



15-135-24332

DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21098.D67

Company Mull Drilling Company, Inc. Lease & Well No. Schreiber Trust "A" No. 1-22
 Elevation 2468 KB Formation Cherokee Effective Pay -- Ft. Ticket No. 1956
 Date 2-02-05 Sec. 22 Twp. 16S Range 23W County Ness State Kansas
 Test Approved By Kevin L. Kessler Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 4,370 ft. to 4,445 ft. Total Depth 4,445 ft.
 Packer Depth 4,365 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Packer Depth 4,370 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,353 ft. Recorder Number 21098 Cap. 5,000 psi
 Bottom Recorder Depth (Outside) 4,442 ft. Recorder Number 13387 Cap. 4,000 psi
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Duke Drilling Co., Inc. - Rig 4 Drill Collar Length -- ft. I.D. -- in.
 Mud Type Chemical Viscosity 45 Weight Pipe Length -- ft. I.D. -- in.
 Weight 9.3 Water Loss 10.0 cc. Drill Pipe Length 4,340 ft. I.D. 3 1/2 in.
 Chlorides 3,000 P.P.M. Test Tool Length 30 ft. Tool Size 3 1/2 - IF in.
 Jars: Make Bowen Serial Number No. 1 Anchor Length 75 ft. Size 4 1/2 - FH in.
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1/8 in., blow increasing to 1/2 in. Decreasing in 20 mins. Weak surface blow at end.
 2nd Open: No blow.

Recovered 5 ft. of drilling mud = .071000 bbls. (Grind out: 100%-mud)
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Remarks Tool Sample Grind Out: 100%-drilling mud with a few oil specks

Time Set Packer(s)	<u>1:16</u>	P.M. <u>A.M.</u>	Time Started Off Bottom	<u>6:01</u>	P.M. <u>A.M.</u>	Maximum Temperature	<u>114°</u>
Initial Hydrostatic Pressure			(A)	<u>2074</u>	P.S.I.		
Initial Flow Period	Minutes	<u>45</u>	(B)	<u>1</u>	P.S.I. to (C)	<u>11</u>	P.S.I.
Initial Closed In Period	Minutes	<u>60</u>	(D)	<u>32</u>	P.S.I.		
Final Flow Period	Minutes	<u>60</u>	(E)	<u>10</u>	P.S.I. to (F)	<u>12</u>	P.S.I.
Final Closed In Period	Minutes	<u>120</u>	(G)	<u>27</u>	P.S.I.		
Final Hydrostatic Pressure			(H)	<u>2061</u>	P.S.I.		



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FLUID SAMPLE DATA

Company Mull Drilling Company, Inc.
 Lease & Well No. Schreiber Trust "A" No. 1-22
 Date 2-02-05 Sec. 22 Twp. 16 S Range 23 W
 Formation Test No. 1 Interval Tested From 4,370 ft. to 4,445 ft. Total Depth 4,445 ft.
 Formation Cherokee

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>45</u> CP	<u>49</u> CP
Weight	<u>9.3</u>	<u>9.4</u>
Water Loss	<u>10.0</u> CC	<u>9.6</u> CC
PH Factor	<u>10.0</u>	<u>10.0</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>--</u> @ <u>--</u> °F.	<u>--</u> ppm
Recovery Mud	<u>1.80</u> @ <u>58</u> °F.	<u>4,000</u> ppm
Recovery Mud Filtrate	<u>1.90</u> @ <u>64</u> °F.	<u>3,400</u> ppm
Mud Pit Sample	<u>1.70</u> @ <u>56</u> °F.	<u>4,400</u> ppm
Mud Pit Sample Filtrate	<u>1.90</u> @ <u>62</u> °F.	<u>3,800</u> ppm

Sample Taken By ROGER D. FRIEDLY

Witness By Kevin L. Kessler

Remarks Pit filtrate triton dish chlorides were 3,000 Ppm
Recovery filtrate triton dish chlorides were 2,800 Ppm

GENERAL INFORMATION

Client Information:

Company: MULL DRILLING COMPANY
Contact: ERNIE MORRISON
Phone: Fax: e-mail:

Site Information:

Contact: KEVIN KESSLER
Phone: Fax: e-mail:

Well Information:

Name: SCHRIEBER TRUST 'A' #1-22
Operator: MULL DRILLING COMPANY
Location-Downhole: DST #1 CHEROKEE 4,370' - 4,445
Location-Surface: SEC 22-16S-23W NESS COUNTY

Test Information:

Company: DIAMOND TESTING
Representative: ROGER D. FRIEDLY
Supervisor: KEVIN KESSLER
Test Type: CONVENTIONAL Job Number:
Test Unit: NO 1
Start Date: 2005/02/01 Start Time: 22:47:00
End Date: 2005/02/02 End Time: 08:27:50
Report Date: Prepared By:
Remarks: Qualified By:

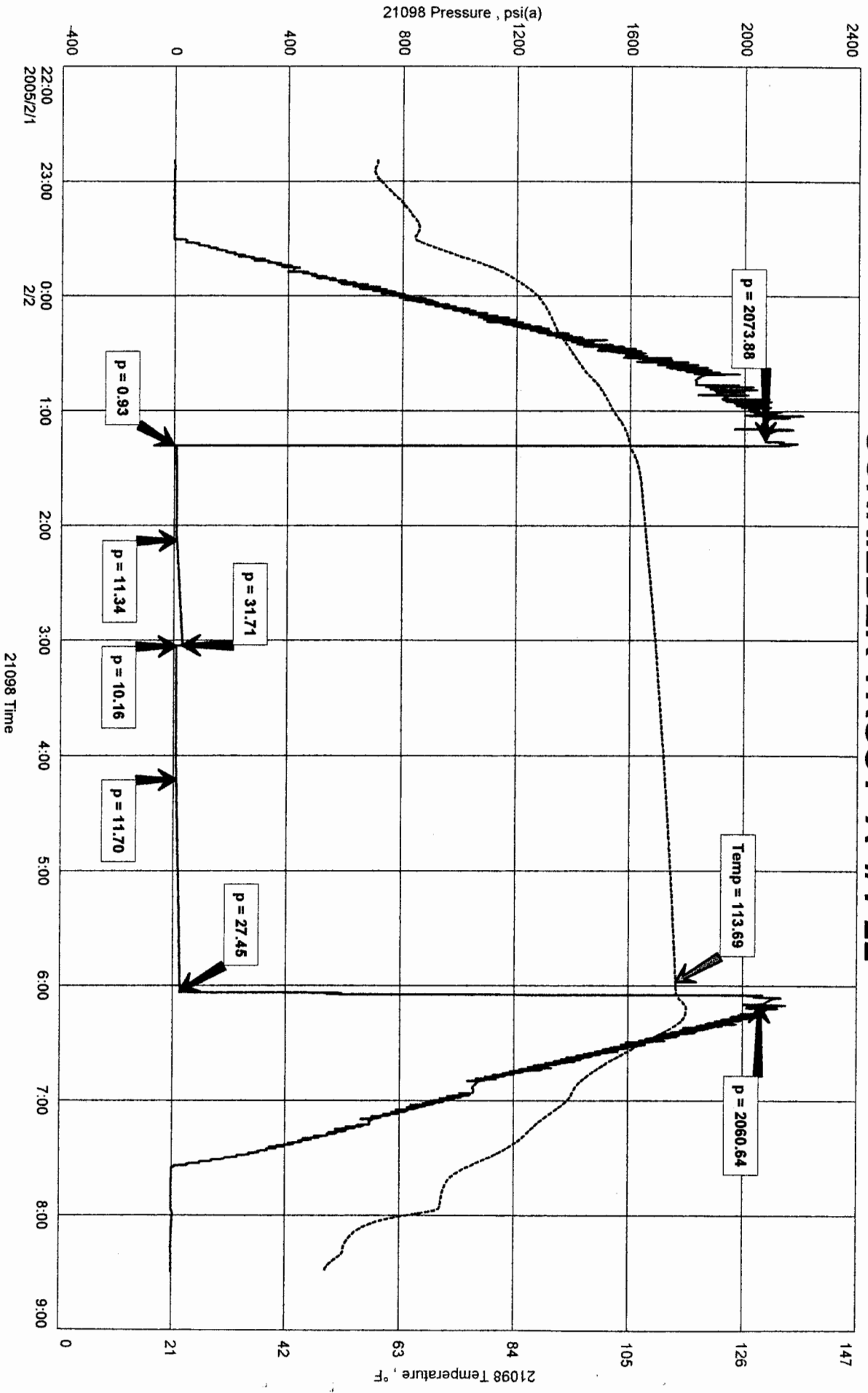
RECOVERED: 5' DRILLING MUD

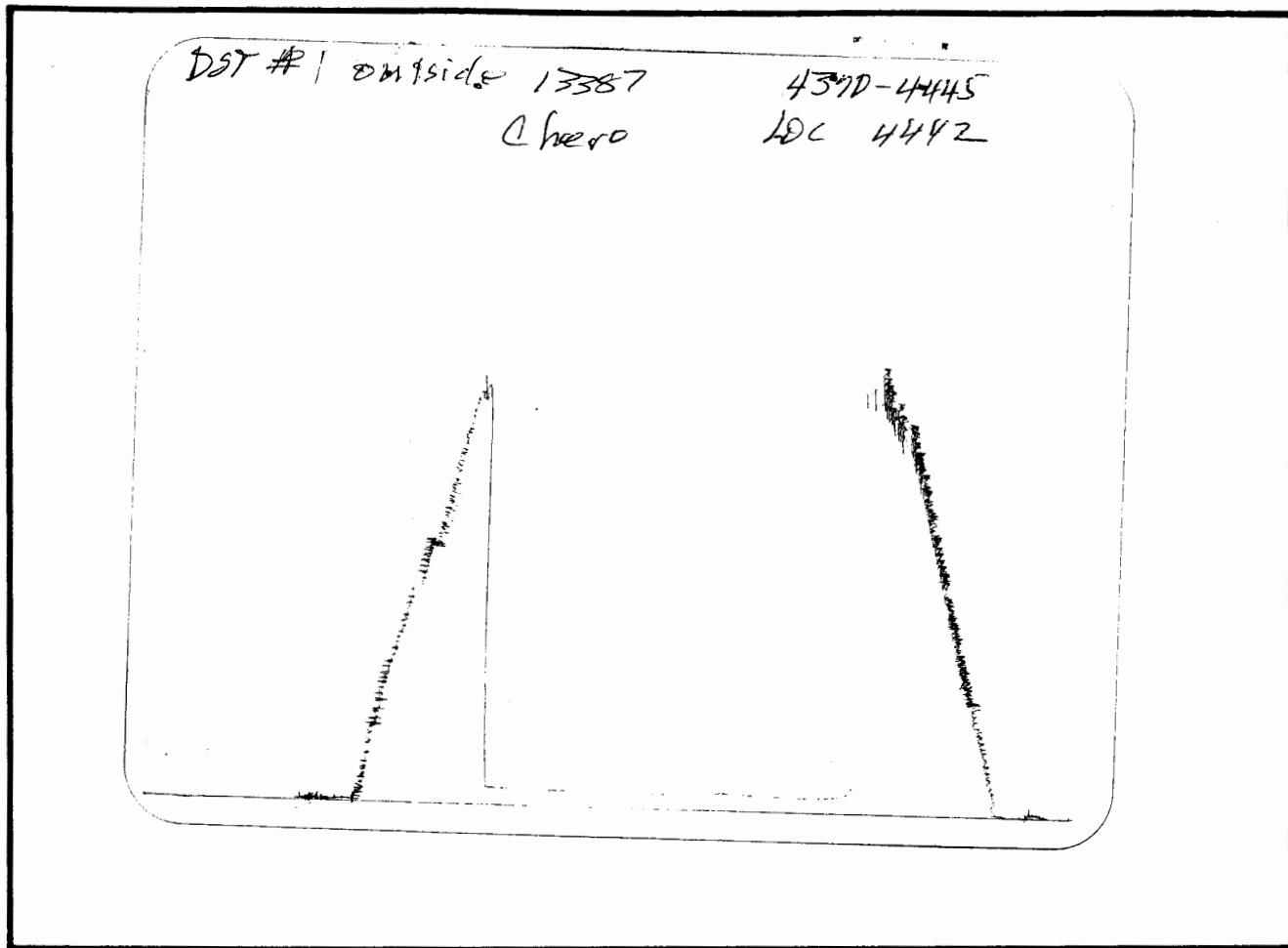
TOOL SAMPLE 100% DRILLING MUD WITH A FEW OIL SPECKS.

MULL DRILLING COMPANY
DST #1 CHEROKEE 4,370' - 4,445
Start Test Date: 2005/02/01
Final Test Date: 2005/02/02

SCHRIEBER TRUST 'A' #1-22

SCHRIEBER TRUST 'A' #1-2
Formation: DST #1 CHEROKEE 4,370' - 4,445
Pool: WILDCA

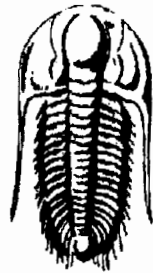




This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	PSI
	Field Reading			
(A) Initial Hydrostatic Mud	2074	2074	2074	PSI
(B) First Initial Flow Pressure.....	1	1	1	PSI
(C) First Final Flow Pressure	11	11	11	PSI
(D) Initial Closed-in Pressure	32	32	32	PSI
(E) Second Initial Flow Pressure	10	10	10	PSI
(F) Second Final Flow Pressure.....	12	12	12	PSI
(G) Final Closed-in Pressure.....	27	27	27	PSI
(H) Final Hydrostatic Mud	2061	2061	2061	PSI

15-135-24332



**TRILOBITE
TESTING, INC.**

**KCC
MAR 08 2005
CONFIDENTIAL**

DRILL STEM TEST REPORT

Prepared For: **Mull Drilling Company Inc.**

P. O. Box 2758
Wichita KS. 67201-2758

ATTN: Kevin Kessler

22-16S-23W Ness

Schreiber A #1-22

Start Date: 2005.02.03 @ 13:55:58

End Date: 2005.02.03 @ 22:34:13

Job Ticket #: 20422 DST #: **2**

*Schreiber
Trusts 'A'*

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Mull Drilling Company Inc.

Schreiber A #1-22

22-16S-23W Ness

DST # **2**

Cherokee

2005.02.03



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mull Drilling Company Inc.

Schreiber A #1-22

P. O. Box 2758
Wichita KS. 67201-2758

22-16S-23W Ness

Job Ticket: 20422

DST#: 1

ATTN: Kevin Kessler

Test Start: 2005.02.03 @ 13:55:58

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: **No Whipstock:** ft (KB)

Time Tool Opened: 15:33:13

Time Test Ended: 22:34:13

Test Type: Conventional Bottom Hole

Tester: Rod Steinbrink

Unit No: 22

Interval: **4398.00 ft (KB) To 4507.00 ft (KB) (TVD)**

Reference Elevations: 2468.00 ft (KB)

Total Depth: 4650.00 ft (KB) (TVD)

2459.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 6798

Inside

Press@RunDepth: 116.27 psig @ 4399.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2005.02.03

End Date:

2005.02.03

Last Calib.:

1899.12.30

Start Time: 13:56:03

End Time:

22:10:57

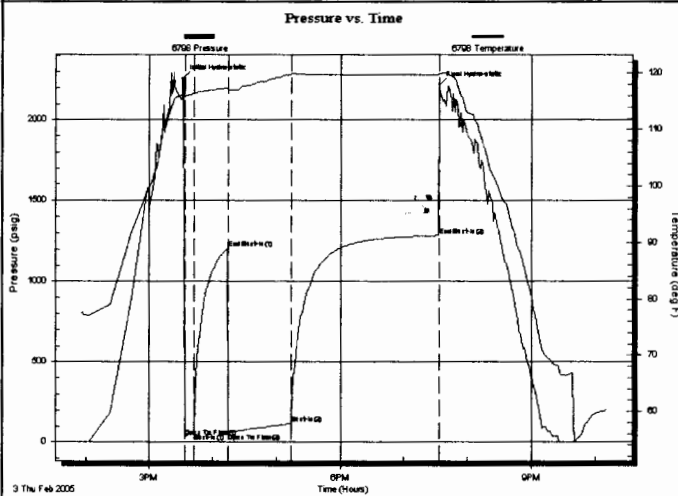
Time On Btm:

2005.02.03 @ 15:31:28

Time Off Btm:

2005.02.03 @ 19:33:58

TEST COMMENT: F; Weak surface blow built to 3"
FF; Weak 1/4" blow steady throughout



PRESSURE SUMMARY

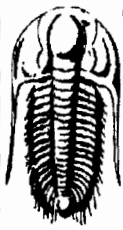
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2257.19	116.25	Initial Hydro-static
2	29.33	115.80	Open To Flow (1)
11	56.79	116.34	Shut-In(1)
43	1204.88	117.35	End Shut-In(1)
44	58.48	116.99	Open To Flow (2)
103	116.27	119.89	Shut-In(2)
242	1284.74	119.79	End Shut-In(2)
243	2218.39	119.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	Drig. Mud	1.98

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drilling Company Inc.

Schreiber A #1-22

P. O. Box 2758
Wichita KS. 67201-2758

22-16S-23W Ness

Job Ticket: 20422 **DST#: 1**

ATTN: Kevin Kessler

Test Start: 2005.02.03 @ 13:55:58

Tool Information

Drill Pipe:	Length: 4343.00 ft	Diameter: 3.80 inches	Volume: 60.92 bbl	Tool Weight: 3000.00 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: 60.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 61.22 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	4398.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	257.00 ft			
Tool Length:	283.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4377.00	
Hydraulic tool	5.00			4382.00	
Jars	5.00			4387.00	
Safety Joint	2.00			4389.00	
Packer	5.00			4394.00	26.00 Bottom Of Top Packer
Packer	4.00			4398.00	
Stubb	1.00			4399.00	
Recorder	0.00	6798	Inside	4399.00	
Perforations	8.00			4407.00	
Change Over Sub	1.00			4408.00	
Anchor	93.00			4501.00	
Change Over Sub	1.00			4502.00	
Recorder	0.00	13276	Outside	4502.00	
Perforations	5.00			4507.00	
Blank Off Sub	1.00			4508.00	257.00 Tool Interval
Packer	4.00			4512.00	
Stubb	1.00			4513.00	
Perforations	11.00			4524.00	
Change Over Sub	1.00			4525.00	
Anchor	124.00			4649.00	
Change Over Sub	1.00			4650.00	
Recorder	0.00	13309	Below	4650.00	
Bullnose	5.00			4655.00	1000282.00 Bottom Packers & Anchor
Total Tool Length:	283.00				



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FLUID SUMMARY

Mull Drilling Company Inc.

Schreiber A #1-22

P. O. Box 2758
Wichita KS. 67201-2758

22-16S-23W Ness

Job Ticket: 20422

DST#: 1

ATTN: Kevin Kessler

Test Start: 2005.02.03 @ 13:55:58

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: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2400.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	Drig. Mud	1.978

Total Length: 180.00 ft Total Volume: 1.978 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6798

Inside

Mull Drilling Company Inc.

22-16S-23W/Ness

DST Test Number: 1

