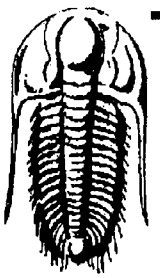


TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Kenneth S. White**

2400 N. Woodlawn, Suite 115 Wichita, KS 67220

ATTN: Tom Robinson

34/29/41

Barber Farms #1

Start Date: 2004.08.04 @ 23:59:02

End Date: 2004.08.05 @ 11:25:45

Job Ticket #: 18526 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

DRILL STEM TEST REPORT

Kenneth S. White

2400 N. Woodlawn, Suite 115 Wichita, KS 67220

ATTN: Tom Robinson

Barber Farms #1

34/29/41

Job Ticket: 18526 **DST#: 1**

Test Start: 2004.08.04 @ 23:59:02

GENERAL INFORMATION:

Formation: **Keyes Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:42:30
Time Test Ended: 11:25:45

Test Type: Conventional Bottom Hole
Tester: Chris Hagman
Unit No: 17

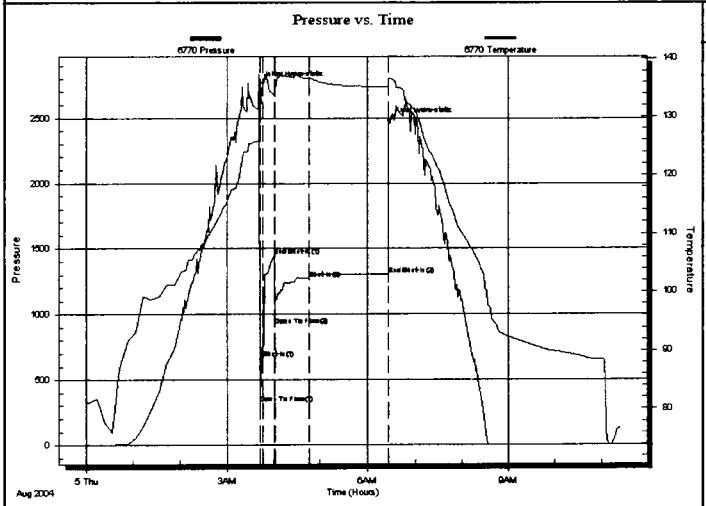
Interval: 5397.00 ft (KB) To 5410.00 ft (KB) (TVD)
Total Depth: 5410.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Good

Reference Elevations: 3353.00 ft (KB)
3345.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6770 **Inside**
Press@RunDepth: 1270.28 psig @ 5400.00 ft (KB)
Start Date: 2004.08.04 End Date: 2004.08.05
Start Time: 23:59:02 End Time: 11:25:45

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2004.08.05 @ 03:42:00
Time Off Btm: 2004.08.05 @ 06:27:00

TEST COMMENT: IF: BOB 30 sec, GTS 5 min, strong blow
ISI: Not enough time to check for blow back
FF: BOB ASAO, GTS ASAO, strong blow
FSI: Blow back in 10 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2753.93	127.58	Initial Hydro-static
1	314.90	130.12	Open To Flow (1)
5	661.12	135.42	Shut-In(1)
19	1441.39	133.70	End Shut-In(1)
20	911.89	133.47	Open To Flow (2)
65	1270.28	136.71	Shut-In(2)
165	1299.55	135.20	End Shut-In(2)
166	2475.95	136.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
598.00	65%O, 35%G	3.40

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	10.00	38.71
Last Gas Rate	0.25	1.00	24.43
Max. Gas Rate	0.25	10.00	38.71

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Kenneth S. White

2400 N. Woodlaw n, Suite 115 Wichita, KS 67220

ATTN: Tom Robinson

Barber Farms #1

34/29/41

Job Ticket: 18526 **DST#: 1**

Test Start: 2004.08.04 @ 23:59:02

Tool Information

Drill Pipe:	Length:	4817.00 ft	Diameter:	4.50 inches	Volume:	94.76 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	567.00 ft	Diameter:	2.25 inches	Volume:	2.79 bbl	
					Total Volume:	97.55 bbl	

Drill Pipe Above KB:	17.00 ft
Depth to Top Packer:	5397.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	13.00 ft
Tool Length:	43.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2000.00 lb
Weight set on Packer:	20000.00 lb
Weight to Pull Loose:	140000.0 lb
Tool Chased	0.00 ft
String Weight: Initial	94000.00 lb
Final	105000.0 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			5368.00		
Shut In Tool	5.00			5373.00		
Sampler	3.00			5376.00		
Hydraulic tool	5.00			5381.00		
Jars	5.00			5386.00		
Safety Joint	2.00			5388.00		
Packer	5.00			5393.00	30.00	Bottom Of Top Packer
Packer	4.00			5397.00		
Stubb	1.00			5398.00		
Perforations	2.00			5400.00		
Recorder	0.00	6770	Inside	5400.00		
Perforations	7.00			5407.00		
Recorder	0.00	10993	Inside	5407.00		
Bullnose	3.00			5410.00	13.00	Bottom Packers & Anchor
Total Tool Length:	**43.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Kenneth S. White

2400 N. Woodlaw n, Suite 115 Wichita, KS 67220

ATTN: Tom Robinson

Barber Farms #1

34/29/41

Job Ticket: 18526 **DST#: 1**

Test Start: 2004.08.04 @ 23:59:02

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	34 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	54.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.19 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1200.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
598.00	65%O, 35%G	3.398

Total Length: 598.00 ft Total Volume: 3.398 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Sampler: 1000 psi, 1100 ml oil, 3.6 CF Gas, 34 api
Recovery: 33 API @ 80 F = 34 API

Kenneth S. White

2400 N. Woodlaw n, Suite 115 Wichita, KS 67220

ATTN: Tom Robinson

Barber Farms #1

34/29/41

Job Ticket: 18526 **DST#: 1**

Test Start: 2004.08.04 @ 23:59:02

Gas Rates Information

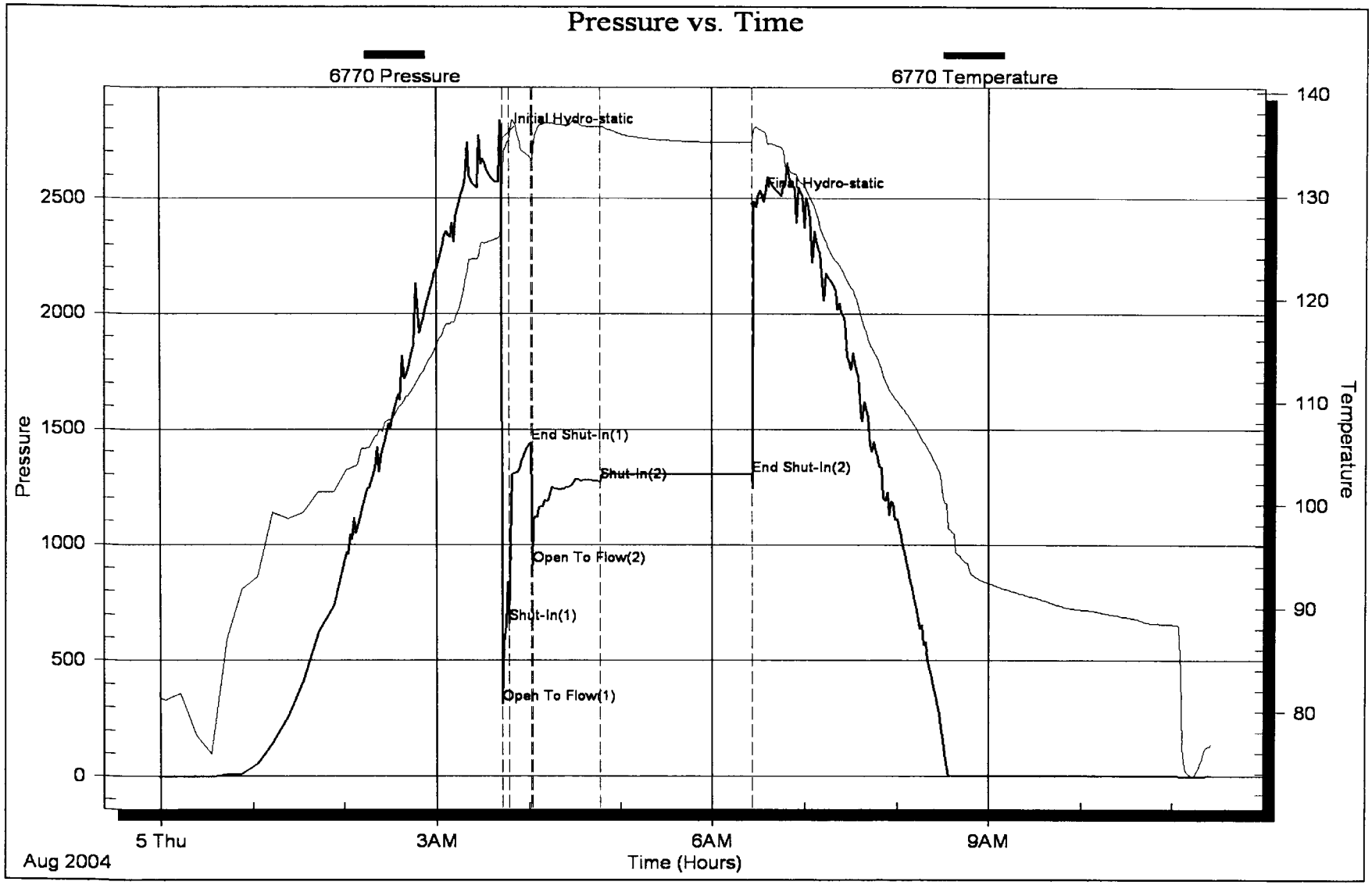
Temperature: 59 deg C

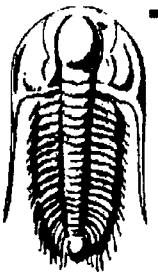
Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m^3/d)
2	10	0.25	10.00	38.71
2	20	0.25	6.00	32.36
2	30	0.25	3.00	27.60
2	40	0.25	1.00	24.43


Pressure vs. Time
6770 Pressure
6770 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
Shut-In(2)
End Shut-In(2)
Open To Flow(2)
Shut-In(1)
Open To Flow(1)
2500
2000
1500
1000
500
0
Pressure
140
130
120
110
100
90
80
Temperature
5 Thu
3AM
6AM
9AM
Aug 2004
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Kenneth S. White**

2400 N. Woodlawn, Suite 115 Wichita, KS 67220

ATTN: Tom Robinson

34/29/41

Barber Farms #1

Start Date: 2004.08.06 @ 00:50:56

End Date: 2004.08.06 @ 11:53:26

Job Ticket #: 19626 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

DRILL STEM TEST REPORT

Kenneth S. White

2400 N. Woodlawn, Suite 115 Wichita, KS 67220

ATTN: Tom Robinson

Barber Farms #1

34/29/41

Job Ticket: 19626 **DST#: 2**

Test Start: 2004.08.06 @ 00:50:56

GENERAL INFORMATION:

Formation: **Morrow/Keyes**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:35:56
Time Test Ended: 11:53:26

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

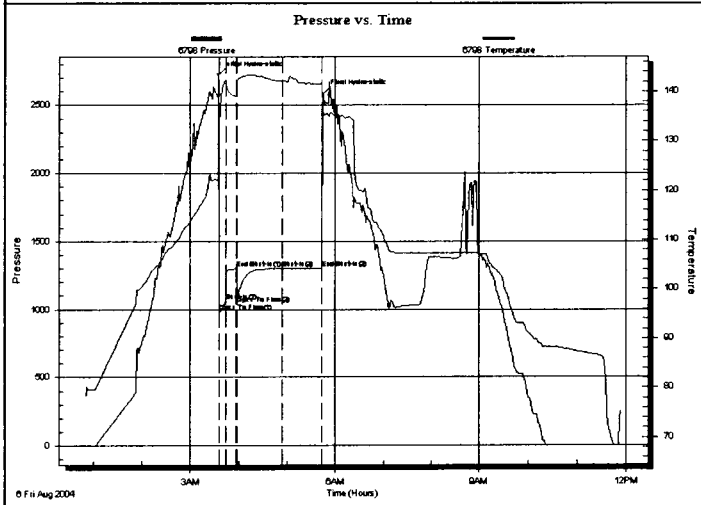
Interval: 5410.00 ft (KB) To 5447.00 ft (KB) (TVD)
Total Depth: 5447.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Good

Reference Elevations: 3353.00 ft (KB)
3345.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6798 **Inside**
Press@RunDepth: 1301.26 psig @ 5411.00 ft (KB)
Start Date: 2004.08.06 End Date: 2004.08.06
Start Time: 00:50:58 End Time: 11:53:26

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2004.08.06 @ 03:34:26
Time Off Btm: 2004.08.06 @ 05:44:56

TEST COMMENT: IF; Strong blow off bttm in 1 min
ISI; Strong return off bttm in 4 mins
FF; Strong blow off bttm in 1 min (GTS @ 30 mins/TSTM)
FSI; Let blow bleed off thru 2"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2723.27	122.18	Initial Hydro-static
2	983.85	133.06	Open To Flow (1)
9	1062.84	142.28	Shut-In(1)
22	1299.22	138.98	End Shut-In(1)
23	1104.97	142.14	Open To Flow (2)
80	1301.26	142.05	Shut-In(2)
129	1302.33	141.53	End Shut-In(2)
131	2587.32	135.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2040.00	Wtr 100%	23.45
500.00	SGOMCW 5%g trc/o 85%w 10%m	7.01
500.00	GOCM 40%g 15%o 10%w 35%m	7.01

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Kenneth S. White

2400 N. Woodlawn, Suite 115 Wichita, KS 67220

ATTN: Tom Robinson

Barber Farms #1

34/29/41

Job Ticket: 19626 **DST#: 2**

Test Start: 2004.08.06 @ 00:50:56

Tool Information

Drill Pipe:	Length:	4846.00 ft	Diameter:	3.80 inches	Volume:	67.98 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:	567.00 ft	Diameter:	2.25 inches	Volume:	2.79 bbl	Weight to Pull Loose:	130000.0 lb
					Total Volume:	70.77 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		29.00 ft					String Weight: Initial	90000.00 lb
Depth to Top Packer:		5410.00 ft					Final	104000.0 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		36.00 ft						
Tool Length:		62.00 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			5389.00		
Hydraulic tool	5.00			5394.00		
Jars	5.00			5399.00		
Safety Joint	2.00			5401.00		
Packer	5.00			5406.00	26.00	Bottom Of Top Packer
Packer	4.00			5410.00		
Stubb	1.00			5411.00		
Recorder	0.00	6798	Inside	5411.00		
Perforations	30.00			5441.00		
Recorder	0.00	13276	Outside	5441.00		
Bullnose	5.00			5446.00	36.00	Bottom Packers & Anchor
Total Tool Length:	**62.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Kenneth S. White

2400 N. Woodlawn, Suite 115 Wichita, KS 67220

ATTN: Tom Robinson

Barber Farms #1

34/29/41

Job Ticket: 19626 **DST#: 2**

Test Start: 2004.08.06 @ 00:50:56

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:	57.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.60 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1100.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

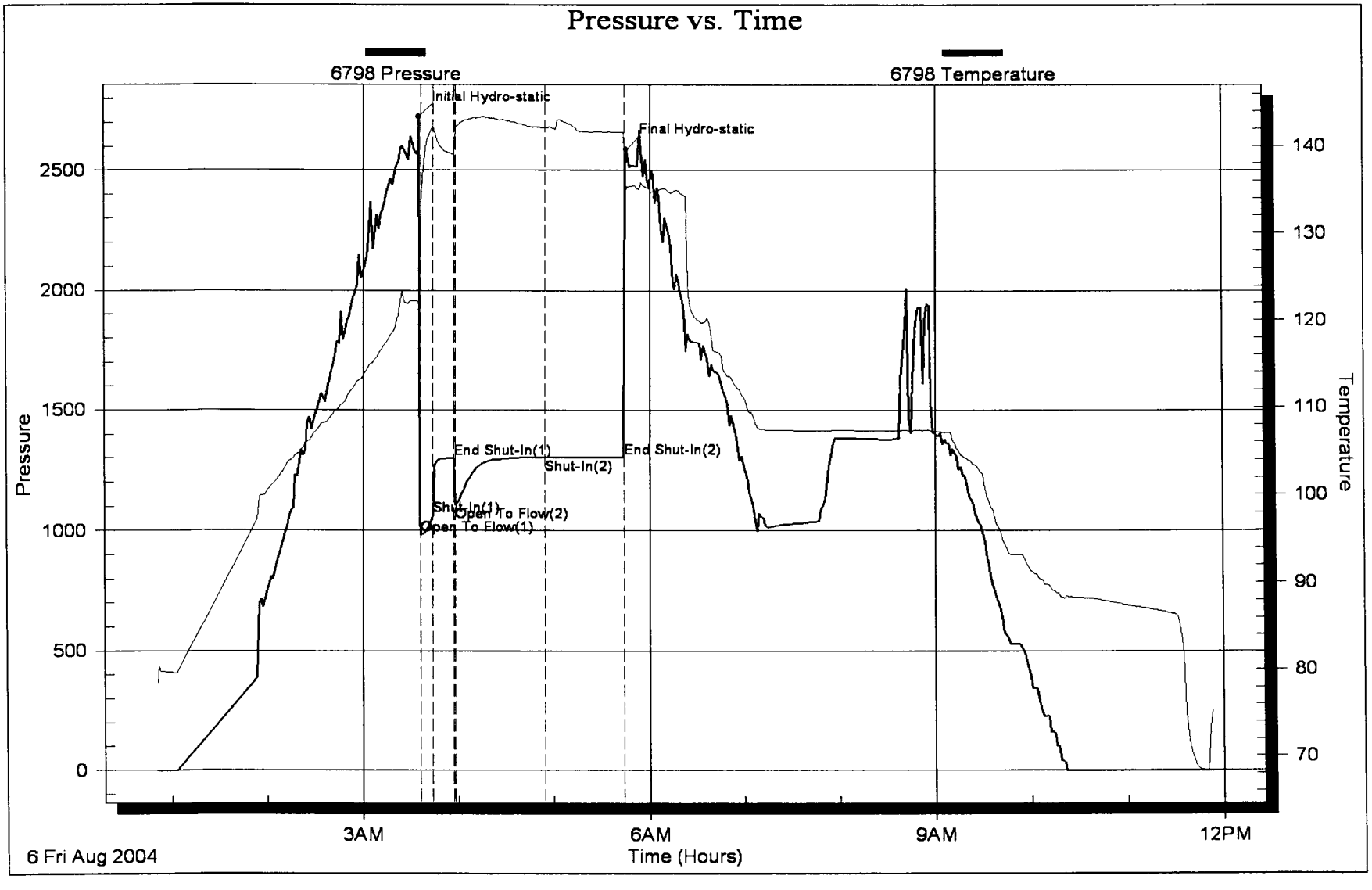
Length ft	Description	Volume bbl
2040.00	Wtr 100%	23.451
500.00	SGOMCW 5%g trc/o 85%w 10%m	7.014
500.00	GOCM 40%g 15%o 10%w 35%m	7.014

Total Length: 3040.00 ft Total Volume: 37.479 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW .35 @ 70 Deg = 20,000 Chlorides


Pressure vs. Time
6798 Pressure
6798 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
Shut-In(2)
End Shut-In(2)
Shut-In(1)
Open To Flow(2)
Open To Flow(1)
Pressure
Temperature
2500
2000
1500
1000
500
0
140
130
120
110
100
90
80
70
3AM
6AM
9AM
12PM
6 Fri Aug 2004
Time (Hours)

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

IDW 6659

Nº 18526

05/03

Test Ticket

Well Name & No. Barber Farms #1 Test No. 1 Date 8-04-04

Company Kenneth S. White Zone Tested Keyes Sand

Address 2400 N. Woodlawn, Suite 115 Elevation ____ KB 3345 GL

Co. Rep / Geo. Tom Robinson Cont. ____ Est. Ft. of Pay ____ Por. ____ %

Location: Sec. 12 Twp. 30 Rge. 41 Co. Stanton State KS

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

Interval Tested 5397 - 5410 Initial Str Wt./Lbs. 94K Unseated Str Wt/Lbs. 105K

Anchor Length 13' Wt. Set Lbs. 20K Wt. Pulled Loose/Lbs. 140K

Top Packer Depth 5393 Tool Weight 215

Bottom Packer Depth 5397 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 5410 Wt. Pipe Run N.A. Drill Collar Run 567

Mud Wt. 9.2 LCM 6# Vis. 54 WL 7.2 Drill Pipe Size 4.5 XH Ft. Run 4817

Blow Description IF: BOB 30 sec, GTS 5 min, strong blow
ISI: Not enough time to check for blow back
FF: BOB ASAP, strong blow, GTS ASAP
FSI: Blowback 10 min.

Recovery - Total Feet 598 GIP ____ Ft. in DC 567 Ft. in DP 31

Rec. 598	Feet of	35 %gas	65 %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 135 °F Gravity 33 °API D @ 80 °F Corrected Gravity 34 °API

RW ____ @ ____ °F Chlorides ____ ppm Recovery ____ Chlorides 1200 ppm System

	AK-1 Alpine				
(A) Initital Hydrostatic Mud	2754 PSI	Recorder No.	6770 (11:59)	Test ✓ conv.	1100
(B) First Initial Flow Pressure	315 PSI	(depth)	5400	Elec. Rec. ✓	
(C) First Final Flow Pressure	661 PSI	Recorder No.	10993	Jars ✓	200
(D) Initial Shut-In Pressure	1441 PSI	(depth)	5405	Safety Jt. ✓	50
(E) Second Initial Flow Pressure	912 PSI	Recorder No.		Circ Sub	
(F) Second Final Flow Pressure	1270 PSI	(depth)		Sampler ✓	200
(G) Final Shut-In Pressure	1300 PSI	**Initial Opening**	5	Straddle	
(Q) Final Hydrostatic Mud	2476 PSI	Initial Shut-In	15	Ext. Packer	150
		Final Flow	45	Shale Packer ✓ x1	
		Final Shut-In	90	Mileage x100 + 85 + 85	
		T-On Location	~~0945~~ 2245	Sub Total:	1785 1785
		T-Started	~~0945~~ 2345	Std. By x2.5	75 75
		T-Open	0340	Other	
		T-Pulled	0615	Total:	1860 1860
		T-Out	1115		

Approved By Tom Robinson

Our Representative Chris Hagman

TRILOBITE TESTING L.L.C.
P.O. Box 362 • Hays, Kansas 67601 • (913) 625-4778

GAS VOLUME REPORT

Tom Robinson (OPERATOR) | Barber Farms #1 (WELL NAME AND NO.) | 1 (DST NO.)

Min.	Ins. of Water PSIG	Orifice Size	MCF/D	Min.	~~Ins.~~ of Water PSIG	Orifice Size	MCF/D
				10	10	1/4	
				20	6	1/4	
				30	3	1/4	
				40	1	1/4	

IF: BOB 30 sec, GTS 5 min, strong blow
ISI: Not enough time to check for blow back
FF: BOB ASAP, strong blow
FSI: Blow back 10 min.

Remarks: Flamable

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 18526 Date 8-4-04

Company Name Kenneth S. White

Lease Barber Farms #1 Test No. 1

County Stanton Sec. 12 Twp. 30 Rng. 41

SAMPLER RECOVERY

Gas 3.6 CF ML

Oil 1100 ML

Mud ML

Water ML

Other ML

Pressure 1000 PSI PSI

Total 1100 ML

PIT MUD ANALYSIS

Chlorides 1200 ppm.

Resistivity ohms @ F

Viscosity 54

Mud Weight 9.2

Filtrate

Other 6# LCM

SAMPLER ANALYSIS

Resistivity ohms @ F

Chlorides ppm.

Gravity 34 corrected @ 60 F

PIPE RECOVERY

TOP

Resistivity ohms @ F

Chlorides ppm.

MIDDLE

Resistivity ohms @ F

Chlorides ppm.

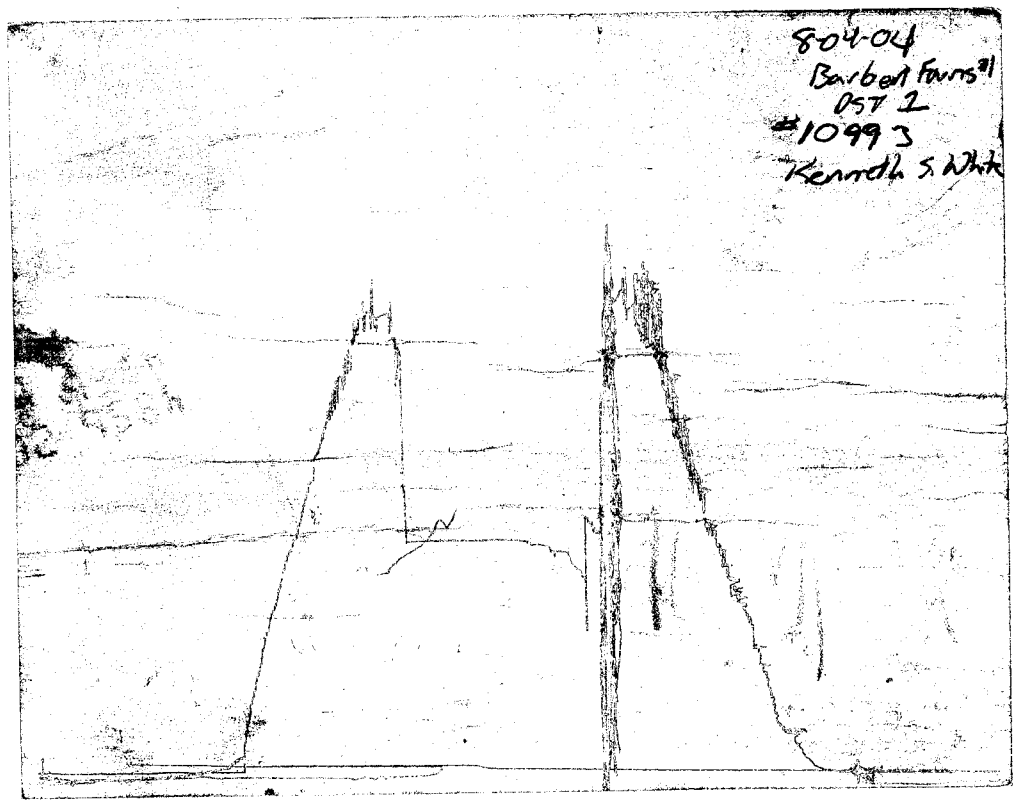
BOTTOM

Resistivity ohms @ F

Chlorides ppm.

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. 19626

Test Ticket

Well Name & No. Barber Farms #1 Test No. 2 Date 8-6-04

Company Kenneth S. White Zone Tested Morrow / Keyes

Address 2400 N. Woodlawn Ste. #115 Wichita, KS. 67220 Elevation 3358 KB 3345 GL

Co. Rep / Geo. Tom Robinson Cont. Murfin #22 Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 12 Twp. 30S Rge. 41W Co. Stanton State KS.

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

Interval Tested 5410 - 5447 Initial Str Wt./Lbs. 90,000 Unseated Str Wt/Lbs. 104,000

Anchor Length 37' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 130,000

Top Packer Depth 5405 Tool Weight 2,000

Bottom Packer Depth 5410 Hole Size 7 7/8" Rubber Size 6 3/4"

Total Depth 5447 Wt. Pipe Run — Drill Collar Run 567'

Mud Wt. 9.3 LCM 5#/bbl Vis. 57 WL 7.6 Drill Pipe Size 4½" XH Ft. Run 4846'

Blow Description IF: Strong blow off bttm 1 min.

ISI: Strong return off bttm 4 mins.

FF: Strong blow off bttm 1 min. (GTS @ 30 mins./TSTM)

FSI: Let blow bleed off thru 2"

Recovery - Total Feet 3040' GIP GTS Ft. in DC 567' Ft. in DP 2473'

Rec. Reversed Out.	Feet of		%gas		%oil		%water		%mud
Rec. Approx.	Feet of		%gas		%oil		%water		%mud
Rec. 500'	Feet of	GOCM	40	%gas	15	%oil	10	%water	35 %mud
Rec. 500'	Feet of	SGOMCW	5	%gas	trc.	%oil	85	%water	10 %mud
Rec. 2040'	Feet of	Wtr.		%gas		%oil	100	%water	%mud

BHT 141° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API

RW .35 @ 70° °F Chlorides 20,000 ppm Recovery _____ Chlorides 1,100 ppm System

	AK-1	Alpine
(A) Initital Hydrostatic Mud		2723 PSI
(B) First Initial Flow Pressure		983 PSI
(C) First Final Flow Pressure		1062 PSI
(D) Initial Shut-In Pressure		1299 PSI
(E) Second Initial Flow Pressure		1104 PSI
(F) Second Final Flow Pressure		1301 PSI
(G) Final Shut-In Pressure		1302 PSI
(Q) Final Hydrostatic Mud		2587 PSI

Recorder No.	6798
(depth)	5411
Recorder No.	13276
(depth)	5442
Recorder No.	
(depth)	
Initial Opening	5
Initial Shut-In	15
Final Flow	45
Final Shut-In	60
T-On Location	2400 8-5-04
T-Started	0050 8-6-04
T-Open	0335
T-Pulled	0543
T-Out	1153
T-Off	1300

Test	1100
Elec. Rec.	X
Jars	X 200
Safety Jt.	X 50
Circ Sub	X ~~#e 350~~
Sampler	
Straddle	
Ext. Packer	150
Shale Packer	X 250 00 250
Mileage	~~Lump~~ #5 85
Sub Total:	1835
Std. By	2hr 60
Other	
Total:	1895

Approved By Tom Robinson

Our Representative Rod Steinbrink

CHART PAGE

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