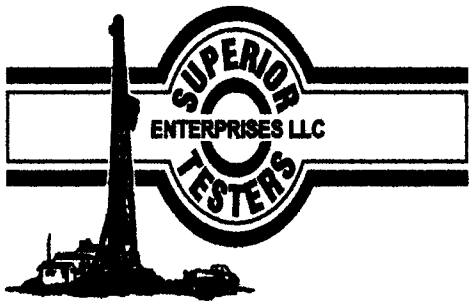
15-135-24837

24-16s-23w



DRILL STEM TEST REPORT

Prepared For: **MULL DRILLING INC.**

221 N MAIN STE 300
PO.BOX 2758
WICHITA KS 67202

ATTN: PHIL ASKEY

24-16-23

T OEDMAN 1-24

Start Date: 2008.09.03 @ 21:18:51
End Date: 2008.09.04 @ 06:25:21
Job Ticket #: 16830 DST #: 1

MULL DRILLING INC. T OEDMAN 1-24 24-16-23 DST #1 CHEROKEE SANDS 2008.09.03

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

DRILL STEM TEST REPORT

MULL DRILLING INC.

221 N MAIN STE 300
PO.BOX 2758
WICHITA KS 67202
ATTN: PHIL ASKEY

TOEDMAN 1-24

24-16-23

Job Ticket: 16830 **DST#: 1**

Test Start: 2008.09.03 @ 21:18:51

GENERAL INFORMATION:

Formation: **CHEROKEE SANDS**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 23:57:21
Time Test Ended: 06:25:21

Test Type: Conventional Bottom Hole
Tester: DAVID NICHOLS
Unit No: 3345 134 MILES GB

Interval: 4385.00 ft (KB) To 4432.00 ft (KB) (TVD)
Total Depth: 4432.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

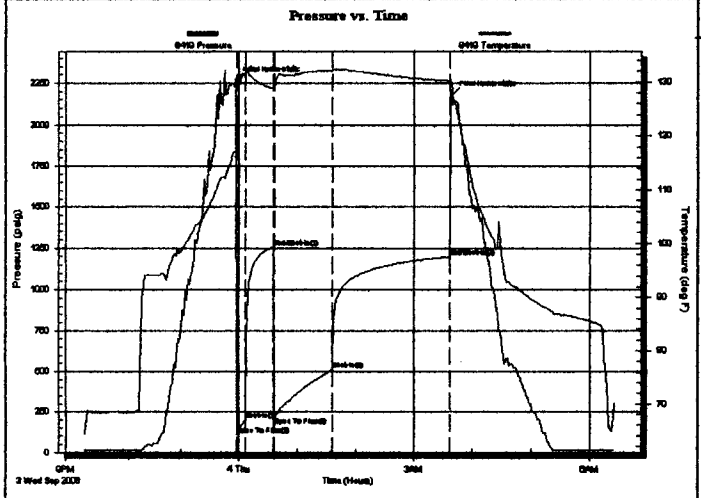
Reference Elevations: 2445.00 ft (KB)
2440.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8419

Press@RunDepth: 511.40 psig @ ft (KB)
Start Date: 2008.09.03 End Date: 2008.09.04
Start Time: 21:19:51 End Time: 06:25:21

Capacity: 5000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2008.09.03 @ 23:56:51
Time Off Btm: 2008.09.04 @ 03:39:21

TEST COMMENT: 10-INITIAL OPENING GOOD BLOW BOTTOM OF THE BUCKET IN 5 MINS
30- INITIAL SHUT IN NO BLOW BACK
60- FINAL OPENING GOOD BLOW BOTTOM OF THE BUCKET IN 6 MINS
120- FINAL SHUT IN NO BLOW BACK



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2268.52	117.06	Initial Hydro-static
1	109.08	116.35	Open To Flow (1)
10	202.55	131.60	Shut-In(1)
39	1253.34	128.82	End Shut-In(1)
39	219.12	128.50	Open To Flow (2)
100	511.40	132.04	Shut-In(2)
220	1195.63	130.17	End Shut-In(2)
223	2180.54	127.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	clean oil gravity 37 corrected	0.15
240.00	slightly oil cut muddy water5%65%mud	3(2.64
180.00	slightly oil cut muddy water5%o50%m	45'2.63
360.00	slightly oil cut water 2% oil 98% water	5.26
60.00	oil cut mud 5% oil 95% mud	0.88
120.00	water chlorides 45,000	1.75

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

MULL DRILLING INC.

221 N MAIN STE 300
PO.BOX 2758
WICHITA KS 67202
ATTN: PHIL ASKEY

T OEDMAN 1-24

24-16-23

Job Ticket: 16830 **DST#: 1**

Test Start: 2008.09.03 @ 21:18:51

Tool Information

Drill Pipe:	Length:	4219.00 ft	Diameter:	3.88 inches	Volume:	61.70 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:		20000.00 lb
Drill Collar:	Length:	120.00 ft	Diameter:	2.25 inches	Volume:	0.59 bbl	Weight to Pull Loose:		75000.00 lb
					Total Volume:	62.29 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		4.00 ft					String Weight:	Initial	52000.00 lb
Depth to Top Packer:		4365.00 ft						Final	58000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		67.70 ft							
Tool Length:		97.70 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
CIRCULATING SUB	1.00			4336.00		
CHANGE OVER SUB	1.00			4337.00		
SHUT IN TOOL	5.00			4342.00		
HYDROLIC TOOL	5.00		Fluid	4347.00		
JARS	6.00			4353.00		
SAFETY JOINT	2.00			4355.00		
Packer	5.00			4360.00	30.00	Bottom Of Top Packer
Packer	5.00		Inside	4365.00		
STUBB	0.00			4365.00		
Anchor	30.00			4395.00		
CHANGE OFFER	0.75			4395.75		
DRILL PIPE	31.20			4426.95		
CHANGE OFFER	0.75			4427.70		
BULL PLUG	5.00			4432.70	67.70	Bottom Packers & Anchor
Total Tool Length:	**97.70**					

DRILL STEM TEST REPORT

FLUID SUMMARY

MULL DRILLING INC.

221 N MAIN STE 300
PO.BOX 2758
WICHITA KS 67202
ATTN: PHIL ASKEY

OEDMAN 1-24

24-16-23

Job Ticket: 16830 **DST#: 1**

Test Start: 2008.09.03 @ 21:18:51

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	37 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	54.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.99 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4100.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	clean oil gravity 37 corrected	0.148
240.00	slightly oil cut muddy w ater5%65%mud30%w	2.636
180.00	slightly oil cut muddy w ater5%o50%m45%w	2.632
360.00	slightly oil cut w ater 2% oil 98% w ater	5.265
60.00	oil cut mud 5% oil 95% mud	0.877
120.00	w ater chlorides 45,000	1.755

Total Length: 990.00 ft Total Volume: 13.313 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: chlorides 45000
resistivity .3 @65 degrees

SUPERIOR TESTERS ENTERPRISES L.L.C.

RECOVERY BREAK DOWN

GREAT BEND,KANSAS (800) 792-6902

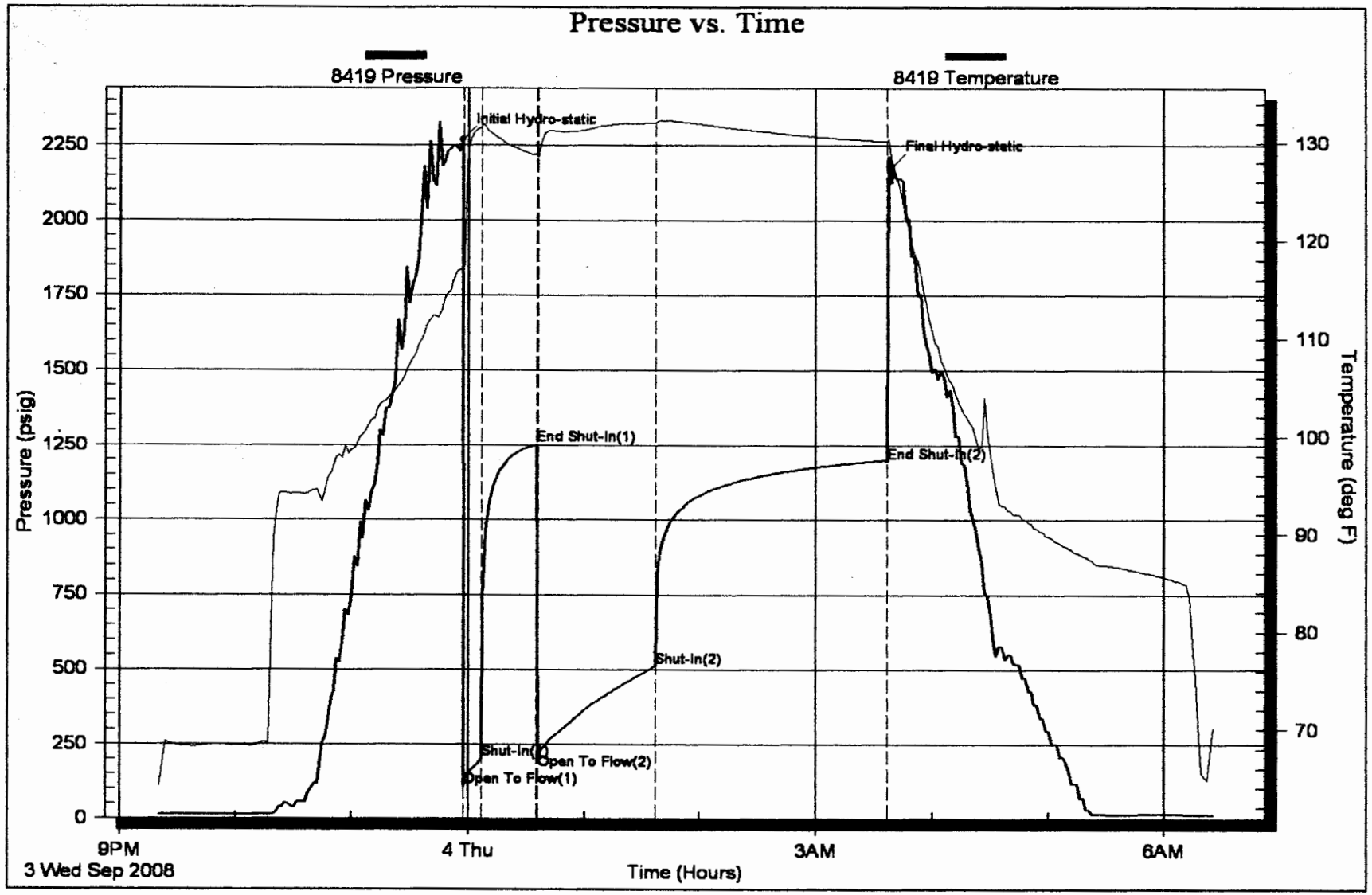
Drill Pipe I.D.	Feet	Recovery Description For Drill Pipe	Gas	Oil	Mud	Water	Total bbls.
4 1/2 3.82	30	CLEAN OIL		100%			0.4260
	240	OIL AND WATER CUT MUD		5%	65%	30%	3.4080
	180	OIL AND WATER CUT MUD		5%	50%	45%	2.5560
	360	OILY WATER		2%		98%	5.1120
	60	OIL CUT MUD		5%	95%		0.8520
	120	WATER				100%	1.7040
							0.0000
							0.0000
							0.0000
							0.0000
							0.0000
							0.0000
							0.0000
							0.0000
Drill Collars I.D.		Recovery Description For Drill Collars	0.0000	0.8690	4.3026	8.8864	
2.25							0.0000
							0.0000
							0.0000
							0.0000
							0.0000
							0.0000
							0.0000
							0.0000

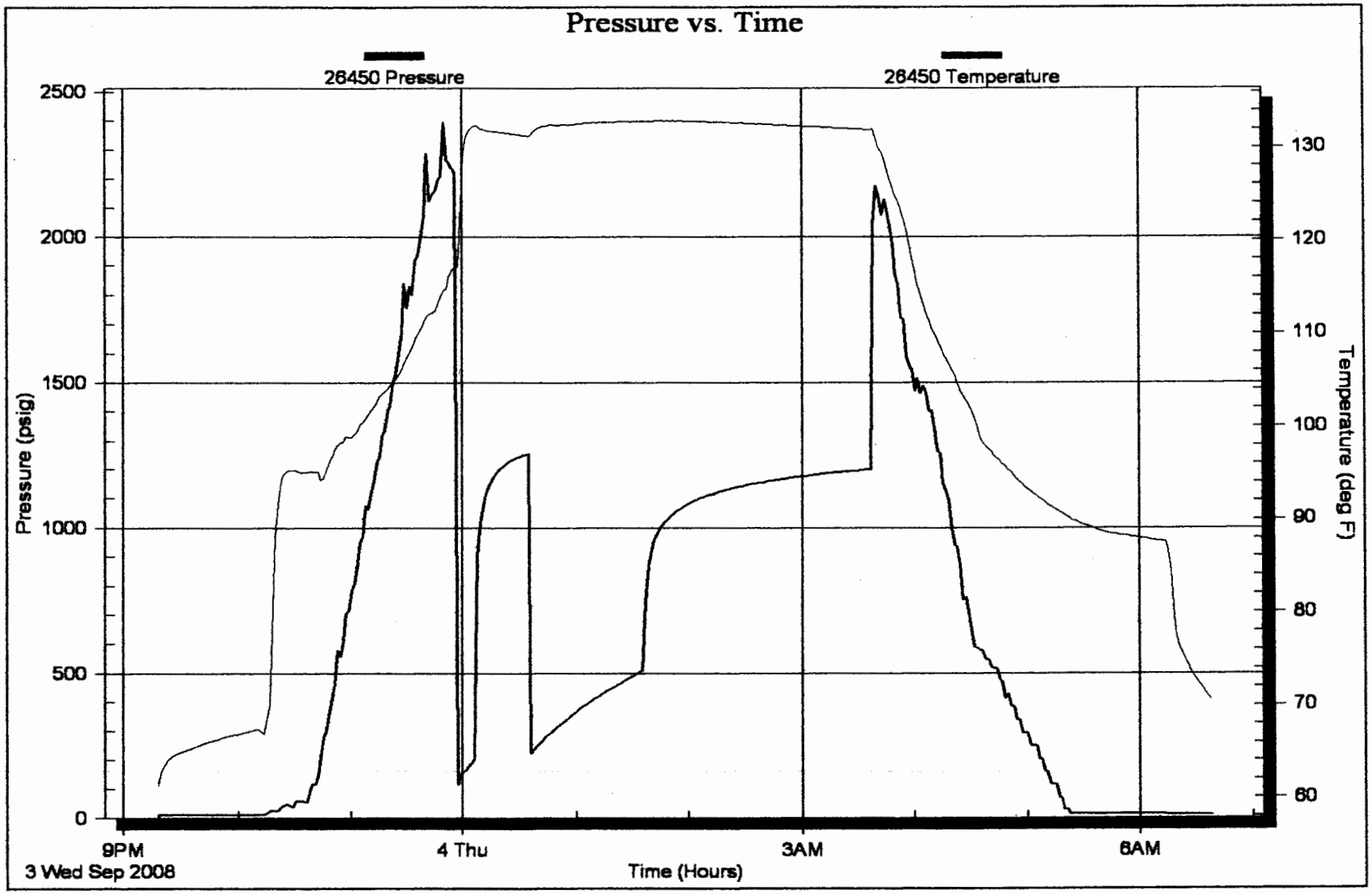
Total Recovery	990 Feet						
		Total bbls. Recovered From Drill Pipe	0.0000	0.8690	4.3026	8.8864	Total
		Total bbls. Recovered From Drill Collars	0.0000	0.0000	0.0000	0.0000	bbls
		Total bbls Recovered	0.0000	0.8690	4.3026	8.8864	14.0580
			Gas	Oil	Mud	Water	

MUD WEIGHT #/GAL 9.3
VISCOSITY 54
WATER LOSS 10.0

GRAVITY CORRECTED 37
Resistivity 0.30 ohms @ 65 Degrees
Recovery Chlorides 45,000 ppm
Pit Chlorides 4,100 ppm

4 1/2 inch Drill Pipe 3.83 I.D. Drill Collars 2.25 I.D
Start Here


Pressure vs. Time
8419 Pressure
8419 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 (psig)
Temperature (deg F)
2250
2000
1750
1500
1250
1000
750
500
250
0
130
120
110
100
90
80
70
9PM
3 Wed Sep 2008
4 Thu
3AM
6AM
Time (Hours)


Pressure vs. Time
26450 Pressure
26450 Temperature
2500
2000
1500
1000
500
0
Pressure (psig)
130
120
110
100
90
80
70
60
Temperature (deg F)
9PM
3 Wed Sep 2008
4 Thu
3AM
6AM
Time (Hours)