



DRILL STEM TEST REPORT

Prepared For: **Mull Drilling CO Inc**

PO Box 2755
Wichita KS 67201-2755

ATTN: Mark Shreve

3 20S 23W Ness KS

Stum #1-3

Start Date: 2006.08.08 @ 15:02:12

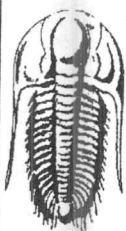
End Date: 2006.08.08 @ 23:54:11

Job Ticket #: 26777 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mull Drilling CO Inc

PO Box 2755
Wichita KS 67201-2755

ATTN: Mark Shreve

Stum #1-3

3 20S 23W Ness KS

Job Ticket: 26777

DST#: 1

Test Start: 2006.08.08 @ 15:02:12

GENERAL INFORMATION:

Formation: **Ft Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:30:11

Time Test Ended: 23:54:11

Interval: **4240.00 ft (KB) To 4295.00 ft (KB) (TVD)**

Total Depth: 4295.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 28

Reference Elevations: 2245.00 ft (KB)

2235.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8167

Inside

Press@RunDepth: 111.03 psig @ 4242.01 ft (KB)

Start Date: 2006.08.08

End Date:

2006.08.08

Start Time: 15:02:12

End Time:

23:54:11

Capacity: 7000.00 psig

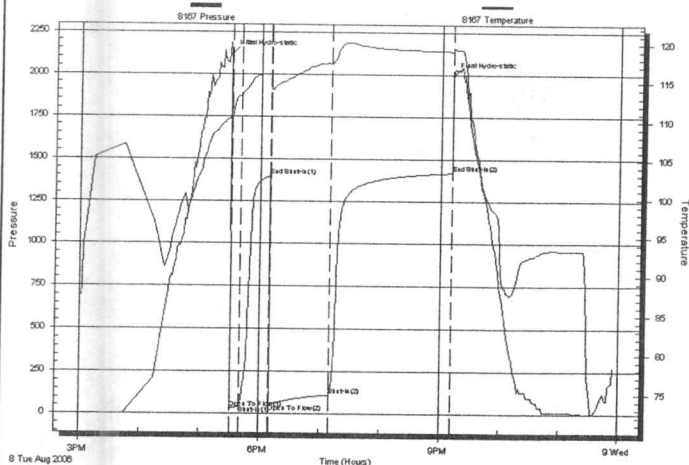
Last Calib.: 2006.08.09

Time On Btm: 2006.08.08 @ 17:29:41

Time Off Btm: 2006.08.08 @ 21:11:41

TEST COMMENT: IFP Wk to strg in 3 min
FFP Strg bl thru-out
Times 10 30 60 120
ISIP No bl

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2116.29	110.59	Initial Hydro-static
1	27.90	110.19	Open To Flow (1)
11	45.85	113.30	Shut-In (1)
40	1397.62	115.98	End Shut-In (1)
41	59.59	114.00	Open To Flow (2)
100	111.03	117.39	Shut-In (2)
222	1417.61	119.04	End Shut-In (2)
222	1990.92	119.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
140.00	GOCM 55%G 15%O 30%M	1.96
123.00	GMO 40%G 50%O 10%M	1.73
0.00	3330' GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drilling CO Inc

PO Box 2755
Wichita KS 67201-2755

ATTN: Mark Shreve

Stum #1-3

3 20S 23W Ness KS

Job Ticket: 26777

DST#: 1

Test Start: 2006.08.08 @ 15:02:12

Tool Information

Drill Pipe: Length: 4240.00 ft Diameter: 3.80 inches Volume: 59.48 bbl
Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl
Drill Collar: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl
Total Volume: 59.48 bbl

Drill Pipe Above KB: 21.00 ft
Depth to Top Packer: 4240.00 ft
Depth to Bottom Packer: ft
Interval between Packers: 55.02 ft
Tool Length: 76.02 ft

Number of Packers: 2 Diameter: 6.75 inches

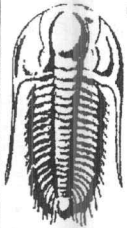
Tool Comments:

Tool Weight: 2200.00 lb
Weight set on Packer: 25000.00 lb
Weight to Pull Loose: 55000.00 lb
Tool Chased 0.00 ft
String Weight: Initial 45000.00 lb
Final 45000.00 lb

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4220.00	
Shut In Tool	5.00			4225.00	
Hydraulic tool	5.00			4230.00	
Packer	5.00			4235.00	21.00 Bottom Of Top Packer
Packer	5.00			4240.00	
Stubb	1.00			4241.00	
Perforations	1.00			4242.00	
Recorder	0.01	8167	Inside	4242.01	
Blank Spacing	31.00			4273.01	
Recorder	0.01	13534	Outside	4273.02	
Perforations	19.00			4292.02	
Bullnose	3.00			4295.02	55.02 Bottom Packers & Anchor

Total Tool Length: 76.02



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling CO Inc

Stum #1-3

PO Box 2755
Wichita KS 67201-2755

3 20S 23W Ness KS

Job Ticket: 26777

DST#: 1

ATTN: Mark Shreve

Test Start: 2006.08.08 @ 15:02:12

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: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.33 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
140.00	GOCM 55%G 15%O 30%M	1.964
123.00	GMO 40%G 50%O 10%M	1.725
0.00	3330 ' GIP	0.000

Total Length: 263.00 ft

Total Volume: 3.689 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8167

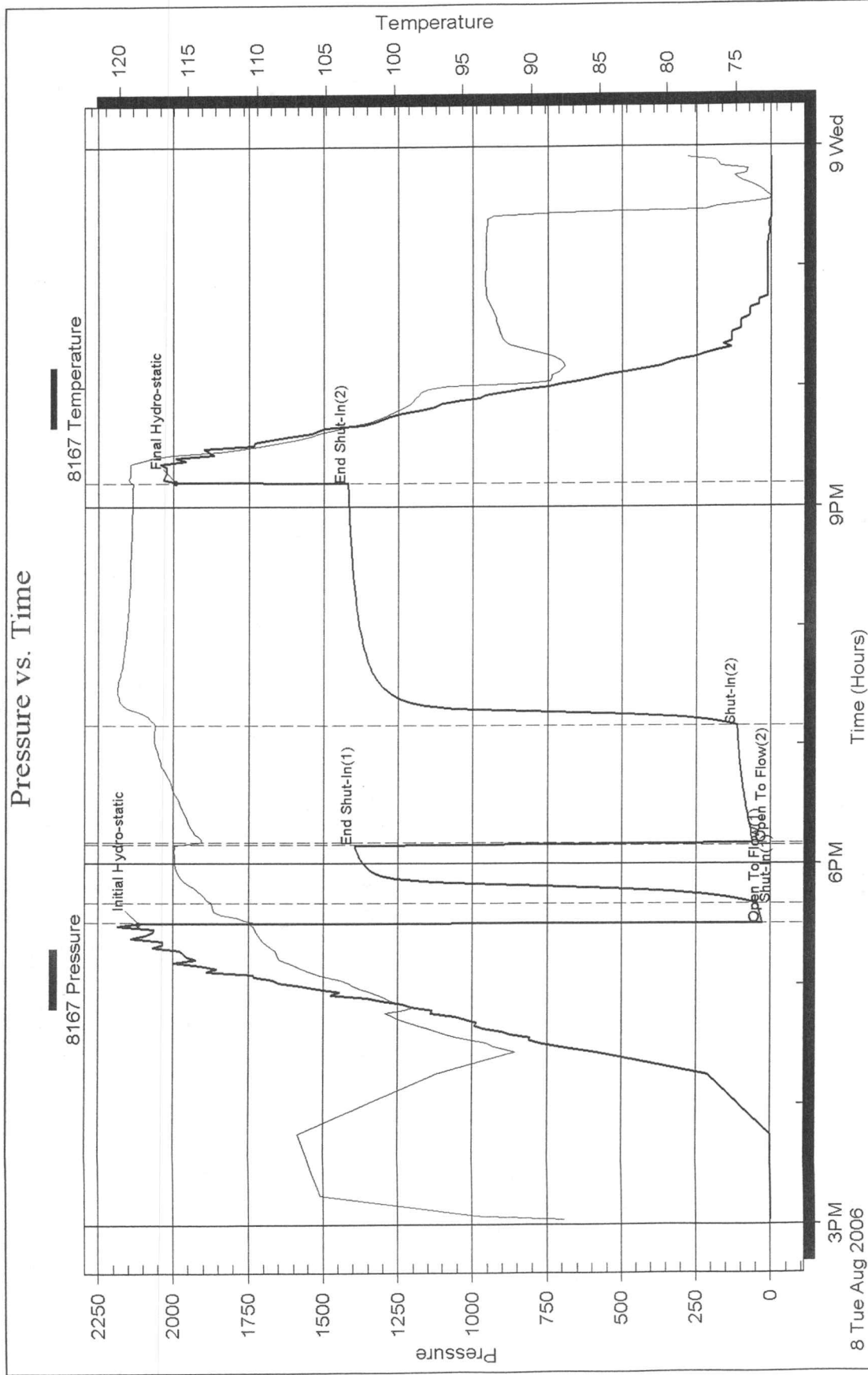
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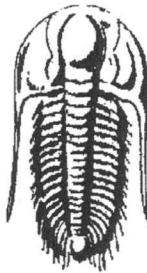
Mull Drilling CO Inc

3 20S 23W Ness KS

DST Test Number: 1

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Mull Drilling CO Inc**

PO Box 2755
Wichita KS 67201-2755

ATTN: Mark Shreve

3 20S 23W Ness KS

Stum #1-3

Start Date: 2006.08.09 @ 19:27:26

End Date: 2006.08.10 @ 04:35:55

Job Ticket #: 26778

DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
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DRILL STEM TEST REPORT

Mull Drilling CO Inc

PO Box 2755
Wichita KS 67201-2755

ATTN: Mark Shreve

Stum #1-3

3 20S 23W Ness KS

Job Ticket: 26778

DST#: 2

Test Start: 2006.08.09 @ 19:27:26

GENERAL INFORMATION:

Formation: **Cher Sd**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:43:25

Time Test Ended: 04:35:55

Interval: **4285.00 ft (KB) To 4365.00 ft (KB) (TVD)**

Total Depth: 4365.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 28

Reference Elevations: 2245.00 ft (KB)

2235.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8167 Inside

Press@RunDepth: 82.47 psig @ 4295.01 ft (KB)

Start Date: 2006.08.09

End Date:

2006.08.10

Start Time: 19:27:26

End Time:

04:35:55

Capacity: 7000.00 psig

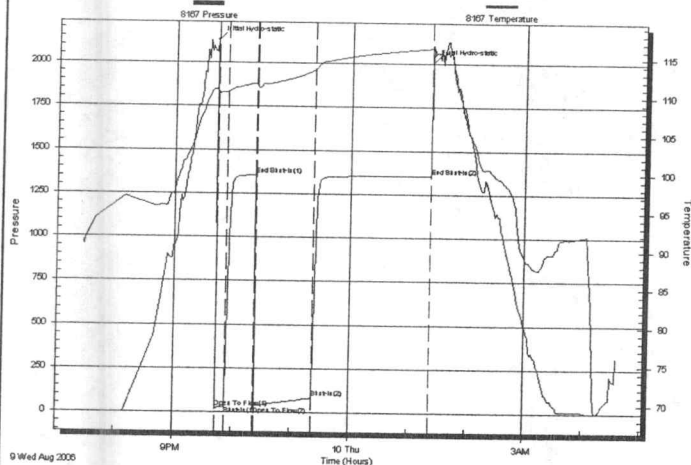
Last Calib.: 2006.08.10

Time On Btm: 2006.08.09 @ 21:42:55

Time Off Btm: 2006.08.10 @ 01:23:25

TEST COMMENT: IFP Wk bl thru-out 1/4 " to 1 1/2 " bl
FFP No bl 1st 5 min then w k bl thru-out 1/4 " bl
Times 10 30 60 120
No bl on shut-in

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2127.18	111.25	Initial Hydro-static
1	23.43	110.14	Open To Flow (1)
11	32.98	110.52	Shut-In(1)
40	1352.45	111.71	End Shut-In(1)
41	35.37	111.31	Open To Flow (2)
100	82.47	113.44	Shut-In(2)
220	1353.08	116.38	End Shut-In(2)
221	2003.12	116.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	SWCM 15%W 85%M w/show of Oil	1.75

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drilling CO Inc

PO Box 2755
Wichita KS 67201-2755

ATTN: Mark Shreve

Stum #1-3

3 20S 23W Ness KS

Job Ticket: 26778

DST#: 2

Test Start: 2006.08.09 @ 19:27:26

Tool Information

Drill Pipe:	Length:	4274.00 ft	Diameter:	3.80 inches	Volume:	59.95 bbl	Tool Weight:	2200.00 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:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	55000.00 lb
					Total Volume:	59.95 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		10.00 ft					String Weight: Initial	44000.00 lb
Depth to Top Packer:		4285.00 ft					Final	45000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		80.02 ft						
Tool Length:		101.02 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4265.00	
Shut In Tool	5.00			4270.00	
Hydraulic tool	5.00			4275.00	
Packer	5.00			4280.00	21.00 Bottom Of Top Packer
Packer	5.00			4285.00	
Stubb	1.00			4286.00	
Perforations	9.00			4295.00	
Recorder	0.01	8167	Inside	4295.01	
Perforations	3.00			4298.01	
Recorder	0.01	13534	Outside	4298.02	
Blank Spacing	63.00			4361.02	
Perforations	1.00			4362.02	
Bullnose	3.00			4365.02	80.02 Bottom Packers & Anchor

Total Tool Length: 101.02



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DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling CO Inc

Stum #1-3

PO Box 2755
Wichita KS 67201-2755

3 20S 23W Ness KS

Job Ticket: 26778

DST#: 2

ATTN: Mark Shreve

Test Start: 2006.08.09 @ 19:27:26

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:

9800 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.14 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	SWCM 15%W 85%M w/show of Oil	1.753

Total Length: 125.00 ft Total Volume: 1.753 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

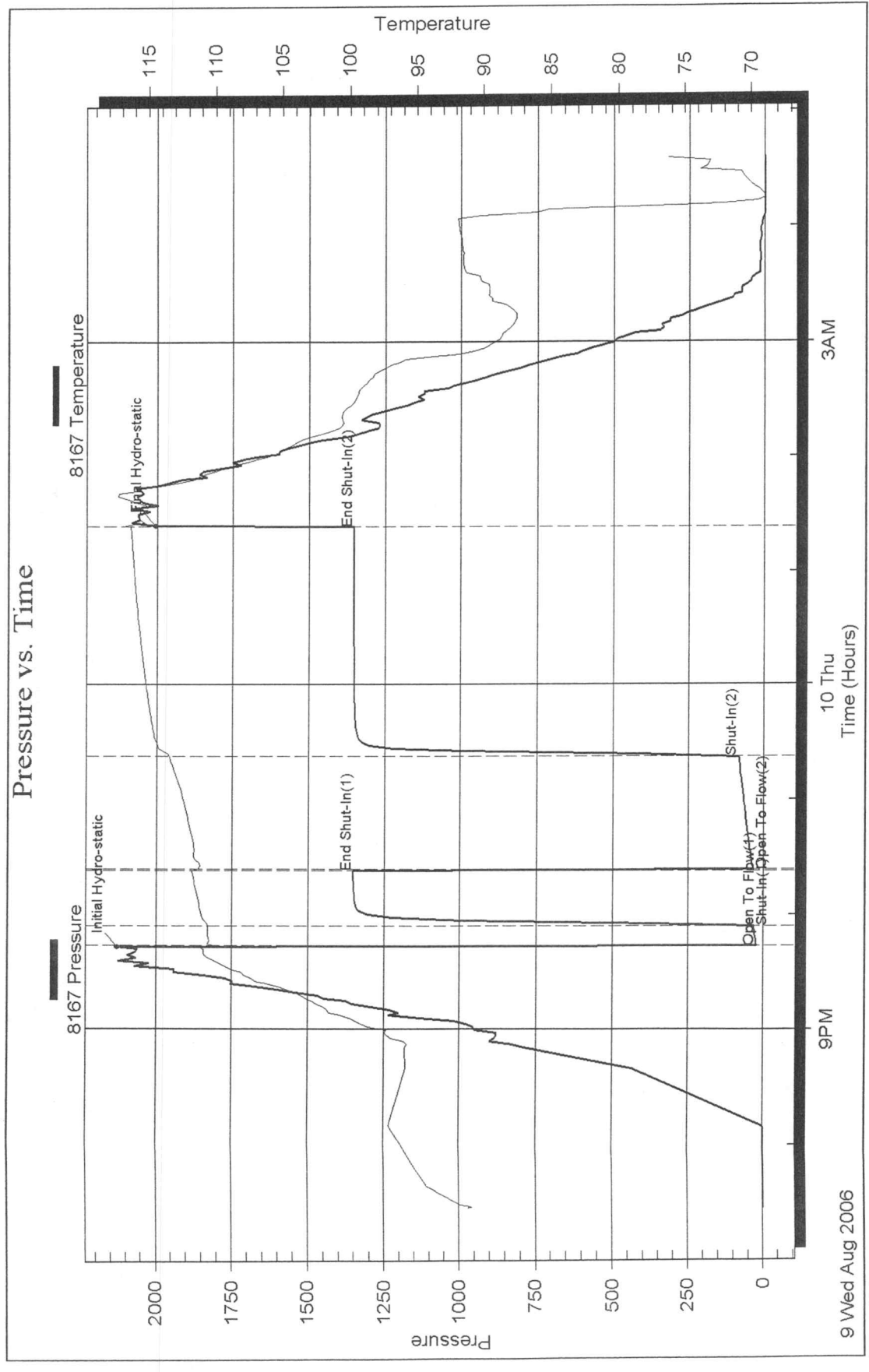
Recovery Comments: RW .58 @ 77F

Serial #: 8167

Inside Mull Drilling CO Inc

3 20S 23W Ness KS

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Mull Drilling CO Inc**

PO Box 2755
Wichita KS 67201-2755

ATTN: Mark Shreve

3 20S 23W Ness KS

Stum #1-3

Start Date: 2006.08.10 @ 11:55:10

End Date: 2006.08.10 @ 20:14:09

Job Ticket #: 26779 DST #: 3

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mull Drilling CO Inc

PO Box 2755
Wichita KS 67201-2755

ATTN: Mark Shreve

Stum #1-3

3 20S 23W Ness KS

Job Ticket: 26779

DST#: 3

Test Start: 2006.08.10 @ 11:55:10

GENERAL INFORMATION:

Formation: **Cher Sd**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:39:39

Time Test Ended: 20:14:09

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 28

Interval: **4315.00 ft (KB) To 4370.00 ft (KB) (TVD)**

Total Depth: 4370.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2245.00 ft (KB)

2235.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8167

Inside

Press@RunDepth: 1272.52 psig @ 4317.01 ft (KB)

Start Date: 2006.08.10

End Date:

2006.08.10

Start Time: 11:55:10

End Time:

20:14:09

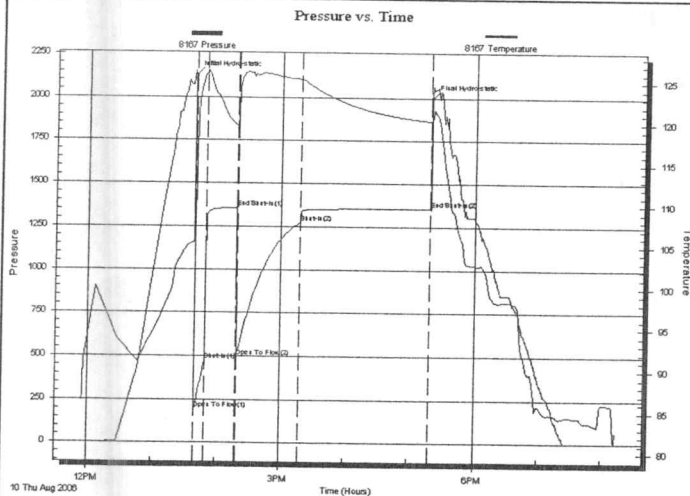
Capacity: 7000.00 psig

Last Calib.: 2006.08.10

Time On Btm: 2006.08.10 @ 13:39:09

Time Off Btm: 2006.08.10 @ 17:20:09

TEST COMMENT: IFP Strg bl in 1 min
FFP Strg bl in 1 min
Times 10 30 60 120
No bl on shut-in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2129.23	105.84	Initial Hydro-static
1	192.75	105.52	Open To Flow (1)
10	472.12	126.08	Shut-In (1)
40	1356.45	119.63	End Shut-In (1)
40	492.04	119.04	Open To Flow (2)
99	1272.52	125.35	Shut-In (2)
220	1356.92	120.31	End Shut-In (2)
221	1999.86	120.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
165.00	MW 15%M 85%W	2.31
2635.00	Water	36.96

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drilling CO Inc

PO Box 2755
Wichita KS 67201-2755

ATTN: Mark Shreve

Stum #1-3

3 20S 23W Ness KS

Job Ticket: 26779

DST#: 3

Test Start: 2006.08.10 @ 11:55:10

Tool Information

Drill Pipe:	Length:	4304.00 ft	Diameter:	3.80 inches	Volume:	60.37 bbl	Tool Weight:	2200.00 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:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	75000.00 lb
					Total Volume:	60.37 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		10.00 ft					String Weight: Initial	43000.00 lb
Depth to Top Packer:		4315.00 ft					Final	56000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		56.02 ft						
Tool Length:		77.02 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4295.00	
Shut In Tool	5.00			4300.00	
Hydraulic tool	5.00			4305.00	
Packer	5.00			4310.00	21.00 Bottom Of Top Packer
Packer	5.00			4315.00	
Stubb	1.00			4316.00	
Perforations	1.00			4317.00	
Recorder	0.01	8167	Inside	4317.01	
Blank Spacing	33.00			4350.01	
Recorder	0.01	13534	Outside	4350.02	
Perforations	18.00			4368.02	
Bullnose	3.00			4371.02	56.02 Bottom Packers & Anchor

Total Tool Length: 77.02



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling CO Inc

Stum #1-3

PO Box 2755
Wichita KS 67201-2755

3 20S 23W Ness KS

Job Ticket: 26779

DST#: 3

ATTN: Mark Shreve

Test Start: 2006.08.10 @ 11:55:10

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:

19000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
165.00	MW 15%M 85%W	2.315
2635.00	Water	36.962

Total Length: 2800.00 ft Total Volume: 39.277 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

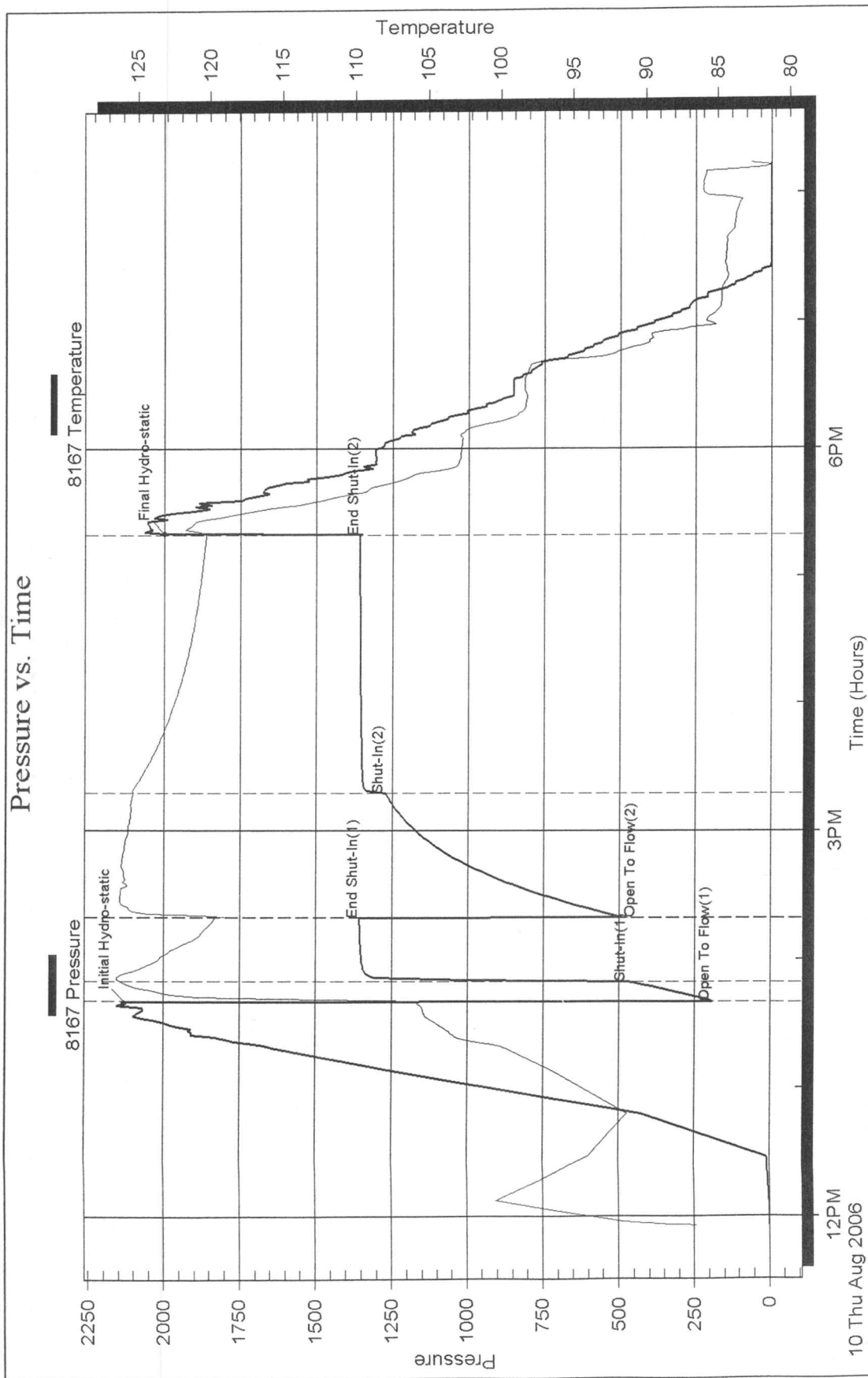
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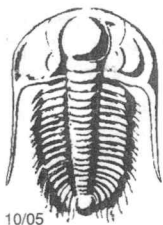
Laboratory Name:

Laboratory Location:

Recovery Comments: RW .35 @ 70F

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

9102

26777

Test Ticket

Well Name & No.	STUM #1-3		Test No.	1	Date	8-8-06
Company	Mull Drilling Co. Inc		Zone Tested	JT SCOTT		
Address	P.O. Box 2755 Wichita, KS 67201-2755		Elevation	2245	KB	2235 GL
Co. Rep / Geo.	Kevin Kessler		Rig	Southwind rig 1		
Location: Sec.	3	Twp.	20 ^s	Rge.	23 ^w	Co. Ness State KS
Comment:						Release date / time:

Interval Tested	4240 - 4295	Initial Str Wt./Lbs.	45000	Unseated Str Wt./Lbs.	45000
Anchor Length	55	Wt. Set Lbs.	25000	Wt. Pulled Loose/Lbs.	55000
Top Packer Depth	4235	Tool Weight	2200		
Bottom Packer Depth	4240	Hole Size 7 7/8"		Rubber Size 6 3/4"	
Total Depth	4295	Wt. Pipe Run		Drill Collar Run	
Mud Wt. 9.2 LCM 1# Vis. 52 WL 8.4		Drill Pipe Size	4 1/2 x H	Ft. Run	4240

Blow Description IFP - WEAK TO STRONG IN 3 MIN
FFP - STRONG BLOW THRU-OUT
ISIP - NO BLOW
FSIP - SURFACE BLOW BACK

Recovery - Total Feet	263	GIP	3330	Ft. in DC		Ft. in DP	263
Rec. 140	Feet of 60 CM	55	%gas 15	%oil	%water 30	%mud	
Rec. 123	Feet of 6 MO	40	%gas 50	%oil	%water 10	%mud	
Rec.	Feet of		%gas	%oil	%water	%mud	
Rec.	Feet of		%gas	%oil	%water	%mud	
Rec.	Feet of		%gas	%oil	%water	%mud	
BHT 119	*F Gravity 35	*API D @ 60	*F Corrected Gravity 35		*API		
RW	@	*F	Chlorides	ppm Recovery	Chlorides 7000	ppm System	

(A) Initial Hydrostatic Mud	AK-1	Alpine	2063	PSI	Recorder No.	8167	Test	1100	1100
(B) First Initial Flow Pressure			27	PSI	(depth)	4242	Jars		
(C) First Final Flow Pressure			45	PSI	Recorder No.	13534	Safety Jt.		
(D) Initial Shut-In Pressure			1397	PSI	(depth)	4273	Circ Sub		
(E) Second Initial Flow Pressure			59	PSI	Recorder No.		Sampler		
(F) Second Final Flow Pressure			111	PSI	(depth)		Straddle		
(G) Final Shut-In Pressure			1417	PSI	Initial Opening	10	Ext. Packer		
(Q) Final Hydrostatic Mud			2021	PSI	Initial Shut-In	30	Shale Packer		

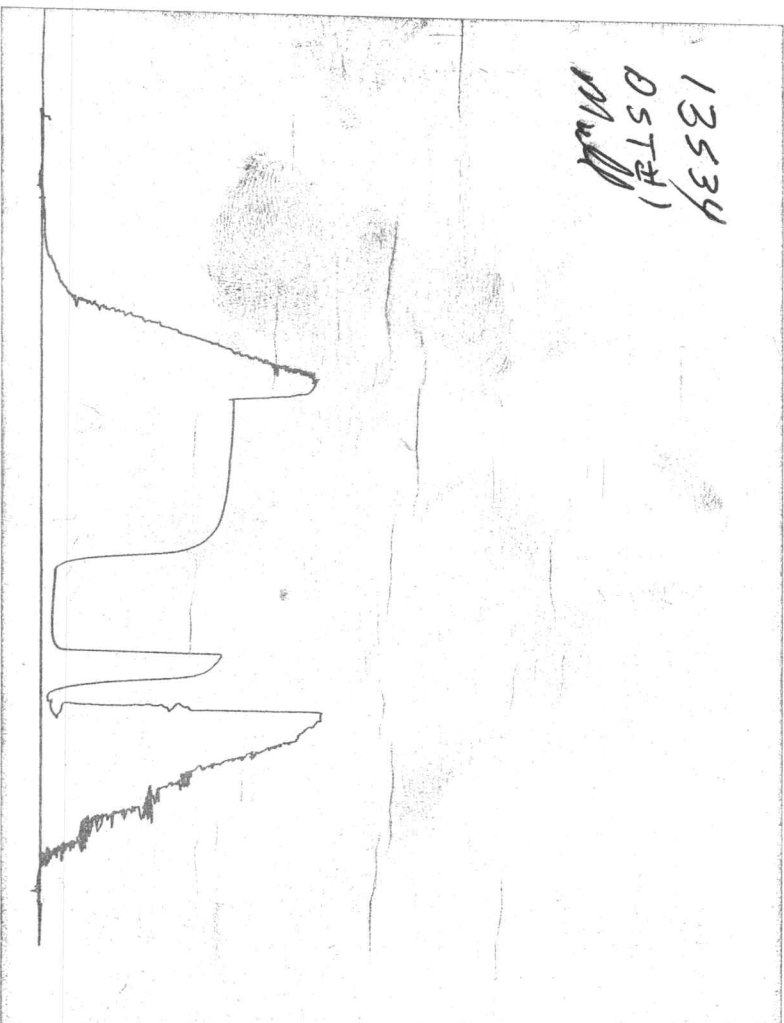
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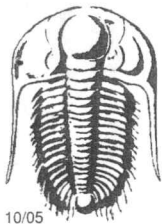
Approved By Kevin Kessler

Our Representative RAY SCHWAGER Thank you

Final Flow	60	Ruined Packer	
Final Shut-In	120	Mileage	140 RT 175
T-On Location	1330	Sub Total:	1275
T-Started	1502	Std. By	15 75
T-Open	1730	Acc. Chg:	
T-Pulled	2110	Other:	
T-Out	2354	Total:	41350

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26778

Test Ticket

Well Name & No. STum #1-3 Test No. 2 Date 8-9-06
 Company Mull Drilling Co., Inc Zone Tested ~~Cher 5d~~ Cher 5d
 Address P.O. Box 2755 Wichita, KS 67201-2755 Elevation 2245 KB 2235 GL
 Co. Rep / Geo. Kevin Kessler Rig Southwind rig 1
 Location: Sec. 3 Twp. 20^s Rge. 23^w Co. Ness State KS
 Comment: _____ Release date / time: _____

Interval Tested 4285-4365 Initial Str Wt./Lbs. 44000 Unseated Str Wt/Lbs. 45000
 Anchor Length 80 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 55000
 Top Packer Depth 4280 Tool Weight 2200
 Bottom Packer Depth 4285 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4365 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9.1 LCM 1[#] Vis. 55 WL 9.2 Drill Pipe Size 4 1/2 X 4 Ft. Run 4274
 Blow Description IFP- WEAK Blow thru-out 1/4" To 1 1/2" Blow
FFP- NO Blow 15 min, Then weak Blow thru-out, 1/4" Blow
ISIP- NO Blow
FSIP- NO Blow

Recovery - Total Feet 125 GIP - Ft. in DC - Ft. in DP 125
 Rec. 125 Feet of SWCM %gas _____ %oil 15 %water 85 %mud _____
 Rec. _____ Feet of w/slow go 0.1 %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 116 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .58 @ 77 °F Chlorides 9800 ppm Recovery _____ Chlorides 7000 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	2129 PSI	Recorder No.	8167	Test	✓ 1100 ^{so}
(B) First Initial Flow Pressure			23 PSI	(depth)	4295	Jars	✓ 250
(C) First Final Flow Pressure			32 PSI	Recorder No.	13534	Safety Jt.	
(D) Initial Shut-In Pressure			1352 PSI	(depth)	4298	Circ Sub	
(E) Second Initial Flow Pressure			35 PSI	Recorder No.	-	Sampler	
(F) Second Final Flow Pressure			82 PSI	(depth)	-	Straddle	
(G) Final Shut-In Pressure			1353 PSI	Initial Opening	10	Ext. Packer	
(Q) Final Hydrostatic Mud			2062 PSI	Initial Shut-In	30	Shale Packer	

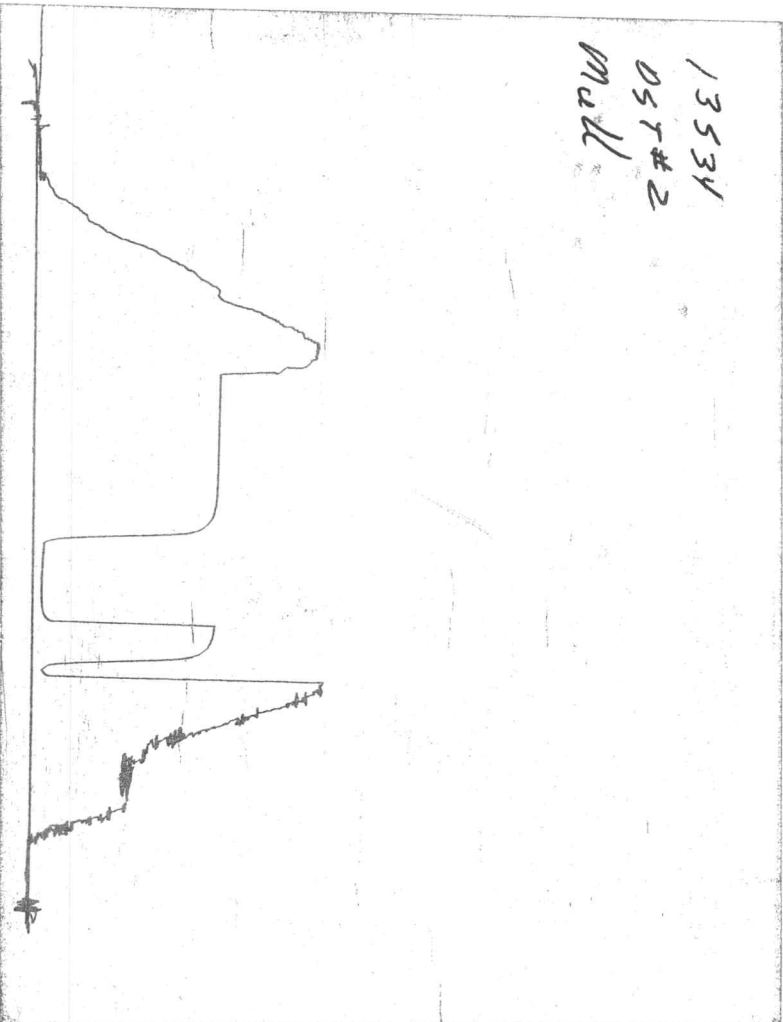
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

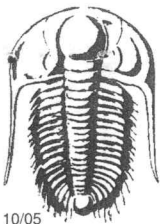
Approved By Kevin Kessler T-Started 1927
 Our Representative RAY Schwager T-Open 2045
Thank you T-Pulled 0125
 T-Out 0435

Test ✓ 1100^{so}
 Jars ✓ 250
 Safety Jt. _____
 Circ Sub _____
 Sampler _____
 Straddle _____
 Ext. Packer _____
 Shale Packer _____
 Ruined Packer _____
 Mileage ✓ 20 RT 25
 Sub Total: 1375
 Std. By Chr 25
 Acc. Chg: _____
 Other: _____
 Total: 11400

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26779

Test Ticket

Well Name & No.	STUM #1-3	Test No.	3	Date	8-10-06
Company	Mull Drilling Co Inc	Zone Tested	CLER SD		
Address	P.O. Box 2755 WICHITA, K067201-2755	Elevation	2245	KB	2235 GL
Co. Rep / Geo.	Kevin Kessler	Rig	Southwind rig 1		
Location: Sec.	3	Twp.	20 ^S	Rge.	23 ^W
		Co.	Ness	State	K0
Comment:		Release date / time:			

Interval Tested	4315-4370	Initial Str Wt./Lbs.	43000	Unseated Str Wt./Lbs.	56000
Anchor Length	55	Wt. Set Lbs.	25000	Wt. Pulled Loose/Lbs.	75000
Top Packer Depth	4310	Tool Weight	2200		
Bottom Packer Depth	4315	Hole Size 7 7/8"	-	Rubber Size 6 3/4"	-
Total Depth	4370	Wt. Pipe Run	-	Drill Collar Run	-
Mud Wt.	9	Drill Pipe Size	4 1/2 XH	Ft. Run	4304
LCM	1#				
Vis.	59				
WL	8				
Blow Description	IFP - STRONG BLOW IN 1 MIN FFP - STRONG BLOW IN 1 MIN ISIP - NO BLOW FSIP - NO BLOW				

Recovery - Total Feet	2800	GIP	-	Ft. in DC	-	Ft. in DP	2800
Rec.	165	Feet of	MW	%gas		%oil	85
				%water		%mud	15
Rec.	2635	Feet of	WATER	%gas		%oil	
				%water		%mud	
Rec.		Feet of		%gas		%oil	
				%water		%mud	
Rec.		Feet of		%gas		%oil	
				%water		%mud	
BHT	120	*F Gravity		*API D @		*F Corrected Gravity	
				*API			
RW	.35	@	70	*F	Chlorides	19000	ppm Recovery
					Chlorides	7000	ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	2622	PSI	Recorder No.	8167	Test	1100
(B) First Initial Flow Pressure			192	PSI	(depth)	4317	Jars	250
(C) First Final Flow Pressure			472	PSI	Recorder No.	13534	Safety Jt.	
(D) Initial Shut-In Pressure			1356	PSI	(depth)	4350	Circ Sub	
(E) Second Initial Flow Pressure			492	PSI	Recorder No.	-	Sampler	
(F) Second Final Flow Pressure			1272	PSI	(depth)	-	Straddle	
(G) Final Shut-In Pressure			1356	PSI	Initial Opening	10	Ext. Packer	
(Q) Final Hydrostatic Mud			2053	PSI	Initial Shut-In	30	Shale Packer	

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Approved By Ken Kessler
Our Representative Ray Schwager Thank you

Final Flow	60	Test	1100
Final Shut-In	120	Jars	250
T-On Location	1130	Safety Jt.	
T-Started	1155	Circ Sub	
T-Open	1345	Sampler	
T-Pulled	1725	Straddle	
T-Out	2014	Ext. Packer	
		Shale Packer	
		Ruined Packer	
		Mileage	20 RT 25
		Sub Total:	1325
		Std. By	
		Acc. Chg:	
		Other:	
		Total:	

CHART PAGE

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

