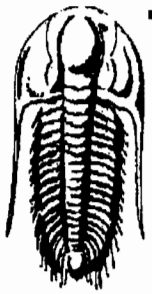
ORIGINAL



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Larson Operating Company**

562 W. Hwy 4
Olmitz KS. 67564-8561

ATTN: Tom Larson

19-18S-26W Ness

McLeish #1-19

Start Date: 2005.04.11 @ 16:43:05

End Date: 2005.04.11 @ 20:48:20

Job Ticket #: 21533 DST #: 1

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Larson Operating Company

562 W. Hwy 4
Olmitz KS. 67564-8561

ATTN: Tom Larson

McLeish #1-19

19-18S-26W Ness

Job Ticket: 21533 **DST#: 1**

Test Start: 2005.04.11 @ 16:43:05

GENERAL INFORMATION:

Formation: **Altamont/Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:13:00
Time Test Ended: 20:48:20

Test Type: Conventional Bottom Hole
Tester: Rod Steinbrink
Unit No: 22

Interval: 4432.00 ft (KB) To 4467.00 ft (KB) (TVD)
Total Depth: 4467.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

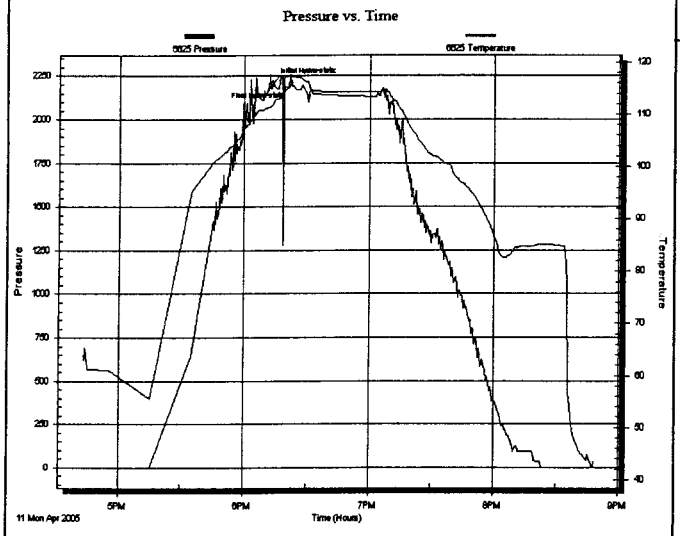
Reference Elevations: 2658.00 ft (KB)
2650.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6625 **Inside**

Press@RunDepth: psig @ 4433.00 ft (KB)
Start Date: 2005.04.11 End Date: 2005.04.11
Start Time: 16:43:08 End Time: 20:48:20

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2005.04.11 @ 18:13:50
Time Off Btm: 2005.04.11 @ 18:22:50

TEST COMMENT: IF; Pkr seat failed tried to reset w/ No help - TOH to change anchor



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2213.87	112.01	Initial Hydro-static
9	2208.46	117.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
235.00	Drlg. Mud	1.63

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Larson Operating Company

562 W. Hwy 4
Olmitz KS. 67564-8561

ATTN: Tom Larson

McLeish #1-19

19-18S-26W Ness

Job Ticket: 21533 **DST#: 1**

Test Start: 2005.04.11 @ 16:43:05

Tool Information

Drill Pipe:	Length:	4243.00 ft	Diameter:	3.80 inches	Volume:	59.52 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:	25000.00 lb
Drill Collar:	Length:	183.00 ft	Diameter:	2.25 inches	Volume:	0.90 bbl	Weight to Pull Loose:	60000.00 lb
					Total Volume:	60.42 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		13.00 ft					String Weight: Initial	50000.00 lb
Depth to Top Packer:		4432.00 ft					Final	54000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		35.00 ft						
Tool Length:		54.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			4418.00		
Hydraulic tool	5.00			4423.00		
Packer	5.00			4428.00	19.00	Bottom Of Top Packer
Packer	4.00			4432.00		
Stubb	1.00			4433.00		
Recorder	0.00	6625	Inside	4433.00		
Perforations	29.00			4462.00		
Recorder	0.00	13309	Outside	4462.00		
Bullnose	5.00			4467.00	35.00	Bottom Packers & Anchor
Total Tool Length:	**54.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Larson Operating Company

562 W. Hwy 4
Olmitz KS. 67564-8561

ATTN: Tom Larson

McLeish #1-19

19-18S-26W Ness

Job Ticket: 21533 **DST#: 1**

Test Start: 2005.04.11 @ 16:43:05

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	44.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.99 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1700.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
235.00	Drlg. Mud	1.629

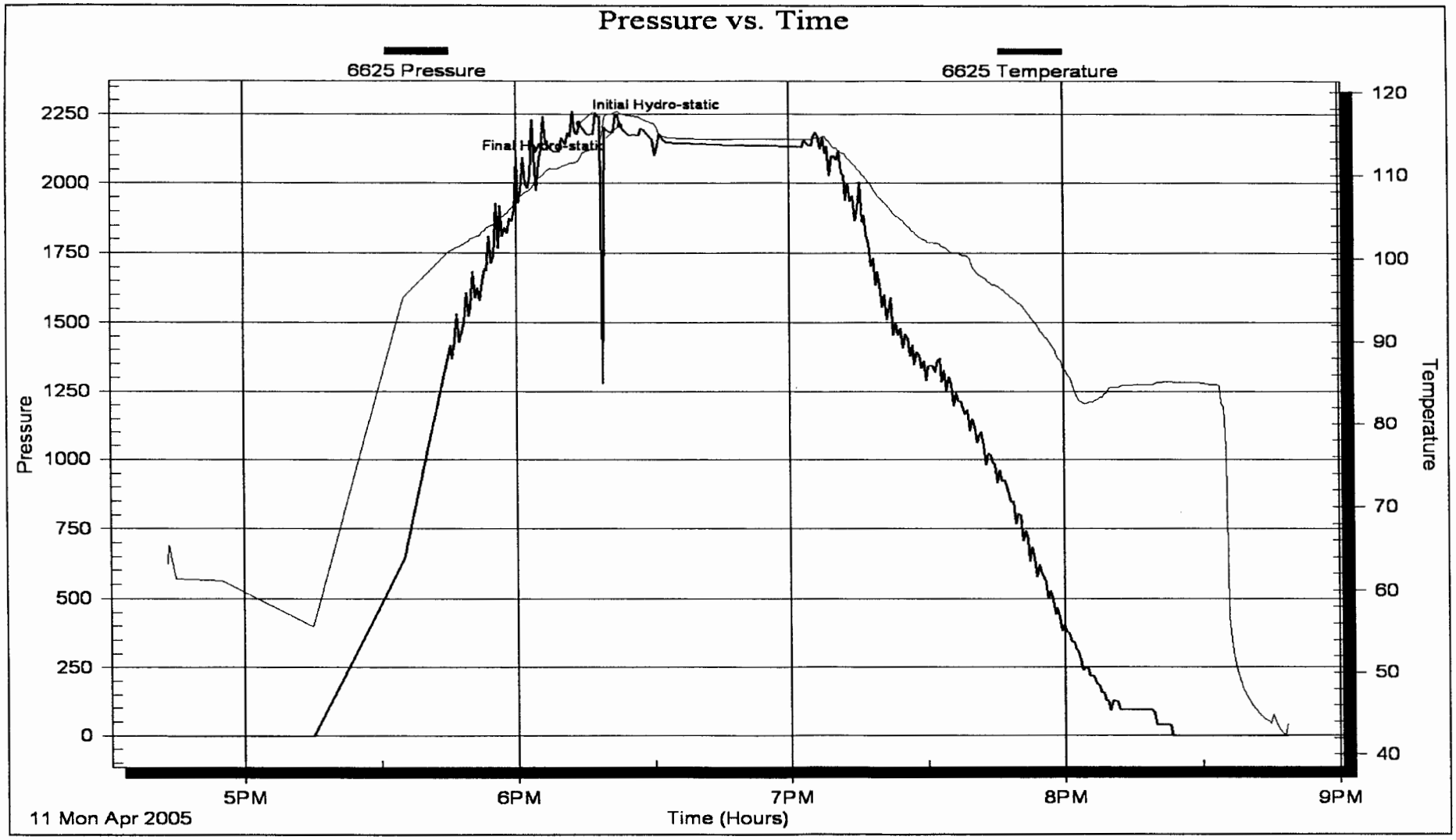
Total Length: 235.00 ft Total Volume: 1.629 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 6625 Inside Larson Operating Company 19-18S-26W Ness DST Test Number: 1



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Larson Operating Company**

562 W. Hwy 4
Olmitz KS. 67564-8561

ATTN: Tom Larson

19-18S-26W Ness

McLeish #1-19

Start Date: 2005.04.11 @ 21:13:50
End Date: 2005.04.12 @ 02:57:50
Job Ticket #: 21534 DST #: 2

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Larson Operating Company

562 W. Hwy 4
Olmitz KS. 67564-8561

ATTN: Tom Larson

McLeish #1-19

19-18S-26W Ness

Job Ticket: 21534 **DST#: 2**

Test Start: 2005.04.11 @ 21:13:50

GENERAL INFORMATION:

Formation: **Altamont/Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:35:35
Time Test Ended: 02:57:50

Test Type: Conventional Bottom Hole
Tester: Rod Steinbrink
Unit No: 22

Interval: 4436.00 ft (KB) To 4467.00 ft (KB) (TVD)
Total Depth: 4467.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

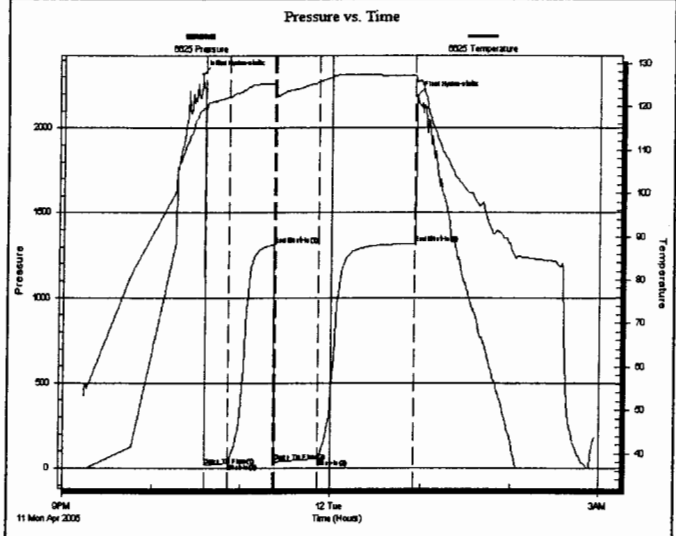
Reference Elevations: 2658.00 ft (KB)
2650.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6625 **Inside**

Press@RunDepth: 54.36 psig @ 4437.00 ft (KB)
Start Date: 2005.04.11 End Date: 2005.04.12
Start Time: 21:13:53 End Time: 02:57:50

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2005.04.11 @ 22:33:20
Time Off Btm: 2005.04.12 @ 00:56:35

TEST COMMENT: IF; fair to strong blow off bttm in 7 mins
ISI; Weaksurface return f/20 mins
FF; Strong blow off bttm in 3 mins
FSI; Weak steady surface blow thru



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2314.99	119.24	Initial Hydro-static
3	15.12	119.00	Open To Flow (1)
18	29.01	122.23	Shut-In(1)
49	1311.57	125.31	End Shut-In(1)
50	36.17	123.63	Open To Flow (2)
79	54.36	125.83	Shut-In(2)
142	1318.81	127.09	End Shut-In(2)
144	2185.95	125.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	CGO 10%g 90%o	0.20
	960 GIP	

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Larson Operating Company

562 W. Hwy 4
Olmitz KS. 67564-8561

ATTN: Tom Larson

McLeish #1-19

19-18S-26W Ness

Job Ticket: 21534 **DST#: 2**

Test Start: 2005.04.11 @ 21:13:50

Tool Information

Drill Pipe:	Length:	4245.00 ft	Diameter:	3.80 inches	Volume:	59.55 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:	25000.00 lb
Drill Collar:	Length:	183.00 ft	Diameter:	2.25 inches	Volume:	0.90 bbl	Weight to Pull Loose:	70000.00 lb
					Total Volume:	60.45 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		11.00 ft					String Weight: Initial	50000.00 lb
Depth to Top Packer:		4436.00 ft					Final	54000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		31.00 ft						
Tool Length:		50.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			4422.00		
Hydraulic tool	5.00			4427.00		
Packer	5.00			4432.00	19.00	Bottom Of Top Packer
Packer	4.00			4436.00		
Stubb	1.00			4437.00		
Recorder	0.00	6625	Inside	4437.00		
Perforations	25.00			4462.00		
Recorder	0.00	13309	Outside	4462.00		
Bullnose	5.00			4467.00	31.00	Bottom Packers & Anchor
Total Tool Length:	**50.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Larson Operating Company

562 W. Hwy 4
Olmitz KS. 67564-8561

ATTN: Tom Larson

McLeish #1-19

19-18S-26W Ness

Job Ticket: 21534 **DST#: 2**

Test Start: 2005.04.11 @ 21:13:50

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	40 deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	44.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.99 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1700.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

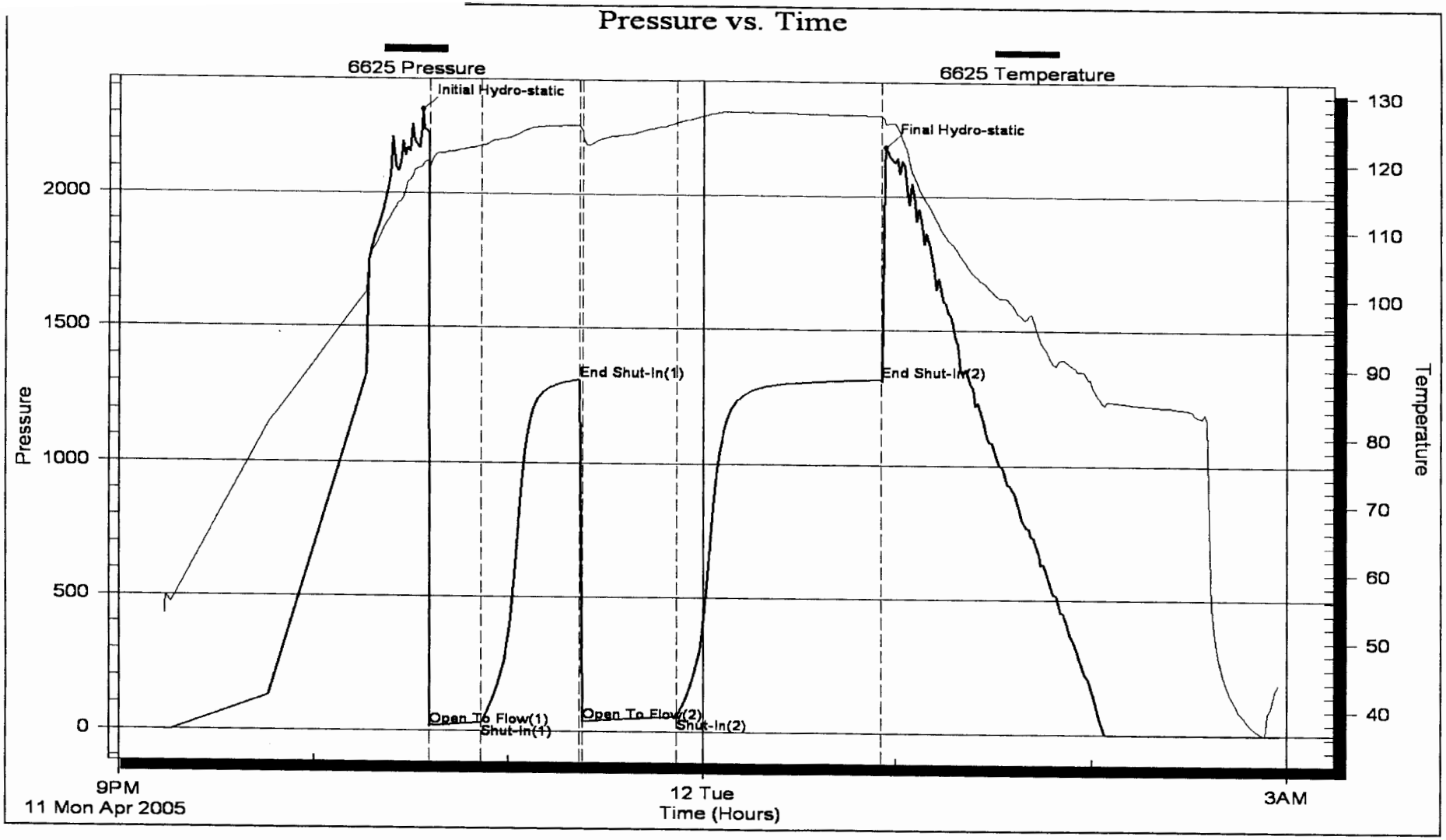
Length ft	Description	Volume bbl
40.00	CGO 10%g 90%o	0.197
	960 GIP	

Total Length: ft Total Volume: 0.590 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6625 Pressure
6625 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
2000
1500
1000
500
0
130
120
110
100
90
80
70
60
50
40
9PM
11 Mon Apr 2005
12 Tue
Time (Hours)
3AM

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Larson Operating Company**

562 W. Hwy 4
Olmitz KS. 67564-8561

ATTN: Tom Larson

19-18S-26W Ness

McLeish #1-19

Start Date: 2005.04.12 @ 23:05:41

End Date: 2005.04.13 @ 06:05:11

Job Ticket #: 21536 DST #: 3

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Larson Operating Company

562 W. Hwy 4
Olmitz KS. 67564-8561

ATTN: Tom Larson

McLeish #1-19

19-18S-26W Ness

Job Ticket: 21536 **DST#: 3**

Test Start: 2005.04.12 @ 23:05:41

GENERAL INFORMATION:

Formation: **Mississippian**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:34:26
Time Test Ended: 06:05:11

Test Type: Conventional Bottom Hole
Tester: Rod Steinbrink
Unit No: 22

Interval: 4603.00 ft (KB) To 4627.00 ft (KB) (TVD)
Total Depth: 4627.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

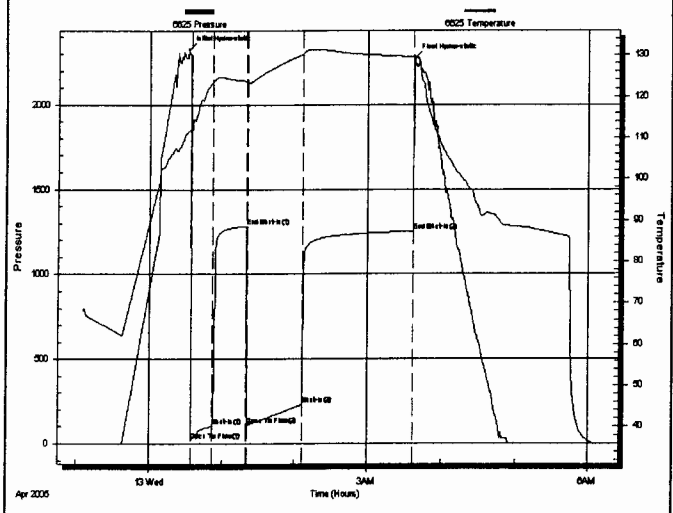
Reference Elevations: 2658.00 ft (KB)
2650.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6625 **Inside**

Press@RunDepth: 231.09 psig @ 4604.00 ft (KB)
Start Date: 2005.04.12 End Date: 2005.04.13
Start Time: 23:05:44 End Time: 06:05:11

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2005.04.13 @ 00:32:11
Time Off Btm: 2005.04.13 @ 03:38:11

TEST COMMENT: IF; Weak to fair off bttm in 13 mins
ISI; Surface return built to 2"
FF; Fair to strong off bttm in 8 mins
FSI; Surface to bttm in 26 mins



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2325.21	111.72	Initial Hydro-static
3	18.70	111.33	Open To Flow (1)
20	105.12	123.72	Shut-In(1)
49	1281.89	123.72	End Shut-In(1)
49	110.01	123.32	Open To Flow (2)
95	231.09	130.18	Shut-In(2)
185	1251.09	129.61	End Shut-In(2)
186	2268.02	129.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
250.00	GOCM 50%g 10%o 40%m	1.84
360.00	CGO 20%g 80%o	5.05
	360 GIP	

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Larson Operating Company

562 W. Hwy 4
Olmitz KS. 67564-8561

ATTN: Tom Larson

McLeish #1-19

19-18S-26W Ness

Job Ticket: 21536 **DST#: 3**

Test Start: 2005.04.12 @ 23:05:41

Tool Information

Drill Pipe:	Length:	4430.00 ft	Diameter:	3.80 inches	Volume:	62.14 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	183.00 ft	Diameter:	2.25 inches	Volume:	0.90 bbl	
					Total Volume:	63.04 bbl	

Drill Pipe Above KB:	29.00 ft
Depth to Top Packer:	4603.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	24.00 ft
Tool Length:	43.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2000.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	65000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	55000.00 lb
Final	59000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			4589.00		
Hydraulic tool	5.00			4594.00		
Packer	5.00			4599.00	19.00	Bottom Of Top Packer
Packer	4.00			4603.00		
Stubb	1.00			4604.00		
Recorder	0.00	6625	Inside	4604.00		
Perforations	18.00			4622.00		
Recorder	0.00	13309	Outside	4622.00		
Bullnose	5.00			4627.00	24.00	Bottom Packers & Anchor
Total Tool Length:	**43.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Larson Operating Company

562 W. Hwy 4
Olmitz KS. 67564-8561

ATTN: Tom Larson

McLeish #1-19

19-18S-26W Ness

Job Ticket: 21536 **DST#: 3**

Test Start: 2005.04.12 @ 23:05:41

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	35 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	47.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.78 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2700.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

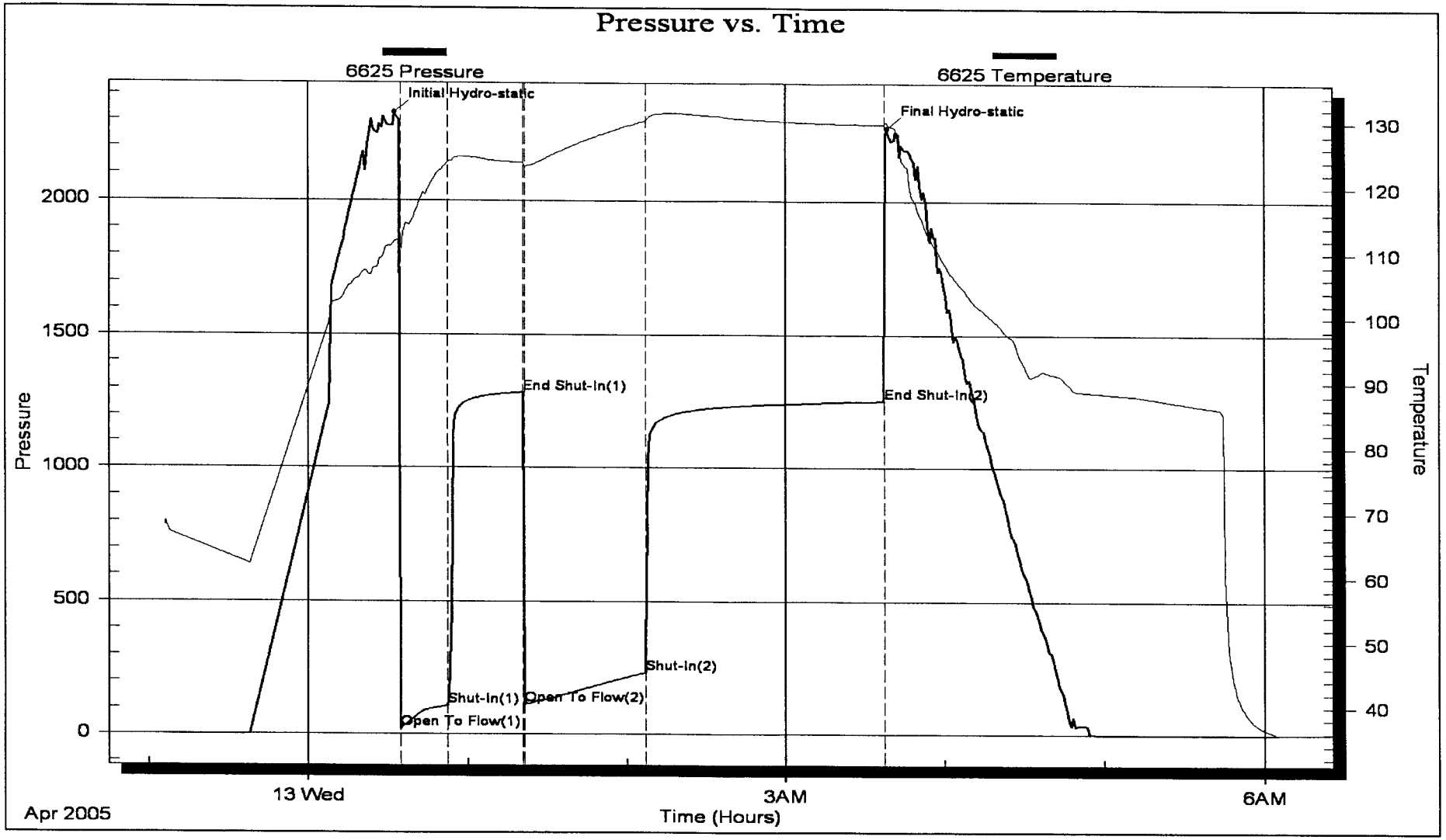
Length ft	Description	Volume bbl
250.00	GOCM 50%g 10%o 40%m	1.840
360.00	CGO 20%g 80%o	5.050
	360 GIP	

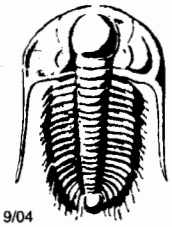
Total Length: -999389.00 ft Total Volume: 6.890 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6625 Pressure
6625 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Open To Flow(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
2000
1500
1000
500
0
130
120
110
100
90
80
70
60
50
40
13 Wed
3AM
6AM
Apr 2005
Time (Hours)



9/04

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

№ 21534

Test Ticket

Well Name & No. McLeish #1-19 Test No. 1 Date 4-11-05

Company Larson Operating Company Zone Tested Altamont - Marm.

Address 562 W Hwy 4 Olmitz, KS. 67564-8561 Elevation 2658 KB 2650 GL

Co. Rep / Geo. Tom Larson Cont. Southwind #1 Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 19 Twp. 18S Rge. 26W Co. Ness State KS.

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

Interval Tested 4432 - 4467 Initial Str Wt./Lbs. 50,000 Unseated Str Wt/Lbs. 54,000

Anchor Length 35' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 60,000

Top Packer Depth 4427 Tool Weight 2,000

Bottom Packer Depth 4432 Hole Size 7 7/8" Rubber Size 6 3/4"

Total Depth 4467 Wt. Pipe Run — Drill Collar Run 183'

Mud Wt. 9.5 LCM — Vis. 44 WL 8.0 Drill Pipe Size 4½" XH Ft. Run 4243'

Blow Description

IF: PKr. seat failed tried to reset w/ No help - TOH to change anchor.

Recovery - Total Feet 235' GIP — Ft. in DC 183' Ft. in DP 52'

Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec. 235'	Feet of Drlg. Mud	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud

BHT 117° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 1,700 ppm System

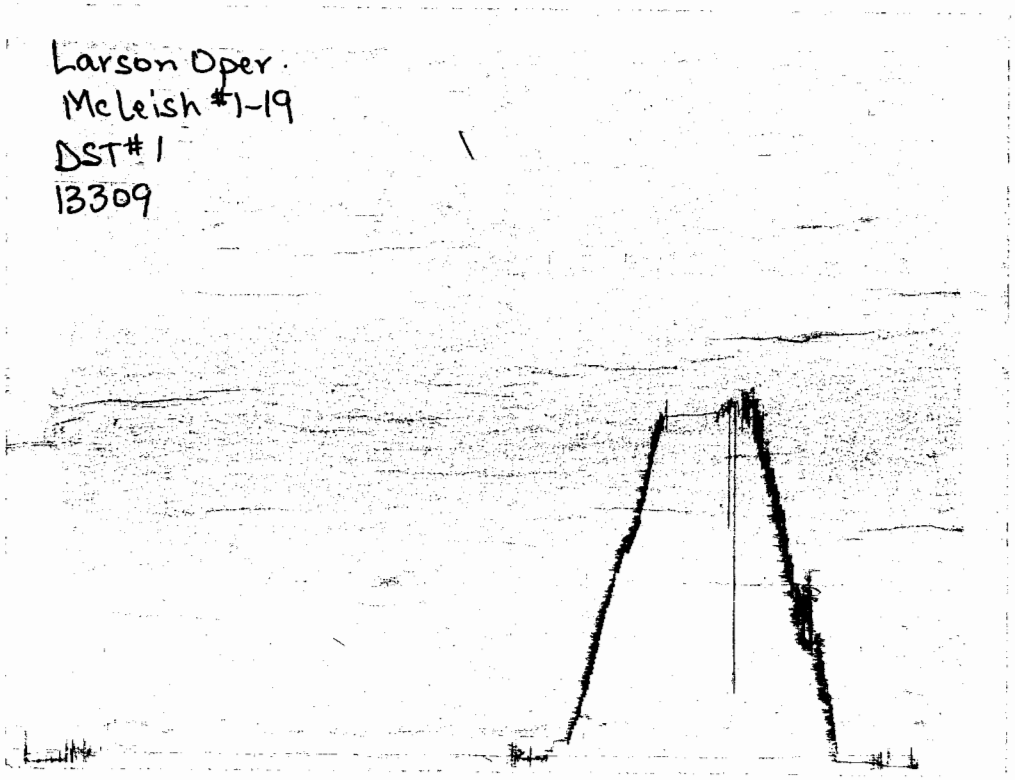
	AK-1	Alpine				
(A) Initital Hydrostatic Mud		2213 PSI	Recorder No.	6625	Test Misrun 900
(B) First Initial Flow Pressure		PSI	(depth)	4433	Jars
(C) First Final Flow Pressure		PSI	Recorder No.	13309	Safety Jt.
(D) Initial Shut-In Pressure		PSI	(depth)	4462	Circ Sub X N/C
(E) Second Initial Flow Pressure		PSI	Recorder No.		Sampler
(F) Second Final Flow Pressure		PSI	(depth)		Straddle
(G) Final Shut-In Pressure		PSI	**Initial Opening**		Ext. Packer
(Q) Final Hydrostatic Mud		2208 PSI	Initial Shut-In		Shale Packer
			Final Flow		Ruined Packer
			Final Shut-In		Mileage 1 way 41 82
			T-On Location	1545	Sub Total: 982
			T-Started	1643	Std. By
			T-Open	1813	Other
			T-Pulled	1822	Total:
			T-Out	2048	

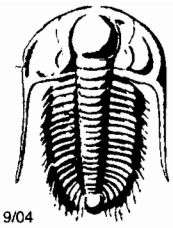
Approved By Pat B. Lodge

Our Representative Rod Steinbrink

CHART PAGE

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





9/04

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

№ 21535

Test Ticket

Well Name & No. McLeish #1-19 Test No. 2 Date 4-11-05

Company Larson Operating Company Zone Tested Altamont / Marm.

Address 562 W. Hwy 4 Olmitz KS. 67564-8561 Elevation 2858 KB 2850 GL

Co. Rep / Geo. Tom Larson Cont. Southwind #1 Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 19 Twp. 18S Rge. 26W Co. Ness State KS.

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

Interval Tested 4436 - 4467 Initial Str Wt./Lbs. 50,000 Unseated Str Wt/Lbs. 54,000

Anchor Length 31' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 70,000

Top Packer Depth 4431 Tool Weight 2,000

Bottom Packer Depth 4436 Hole Size 7 7/8" Rubber Size 6 3/4"

Total Depth 4467 Wt. Pipe Run — Drill Collar Run 183'

Mud Wt. 9.5 LCM — Vis. 44 WL 8.0 Drill Pipe Size 4½" XH Ft. Run 42.45'

Blow Description

IF: Fair to strong off bttm 7 mins. ISI: Weak surface return F/20 mins.

FF: Strong off bttm 3 mins. FSI: Weak surface blow steady thru.

Recovery - Total Feet 120' GIP 960' Total Ft. in DC 120' Ft. in DP 777' GIP

Rec.		Feet of		%gas		%oil		%water	%mud
Rec.	40'	Feet of	CGO	10 %gas	90	%oil		%water	%mud
Rec.	80'	Feet of	GOCM	10 %gas	10	%oil	—	%water 80	%mud
Rec.		Feet of		%gas		%oil		%water	%mud
Rec.		Feet of		%gas		%oil		%water	%mud

BHT 127° °F Gravity 39 °API D @ 50° °F Corrected Gravity 40 °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 1,700 ppm System

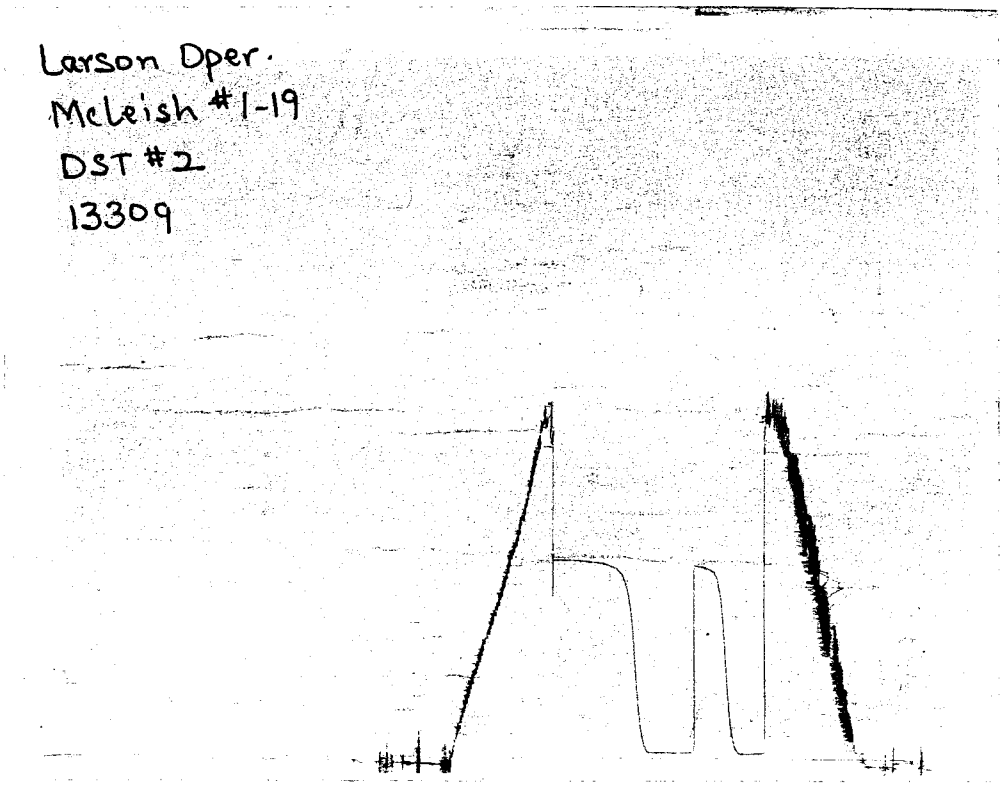
	AK-1	Alpine					
(A) Initital Hydrostatic Mud		2314	PSI	Recorder No.	6625	Test	1000
(B) First Initial Flow Pressure		15	PSI	(depth)	4437	Jars	
(C) First Final Flow Pressure		29	PSI	Recorder No.	13309	Safety Jt.	
(D) Initial Shut-In Pressure		1311	PSI	(depth)	4462	Circ Sub	X N/C
(E) Second Initial Flow Pressure		36	PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure		54	PSI	(depth)		Straddle	
(G) Final Shut-In Pressure		1318	PSI	**Initial Opening**	15	Ext. Packer	
(Q) Final Hydrostatic Mud		2185	PSI	Initial Shut-In	30	Shale Packer	X 150
				Final Flow	30	Ruined Packer	
				Final Shut-In	60	Mileage	none.
				T-On Location		Sub Total:	1150
				T-Started	2113	Std. By	
				T-Open	2235	Other	
				T-Pulled	0055 4-12-05	Total:	
				T-Out	0257		

Approved By _____

Our Representative Rod Steinbrink

CHART PAGE

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



TRILOBITE TESTING INC.
P.O. Box 362 • Hays, Kansas 67601

9/04

№ 21536

Test Ticket

Well Name & No. McLeish #1-19 Test No. 3 Date 4-12-05

Company Larson Operating Company Zone Tested Mississippian

Address 562 W Hwy 4 Olmitz, KS. 67564-8561 Elevation 2658 KB 2650 GL

Co. Rep / Geo. Tom Larson Cont. Southwind #1 Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 19 Twp. 18S Rge. 26W Co. Ness State KS

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

Interval Tested 4603 - 4627 Initial Str Wt./Lbs. 55,000 Unseated Str Wt/Lbs. 59,000

Anchor Length 24' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 65,000

Top Packer Depth 4598 Tool Weight 2,000

Bottom Packer Depth 4603 Hole Size 7 7/8" Rubber Size 6 3/4"

Total Depth 4627 Wt. Pipe Run — Drill Collar Run 183'

Mud Wt. 9.4 LCM — Vis. 47 WL 8.8 Drill Pipe Size 4½" XH Ft. Run 4430'

Blow Description

IF: Weak to fair off bttm 13 mins. ISI: Surface return built to 2"

FF: Fair to strong off bttm 8 mins. FSI: Surface to bttm 26 mins.

Recovery - Total Feet 610' GIP ~~360~~ 360' Ft. in DC 183' Ft. in DP 427'

Rec.		Feet of		%gas		%oil		%water	%mud
Rec.	360'	Feet of	CGO	20 %gas	80	%oil		%water	%mud
Rec.		Feet of		%gas		%oil		%water	%mud
Rec.	250'	Feet of	GOCM	50 %gas	10	%oil	—	%water 40	%mud
Rec.		Feet of		%gas		%oil		%water	%mud

BHT 129° °F Gravity 33 °API D @ 40° °F Corrected Gravity 35 °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 2,700 ppm System

	AK-1 Alpine				
(A) Initital Hydrostatic Mud	2325 PSI	Recorder No.	6625	Test	1000
(B) First Initial Flow Pressure	18 PSI	(depth)	4604	Jars	
(C) First Final Flow Pressure	105 PSI	Recorder No.	13309	Safety Jt.	
(D) Initial Shut-In Pressure	1281 PSI	(depth)	4622	Circ Sub	X N/C
(E) Second Initial Flow Pressure	110 PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure	231 PSI	(depth)		Straddle	
(G) Final Shut-In Pressure	1251 PSI	**Initial Opening**	15	Ext. Packer	
(Q) Final Hydrostatic Mud	2268 PSI	Initial Shut-In	30	Shale Packer	X 150
		Final Flow	45	Ruined Packer	
		Final Shut-In	90	Mileage	1 way 41 82
		T-On Location	2230	Sub Total:	1232
		T-Started	2305	Std. By	
		T-Open	0034 4-13-05	Other	
		T-Pulled	0337	Total:	
		T-Out	0605		

Approved By _____

Our Representative Rod Steinbrink

CHART PAGE

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