

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **McCoy Petl.Corp.**

8080 E. Central Ster.300
Wichita Ks. 67206

ATTN: Dave Clothier

11-30s-9w Kingman Ks

Zenda Townsite Unit A#1-11

Start Date: 2004.10.31 @ 05:40:05

End Date: 2004.10.31 @ 14:58:20

Job Ticket #: 19268 DST #: 1

RECEIVED
FEB 02 2005
KCC WICHITA

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

McCoy Petl.Corp.

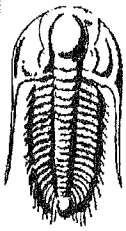
Zenda Townsite Unit A#1-11

11-30s-9w Kingman Ks

DST # 1

Miss.

2004.10.31



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

McCoy Petr. Corp.
8080 E. Central St. 300
Wichita Ks. 67206
ATTN: Dave Clothier

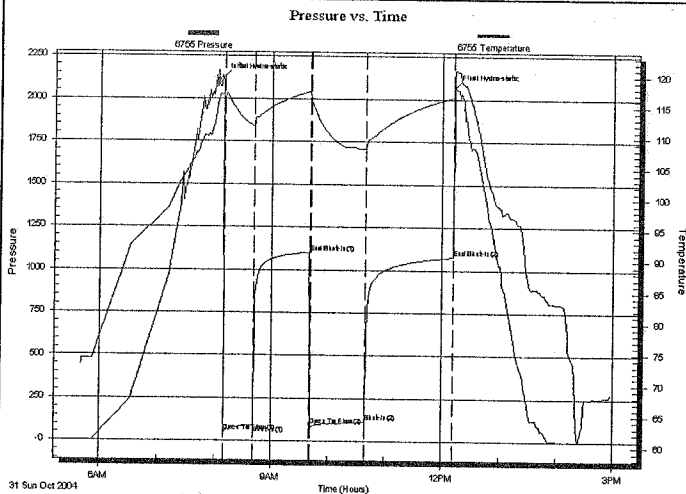
Zenda Townsite Unit A#1-11
11-30s-9w Kingman Ks
Job Ticket: 19268 DST#: 1
Test Start: 2004.10.31 @ 05:40:05

GENERAL INFORMATION:

Formation: **Miss.**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 08:09:35
Time Test Ended: 14:58:20
Interval: **4277.00 ft (KB) To 4287.00 ft (KB) (TVD)**
Total Depth: **4287.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Poor**
Test Type: **Conventional Bottom Hole**
Tester: **Gary Pevoteaux**
Unit No: **23**
Reference Elevations: **1677.00 ft (KB)**
1668.00 ft (CF)
KB to GR/CF: **9.00 ft**

Serial #: 6755 **Inside**
Press@RunDepth: **113.27 psig @ 4278.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2004.10.31** End Date: **2004.10.31** Last Calib.: **2004.10.31**
Start Time: **05:40:10** End Time: **14:58:20** Time On Btm: **2004.10.31 @ 08:07:20**
Time Off Btm: **2004.10.31 @ 12:13:20**

TEST COMMENT: IF: Strong blow . GTS in 5 mins. (see gas volume report)
IS: No blow .
FF: Strong blow . (see gas volume report)
FSI: No blow .



PRESSURE SUMMARY

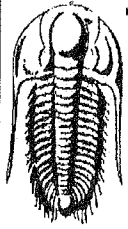
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2123.13	116.93	Initial Hydro-static
3	53.06	116.31	Open To Flow (1)
34	92.82	111.73	Shut-In(1)
93	1101.34	117.48	End Shut-In(1)
94	91.54	115.78	Open To Flow (2)
153	113.27	108.10	Shut-In(2)
245	1074.93	116.60	End Shut-In(2)
246	2063.85	120.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	GMCW 28%g 6% m 66%w Rw .084 ohms 0.89:8 deg	
65.00	GCM 26%g 74% m	0.37
0.00	oil scum on water	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petl. Corp.

Zenda Townsite Unit A#1-11

8080 E. Central St. 300
Wichita Ks. 67206

11-30s-9w Kingman Ks

Job Ticket: 19268

DST#: 1

ATTN: Dave Clothier

Test Start: 2004.10.31 @ 05:40:05

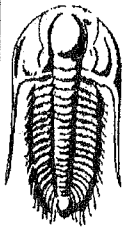
Tool Information

Drill Pipe:	Length: 4020.00 ft	Diameter: 3.80 inches	Volume: 56.39 bbl	Tool Weight: 2100.00 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: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 81000.00 lb
		<u>Total Volume: 57.57 bbl</u>		Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4277.00 ft			Final 67000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	30.00 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			4258.00	
Shut In Tool	5.00			4263.00	
Hydraulic tool	5.00			4268.00	
Packer	4.00			4272.00	20.00 Bottom Of Top Packer
Packer	5.00			4277.00	
Stubb	1.00			4278.00	
Recorder	0.00	6755	Inside	4278.00	
Perforations	4.00			4282.00	
Recorder	0.00	13222	Outside	4282.00	
Bullnose	5.00			4287.00	10.00 Bottom Packers & Anchor
Total Tool Length:	30.00				

**RECEIVED
FEB 02 2005
KCC WICHITA**



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petr. Corp.
8080 E. Central St. 300
Wichita Ks. 67206
ATTN: Dave Clothier

Zenda Townsite Unit A#1-11
11-30s-9w Kingman Ks
Job Ticket: 19268 DST#: 1
Test Start: 2004.10.31 @ 05:40:05

Mud and Cushion Information

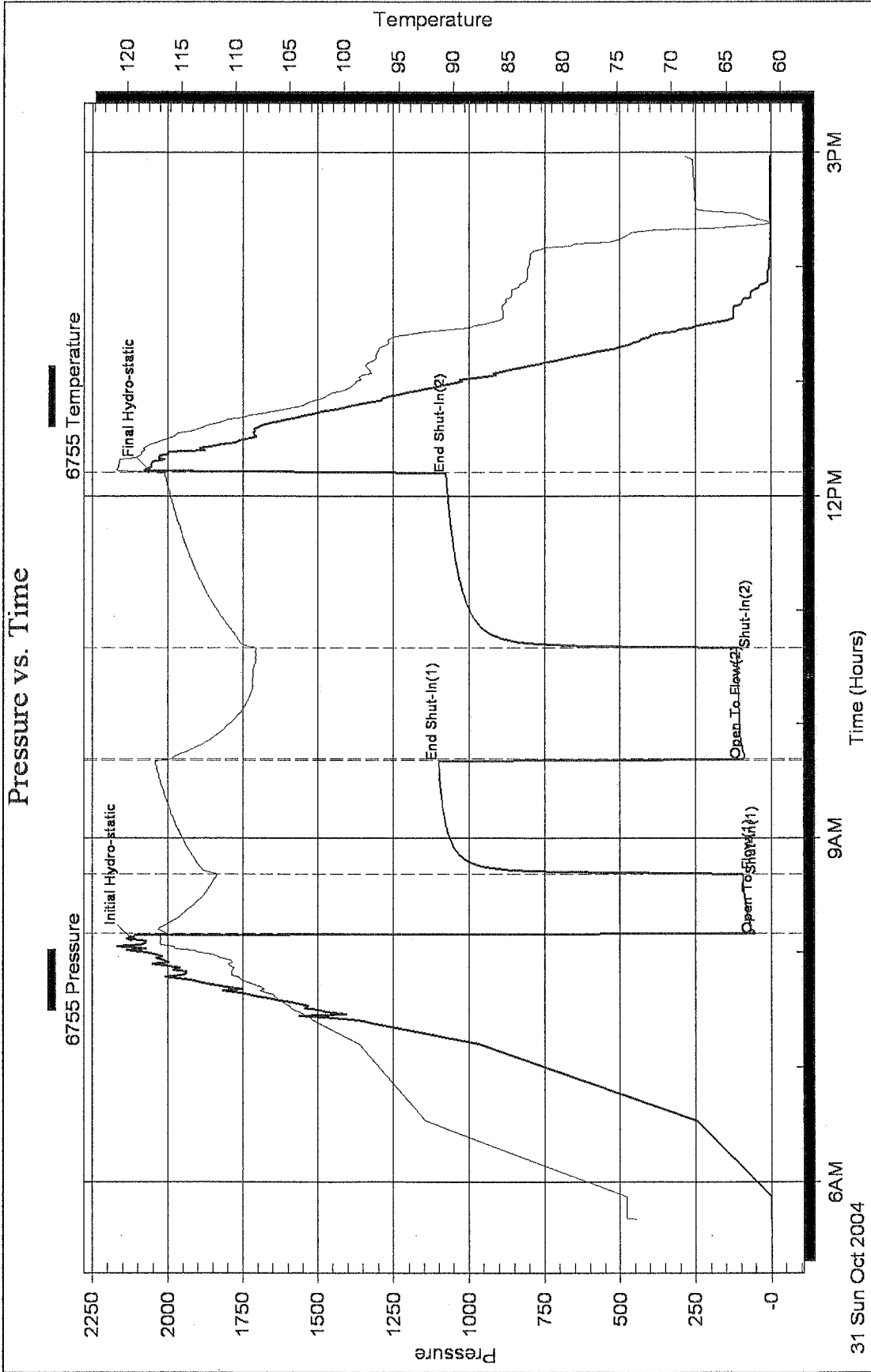
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 119000 ppm	
Viscosity: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.98 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 7000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

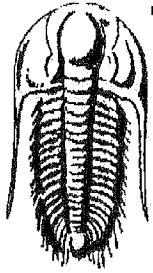
Recovery Table

Length ft	Description	Volume bbl
180.00	GMCW 28%g 6% m 66%w Rw .084 ohms @ !	0.885
65.00	GCM 26%g 74% m	0.365
0.00	oil scum on water	0.000

Total Length: 245.00 ft Total Volume: 1.250 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 1 Serial #: gp-1
 Laboratory Name: Caraw ay Laboratory Location: Liberal, KS
 Recovery Comments:



RECEIVED
FEB 02 2005
KCC WICHITA



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **McCoy Petl.Corp.**

8080 E. Central Ster.300
Wichita Ks. 67206

ATTN: Dave Clothier

11-30s-9w Kingman Ks

Zenda Townsite Unit A#1-11

Start Date: 2004.10.31 @ 20:50:32

End Date: 2004.11.01 @ 05:39:32

Job Ticket #: 19269 DST #: 2

RECEIVED
FEB 02 2005
KCC WICHITA

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

McCoy Petl.Corp.

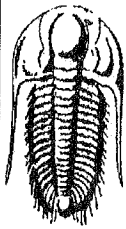
Zenda Townsite Unit A#1-11

11-30s-9w Kingman Ks

DST # 2

Miss.

2004.10.31



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

McCoy Petl. Corp.
8080 E Central Ster. 300
Wichita Ks. 67206
ATTN: Dave Clothier

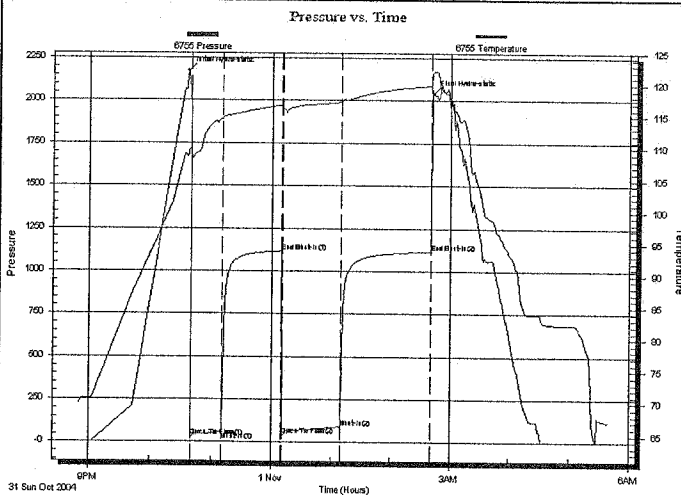
Zenda Townsite Unit A#1-11
11-30s-9w Kingman Ks
Job Ticket: 19269 DST#: 2
Test Start: 2004.10.31 @ 20:50:32

GENERAL INFORMATION:

Formation: **Miss.**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 22:39:47
Time Test Ended: 05:39:32
Interval: **4287.00 ft (KB) To 4297.00 ft (KB) (TVD)**
Total Depth: **4297.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Poor**
Test Type: **Conventional Bottom Hole**
Tester: **Gary Pevoteaux**
Unit No: **23**
Reference Elevations: **1677.00 ft (KB)**
1668.00 ft (CF)
KB to GR/CF: **9.00 ft**

Serial #: 6755 **Inside**
Press@RunDepth: **89.21 psig @ 4288.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2004.10.31** End Date: **2004.11.01** Last Calib.: **2004.11.01**
Start Time: **20:50:37** End Time: **05:39:32** Time On Btm: **2004.10.31 @ 22:36:32**
Time Off Btm: **2004.11.01 @ 02:43:02**

TEST COMMENT: IF: Strong blow . B.O.B. in 1 min. GTS in 18 mins. (see gas volume report)
IS: No blow .
FF: Strong blow . (see gas volume report)
FS: No blow .



PRESSURE SUMMARY

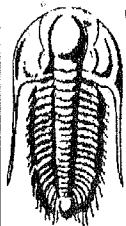
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2172.76	109.11	Initial Hydro-static
4	32.56	109.39	Open To Flow (1)
35	59.32	114.70	Shut-In(1)
93	1115.59	116.70	End Shut-In(1)
94	40.90	116.32	Open To Flow (2)
153	89.21	117.28	Shut-In(2)
245	1114.27	119.88	End Shut-In(2)
247	2040.83	121.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SW Rw .11 ohms @ 51 deg.	0.30
120.00	SOCW 1%o 99%w	0.59
110.00	SOCWM 1%o 32%w 67% <i>m</i>	1.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petl. Corp.

Zenda Townsite Unit A#1-11

8080 E. Central St. 300
Wichita Ks. 67206

11-30s-9w Kingman Ks

Job Ticket: 19269

DST#: 2

ATTN: Dave Clothier

Test Start: 2004.10.31 @ 20:50:32

Tool Information

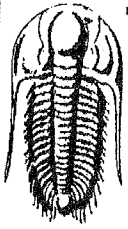
Drill Pipe:	Length: 4051.00 ft	Diameter: 3.80 inches	Volume: 56.82 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 81000.00 lb
			<u>Total Volume: 58.00 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4287.00 ft			Final 69000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	30.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			4268.00	
Shut In Tool	5.00			4273.00	
Hydraulic tool	5.00			4278.00	
Packer	4.00			4282.00	20.00 Bottom Of Top Packer
Packer	5.00			4287.00	
Stubb	1.00			4288.00	
Recorder	0.00	6755	Inside	4288.00	
Perforations	4.00			4292.00	
Recorder	0.00	13222	Outside	4292.00	
Bullnose	5.00			4297.00	10.00 Bottom Packers & Anchor
Total Tool Length:	30.00				

RECEIVED
FEB 02 2005
KCC WICHITA



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petl. Corp.
8080 E. Central St. 300
Wichita Ks. 67206
ATTN: Dave Clothier

Zenda Townsite Unit A#1-11
11-30s-9w Kingman Ks
Job Ticket: 19269 **DST#: 2**
Test Start: 2004.10.31 @ 20:50:32

Mud and Cushion Information

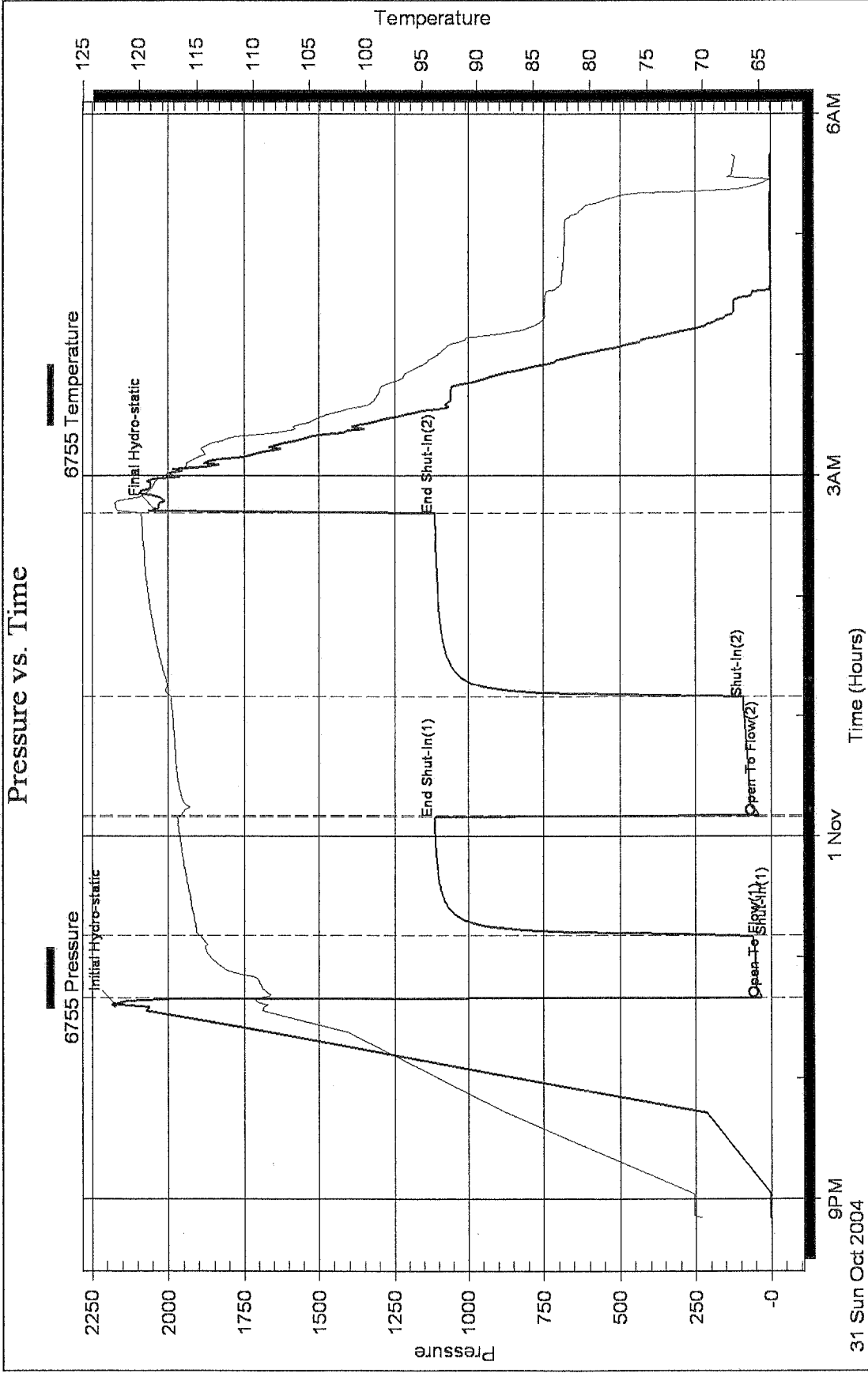
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 110000 ppm	
Viscosity: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.99 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 7000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	SW Rw .11 ohms @ 51 deg.	0.295
120.00	SOCW 1%o 99%w	0.590
110.00	SOCWM 1%o 32%w 67%m	0.996

Total Length: 290.00 ft Total Volume: 1.881 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
 Laboratory Name: Laboratory Location:
 Recovery Comments:



RECEIVED
FEB 02 2005
KCC WICHITA