20

150 N Main Ste 809
Wichita Ks 67202

20-12-17-Ellis-Ks

Job Ticket: 18236

DST#: 3

ATTN: Wayne E Walcher

Test Start: 2004.01.25 @ 21:20:33

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

28 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

36000 ppm

Viscosity: 45.00 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
186.00	Water	1.480
1735.00	CO	24.337

Total Length: 1921.00 ft

Total Volume: 25.817 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6770

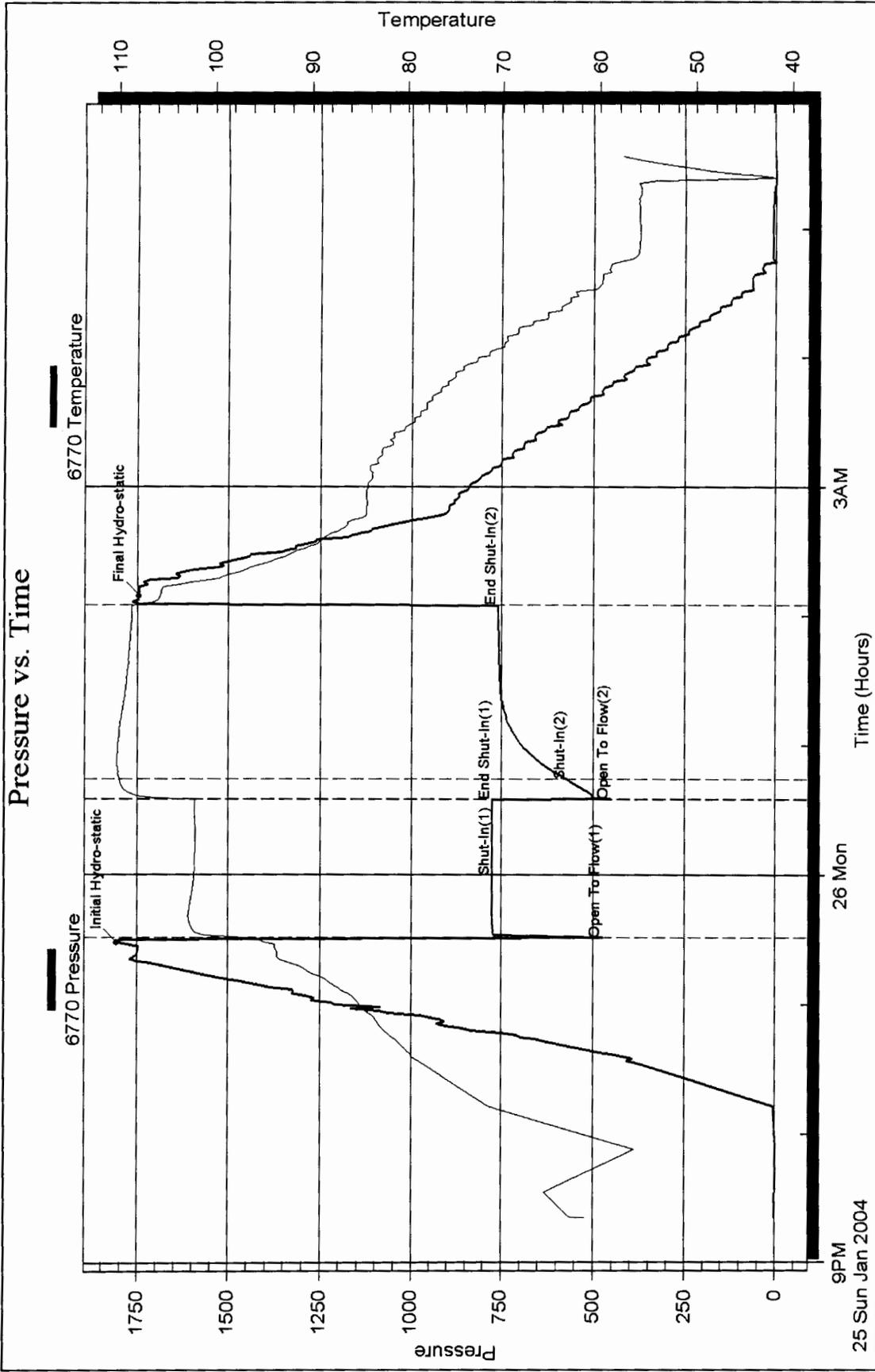
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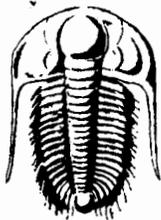
Wayne E Walcher

20-12-17-Ellis-Ks

DST Test Number: 3

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

JNV
0162

N^o 18234

05/03

Test Ticket

Well Name & No. Schmeidler #10-20 Test No. 1 Date 1-24-04
 Company Wayne E. Walcher Zone Tested Kansing
 Address 150 N. Main, Ste 809, Wichita, Ks. 67202 Elevation 2162 KB 2157 GL
 Co. Rep / Geo. Jerry Honas Cont. Murfin #24 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 20 Twp. 12 Rge. 17 Co. Ellis State Ks
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3397 — 3472 Initial Str Wt./Lbs. 42,000 Unseated Str Wt/Lbs. 43,000
 Anchor Length 75' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 50,000
 Top Packer Depth 3392 Tool Weight 1800
 Bottom Packer Depth 3377 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3472 Wt. Pipe Run _____ Drill Collar Run 124
 Mud Wt. 8.8 LCM _____ Vis. 50 WL 8.8 Drill Pipe Size 4.5 x H Ft. Run 3284
 Blow Description I.F. Strong - B.O.B. in 1 min.

F.F. Strong - B.O.B. in 3 min. GTS in 25 min

Recovery - Total Feet 388 GIP GTS Ft. in DC 124 Ft. in DP 264
 Rec. 140 Feet of Gsy M 30 %gas %oil %water 70 %mud
 Rec. 124 Feet of slty OC Gsy M 20 %gas 3 %oil %water 77 %mud
 Rec. 124 Feet of slty OC mdy W %gas 2 %oil 85 %water 13 %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 .17 @ 80 °F Chlorides 65,000 ppm Recovery _____ Chlorides 3,000 ppm System

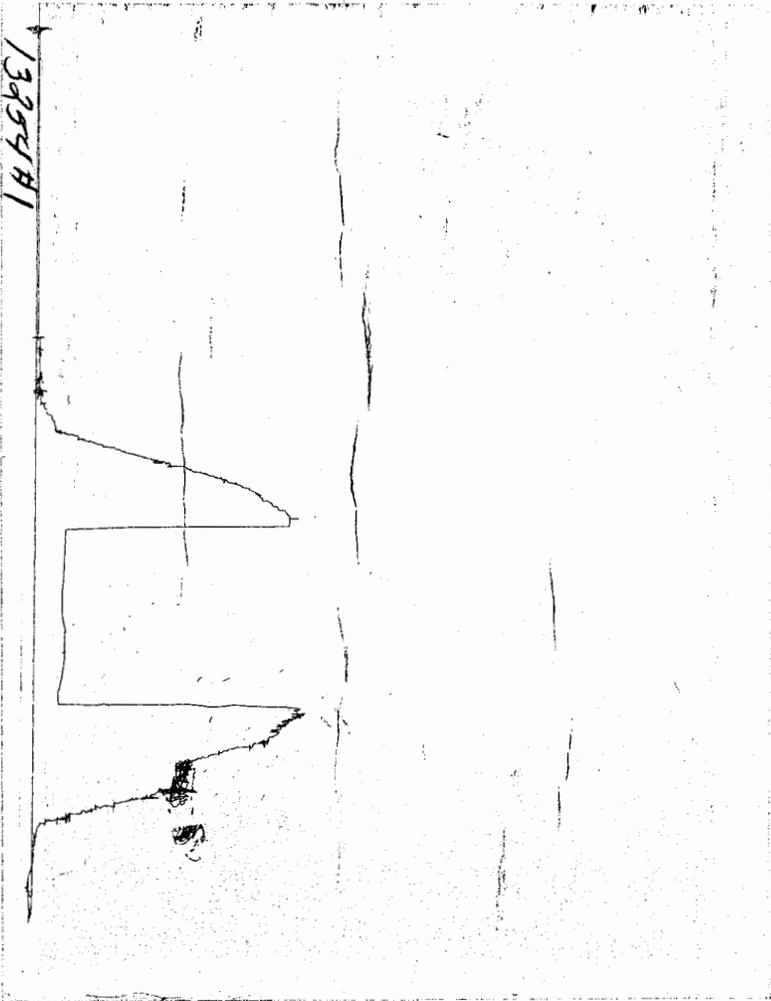
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1650</u>	PSI	<u>6770</u>	<u>700</u>
(B) First Initial Flow Pressure	<u>98</u>	PSI	(depth) <u>3400</u>	Elec. Rec. <u>X</u> <u>150</u>
(C) First Final Flow Pressure	<u>165</u>	PSI	Recorder No. <u>13254</u>	Jars _____
(D) Initial Shut-In Pressure	<u>176</u>	PSI	(depth) <u>3462</u>	Safety Jt. _____
(E) Second Initial Flow Pressure	<u>144</u>	PSI	Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure	<u>159</u>	PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure	<u>173</u>	PSI	Initial Opening <u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>1573</u>	PSI	Initial Shut-In <u>30</u>	Ext. Packer _____
			Final Flow <u>30</u>	Shale Packer _____
			Final Shut-In <u>45</u>	Mileage <u>15</u> <u>25.50</u>
			T-On Location <u>01:50</u>	Sub Total: <u>875.50</u>
			T-Started <u>02:35</u>	Std. By _____
			T-Open <u>05:05</u>	Other _____
			T-Pulled <u>07:20</u>	Total: _____
			T-Out <u>09:38</u>	

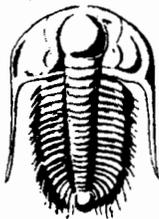
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Approved By [Signature]
Our Representative Dan Bangle

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

N^o 18235

05/03

Test Ticket

Well Name & No. Schmeidler #10-20 Test No. 2 Date 1-15-04
 Company Wayne Walcher Zone Tested Arbuckle
 Address _____ Elevation 2162 KB 2157 GL _____
 Co. Rep / Geo. Jerry Honas Cont. Murfin #24 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 20 Twp. 12 Rge. 17 Co. Ellis State Ks
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3636 — 3700 Initial Str Wt./Lbs. 42,000 Unseated Str Wt./Lbs. 46,000
 Anchor Length 64 Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth 3631 Tool Weight 1700
 Bottom Packer Depth 3636 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3700 Wt. Pipe Run _____ Drill Collar Run 124
 Mud Wt. 9 LCM _____ Vis. 54 WL 8 Drill Pipe Size 4.5XH Ft. Run 3503
 Blow Description F.F. Strong B.O.B. in 2 min.
F.F. Strong B.O.B. in 5 min.

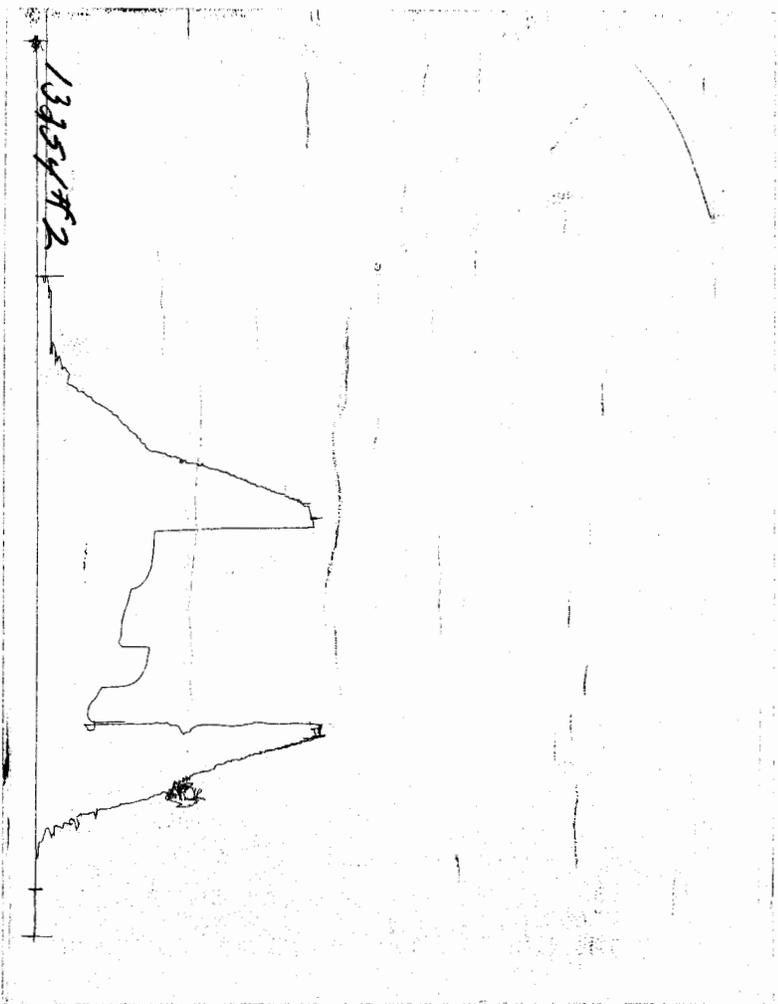
Recovery - Total Feet 1425 GIP 124 Ft. in DC 124 Ft. in DP 1301
 Rec. 1360 Feet of CO %gas _____ %oil _____ %water _____ %mud _____
 Rec. 65 Feet of WTR %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 108 °F Gravity _____ °API D @ _____ °F Corrected Gravity 28 °API
 RW .19 @ 80 °F Chlorides 36,000 ppm Recovery _____ Chlorides 5,000 ppm System

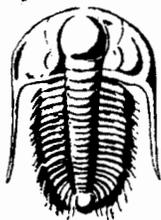
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1834</u> PSI		<u>6770</u>	<u>700</u>
(B) First Initial Flow Pressure	<u>252</u> PSI		(depth) <u>3639</u>	Elec. Rec. <u>X</u> <u>150</u>
(C) First Final Flow Pressure	<u>401</u> PSI		Recorder No. <u>13254</u>	Jars _____
(D) Initial Shut-In Pressure	<u>699</u> PSI		(depth) <u>3671</u>	Safety Jt. _____
(E) Second Initial Flow Pressure	<u>402</u> PSI		Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure	<u>544</u> PSI		(depth) _____	Sampler _____
(G) Final Shut-In Pressure	<u>691</u> PSI	Initial Opening <u>30</u>		Straddle _____
(Q) Final Hydrostatic Mud	<u>1722</u> PSI	Initial Shut-In <u>30</u>		Ext. Packer _____
		Final Flow <u>45</u>		Shale Packer _____
		Final Shut-In <u>45</u>		Mileage <u>15</u> <u>25.50</u>
		T-On Location <u>03:30</u>		Sub Total: <u>875.50</u>
		T-Started <u>03:55</u>		Std. By <u>2hr</u> <u>15</u>
		T-Open <u>06:30</u>		Other _____
		T-Pulled <u>09:00</u>		Total: <u>890.50</u>
		T-Out <u>12:11</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 [Signature]
 Our Representative Don Dangle

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 18236

05/03

Test Ticket

Well Name & No. Schmeidler #10-20 Test No. 3 Date 1-25-04
 Company Wayne Walcher Zone Tested Arbuckle
 Address _____ Elevation 2162 KB 2157 GL _____
 Co. Rep / Geo. Jerry Honas Cont. Murfin #24 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 20 Twp. 12 Rge. 17 Co. Ellis State Ks
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3701 — 3720 Initial Str Wt./Lbs. 42,000 Unseated Str Wt./Lbs. 48,000
 Anchor Length 19 Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth 3696 Tool Weight 1500
 Bottom Packer Depth 3701 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3720 Wt. Pipe Run _____ Drill Collar Run 124
 Mud Wt. 8.9 LCM _____ Vis. 45 WL 7.2 Drill Pipe Size 4.5x11 Ft. Run 3565
 Blow Description IF - weak - building to 6" - Died in 5 min.
Plugged on IF
F.F. Strong - B.O.B. in 1 min.

Recovery - Total Feet 1921 GIP _____ Ft. in DC 124 Ft. in DP 1797
 Rec. 1735 Feet of CO %gas _____ %oil _____ %water _____ %mud _____
 Rec. 186 Feet of WTR %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 108 °F Gravity _____ °API D @ _____ °F Corrected Gravity 28 °API
 RW .19 @ 78 °F Chlorides 34,000 ppm Recovery _____ Chlorides 5000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1806</u>	PSI	<u>6770</u>	
(B) First Initial Flow Pressure	<u>-</u>	PSI	(depth) <u>3702</u>	Elec. Rec. <u>X</u>
(C) First Final Flow Pressure	<u>-</u>	PSI	Recorder No. <u>13254</u>	Jars _____
(D) Initial Shut-In Pressure	<u>-</u>	PSI	(depth) <u>3717</u>	Safety Jt. _____
(E) Second Initial Flow Pressure	<u>452</u>	PSI	Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure	<u>570</u>	PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure	<u>758</u>	PSI	Initial Opening <u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>1746</u>	PSI	Initial Shut-In <u>30</u>	Ext. Packer _____

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Approved By [Signature]
 Our Representative [Signature]

Final Flow 45 Shale Packer _____
 Final Shut-In 45 Mileage 15
T-On Location 18:30 Sub Total: 875.50
 T-Started 19:05 Std. By 1hr 30
 T-Open 21:20 Other 905.50
 T-Pulled 23:50 Total: _____
 T-Out 03:32

CHART PAGE

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

