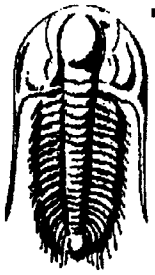
15-199-20325

3-15s-41w



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Red Oak Energy**

7701 E Kellogg
Wichita KS 67207

ATTN: Scott Banks

3 15S 41W Wallace KS

Blaesi 1-3

Start Date: 2006.07.27 @ 15:29:33

End Date: 2006.07.27 @ 20:41:31

Job Ticket #: 24186 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

DRILL STEM TEST REPORT

Red Oak Energy

7701 E Kellogg
Wichita KS 67207

ATTN: Scott Banks

Blaesi 1-3

3 15S 41W Wallace KS

Job Ticket: 24186 **DST#: 1**

Test Start: 2006.07.27 @ 15:29:33

GENERAL INFORMATION:

Formation: **Marrlow Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:57:00
Time Test Ended: 20:41:31

Test Type: Conventional Bottom Hole
Tester: Michael Shinn
Unit No: 18

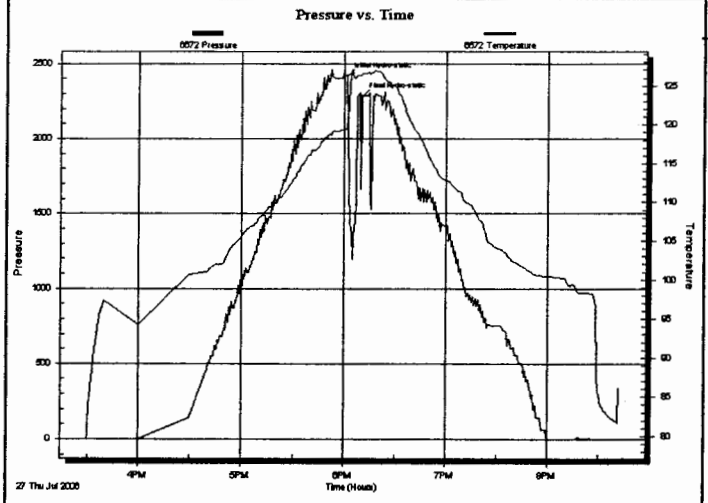
Interval: 4940.00 ft (KB) To 4995.00 ft (KB) (TVD)
Total Depth: 4995.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 3785.00 ft (KB)
3775.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6672 **Inside**
Press@RunDepth: psig @ 4948.00 ft (KB)
Start Date: 2006.07.27 End Date: 2006.07.27
Start Time: 15:29:33 End Time: 20:41:31

Capacity: 7000.00 psig
Last Calib.: 2006.07.27
Time On Btm: 2006.07.27 @ 18:01:46
Time Off Btm: 2006.07.27 @ 18:10:16

TEST COMMENT: Mis-Run



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2416.79	119.46	Initial Hydro-static
9	2284.02	126.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1540.00	Mud 100%M	16.14

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Red Oak Energy

7701 E Kellogg
Wichita KS 67207

ATTN: Scott Banks

Blaesi 1-3

3 15S 41W Wallace KS

Job Ticket: 24186 **DST#: 1**

Test Start: 2006.07.27 @ 15:29:33

Tool Information

Drill Pipe:	Length:	4332.00 ft	Diameter:	3.80 inches	Volume:	60.77 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	inches	Volume:	0.00 bbl	
Drill Collar:	Length:	600.00 ft	Diameter:	2.25 inches	Volume:	2.95 bbl	
					Total Volume:	63.72 bbl	

Drill Pipe Above KB:	19.00 ft
Depth to Top Packer:	4940.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	55.00 ft
Tool Length:	82.00 ft
Number of Packers:	2 Diameter: inches

Tool Weight:	1500.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	110000.0 lb
Tool Chased	5.00 ft
String Weight: Initial	80000.00 lb
Final	90000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			4918.00		
Hydraulic tool	5.00			4923.00		
Jars	5.00			4928.00		
Safety Joint	2.00			4930.00		
Packer	5.00			4935.00	27.00	Bottom Of Top Packer
Packer	5.00			4940.00		
Perforations	7.00			4947.00		
Change Over Sub	1.00			4948.00		
Recorder	0.00	6672	Inside	4948.00		
Drill Pipe	31.00			4979.00		
Change Over Sub	1.00			4980.00		
Perforations	10.00			4990.00		
Recorder	0.00	11020	Inside	4990.00		
Bullnose	5.00			4995.00	55.00	Bottom Packers & Anchor
Total Tool Length:	**82.00**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy

7701 E Kellogg
Wichita KS 67207

ATTN: Scott Banks

Blaesi 1-3

3 15S 41W Wallace KS

Job Ticket: 24186 **DST#: 1**

Test Start: 2006.07.27 @ 15:29:33

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:	58.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.96 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3200.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

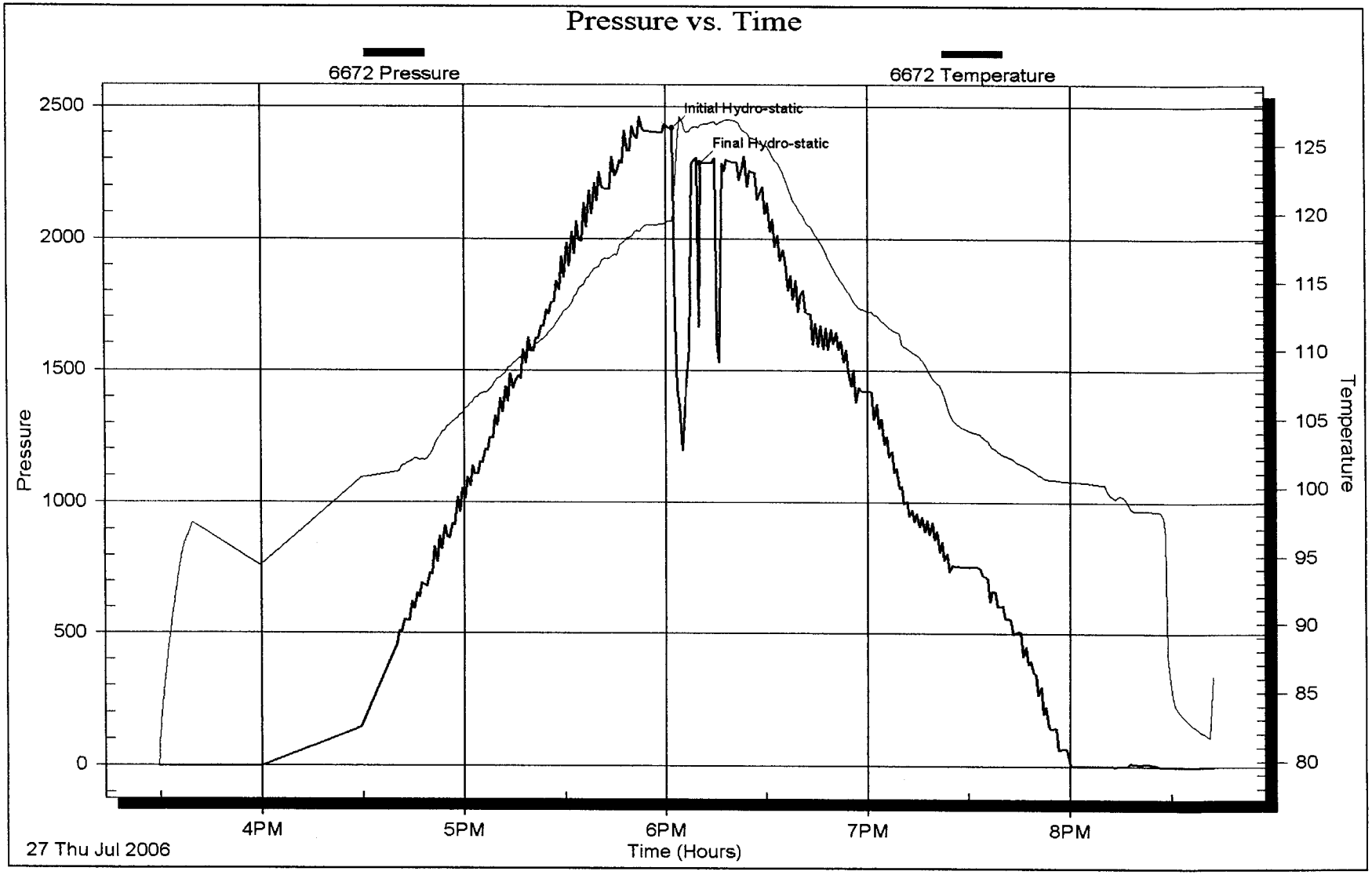
Length ft	Description	Volume bbl
1540.00	Mud 100%M	16.136

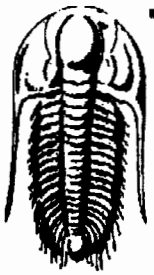
Total Length: 1540.00 ft Total Volume: 16.136 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6672 Pressure
6672 Temperature
Initial Hydro-static
Final Hydro-static
Pressure
Temperature
2500
2000
1500
1000
500
0
125
120
115
110
105
100
95
90
85
80
4PM
5PM
6PM
7PM
8PM
Time (Hours)
27 Thu Jul 2006



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Red Oak Energy**

7701 E Kellogg
Wichita KS 67207

ATTN: Scott Banks

3 15S 41W Wallace KS

Blaesi 1-3

Start Date: 2006.07.28 @ 21:56:22

End Date: 2006.07.29 @ 06:10:50

Job Ticket #: 24187 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.

Red Oak Energy

7701 E Kellogg
Wichita KS 67207

ATTN: Scott Banks

Blaesi 1-3

3 15S 41W Wallace KS

Job Ticket: 24187 **DST#: 2**

Test Start: 2006.07.28 @ 21:56:22

GENERAL INFORMATION:

Formation: **Marrlow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:48:35
Time Test Ended: 06:10:50

Test Type: Conventional Bottom Hole
Tester: Michael Shinn
Unit No: 18

Interval: 4994.00 ft (KB) To 5010.00 ft (KB) (TVD)
Total Depth: 5200.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair

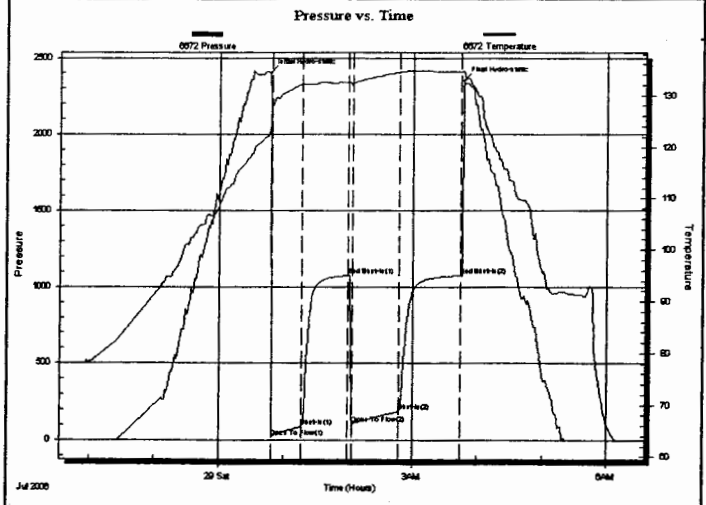
Reference Elevations: 3785.00 ft (KB)
3775.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6672 **Inside**

Press@RunDepth: 187.76 psig @ 5010.00 ft (KB)
Start Date: 2006.07.28 End Date: 2006.07.29
Start Time: 21:56:22 End Time: 06:10:50

Capacity: 7000.00 psig
Last Calib.: 2006.07.29
Time On Btm: 2006.07.29 @ 00:47:35
Time Off Btm: 2006.07.29 @ 03:47:05

TEST COMMENT: IF Return blow to 5 1/2 in
IS Return surface blow
FF Return blow to 4 1/2 in
ISI No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2401.65	122.99	Initial Hydro-static
1	21.59	126.53	Open To Flow (1)
29	90.22	132.13	Shut-In(1)
72	1073.23	132.51	End Shut-In(1)
77	105.18	132.28	Open To Flow (2)
120	187.76	134.50	Shut-In(2)
177	1073.07	134.62	End Shut-In(2)
180	2352.31	134.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
390.00	MSW 95%M 5%SW	1.92

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Red Oak Energy

7701 E Kellogg
Wichita KS 67207

ATTN: Scott Banks

Blaesi 1-3

3 15S 41W Wallace KS

Job Ticket: 24187 **DST#: 2**

Test Start: 2006.07.28 @ 21:56:22

Tool Information

Drill Pipe:	Length:	4370.00 ft	Diameter:	3.80 inches	Volume:	61.30 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	inches	Volume:	0.00 bbl	
Drill Collar:	Length:	600.00 ft	Diameter:	2.25 inches	Volume:	2.95 bbl	
					Total Volume:	64.25 bbl	

Drill Pipe Above KB:	3.00 ft
Depth to Top Packer:	4994.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	206.00 ft
Tool Length:	233.00 ft
Number of Packers:	3 Diameter: inches

Tool Weight:	1500.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	110000.0 lb
Tool Chased	0.00 ft
String Weight: Initial	85000.00 lb
Final	90000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			4972.00		
Hydraulic tool	5.00			4977.00		
Jars	5.00			4982.00		
Safety Joint	2.00			4984.00		
Packer	5.00			4989.00	27.00	Bottom Of Top Packer
Packer	5.00			4994.00		
Perforations	10.00			5004.00	206.00	Tool Interval
Packer	5.00			5009.00		
Change Over Sub	1.00			5010.00		
Recorder	0.00	6672	Inside	5010.00		
Drill Pipe	184.00			5194.00		
Change Over Sub	1.00			5195.00		
Recorder	0.00	11020	Inside	5195.00		
Bullnose	5.00			5200.00	1000232.00	Bottom Packers & Anchor
Total Tool Length:	**233.00**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy

7701 E Kellogg
Wichita KS 67207

ATTN: Scott Banks

Blaesi 1-3

3 15S 41W Wallace KS

Job Ticket: 24187 **DST#: 2**

Test Start: 2006.07.28 @ 21:56:22

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:	51.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.77 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

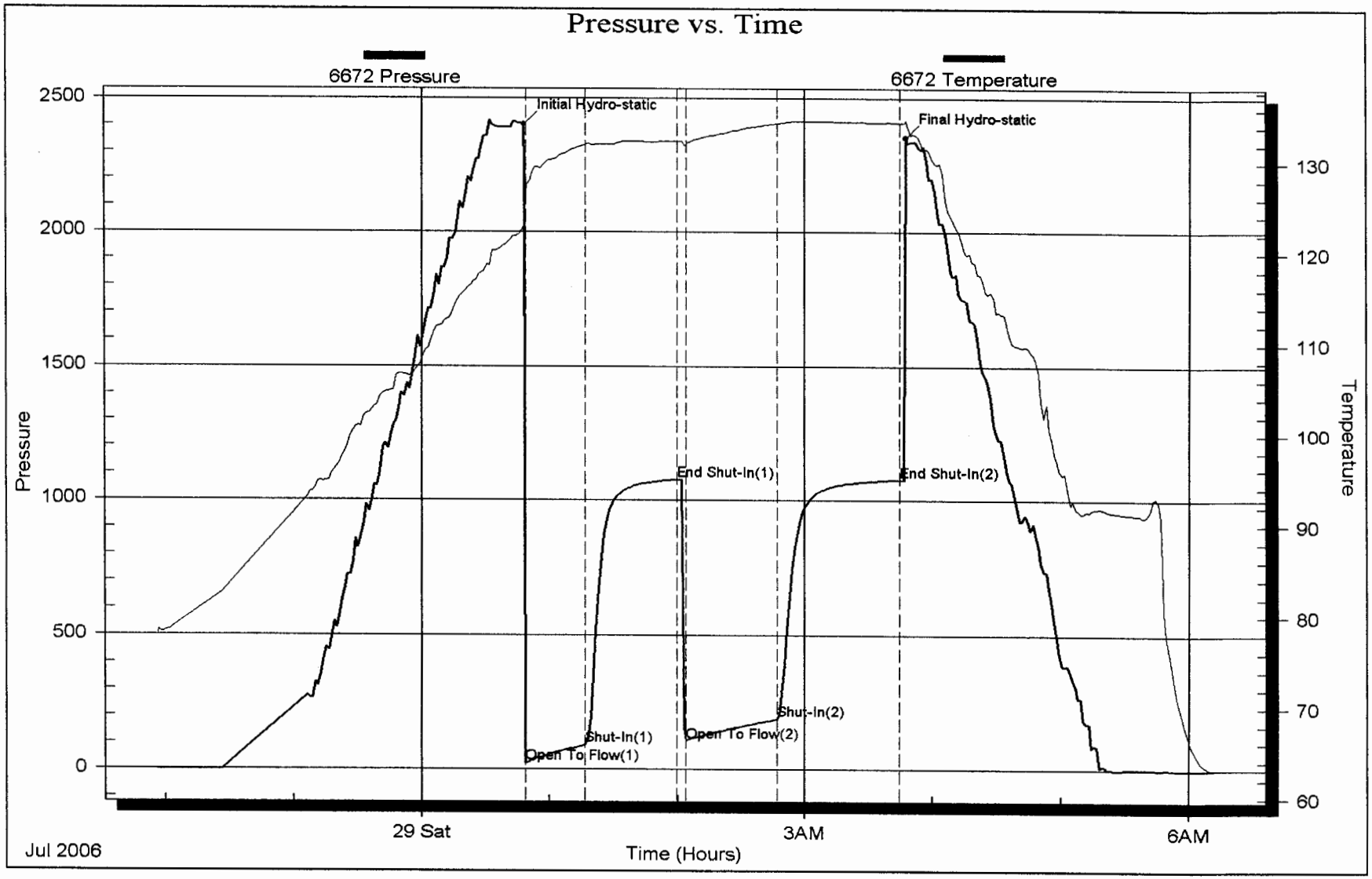
Length ft	Description	Volume bbl
390.00	MSW 95%M 5%SW	1.918

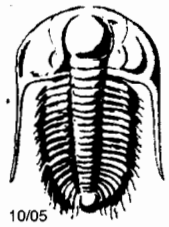
Total Length: 390.00 ft Total Volume: 1.918 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6672 Pressure
6672 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
2500
2000
1500
1000
500
0
130
120
110
100
90
80
70
60
29 Sat
3AM
6AM
Jul 2006
Time (Hours)



10/05

KIL TESTING

P.O. Box 362 • Hays, Kansas 67601

9066

№ 24186

Test Ticket

Well Name & No. Haesi #1-3 Test No. 1 Date 7-27-06

Company Red Oak Energy Zone Tested Marrow Sand

Address 7201 E. Kellogg Wichita, KS 67207 Elevation 3785 KB 3775 GL

Co. Rep / Geo. Scott Banks Rig Murfin #14

Location: Sec. 3 Twp. 15s Rge. 41w Co. Wallace State KS

Comment: Release date / time:

Interval Tested 4940' 4995' Initial Str Wt./Lbs. 80,000 Unseated Str Wt/Lbs. 90,000

Anchor Length 55' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 110,000

Top Packer Depth 4935' Tool Weight 1,500

Bottom Packer Depth 4940' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 4995 Wt. Pipe Run ✓ Drill Collar Run 600'

Mud Wt. 9.2 LCM 3 Vis. 58 WL 8.0 Drill Pipe Size 4½ XH Ft. Run 4332'

Blow Description Wk's-Run,

Recovery - Total Feet 1540' GIP Ft. in DC Ft. in DP

Rec. 1540'	Feet of Mud	%gas	%oil	%water	100	%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 °F Gravity °API D @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 3200 ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud		2402 PSI	Recorder No.	6672	Test	X $1,000.00
(B) First Initial Flow Pressure		PSI	(depth)	4940'	Jars	X $250.00
(C) First Final Flow Pressure		PSI	Recorder No.		Safety Jt.	X $75.00
(D) Initial Shut-In Pressure		PSI	(depth)		Circ Sub	X N/C
(E) Second Initial Flow Pressure		PSI	Recorder No.	11020	Sampler	
(F) Second Final Flow Pressure		PSI	(depth)	4990'	Straddle	
(G) Final Shut-In Pressure		PSI	**Initial Opening**	—	Ext. Packer	
(Q) Final Hydrostatic Mud		2284 PSI	Initial Shut-In	—	Shale Packer	
			Final Flow	—	Ruined Packer	[redacted]
			Final Shut-In	—	Mileage X 160	200
			T-On Location	15:00 pm.	Sub Total:	1525
			T-Started	15:25 pm.	Std. By	=
			T-Open	17:52 pm.	Acc. Chg:	
			T-Pulled	18:10 pm.	Other:	
			T-Out	20:30 pm.	Total:	

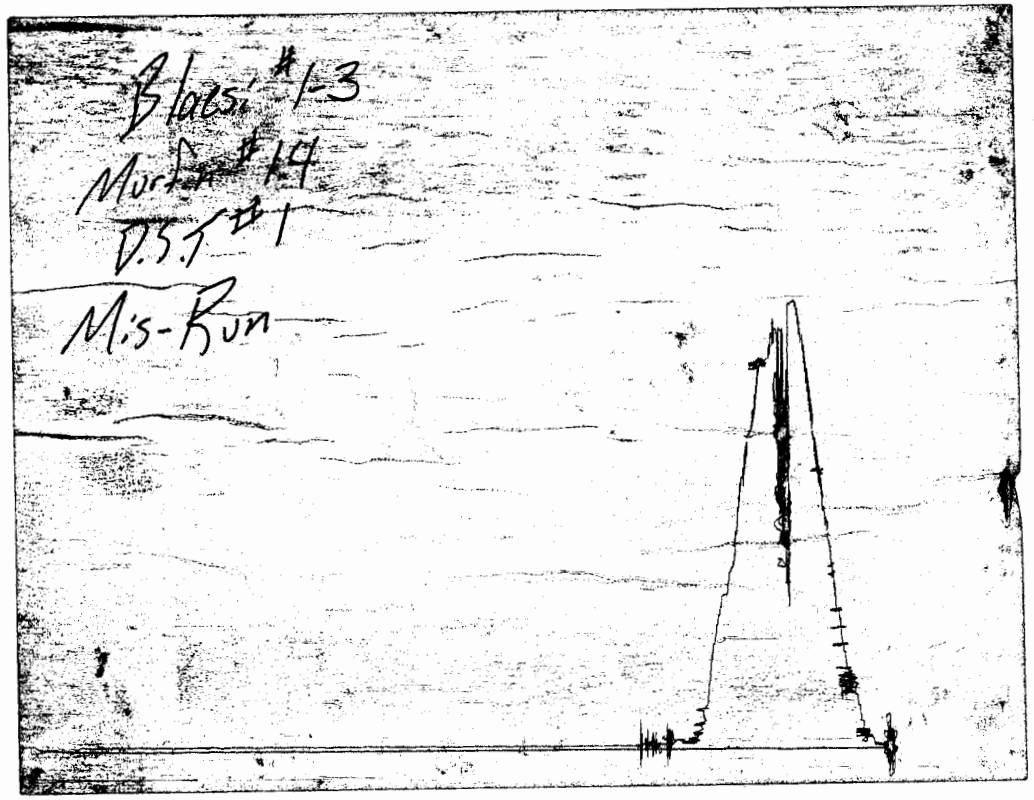
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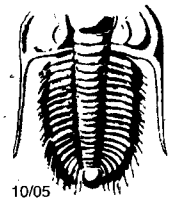
Approved By

Our Representative

CHART PAGE

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





10/05

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

№ 24187

Test Ticket

Well Name & No. Blaes #1-3 Test No. 2 Date 7-28-06

Company Red Oak Energy Zone Tested Marlow

Address 7701 E. Kellogg Wichita, KS 67207 Elevation 3785 KB 3775 GL

Co. Rep / Geo. Scott Banks Rig Martin #14

Location: Sec. 3 Twp. 15s Rge. 41w Co. Wallace State KS

Comment: Release date / time:

Interval Tested 4994' 5010' Initial Str Wt./Lbs. 85000 Unseated Str Wt/Lbs. 90,000

Anchor Length 16 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 110,000

Top Packer Depth 4989 Tool Weight 1500

Bottom Packer Depth 4994' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 5200 Wt. Pipe Run ✓ Drill Collar Run 600'

Mud Wt. 8.7 LCM 11 Vis. 51 WL 8.8 Drill Pipe Size 4½ XH Ft. Run 4370'

Blow Description IF; Return blow to 5½ in
IS; Return Surface blow
FF; Return blow to 4½ in.
ISI; No Return blow

Recovery - Total Feet 390' GIP Ft. in DC Ft. in DP

Rec. 390'	Feet of MSW	%gas	%oil	5 %water	95 %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 °API D @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 2,000 ppm System

	AK-1	Alpine				
(A) Initital Hydrostatic Mud		2390 PSI	Recorder No.	6672	Test	1100.00
(B) First Initial Flow Pressure		22 PSI	(depth)	4994'	Jars	250.00
(C) First Final Flow Pressure		90 PSI	Recorder No.		Safety Jt.	175.00
(D) Initial Shut-In Pressure		1023 PSI	(depth)		Circ Sub	N/C
(E) Second Initial Flow Pressure		105 PSI	Recorder No.	11020	Sampler	
(F) Second Final Flow Pressure		188 PSI	(depth)	5005'	Straddle	350.00
(G) Final Shut-In Pressure		1023 PSI	**Initial Opening**	30	Ext. Packer ✓	200
(Q) Final Hydrostatic Mud		2330 PSI	Initial Shut-In	45	Shale Packer	
			Final Flow	45	Ruined Packer	4200.00
			Final Shut-In	60	Mileage	160 / 200
			T-On Location	22:00 p.m.	Sub Total:	2385
			T-Started	22:40 p.m.	Std. By	
			T-Open	01:30 a.m.	Acc. Chg:	
			T-Pulled	04:30 a.m.	Other:	
			T-Out	07:00 a.m.	Total:	

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Approved By

Our Representative

CHART PAGE

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

