



DRILL STEM TEST REPORT

Prepared For: **National Petroleum Reserves**

250 N.Rock Rd.Suite 130
Wichita,Ks.67206

ATTN: Terry McLeod

28-33S-11W

Forester#1

Start Date: 2003.07.11 @ 21:04:27

End Date: 2003.07.12 @ 02:11:27

Job Ticket #: 17052 DST #: 1

SW NE NE
955 FNL 940 FEL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2003.07.25 @ 11:51:27 RECEIVED

MAR 09 2007

KCC WICHITA



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

National Petroleum Reserves

Forester#1

250 N. Rock Rd. Suite 130
Wichita, Ks. 67206

28-33S-11W

Job Ticket: 17052

DST#: 1

ATTN: Terry McLeod

Test Start: 2003.07.11 @ 21:04:27

Tool Information

Drill Pipe:	Length: 3548.84 ft	Diameter: 3.80 inches	Volume: 49.78 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: 248.16 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: lb
		Total Volume: 51.00 bbl		Tool Chased 1.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	3811.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	38.00 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			3788.00	
Shut In Tool	5.00			3793.00	
Hydraulic tool	5.00			3798.00	
Safety Joint	3.00			3801.00	
Packer	5.00			3806.00	24.00 Bottom Of Top Packer
Packer	5.00			3811.00	
Stubb	2.00			3813.00	
Recorder	0.00	2346	Inside	3813.00	
Anchor	9.00			3822.00	
Recorder	0.00	10991	Outside	3822.00	
Bullnose	3.00			3825.00	14.00 Bottom Packers & Anchor

Total Tool Length: 38.00

RECEIVED

MAR 09 2007

KCC WICHITA

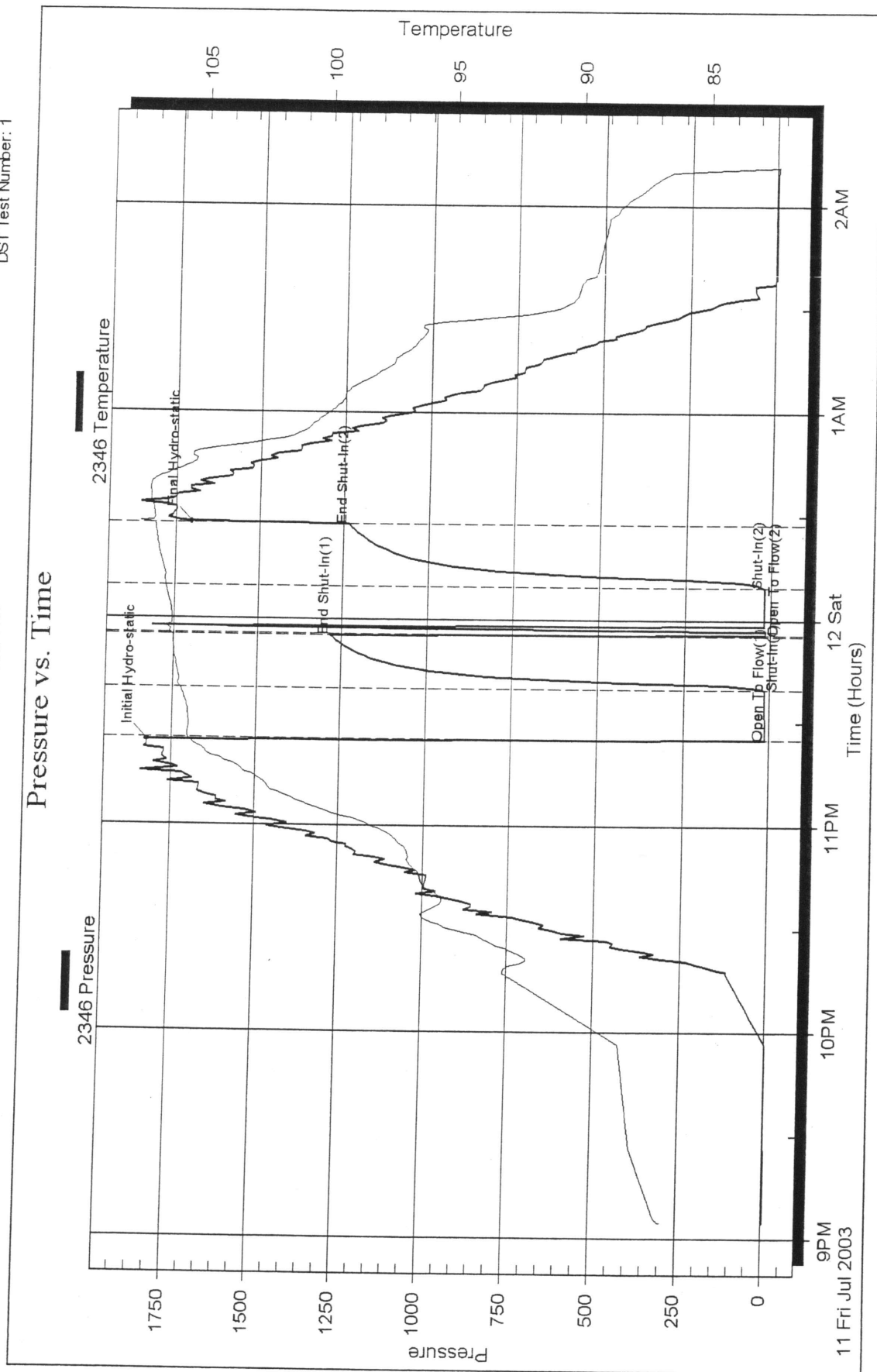
Serial #: 2346

Inside

National Petroleum Reserves

28-33S-11W

DST Test Number: 1



RECEIVED

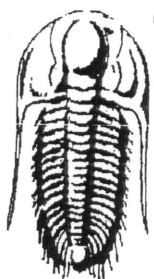
MAR 09 2007

KCC WICHITA

Mobile Testing, Inc

Ref. No: 17052

Printed: 2003.07.25 @ 11:51:31 Page 5



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **National Petroleum Reserves**

250 N.Rock Rd.Suite 130
Wichita,Ks.67206

ATTN: Terry McLeod

28-33S-11W

Forester#1

Start Date: 2003.07.13 @ 05:36:11

End Date: 2003.07.13 @ 14:23:41

Job Ticket #: 17053 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

National Petroleum Reserves

Forester#1

28-33S-11W

DST # 2

Hertha

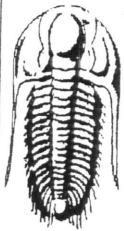
2003.07.13

Printed: 2003.07.25 @ 11:52:12 Page 1

RECEIVED

MAR 09 2007

KCC WICHITA



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

National Petroleum Reserves

Forester#1

250 N.Rock Rd.Suite 130
Wichita,Ks.67206

28-33S-11W

Job Ticket: 17053

DST#:2

ATTN: Terry McLeod

Test Start: 2003.07.13 @ 05:36:11

Tool Information

Drill Pipe:	Length: 4050.84 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: 248.16 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: lb
			Total Volume: 58.04 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 71000.00 lb
Depth to Top Packer:	4298.00 ft			Final 73000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	36.00 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			4275.00	
Shut In Tool	5.00			4280.00	
Hydraulic tool	5.00			4285.00	
Safety Joint	3.00			4288.00	
Packer	5.00			4293.00	24.00 Bottom Of Top Packer
Packer	5.00			4298.00	
Stubb	2.00			4300.00	
Recorder	0.00	2346	Inside	4300.00	
Anchor	7.00			4307.00	
Recorder	0.00	10991	Outside	4307.00	
Bullnose	3.00			4310.00	12.00 Bottom Packers & Anchor

Total Tool Length: 36.00

Serial #: 2346

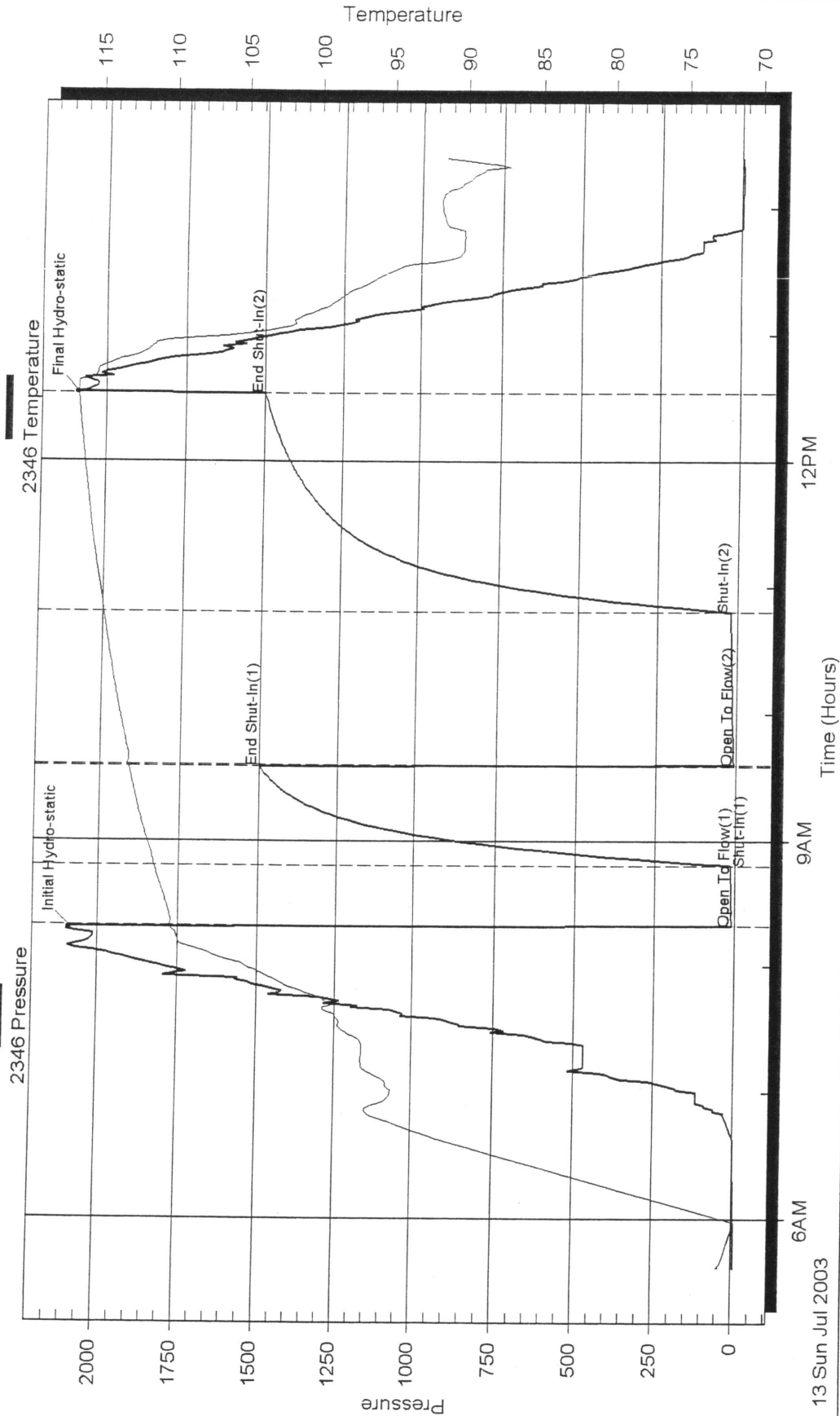
Inside

National Petroleum Reserves

28-33S-11W

DST Test Number: 2

Pressure vs. Time



Trillium Testing, Inc

Ref. No: 17053

Printed: 2003.07.25 @ 11:52:14 Page 5

RECEIVED

MAR 09 2007

KCC WICHITA



GAS VOLUME REPORT

Well Name: Forester #1

DST #:

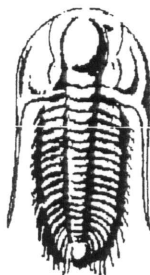
2

Remarks:

RECEIVED
MAR 09 2007
KCC WICHITA

MAR 09 2007

KCC WICHITA



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **National Petroleum Reserves**

250 N.Rock Rd.Suite 130
Wichita,Ks.67206

ATTN: Terry McLeod

28-33S-11W

Forester#1

Start Date: 2003.07.14 @ 10:15:16

End Date: 2003.07.14 @ 18:54:46

Job Ticket #: 17054 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2003.07.25 @ 11:52:43

RECEIVED

MAR 09 2007

KCC WICHITA

National Petroleum Reserves

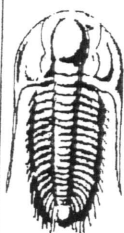
Forester#1

28-33S-11W

DST # 3

Miss.

2003.07.14



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

National Petroleum Reserves

Forester#1

250 N.Rock Rd.Suite 130
Wichita,Ks.67206

28-33S-11W

Job Ticket: 17054

DST#: 3

ATTN: Terry McLeod

Test Start: 2003.07.14 @ 10:15:16

Tool Information

Drill Pipe:	Length: 4236.84 ft	Diameter: 3.80 inches	Volume: 59.43 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: 246.16 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 90000.00 lb
			Total Volume: 60.65 bbl	Tool Chased 3.50 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	4484.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.00 ft			
Tool Length:	71.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

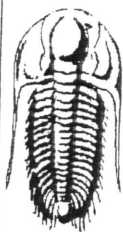
Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4461.00	
Shut In Tool	5.00			4466.00	
Hydraulic tool	5.00			4471.00	
Safety Joint	3.00			4474.00	
Packer	5.00			4479.00	24.00 Bottom Of Top Packer
Packer	5.00			4484.00	
Stubb	1.00			4485.00	
Anchor	9.00			4494.00	
Recorder	0.00	2346	Inside	4494.00	
Blank Spacing	32.00			4526.00	
Recorder	0.00	10991	Outside	4526.00	
Bullnose	5.00			4531.00	47.00 Bottom Packers & Anchor

Total Tool Length: 71.00

RECEIVED

MAR 09 2007

KCC WICHITA



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

National Petroleum Reserves

Forester#1

250 N. Rock Rd. Suite 130
Wichita, Ks. 67206

28-33S-11W

Job Ticket: 17054

DST#: 3

ATTN: Terry McLeod

Test Start: 2003.07.14 @ 10:15:16

Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

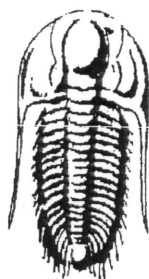
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	10	0.25	2.00	26.02
2	20	0.25	3.00	27.60
2	30	0.25	3.00	27.60
2	40	0.25	3.50	28.40
2	50	0.25	3.50	28.40
2	60	0.25	4.00	29.19
2	70	0.25	4.50	29.98
2	80	0.25	5.00	30.78
2	90	0.25	5.00	30.78

RECEIVED

MAR 09 2007



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **National Petroleum Reserves**

250 N.Rock Rd.Suite 130
Wichita,Ks.67206

ATTN: Terry McLeod

28-33S-11W

Forester#1

Start Date: 2003.07.15 @ 02:23:44

End Date: 2003.07.15 @ 10:55:59

Job Ticket #: 17055 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2003.07.25 @ 11:53:57 Page 1

RECEIVED

MAR 09 2007

KCC WICHITA

National Petroleum Reserves

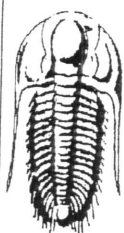
Forester#1

28-33S-11W

DST # 4

Miss.

2003.07.15



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

National Petroleum Reserves

Forester#1

250 N.Rock Rd.Suite 130
Wichita,Ks.67206

28-33S-11W

Job Ticket: 17055

DST#: 4

ATTN: Terry McLeod

Test Start: 2003.07.15 @ 02:23:44

Tool Information

Drill Pipe:	Length: 4273.86 ft	Diameter: 3.80 inches	Volume: 59.95 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: 248.16 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose:	85000.00 lb
			Total Volume: 61.17 bbl	Tool Chased	4.50 ft
Drill Pipe Above KB:	14.02 ft			String Weight: Initial	72000.00 lb
Depth to Top Packer:	4532.00 ft			Final	72000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	27.00 ft				
Tool Length:	51.00 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			4509.00	
Shut In Tool	5.00			4514.00	
Hydraulic tool	5.00			4519.00	
Safety Joint	3.00			4522.00	
Packer	5.00			4527.00	24.00 Bottom Of Top Packer
Packer	5.00			4532.00	
Stubb	2.00			4534.00	
Recorder	0.00	2346	Inside	4534.00	
Anchor	22.00			4556.00	
Recorder	0.00	10991	Outside	4556.00	
Bullnose	3.00			4559.00	27.00 Bottom Packers & Anchor

Total Tool Length: 51.00

RECEIVED

MAR 09 2007

KCC WICHITA

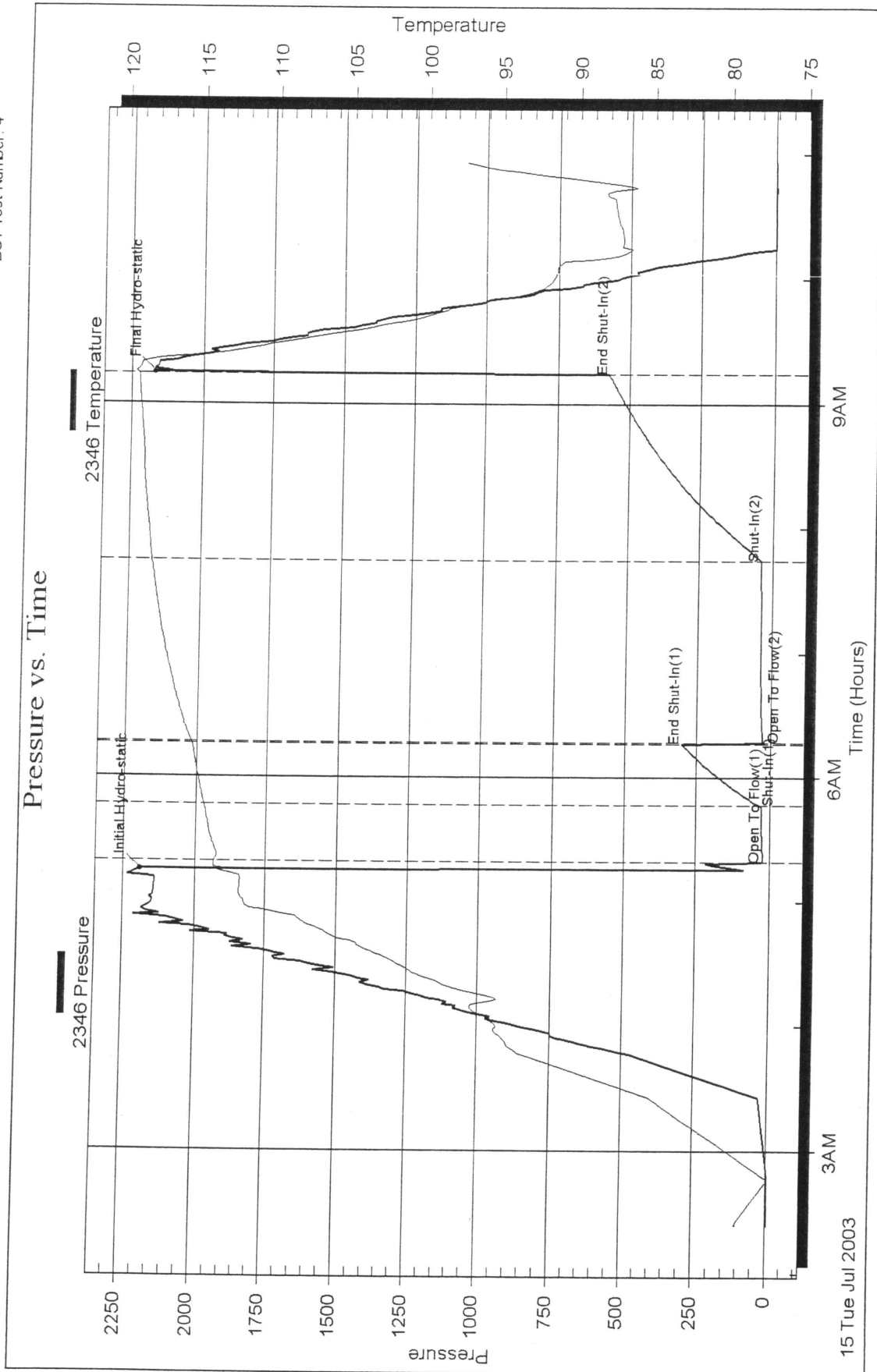
Serial #: 2346

Inside

National Petroleum Reserves

28-33S-11W

DST Test Number: 4



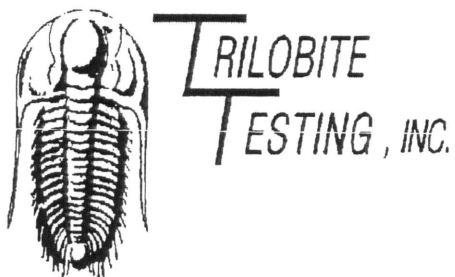
RECEIVED

MAR 09 2007

KCC WICHITA

Therite Testing, Inc

Ref. No: 17055



DRILL STEM TEST REPORT

Prepared For: **National Petroleum Reserves**

250 N. Rock Rd. Suite 130
Wichita, Ks. 67206

ATTN: Terry McLeod

28-33S-11W

Forester#1

Start Date: 2003.07.15 @ 20:36:18

End Date: 2003.07.16 @ 05:57:48

Job Ticket #: 17056 DST #: 5

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

Printed: 2003.07.25 @ 11:55:47

RECEIVED

MAR 09 2007

KCC WICHITA

National Petroleum Reserves

Forester#1

28-33S-11W

DST # 5

MISS.

2003.07.15



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

National Petroleum Reserves

Forester#1

250 N. Rock Rd. Suite 130
Wichita, Ks. 67206

28-33S-11W

Job Ticket: 17056

DST#: 5

ATTN: Terry McLeod

Test Start: 2003.07.15 @ 20:36:18

Tool Information

Drill Pipe:	Length: 4300.84 ft	Diameter: 3.80 inches	Volume: 60.33 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: 248.16 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose:	125000.0 lb
			Total Volume: 61.55 bbl	Tool Chased	44.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial	71000.00 lb
Depth to Top Packer:	4555.00 ft			Final	72000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	60.00 ft				
Tool Length:	84.00 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			4532.00	
Shut In Tool	5.00			4537.00	
Hydraulic tool	5.00			4542.00	
Safety Joint	3.00			4545.00	
Packer	5.00			4550.00	24.00 Bottom Of Top Packer
Packer	5.00			4555.00	
Stubb	2.00			4557.00	
Recorder	0.00	2346	Inside	4557.00	
Anchor	22.00			4579.00	
Blank Spacing	32.00			4611.00	
Recorder	0.00	10991	Outside	4611.00	
Bullnose	4.00			4615.00	60.00 Bottom Packers & Anchor

Total Tool Length: 84.00

RECEIVED

MAR 09 2007

KCC WICHITA

Serial #: 2346

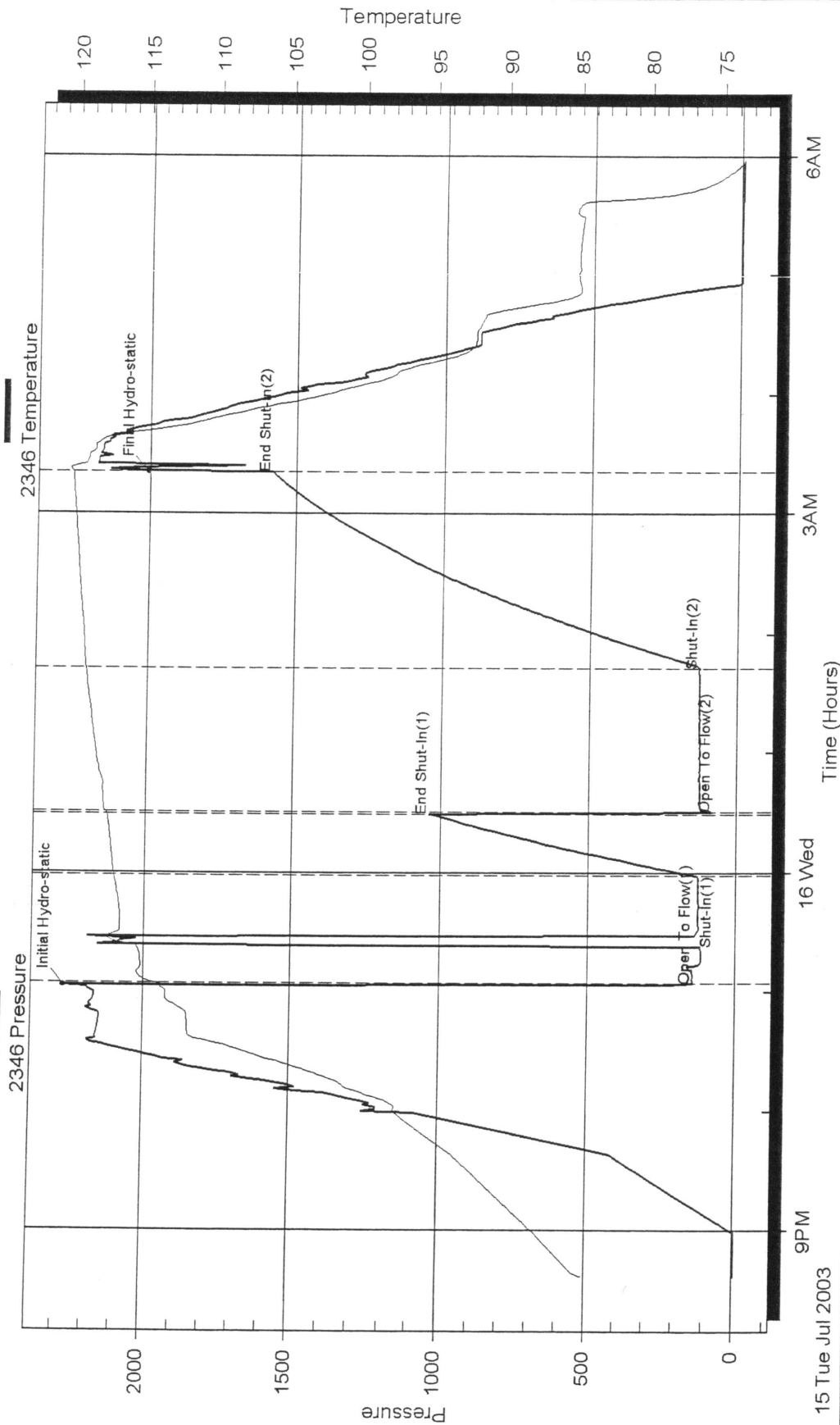
Inside

National Petroleum Reserves

28-33S-11W

DST Test Number: 5

Pressure vs. Time



RECEIVED

MAR 09 2007

KCC WICHITA

Mobile Testing, Inc

Ref. No: 17056

Printed: 2003.07.25 @ 11:55:49 Page 5