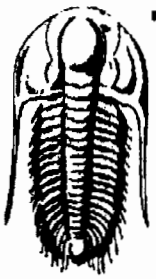
15-051-25298 35-11s-19w



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Tomlinson Operating,LLC**

P.O.Box 9395
Bend, OR 97708

ATTN: Sid Tomlinson

35--11s--19w

Steckline # 1

Start Date: 2004.07.17 @ 17:29:32
End Date: 2004.07.17 @ 23:13:32
Job Ticket #: 19356 DST #: 1

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

DRILL STEM TEST REPORT

Tomlinson Operating,LLC

P.O.Box 9395
Bend, OR 97708

ATTN: Sid Tomlinson

Steckline # 1

35--11s--19w

Job Ticket: 19356 **DST#: 1**

Test Start: 2004.07.17 @ 17:29:32

GENERAL INFORMATION:

Formation: **Topeka**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:15:32
Time Test Ended: 23:13:32

Test Type: Conventional Bottom Hole
Tester: John Schmidt
Unit No: 18

Interval: 3313.00 ft (KB) To 3330.00 ft (KB) (TVD)
Total Depth: 3330.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2135.00 ft (KB)
2130.00 ft (CF)
KB to GR/CF: 5.00 ft

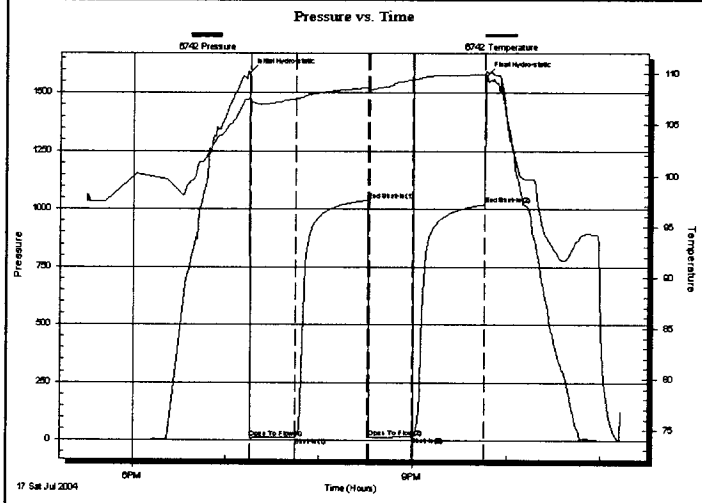
Serial #: 6742 **Inside**

Press@RunDepth: 16.29 psig @ 3314.00 ft (KB)
Start Date: 2004.07.17 End Date: 2004.07.17
Start Time: 17:29:37 End Time: 23:13:31

Capacity: 7000.00 psig
Last Calib.: 2004.07.17
Time On Btm: 2004.07.17 @ 19:15:02
Time Off Btm: 2004.07.17 @ 21:46:32

TEST COMMENT: IF-Weak Surface blow 20 min.-Innermitant 10 min.
FF-Dead

ISI-Dead
FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1587.16	107.61	Initial Hydro-static
1	9.55	107.27	Open To Flow (1)
30	13.51	107.56	Shut-In(1)
76	1039.39	108.63	End Shut-In(1)
77	14.56	108.41	Open To Flow (2)
105	16.29	109.43	Shut-In(2)
151	1021.06	109.94	End Shut-In(2)
152	1574.11	110.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drilling mud with oil spots in tool.	0.14

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tomlinson Operating,LLC

P.O.Box 9395
Bend, OR 97708

ATTN: Sid Tomlinson

Steckline # 1

35--11s--19w

Job Ticket: 19356 **DST#: 1**

Test Start: 2004.07.17 @ 17:29:32

Tool Information

Drill Pipe:	Length:	3309.00 ft	Diameter:	3.80 inches	Volume:	46.42 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:		25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:		44000.00 lb
					Total Volume:	46.42 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		16.00 ft					String Weight:	Initial	36000.00 lb
Depth to Top Packer:		3313.00 ft						Final	36000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		17.00 ft							
Tool Length:		37.00 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			3294.00		
Shut In Tool	5.00			3299.00		
Hydraulic tool	5.00			3304.00		
Packer	4.00			3308.00	20.00	Bottom Of Top Packer
Packer	5.00			3313.00		
Stubb	1.00			3314.00		
Recorder	0.00	6742	Inside	3314.00		
Perforations	13.00			3327.00		
Recorder	0.00	13308	Outside	3327.00		
Bullnose	3.00			3330.00	17.00	Bottom Packers & Anchor
Total Tool Length:	**37.00**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Tomlinson Operating,LLC

P.O.Box 9395
Bend, OR 97708

ATTN: Sid Tomlinson

Steckline # 1

35–11s–19w

Job Ticket: 19356 **DST#: 1**

Test Start: 2004.07.17 @ 17:29:32

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:	9.57 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

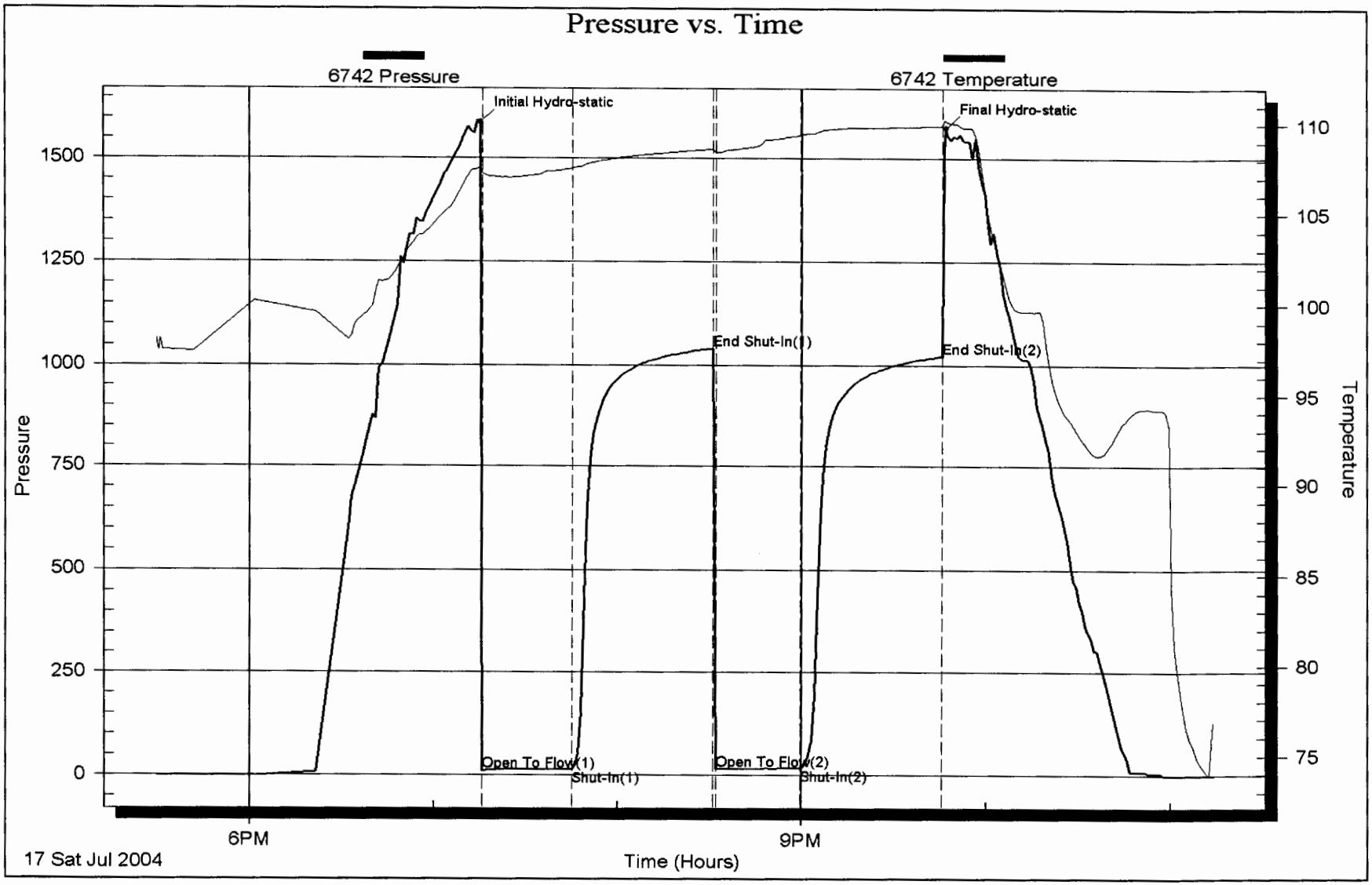
Recovery Information

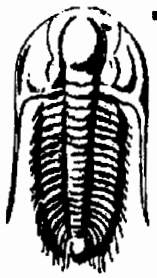
Recovery Table

Length ft	Description	Volume bbl
10.00	Drilling mud with oil spots in tool.	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
6742 Pressure
6742 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
1500
1250
1000
750
500
250
0
110
105
100
95
90
85
80
75
6PM
9PM
17 Sat Jul 2004
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Tomlinson Operating,LLC**

P.O.Box 9395
Bend, OR 97708

ATTN: Sid Tomlinson

35--11s--19w

Steckline # 1

Start Date: 2004.07.18 @ 12:52:30
End Date: 2004.07.18 @ 18:57:30
Job Ticket #: 19357 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

Tomlinson Operating,LLC

P.O.Box 9395
Bend, OR 97708

ATTN: Sid Tomlinson

Steckline # 1

35–11s–19w

Job Ticket: 19357 **DST#: 2**

Test Start: 2004.07.18 @ 12:52:30

GENERAL INFORMATION:

Formation: **L.Kc.-E&F**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:30:30
Time Test Ended: 18:57:30

Test Type: Conventional Bottom Hole
Tester: John Schmidt
Unit No: 18

Interval: 3469.00 ft (KB) To 3486.00 ft (KB) (TVD)
Total Depth: 3486.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

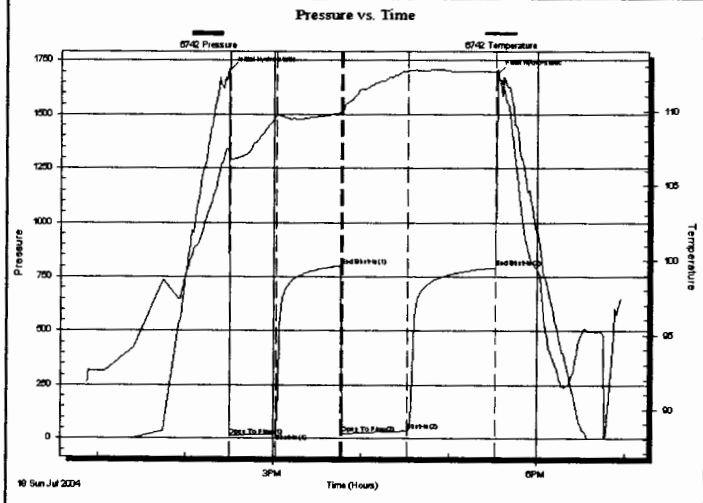
Reference Elevations: 2135.00 ft (KB)
2130.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6742 **Inside**

Press@RunDepth: 35.73 psig @ 3470.00 ft (KB)
Start Date: 2004.07.18 End Date: 2004.07.18
Start Time: 12:52:35 End Time: 18:57:29

Capacity: 7000.00 psig
Last Calib.: 2004.07.18
Time On Btm: 2004.07.18 @ 14:30:00
Time Off Btm: 2004.07.18 @ 17:33:00

TEST COMMENT: IF-Weak built to 2" in. ISI-Dead
FF-Weak built to 1&3/4"in. FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1704.70	107.16	Initial Hydro-static
1	11.76	106.75	Open To Flow (1)
32	21.67	109.71	Shut-In(1)
76	800.87	109.90	End Shut-In(1)
77	22.73	109.96	Open To Flow (2)
122	35.73	112.72	Shut-In(2)
182	792.24	112.67	End Shut-In(2)
183	1687.96	112.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	Muddy Salt Water	0.70

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tomlinson Operating,LLC

P.O.Box 9395
Bend, OR 97708

ATTN: Sid Tomlinson

Steckline # 1

35–11s–19w

Job Ticket: 19357 **DST#: 2**

Test Start: 2004.07.18 @ 12:52:30

Tool Information

Drill Pipe:	Length:	3465.00 ft	Diameter:	3.80 inches	Volume:	48.60 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.70 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	
					Total Volume:	48.60 bbl	

Drill Pipe Above KB:	16.00 ft
Depth to Top Packer:	3469.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	17.00 ft
Tool Length:	37.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2200.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	45000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	36000.00 lb
Final	36000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3450.00		
Shut In Tool	5.00			3455.00		
Hydraulic tool	5.00			3460.00		
Packer	4.00			3464.00	20.00	Bottom Of Top Packer
Packer	5.00			3469.00		
Stubb	1.00			3470.00		
Recorder	0.00	6742	Inside	3470.00		
Perforations	13.00			3483.00		
Recorder	0.00	13308	Outside	3483.00		
Bullnose	3.00			3486.00	17.00	Bottom Packers & Anchor
Total Tool Length:	**37.00**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Tomlinson Operating,LLC

P.O.Box 9395
Bend, OR 97708

ATTN: Sid Tomlinson

Steckline # 1

35–11s–19w

Job Ticket: 19357 **DST#: 2**

Test Start: 2004.07.18 @ 12:52:30

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:	40000 ppm
Viscosity:	45.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.38 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

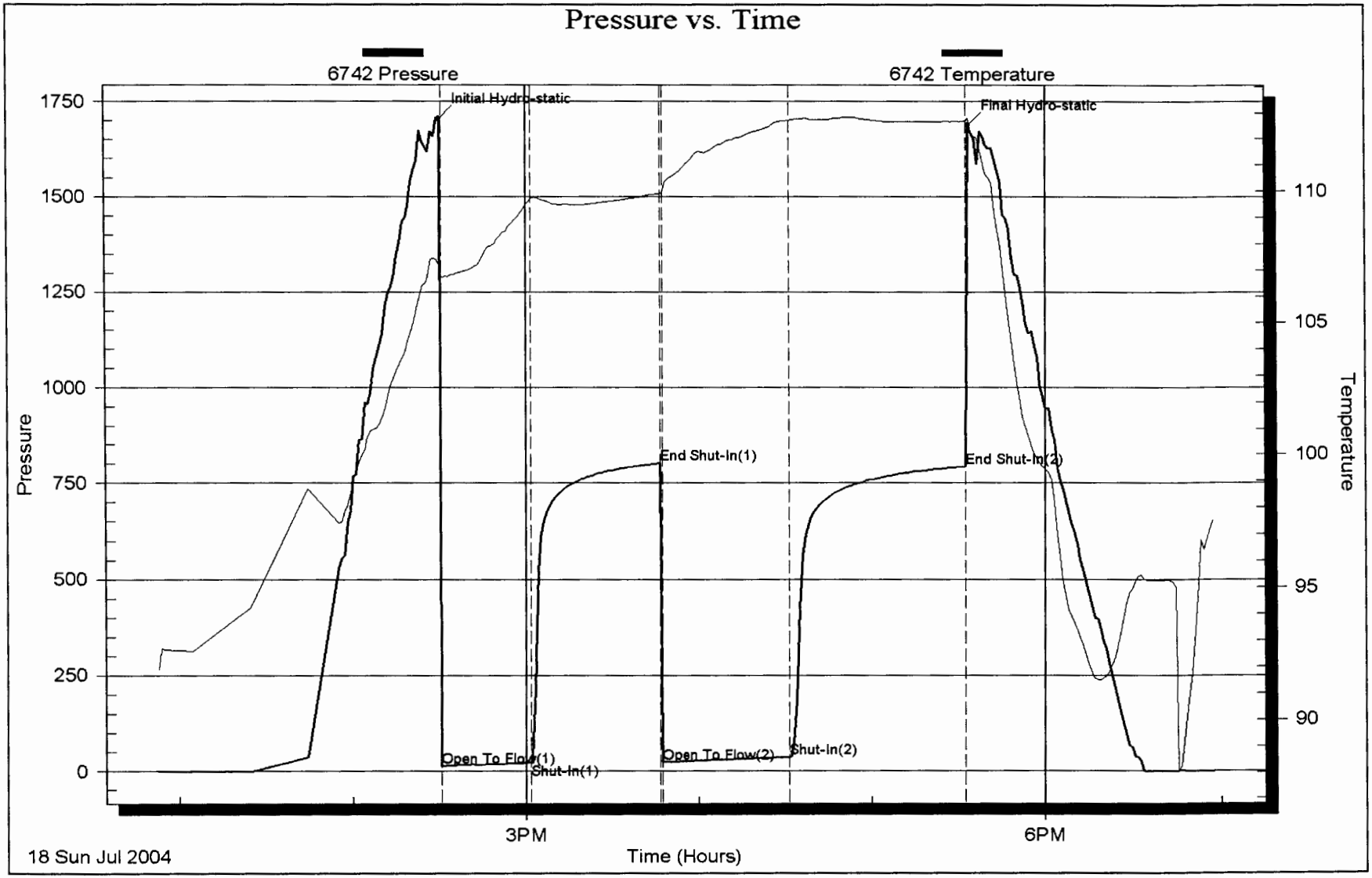
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	Muddy Salt Water	0.701

Total Length: 50.00 ft Total Volume: 0.701 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
6742 Pressure
6742 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
1750
1500
1250
1000
750
500
250
0
110
105
100
95
90
Pressure
Temperature
3PM
6PM
18 Sun Jul 2004
Time (Hours)

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Tomlinson Operating,LLC**

P.O.Box 9395
Bend, OR 97708

ATTN: Sid Tomlinson

35--11s--19w

Steckline # 1

Start Date: 2004.07.19 @ 11:10:02
End Date: 2004.07.19 @ 17:16:32
Job Ticket #: 19358 DST #: 3

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

DRILL STEM TEST REPORT

Tomlinson Operating,LLC

P.O.Box 9395
Bend, OR 97708

ATTN: Sid Tomlinson

Steckline # 1

35–11s–19w

Job Ticket: 19358 **DST#: 3**

Test Start: 2004.07.19 @ 11:10:02

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:42:32
Time Test Ended: 17:16:32

Test Type: Conventional Bottom Hole
Tester: John Schmidt
Unit No: 18

Interval: 3629.00 ft (KB) To 3682.00 ft (KB) (TVD)
Total Depth: 3682.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

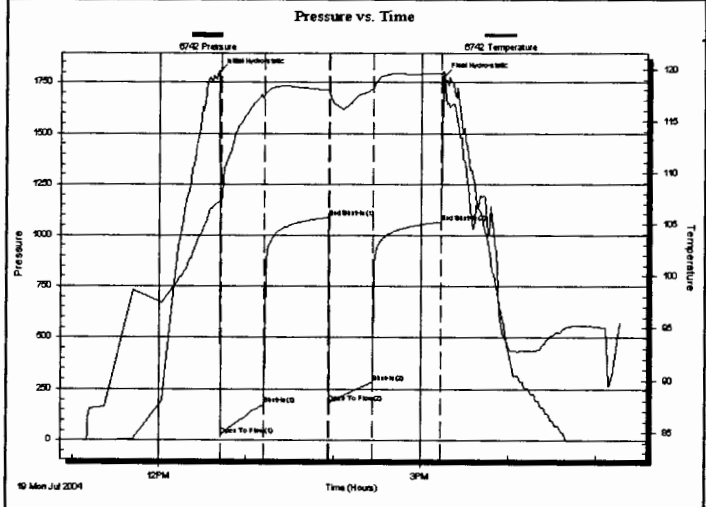
Reference Elevations: 2135.00 ft (KB)
2130.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6742 **Inside**

Press@RunDepth: 283.84 psig @ 3632.00 ft (KB)
Start Date: 2004.07.19 End Date: 2004.07.19
Start Time: 11:10:07 End Time: 17:16:31

Capacity: 7000.00 psig
Last Calib.: 2004.07.19
Time On Btm: 2004.07.19 @ 12:41:32
Time Off Btm: 2004.07.19 @ 15:15:02

TEST COMMENT: IF-Strong B.O.B. in 7 min. ISI-Dead
FF-Strong B.O.B.in 9 min. FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1800.20	107.20	Initial Hydro-static
1	25.22	106.95	Open To Flow (1)
31	174.72	117.63	Shut-In(1)
75	1086.65	118.00	End Shut-In(1)
76	185.59	117.66	Open To Flow (2)
105	283.84	118.09	Shut-In(2)
152	1065.04	119.56	End Shut-In(2)
154	1778.17	119.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	GMCO-10%G-35%M-55%O	1.40
400.00	Clean oil	5.61
120.00	MCO-35%m-65%oil	1.68

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tomlinson Operating,LLC

P.O.Box 9395
Bend, OR 97708

ATTN: Sid Tomlinson

Steckline # 1

35–11s–19w

Job Ticket: 19358 **DST#: 3**

Test Start: 2004.07.19 @ 11:10:02

Tool Information

Drill Pipe:	Length:	3622.00 ft	Diameter:	3.80 inches	Volume:	50.81 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:		25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:		46000.00 lb
					Total Volume:	50.81 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		13.00 ft					String Weight:	Initial	38000.00 lb
Depth to Top Packer:		3629.00 ft						Final	40000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		53.00 ft							
Tool Length:		73.00 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			3610.00		
Shut In Tool	5.00			3615.00		
Hydraulic tool	5.00			3620.00		
Packer	4.00			3624.00	20.00	Bottom Of Top Packer
Packer	5.00			3629.00		
Stubb	1.00			3630.00		
Perforations	1.00			3631.00		
Change Over Sub	1.00			3632.00		
Recorder	0.00	6742	Inside	3632.00		
Blank Spacing	31.00			3663.00		
Change Over Sub	1.00			3664.00		
Recorder	0.00	11084	Outside	3664.00		
Perforations	15.00			3679.00		
Bullnose	3.00			3682.00	53.00	Bottom Packers & Anchor
Total Tool Length:	**73.00**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Tomlinson Operating,LLC

P.O.Box 9395
Bend, OR 97708

ATTN: Sid Tomlinson

Steckline # 1

35–11s–19w

Job Ticket: 19358 **DST#: 3**

Test Start: 2004.07.19 @ 11:10:02

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	25 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	45.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.57 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

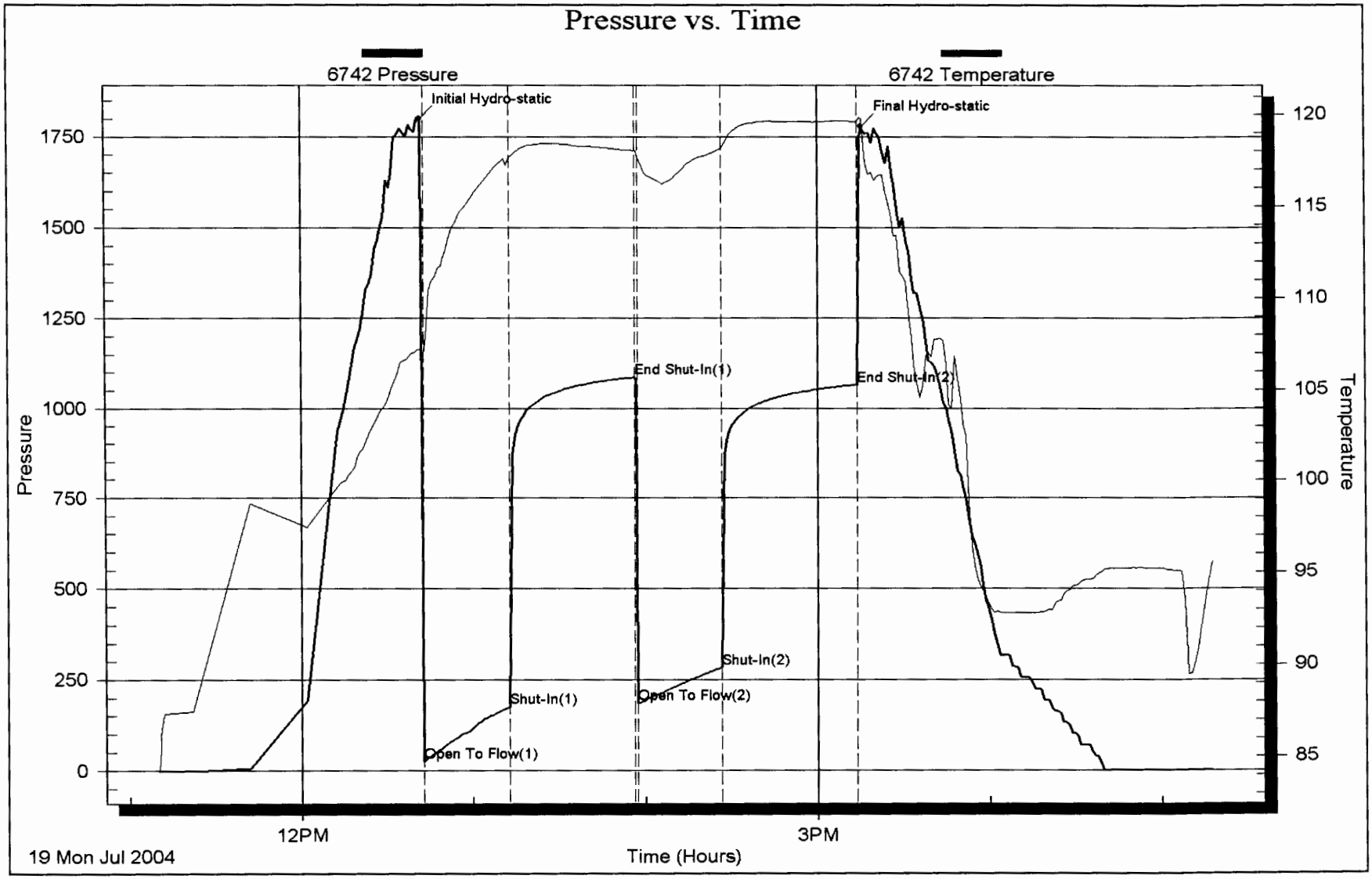
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	GMCO-10%G-35%M-55%O	1.403
400.00	Clean oil	5.611
120.00	MCO-35%m-65%oil	1.683

Total Length: 620.00 ft Total Volume: 8.697 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
6742 Pressure
6742 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure
Temperature
1750
1500
1250
1000
750
500
250
0
120
115
110
105
100
95
90
85
12PM
3PM
19 Mon Jul 2004
Time (Hours)

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

DW 6606

№ 19356

05/03

Test Ticket

Well Name & No. STECKLINE #1 Test No. #1 Date 7-17-04

Company TOMLINSON OPERATING, LLC Zone Tested TOPEKA

Address P.O. Box 9395 BEND, OR. 97708 Elevation 2135 KB 2130 GL

Co. Rep / Geo. TIM PIERCE Cont. L. D. Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 35 Twp. 11S Rge. 19W Co. ELLIS State KS

No. of Copies _____ Disbtribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3313 To 3330 Initial Str Wt./Lbs. 36,000 Unseated Str Wt/Lbs. 36,000

Anchor Length 17' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 44,000

Top Packer Depth 3308 Tool Weight 2200

Bottom Packer Depth 3313 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 3330 Wt. Pipe Run 0 Drill Collar Run 0

Mud Wt. 9.0 LCM TR. Vis. 45 WL 9.6 Drill Pipe Size 4½ XH Ft. Run 3309

Blow Description IF- WEAK SURFACE BLOW 20 MIN INTERMITTENT 10-MIN
ISI- DEAD FF- DEAD FSI- DEAD

Recovery - Total Feet 10' GIP 0 Ft. in DC 0 Ft. in DP 10'

Rec. 10	Feet of DRILL MUD (W)	%gas	%oil	%water	%mud
Rec.	Feet of FEW OIL SPOTS	%gas	%oil	%water	%mud
Rec.	Feet of IN TOOL	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud

BHT 109 °F Gravity — °API D @ — °F Corrected Gravity — °API

RW — @ — °F Chlorides — ppm Recovery — Chlorides 3,400 ppm System

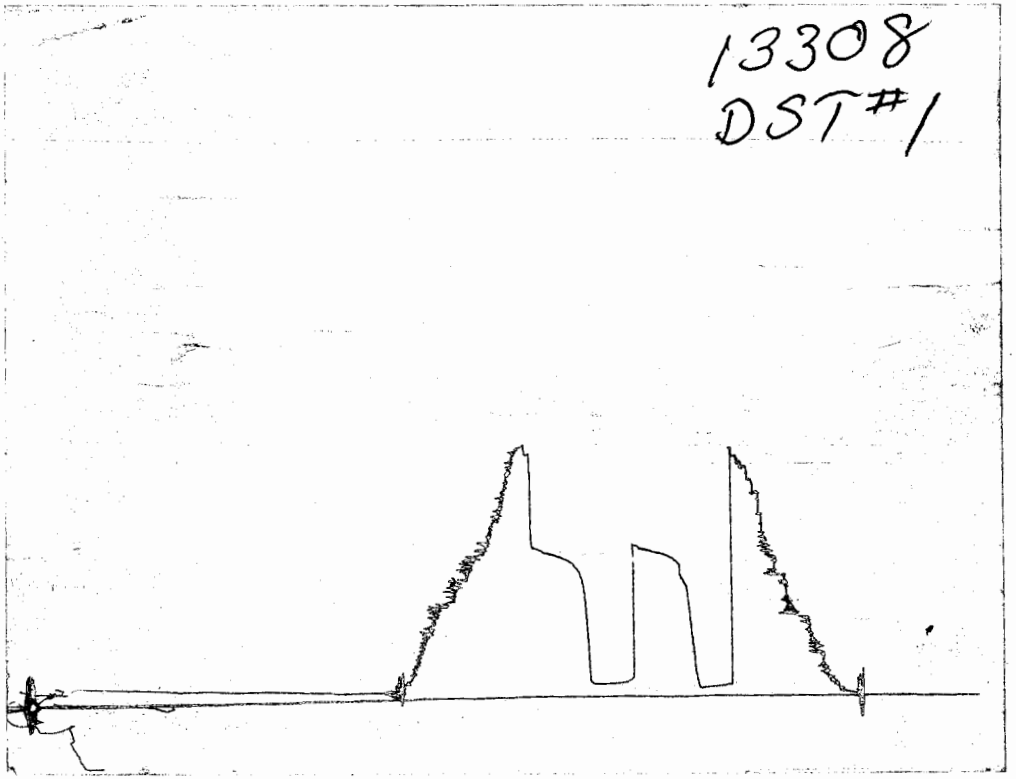
	AK-1	Alpine					
(A) Initital Hydrostatic Mud		1587 PSI	Recorder No.	6742	Test	B. HOLE	
(B) First Initial Flow Pressure		9 PSI	(depth)	3314	Elec. Rec.	✓	
(C) First Final Flow Pressure		13 PSI	Recorder No.	13308	Jars		
(D) Initial Shut-In Pressure		1039 PSI	(depth)	3327	Safety Jt.		
(E) Second Initial Flow Pressure		14 PSI	Recorder No.		Circ Sub		
(F) Second Final Flow Pressure		16 PSI	(depth)		Sampler		
(G) Final Shut-In Pressure		1021 PSI	**Initial Opening**	30	Straddle		
(Q) Final Hydrostatic Mud		1574 PSI	Initial Shut-In	45	Ext. Packer		
			Final Flow	30	Shale Packer		
			Final Shut-In	45	Mileage	16	
			T-On Location	16:30	Sub Total:	927.20	
			T-Started	17:29	Std. By		
			T-Open	19:15	Other		
			T-Pulled	21:46	Total:		
			T-Out	23:13			

Approved By Tim Pierce

Our Representative John J. Schmeltz

CHART PAGE

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



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

05/03

No. 19357

Test Ticket

Well Name & No. STECKLINE #1 Test No. #2 Date 7-18-04

Company TOMLINSON OPERATING, LLC Zone Tested L, Kc, E+F

Address _____ Elevation 2135 KB 2130 GL

Co. Rep / Geo. TIM PIERCE Cont. L-D Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 35 Twp. 11 S Rge. 19 W Co. ELLIS State KS

No. of Copies _____ Disbtribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3469 To 3486 Initial Str Wt./Lbs. 36,000 Unseated Str Wt/Lbs. 36,000

Anchor Length 17' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 36,000

Top Packer Depth 3464 Tool Weight 2200

Bottom Packer Depth 3469 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 3486 Wt. Pipe Run 0 Drill Collar Run 0

Mud Wt. 9.3 LCM TR. Vis. 45 WL 10.4 Drill Pipe Size 4½ XH Ft. Run 3465

Blow Description IF- WEAK BUILT TO 2" in. - ISI - DEAD

FF- WEAK BUILT TO 1¾" IN. FSI - DEAD

Recovery - Total Feet 50 GIP 0 Ft. in DC 0 Ft. in DP 50

Rec. 50	Feet of MUDDY SALT 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 112 °F Gravity — °API D @ — °F Corrected Gravity — °API

RW .12 @ 110 °F Chlorides 40,000 ppm Recovery — Chlorides 4,600 ppm System

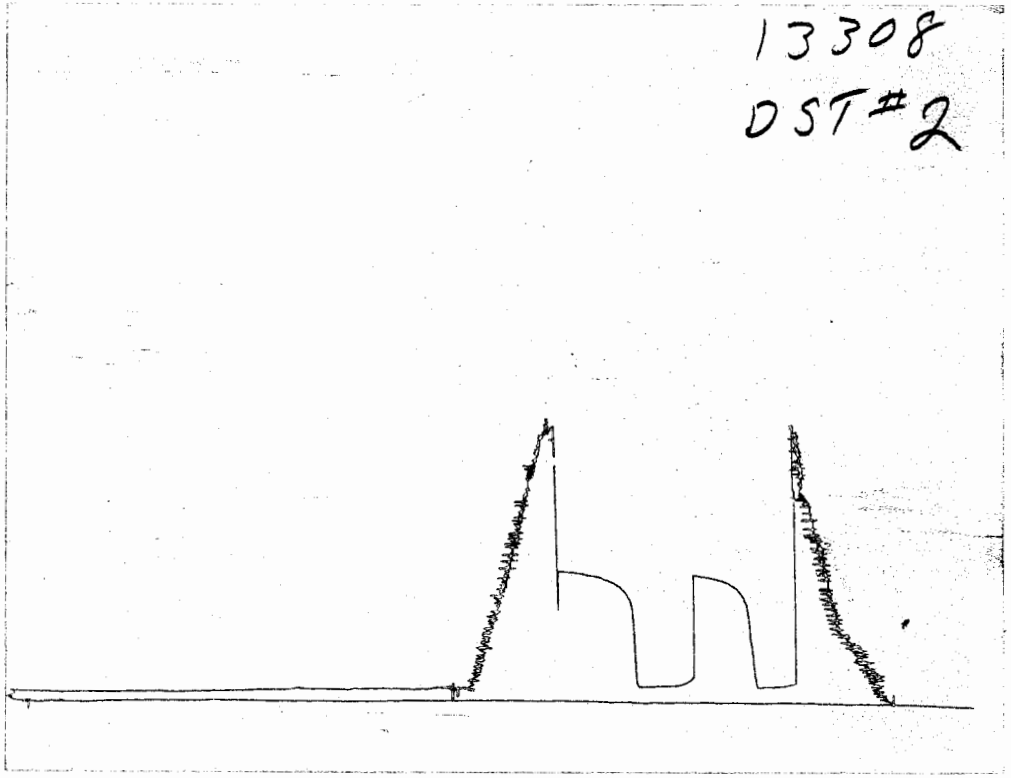
	AK-1	Alpine					
(A) Initial Hydrostatic Mud		1704 PSI	Recorder No.	6742	Test	B, HOLE	
(B) First Initial Flow Pressure		11 PSI	(depth)	3470	Elec. Rec.	✓	
(C) First Final Flow Pressure		21 PSI	Recorder No.	13308	Jars		
(D) Initial Shut-In Pressure		800 PSI	(depth)	3483	Safety Jt.		
(E) Second Initial Flow Pressure		22 PSI	Recorder No.		Circ Sub		
(F) Second Final Flow Pressure		35 PSI	(depth)		Sampler		
(G) Final Shut-In Pressure		792 PSI	**Initial Opening**	30	Straddle		
(Q) Final Hydrostatic Mud		1687 PSI	Initial Shut-In	45	Ext. Packer		
			Final Flow	45	Shale Packer		
			Final Shut-In	60	Mileage	16	
			T-On Location	12:30	Sub Total:		
			T-Started	12:52	Std. By	927.20	
			T-Open	14:36	Other		
			T-Pulled	17:33	Total:		
			T-Out	18:57			

Approved By Tim Pierce

Our Representative John F. Schmidt

CHART PAGE

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



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

05/03

№ 19358

Test Ticket

Well Name & No. STECKLINE # 1 Test No. #3 Date 7-19-04

Company TOMLINSON OPERATIONS, LLC Zone Tested ARBUCKLE

Address _____ Elevation 2135 KB 2130 GL

Co. Rep / Geo. TIM PIERCE Cont. L-D Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 35 Twp. 11S Rge. 19W Co. ELLIS State KS

No. of Copies _____ Disbtribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3629 To 3682 Initial Str Wt./Lbs. 38,000 Unseated Str Wt/Lbs. 40,000

Anchor Length 53' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 46,000

Top Packer Depth 3624 Tool Weight 2200

Bottom Packer Depth 3629 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 3682 Wt. Pipe Run 0 Drill Collar Run 0

Mud Wt. 9.2 LCM 1# Vis. 45 WL 9.6 Drill Pipe Size 4½ XH Ft. Run 3622

Blow Description IF, STRONG B.O.B. 7-min. ISI- DEAD

FF- STRONG B.O.B. 9-min. FSI- DEAD

Recovery - Total Feet 620 GIP — Ft. in DC 0 Ft. in DP 620

Rec. 100	Feet of GMCO	10 %gas	55 %oil	%water	35 %mud	
Rec. 400	Feet of CLEAN OIL	%gas	%oil	%water	%mud	
Rec. 120'	Feet of MCO	%gas	65 %oil	%water	35 %mud	
Rec.	Feet of	%gas	%oil	%water	%mud	
Rec.	Feet of	%gas	%oil	%water	%mud	

BHT 119 °F Gravity 28 °API D @ 90 °F Corrected Gravity 25 °API

RW — @ — °F Chlorides — ppm Recovery — Chlorides — ppm System

	AK-1	Alpine				
(A) Initital Hydrostatic Mud		1800 PSI	Recorder No.	6742	Test	B. HOLE
(B) First Initial Flow Pressure		25 PSI	(depth)	3632	Elec. Rec.	✓
(C) First Final Flow Pressure		174 PSI	Recorder No.	11084	Jars	
(D) Initial Shut-In Pressure		1086 PSI	(depth)	3664	Safety Jt.	
(E) Second Initial Flow Pressure		185 PSI	Recorder No.		Circ Sub	
(F) Second Final Flow Pressure		283 PSI	(depth)		Sampler	
(G) Final Shut-In Pressure		1065 PSI	**Initial Opening**	30	Straddle	
(Q) Final Hydrostatic Mud		1778 PSI	Initial Shut-In	45	Ext. Packer	
			Final Flow	30	Shale Packer	
			Final Shut-In	45	Mileage	16
			T-On Location	10:45	Sub Total:	997.20
			T-Started	11:10	Std. By	
			T-Open	12:42	Other	
			T-Pulled	15:15	Total:	
			T-Out	17:16		

Approved By Tim Pierce

Our Representative John J. Schmidt

CHART PAGE

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