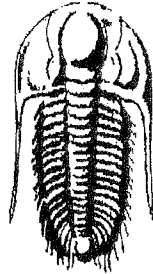


9-14s-20w

15-051-25577



TRILOBITE
TESTING, INC.

I A Operating Inc

Dawn Unit # 9-1

DRILL STEM TEST REPORT

Prepared For: **I A Operating Inc**

900 N Tyler Rd # 14
Wichita KS 67212

9 14S 20W Ellis KS

ATTN: Hal Porter

9 14S 20W Ellis KS

Dawn Unit # 9-1

Start Date: 2006.10.30 @ 10:18:42

End Date: 2006.10.30 @ 17:24:42

Job Ticket #: 26119 DST #: 1

DST # 1

15-051-25577-00-00

NE SE NW

L.K.C. - U 10 F

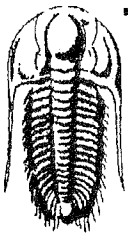
2006.10.02

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Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

IA Operating Inc
900 N Tyler Rd # 14
Wichita KS 67212
ATTN: Hal Porter

Dawn Unit # 9-1
9 14S 20W Ellis KS
Job Ticket: 26119 DST#: 1
Test Start: 2006.10.30 @ 10:18:42

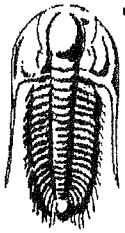
Tool Information

Drill Pipe:	Length: 3514.00 ft	Diameter: 3.80 inches	Volume: 49.29 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	55000.00 lb
			<u>Total Volume: 49.29 bbl</u>	Tool Chased:	0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial	46000.00 lb
Depth to Top Packer:	3525.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	95.00 ft				
Tool Length:	115.00 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			3506.00	
Shut In Tool	5.00			3511.00	
Hydraulic tool	5.00			3516.00	
Packer	4.00			3520.00	20.00 Bottom Of Top Packer
Packer	5.00			3525.00	
Stubb	1.00			3526.00	
Perforations	2.00			3528.00	
Change Over Sub	1.00			3529.00	
Recorder	0.00	8018	Inside	3529.00	
Blank Spacing	62.00			3591.00	
Change Over Sub	1.00			3592.00	
Recorder	0.00	11084	Outside	3592.00	
Perforations	25.00			3617.00	
Bullnose	3.00			3620.00	95.00 Bottom Packers & Anchor

Total Tool Length: 115.00

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

IA Operating Inc
900 N Tyler Rd # 14
Wichita KS 67212
ATTN: Hal Porter

Dawn Unit # 9-1
9 14S 20W Ellis KS
Job Ticket: 26119 **DST#: 1**
Test Start: 2006.10.30 @ 10:18:42

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:	80000 ppm
Viscosity: 45.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

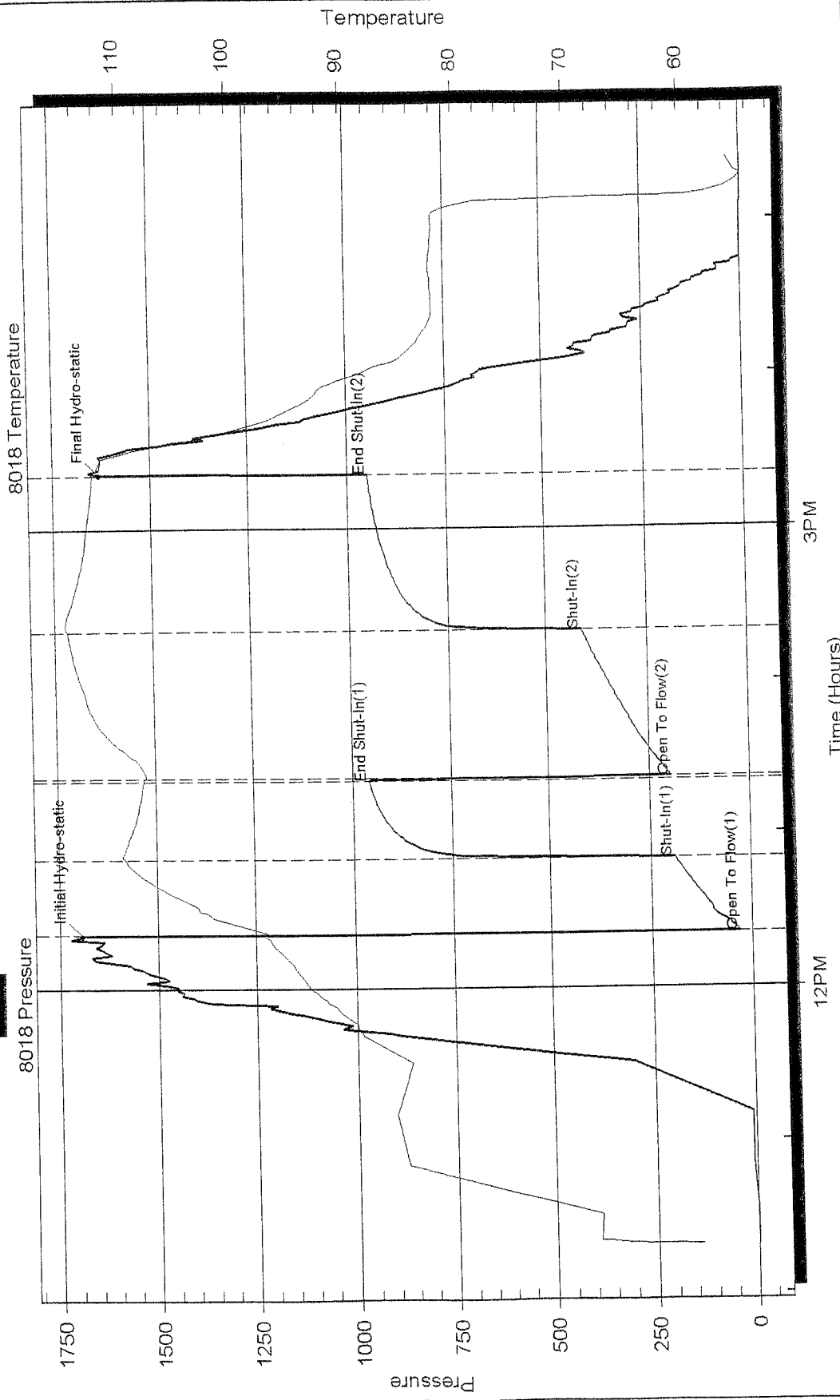
Recovery Information

Recovery Table

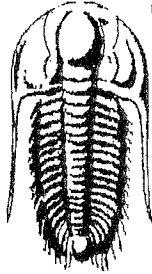
Length ft	Description	Volume bbl
836.00	M.S.W.	11.727

Total Length: 836.00 ft Total Volume: 11.727 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time



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DRILL STEM TEST REPORT

Prepared For: **I A Operating Inc**

900 N Tyler Rd # 14
Wichita KS 67212

ATTN: Hal Porter

9 14S 20W Ellis KS

Dawn Unit # 9-1

Start Date: 2006.10.31 @ 23:09:48

End Date: 2006.11.01 @ 04:26:48

Job Ticket #: 26120 DST #: 2

Trilobite Testing, Inc

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

Printed: 2006.11.02 @ 13:25:46 Page 1

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I A Operating Inc

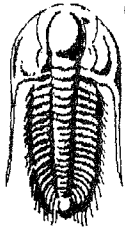
Dawn Unit # 9-1

9 14S 20W Ellis KS

US1 # 2

Reagan Danu

2006.11.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

I A Operating Inc
900 N Tyler Rd # 14
Wichita KS 67212
ATTN: Hal Porter

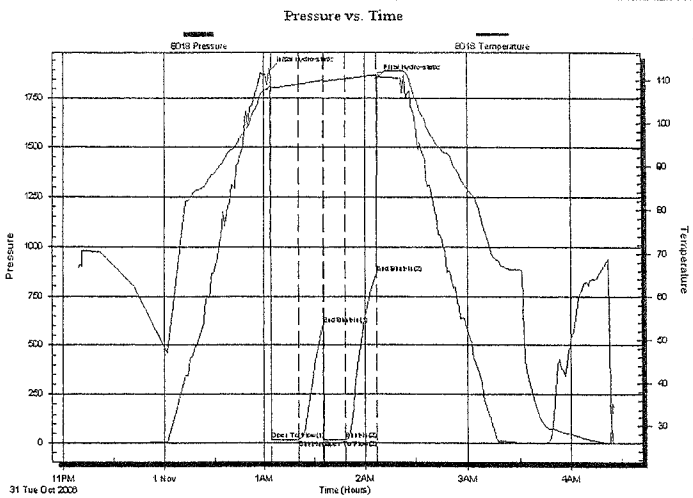
Dawn Unit # 9-1
9 14S 20W Ellis KS
Job Ticket: 26120 **DST#: 2**
Test Start: 2006.10.31 @ 23:09:48

GENERAL INFORMATION:

Formation: **Reagan Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:04:18
Time Test Ended: 04:26:48
Interval: **3832.00 ft (KB) To 3875.00 ft (KB) (TVD)**
Total Depth: 3962.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 2229.00 ft (KB)
2224.00 ft (CF)
KB to GRVCF: 5.00 ft
Test Type: Conventional Straddle
Tester: John Schmidt
Unit No: 31

Serial #: 8018 Inside
Press@RunDepth: 16.24 psig @ 3836.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2006.10.31 End Date: 2006.11.01 Last Calib.: 2006.11.01
Start Time: 23:09:53 End Time: 04:26:47 Time On Btm: 2006.11.01 @ 01:03:48
Time Off Btm: 2006.11.01 @ 02:07:18

TEST COMMENT: IF Weak Surface
ISI Dead
FF Dead
FSI Dead



PRESSURE SUMMARY

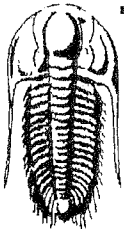
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1894.37	108.44	Initial Hydro-static
1	14.29	108.10	Open To Flow (1)
17	15.93	108.94	Shut-In(1)
32	605.59	109.96	End Shut-In(1)
32	15.14	109.75	Open To Flow (2)
45	16.24	110.27	Shut-In(2)
63	867.12	111.21	End Shut-In(2)
64	1852.45	111.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	D.Mud	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

I A Operating Inc
900 N Tyler Rd # 14
Wichita KS 67212
ATTN: Hal Porter

Dawn Unit # 9-1
9 14S 20W Ellis KS
Job Ticket: 26120 **DST#: 2**
Test Start: 2006.10.31 @ 23:09:48

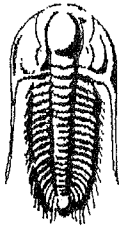
Tool Information

Drill Pipe:	Length: 3821.00 ft	Diameter: 3.80 inches	Volume: 53.60 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 53.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3832.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	3875.00 ft			
Interval between Packers:	43.00 ft			
Tool Length:	150.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3813.00	
Shut In Tool	5.00			3818.00	
Hydraulic tool	5.00			3823.00	
Packer	4.00			3827.00	20.00 Bottom Of Top Packer
Packer	5.00			3832.00	
Stubb	1.00			3833.00	
Perforations	2.00			3835.00	
Change Over Sub	1.00			3836.00	
Recorder	0.00	8018	Inside	3836.00	
Blank Spacing	28.00			3864.00	
Perforations	10.00			3874.00	
Recorder	0.00	13308	Outside	3874.00	
Blank Off Sub	1.00			3875.00	43.00 Tool Interval
Packer	0.00			3875.00	
Stubb	1.00			3876.00	
Perforations	16.00			3892.00	
Change Over Sub	1.00			3893.00	
Recorder	0.00	11084		3893.00	
Blank Spacing	62.00			3955.00	
Change Over Sub	1.00			3956.00	
Perforations	3.00			3959.00	
Bullnose	3.00			3962.00	87.00 Bottom Packers & Anchor
Total Tool Length:	150.00				

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**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

I A Operating Inc
900 N Tyler Rd # 14
Wichita KS 67212
ATTN: Hal Porter

Dawn Unit # 9-1
9 14S 20W Ellis KS
Job Ticket: 26120 **DST#: 2**
Test Start: 2006.10.31 @ 23:09:48

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: 45.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

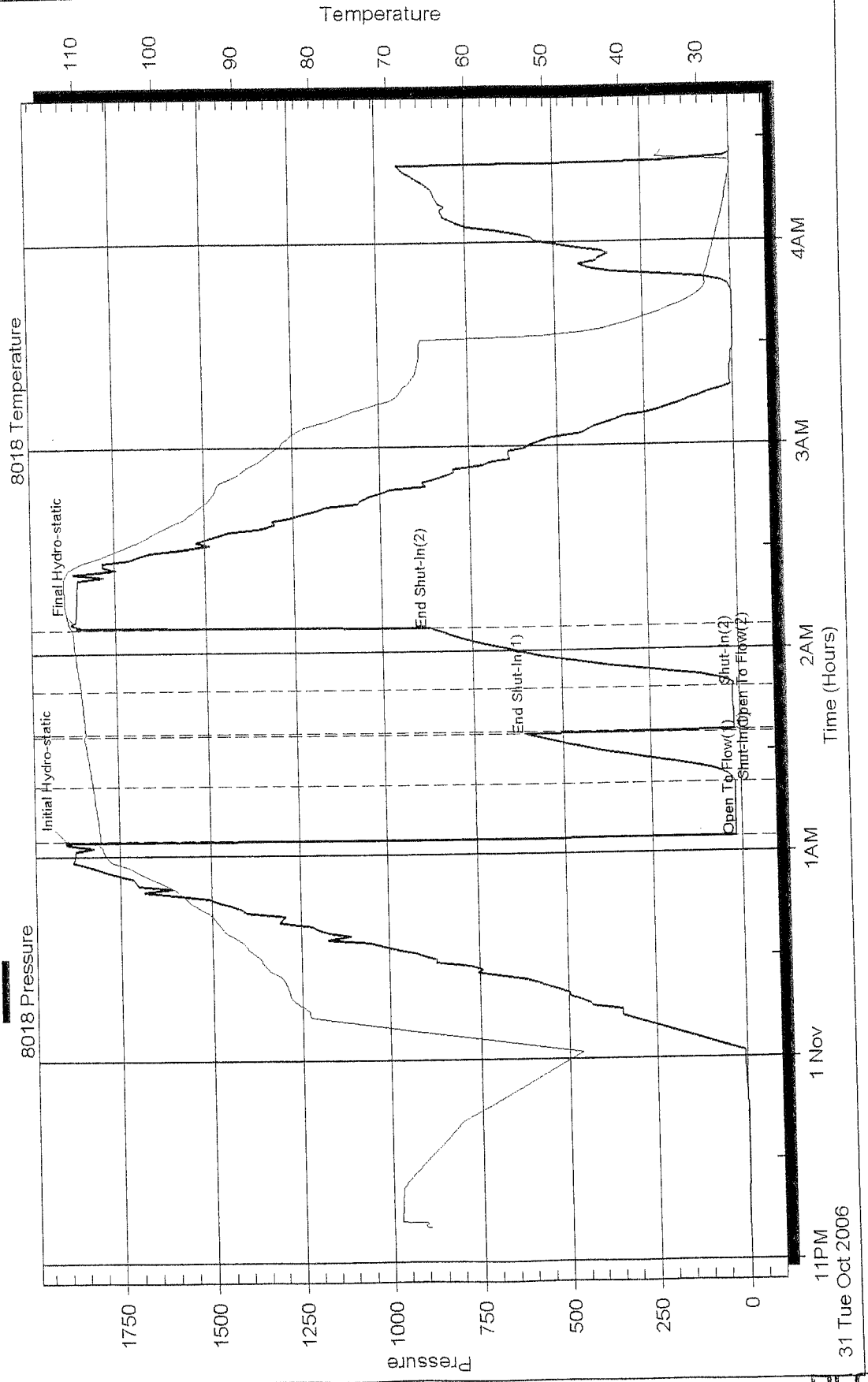
Recovery Information

Recovery Table

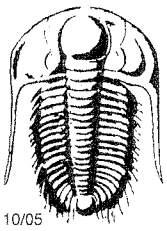
Length ft	Description	Volume bbl
5.00	D.Mud	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time



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TRILOBITE TESTING INC.

26119

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. DAWN UNIT #9-1 Test No. #1 Date 10-30-06
 Company IA OPERATING INC. Zone Tested L.K.C. C-F
 Address 900 N. TYLER RD #14 WICHITA, KS, 67212 Elevation 2229 KB 2224 GL
 Co. Rep / Geo. RANDY KILIAN Rig MURFIN #16
 Location: Sec. 9 Twp. 14S Rge. 20W Co. ELLIS State KS
 Comment: _____ Release date / time: _____

Interval Tested 3525 To 3620 Initial Str Wt./Lbs. 46,000 Unseated Str Wt./Lbs. 50,000
 Anchor Length 95' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 55,000
 Top Packer Depth 3520 Tool Weight 2,200
 Bottom Packer Depth 3525 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth _____ Wt. Pipe Run 0 Drill Collar Run 0
 Mud Wt. 9.1 LCM 1# Vis. 45 WL 96 Drill Pipe Size 4 1/2 XH Ft. Run 3514
 Blow Description IF-STRONG B.O.B, 6-MIN. FSL-DEAD
FF-STRONG B.O.B, 12-MIN. FSL-DEAD

Recovery - Total Feet 836' GIP 0 Ft. in DC 0 Ft. in DP 836'
 Rec. 836 Feet of M.S.W. %gas _____ %oil 85 %water 15 %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 112 °F Gravity - °API D @ - °F Corrected Gravity - °API
 RW .1 @ 70 °F Chlorides 80,000 ppm Recovery - Chlorides 5,000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1698</u>	PSI	<u>8018</u>	<u>✓</u>
(B) First Initial Flow Pressure	<u>30</u>	PSI	(depth) <u>3529</u>	Jars _____
(C) First Final Flow Pressure	<u>192</u>	PSI	Recorder No. <u>11084</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>961</u>	PSI	(depth) <u>3592</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>196</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>411</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>952</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1633</u>	PSI	Initial Shut-In <u>30</u>	Shale Packer _____
			Final Flow <u>60</u>	Ruined Packer _____
			Final Shut-In <u>60</u>	Mileage <u>RT-1040</u>

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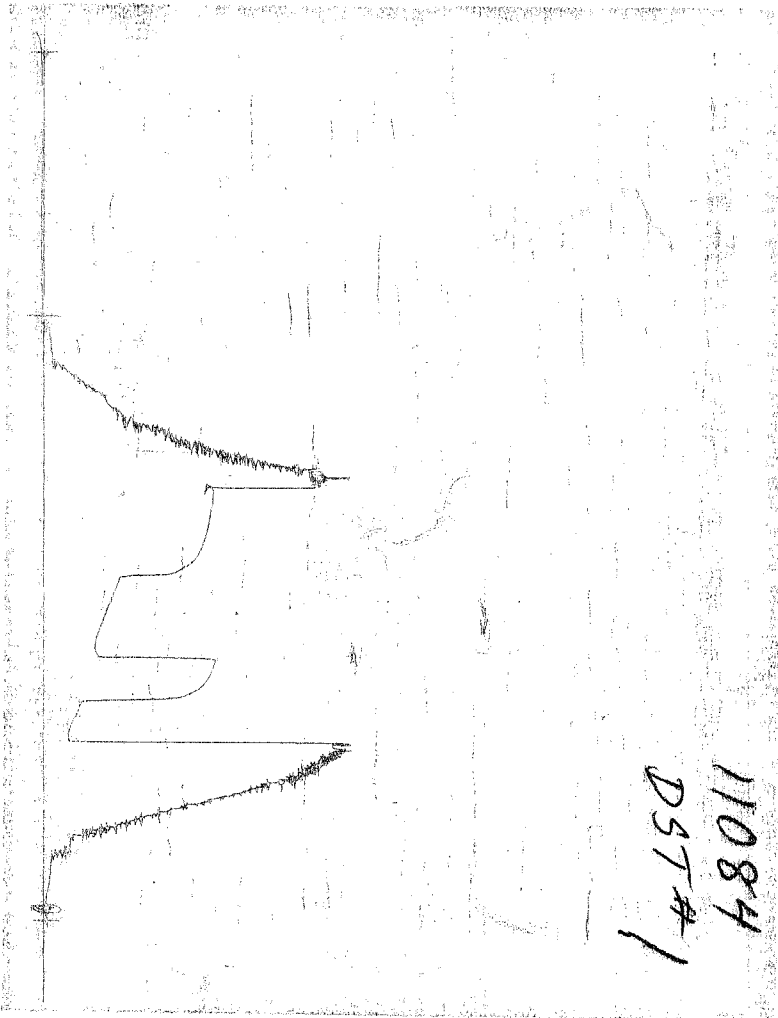
Approved By _____
 Our Representative John F. Schmidt

T-On Location 09:30
 T-Started 10:18
 T-Open 12:21
 T-Pulled 15:21
 T-Out 17:24

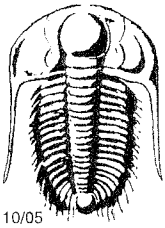
Sub Total: _____
 Std. By RECEIVED
 Acc. Chg: DEC 01 2006
 Other: _____
 Total: KCC WICHITA

CHART PAGE

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26120

Test Ticket

Well Name & No. DAWN UNIT #9-1 Test No. #2 Date 10-31-06
 Company FA OPERATING, INC. Zone Tested REAGAN SD.
 Address _____ Elevation 2229 KB 2224 GL
 Co. Rep / Geo. RANDY KILIAN Rig MURFIN #16
 Location: Sec. 9 Twp. 14s Rge. 20W Co. ELLIS State KS.
 Comment: WAIT ON LOGGERS 1-HR. Release date / time: _____

Interval Tested 3832 TO 3875 Initial Str Wt./Lbs. 50,000 Unseated Str Wt/Lbs. 50,000
 Anchor Length 43' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 62,000
 Top Packer Depth 3827 + 3832 Tool Weight 2,600
 Bottom Packer Depth 3875 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3962 Wt. Pipe Run 0 Drill Collar Run 0
 Mud Wt. 9.2 LCM TR. Vis. 47 WL 8.8 Drill Pipe Size 4 1/2 XH Ft. Run 3821
 Blow Description IF - WEAK SURFACE ISI - DEAD
FF - DEAD FSF - DEAD

Recovery - Total Feet 5 GIP 0 Ft. in DC 0 Ft. in DP 5
 Rec. 5 Feet of D. MUD %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 111 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 5,000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1894</u> PSI	<u>8018</u>	✓
(B) First Initial Flow Pressure		<u>14</u> PSI	(depth) <u>3836</u>	Jars _____
(C) First Final Flow Pressure		<u>15</u> PSI	Recorder No. <u>13308</u>	Safety Jt. _____
(D) Initial Shut-In Pressure		<u>605</u> PSI	(depth) <u>3874</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>15</u> PSI	Recorder No. <u>11084</u>	Sampler _____
(F) Second Final Flow Pressure		<u>16</u> PSI	(depth) <u>3893</u>	Straddle ✓
(G) Final Shut-In Pressure		<u>867</u> PSI	Initial Opening <u>15</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1852</u> PSI	Initial Shut-In <u>15</u>	Shale Packer _____
			Final Flow <u>15</u>	Ruined Packer _____
			Final Shut-In <u>15</u>	Mileage <u>RT-40</u>

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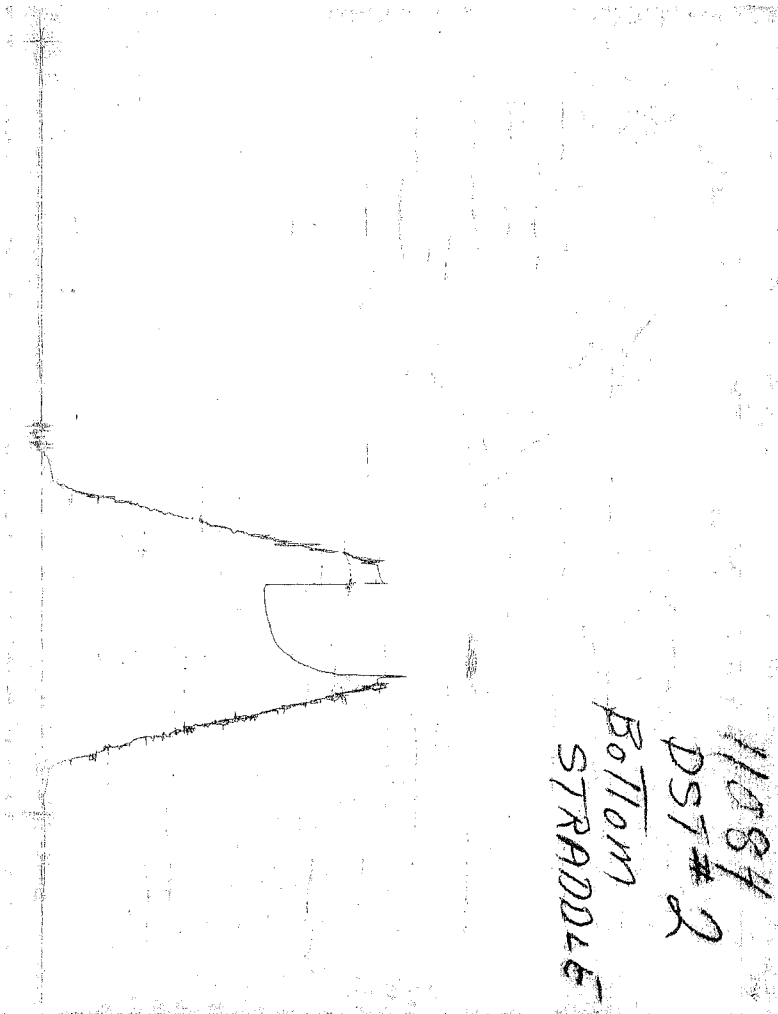
Approved By _____
 Our Representative John J. Schmidt

T-On Location 21:30
 T-Started 23:09
 T-Open 01:04
 T-Pulled 02:07
 T-Out 04:26

Sub Total: _____
 Std. By RECEIVED
 Acc. Chg: DEC 11 2006
 Other: _____
 Total: KCCWICHT

CHART PAGE

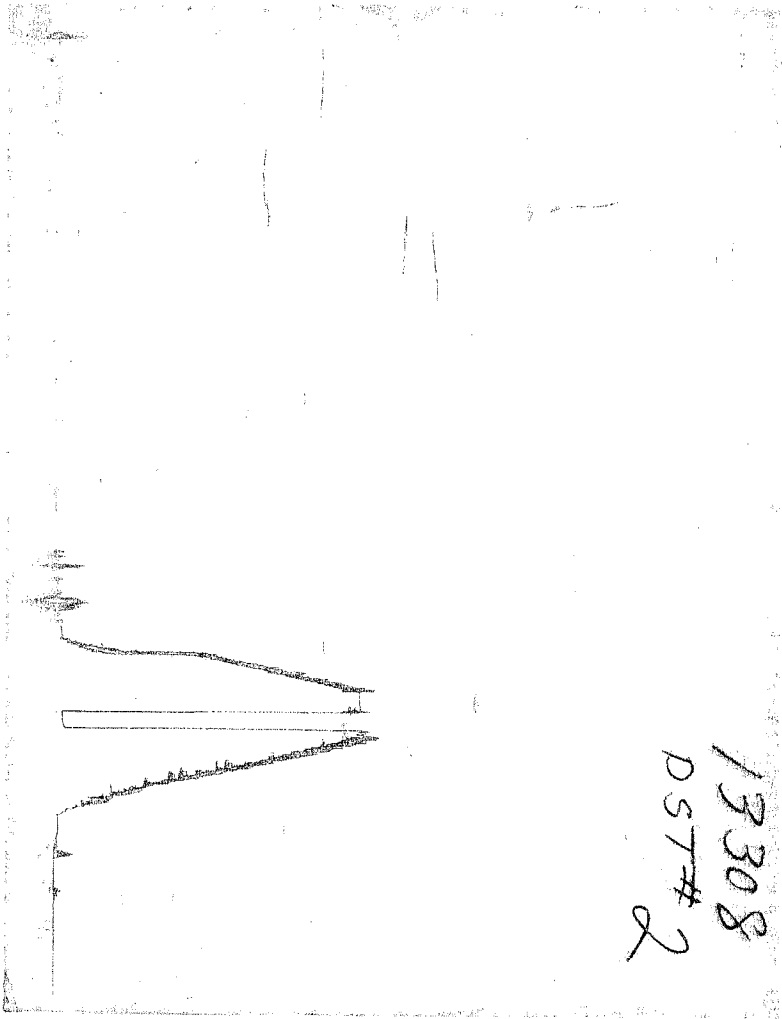
This is a photocopy of the actual AK-1 recorder chart.



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CHART PAGE

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13308
DST# 2

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