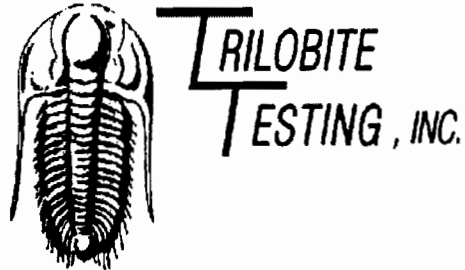


15-193-20695

30-10s-33w



DRILL STEM TEST REPORT

Prepared For: **Petex Inc**

4175 S Farm Rd 193
Rogersville MO 65742

ATTN: Petex Inc

30-10-33 Logan ,Ks

Reed #1

Start Date: 2004.06.26 @ 04:32:35

End Date: 2004.06.26 @ 12:11:44

Job Ticket #: 19090 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

Petex Inc
4175 S Farm Rd 193
Rogersville MO 65742
ATTN: Petex Inc

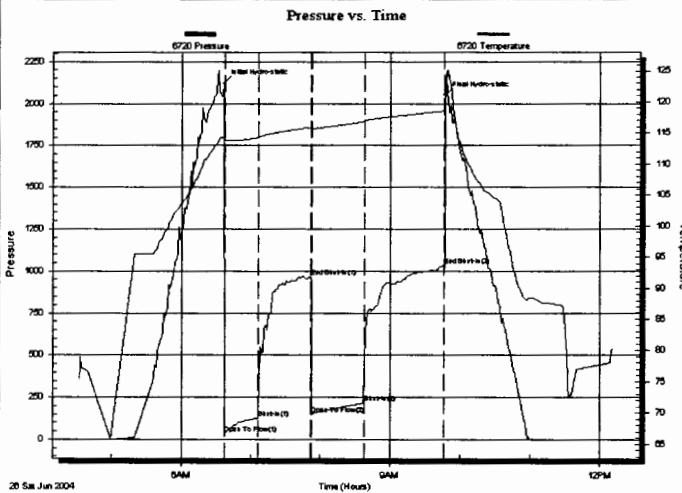
Reed #1
30-10-33 Logan ,Ks
Job Ticket: 19090 **DST#: 1**
Test Start: 2004.06.26 @ 04:32:35

GENERAL INFORMATION:

Formation: **H-I**
Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole**
Time Tool Opened: **06:37:15** Tester: **Shane McBride**
Time Test Ended: **12:11:44** Unit No: **25**
Interval: **4267.00 ft (KB) To 4322.00 ft (KB) (TVD)** Reference Elevations: **3188.00 ft (KB)**
Total Depth: **4322.00 ft (KB) (TVD)** **3183.00 ft (CF)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair** KB to GR/CF: **5.00 ft**

Serial #: 6720 **Inside**
Press@RunDepth: **217.49 psig @ 4268.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2004.06.26** End Date: **2004.06.26** Last Calib.: **1899.12.30**
Start Time: **04:32:35** End Time: **12:11:44** Time On Btrm: **2004.06.26 @ 06:36:45**
Time Off Btrm: **2004.06.26 @ 09:47:00**

TEST COMMENT: 1" in. @ open built to 7 1/2" in.
Return blow in 4 min. built to 1" in.
1" in. @ open built to 8" in.
Return blow in 4 min. built to 1" in.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2120.99	114.32	Initial Hydro-static
1	36.96	113.96	Open To Flow (1)
30	127.89	114.28	Shut-in (1)
76	962.00	115.93	End Shut-in (1)
77	149.90	115.44	Open To Flow (2)
122	217.49	116.84	Shut-in (2)
190	1034.22	118.55	End Shut-in (2)
191	2049.50	118.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
484.00	s m c w 20% m 80% w	5.11

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Petex Inc
4175 S Farm Rd 193
Rogersville MO 65742
ATTN: Petex Inc

Reed #1
30-10-33 Logan ,Ks
Job Ticket: 19090 **DST#: 1**
Test Start: 2004.06.26 @ 04:32:35

Tool Information

Drill Pipe:	Length: 4096.00 ft	Diameter: 3.80 inches	Volume: 57.46 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 184.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 58.36 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4267.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	75.00 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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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4248.00	
Shut In Tool	5.00			4253.00	
Hydraulic tool	5.00			4258.00	
Packer	5.00			4263.00	20.00 Bottom Of Top Packer
Packer	4.00			4267.00	
Stubb	1.00			4268.00	
Recorder	0.00	6720	Inside	4268.00	
Perforations	16.00			4284.00	
Change Over Sub	1.00			4285.00	
Drill Pipe	31.00			4316.00	
Change Over Sub	1.00			4317.00	
Recorder	0.00	2023	Outside	4317.00	
Bullnose	5.00			4322.00	55.00 Bottom Packers & Anchor

Total Tool Length: 75.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Petex Inc
4175 S Farm Rd 193
Rogersville MO 65742
ATTN: Petex Inc

Reed #1
30-10-33 Logan ,Ks
Job Ticket: 19090 **DST#: 1**
Test Start: 2004.06.26 @ 04:32:35

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: 48500 ppm	
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
484.00	s m c w 20% m 80% w	5.113

Total Length: 484.00 ft Total Volume: 5.113 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 6720

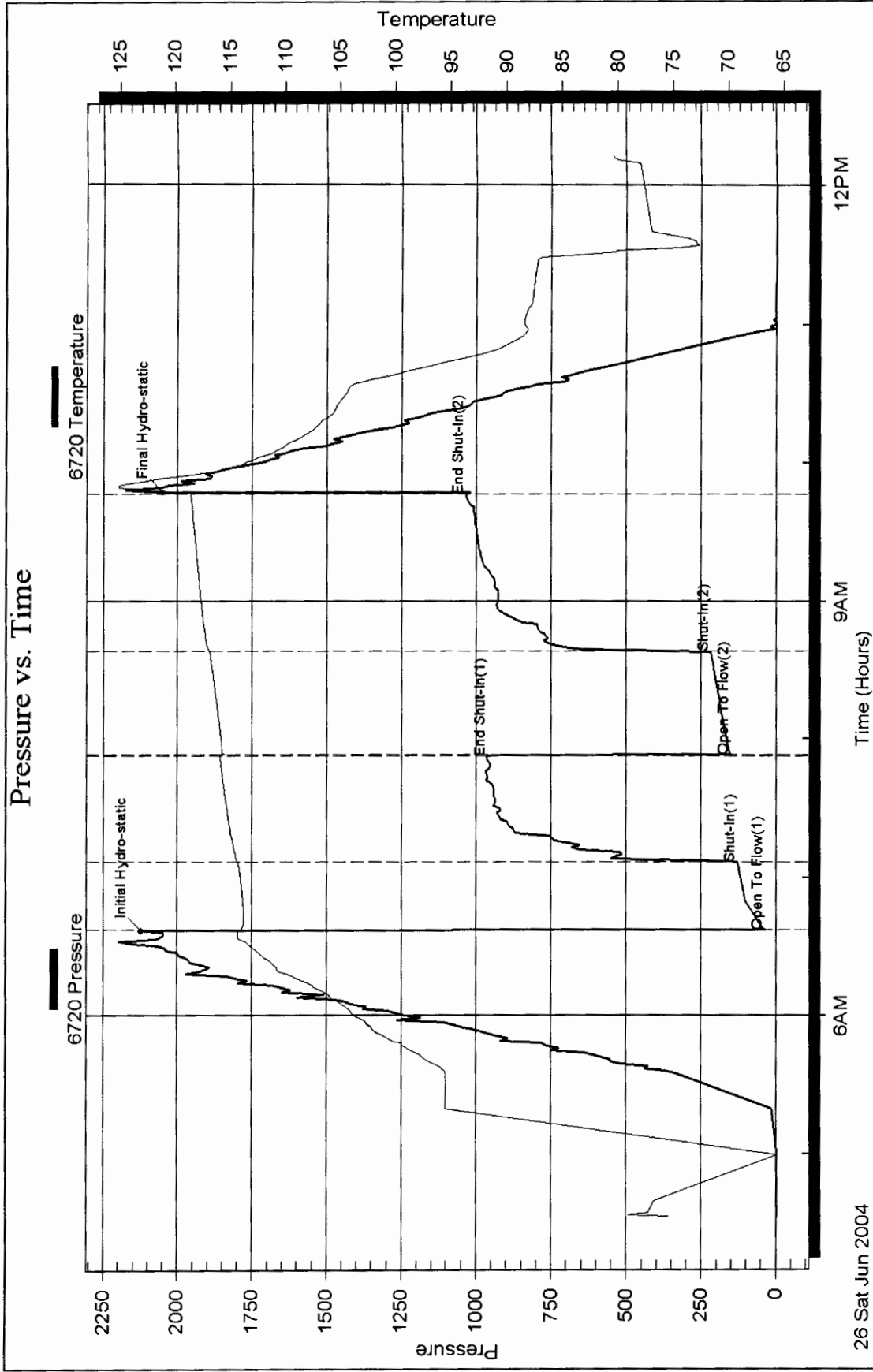
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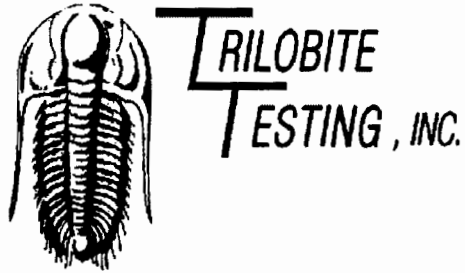
Petex Inc

30-10-33 Logan ,Ks

DST Test Number: 1

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Petex Inc**

4175 S Farm Rd 193
Rogersville MO 65742

ATTN: Petex Inc

30-10-33 Logan ,Ks

Reed #1

Start Date: 2004.06.26 @ 19:00:07

End Date: 2004.06.27 @ 00:49:01

Job Ticket #: 19091 DST #: 2

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Petex Inc
4175 S Farm Rd 193
Rogersville MO 65742
ATTN: Petex Inc

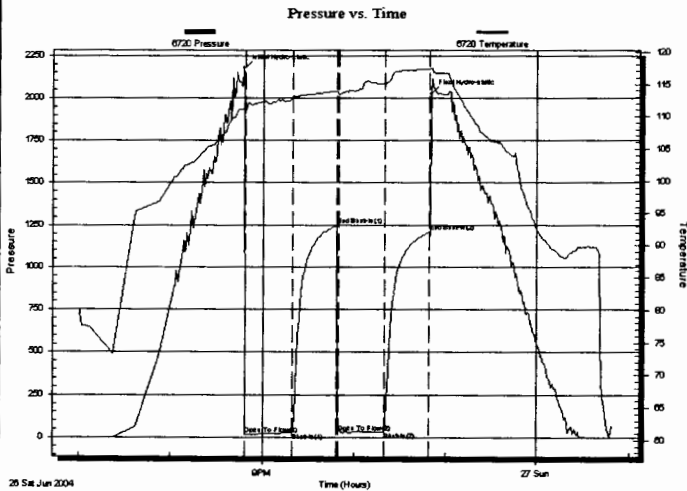
Reed #1
30-10-33 Logan ,Ks
Job Ticket: 19091 **DST#: 2**
Test Start: 2004.06.26 @ 19:00:07

GENERAL INFORMATION:

Formation: **J**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 20:48:32
Time Test Ended: 00:49:01
Interval: **4321.00 ft (KB) To 4354.00 ft (KB) (TVD)**
Total Depth: **4354.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole**
Tester: **Shane McBride**
Unit No: **25**
Reference Elevations: **3188.00 ft (KB)**
3183.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 6720 **Inside**
Press@RunDepth: **35.43 psig @ 4322.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2004.06.26** End Date: **2004.06.27** Last Calib.: **1899.12.30**
Start Time: **19:00:07** End Time: **00:49:01** Time On Btm: **2004.06.26 @ 20:47:32**
Time Off Btm: **2004.06.26 @ 22:50:17**

TEST COMMENT: 1/2" in. @ open built to 1" in.
No return
No blow
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2175.62	111.23	Initial Hydro-static
1	15.11	110.98	Open To Flow (1)
32	26.02	112.88	Shut-In(1)
61	1246.28	113.95	End Shut-In(1)
62	27.83	113.51	Open To Flow (2)
92	35.43	115.03	Shut-In(2)
122	1208.08	117.35	End Shut-In(2)
123	2026.03	117.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud 100%m	0.10

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Petex Inc
4175 S Farm Rd 193
Rogersville MO 65742

ATTN: Petex Inc

Reed #1
30-10-33 Logan ,Ks
Job Ticket: 19091 **DST#: 2**

Test Start: 2004.06.26 @ 19:00:07

Tool Information

Drill Pipe:	Length: 4131.00 ft	Diameter: 3.80 inches	Volume: 57.95 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 184.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 58.85 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	4321.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	33.00 ft			
Tool Length:	53.00 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			4302.00	
Shut In Tool	5.00			4307.00	
Hydraulic tool	5.00			4312.00	
Packer	5.00			4317.00	20.00 Bottom Of Top Packer
Packer	4.00			4321.00	
Stubb	1.00			4322.00	
Recorder	0.00	6720	Inside	4322.00	
Perforations	27.00			4349.00	
Recorder	0.00	2023	Outside	4349.00	
Bullnose	5.00			4354.00	33.00 Bottom Packers & Anchor
Total Tool Length:	53.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Petex Inc
4175 S Farm Rd 193
Rogersville MO 65742
ATTN: Petex Inc

Reed #1
30-10-33 Logan ,Ks
Job Ticket: 19091 **DST#: 2**
Test Start: 2004.06.26 @ 19:00:07

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length:	Water Salinity:	2000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume:		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure:		
Salinity: 2000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	mud 100%m	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

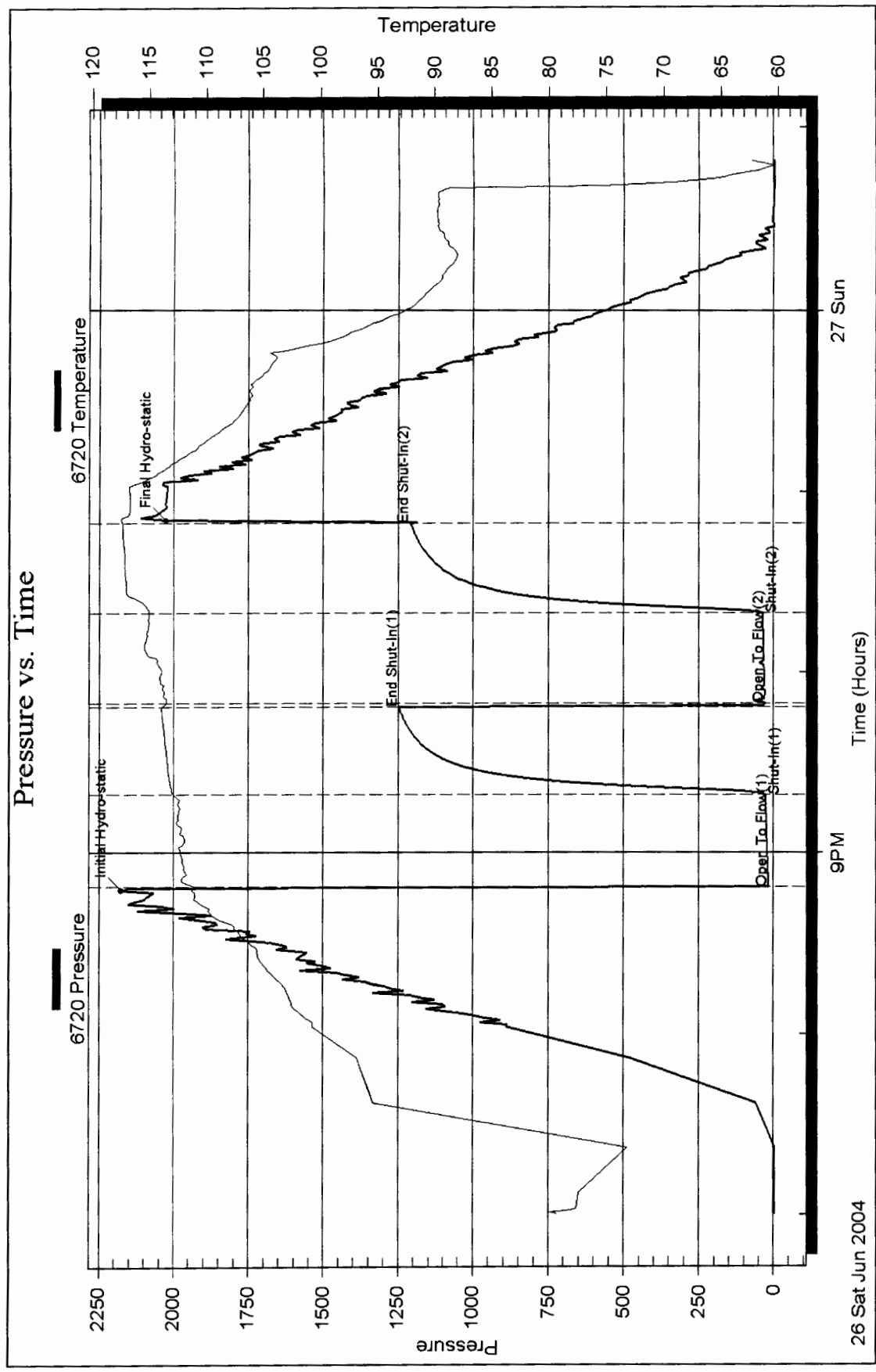
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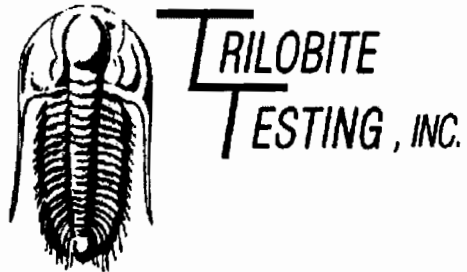
Inside

Petex Inc

30-10-33 Logan, Ks

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Petex Inc**

4175 S Farm Rd 193
Rogersville MO 65742

ATTN: Petex Inc

30-10-33 Logan ,Ks

Reed #1

Start Date: 2004.06.27 @ 08:25:21

End Date: 2004.06.27 @ 14:57:15

Job Ticket #: 19092 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

Petex Inc
4175 S Farm Rd 193
Rogersville MO 65742
ATTN: Petex Inc

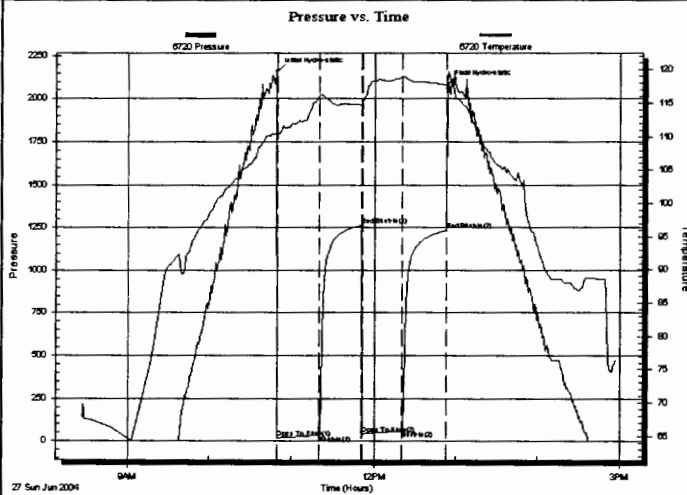
Reed #1
30-10-33 Logan ,Ks
Job Ticket: 19092 **DST#: 3**
Test Start: 2004.06.27 @ 08:25:21

GENERAL INFORMATION:

Formation: **K**
Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole**
Time Tool Opened: 10:50:01 Tester: **Shane McBride**
Time Test Ended: 14:57:15 Unit No: **25**
Interval: **4351.00 ft (KB) To 4376.00 ft (KB) (TVD)** Reference Elevations: **3188.00 ft (KB)**
Total Depth: **4376.00 ft (KB) (TVD)** **3183.00 ft (CF)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair** KB to GR/CF: **5.00 ft**

Serial #: 6720 **Inside**
Press@RunDepth: **60.65 psig @ 4352.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2004.06.27** End Date: **2004.06.27** Last Calib.: **1899.12.30**
Start Time: **08:25:21** End Time: **14:57:15** Time On Btm: **2004.06.27 @ 10:49:31**
Time Off Btm: **2004.06.27 @ 12:53:46**

TEST COMMENT: 1" in. blow died back to 1/2" in.
No return
Surface blow in 5 min. built to 1/2" in.
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2160.04	110.81	Initial Hydro-static
1	18.09	110.50	Open To Flow (1)
31	36.50	116.21	Shut-In(1)
61	1263.40	114.77	End Shut-In(1)
62	41.90	114.63	Open To Flow (2)
91	60.65	118.90	Shut-In(2)
124	1233.44	117.67	End Shut-In(2)
125	2087.21	119.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	m c w w/oil specs 70%w 30%m	0.32

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Petex Inc
4175 S Farm Rd 193
Rogersville MO 65742
ATTN: Petex Inc

Reed #1
30-10-33 Logan ,Ks
Job Ticket: 19092 **DST#: 3**
Test Start: 2004.06.27 @ 08:25:21

Tool Information

Drill Pipe:	Length: 4221.00 ft	Diameter: 3.80 inches	Volume: 59.21 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 59.81 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4351.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	45.00 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			4332.00	
Shut In Tool	5.00			4337.00	
Hydraulic tool	5.00			4342.00	
Packer	5.00			4347.00	20.00 Bottom Of Top Packer
Packer	4.00			4351.00	
Stubb	1.00			4352.00	
Recorder	0.00	6720	Inside	4352.00	
Perforations	19.00			4371.00	
Recorder	0.00	2023	Outside	4371.00	
Bullnose	5.00			4376.00	25.00 Bottom Packers & Anchor
Total Tool Length:	45.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Petex Inc
4175 S Farm Rd 193
Rogersville MO 65742
ATTN: Petex Inc

Reed #1
30-10-33 Logan ,Ks
Job Ticket: 19092 **DST#: 3**
Test Start: 2004.06.27 @ 08:25:21

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: 34500 ppm	
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3400.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	m c w /oil specs 70%w 30%m	0.320

Total Length: 65.00 ft Total Volume: 0.320 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6720

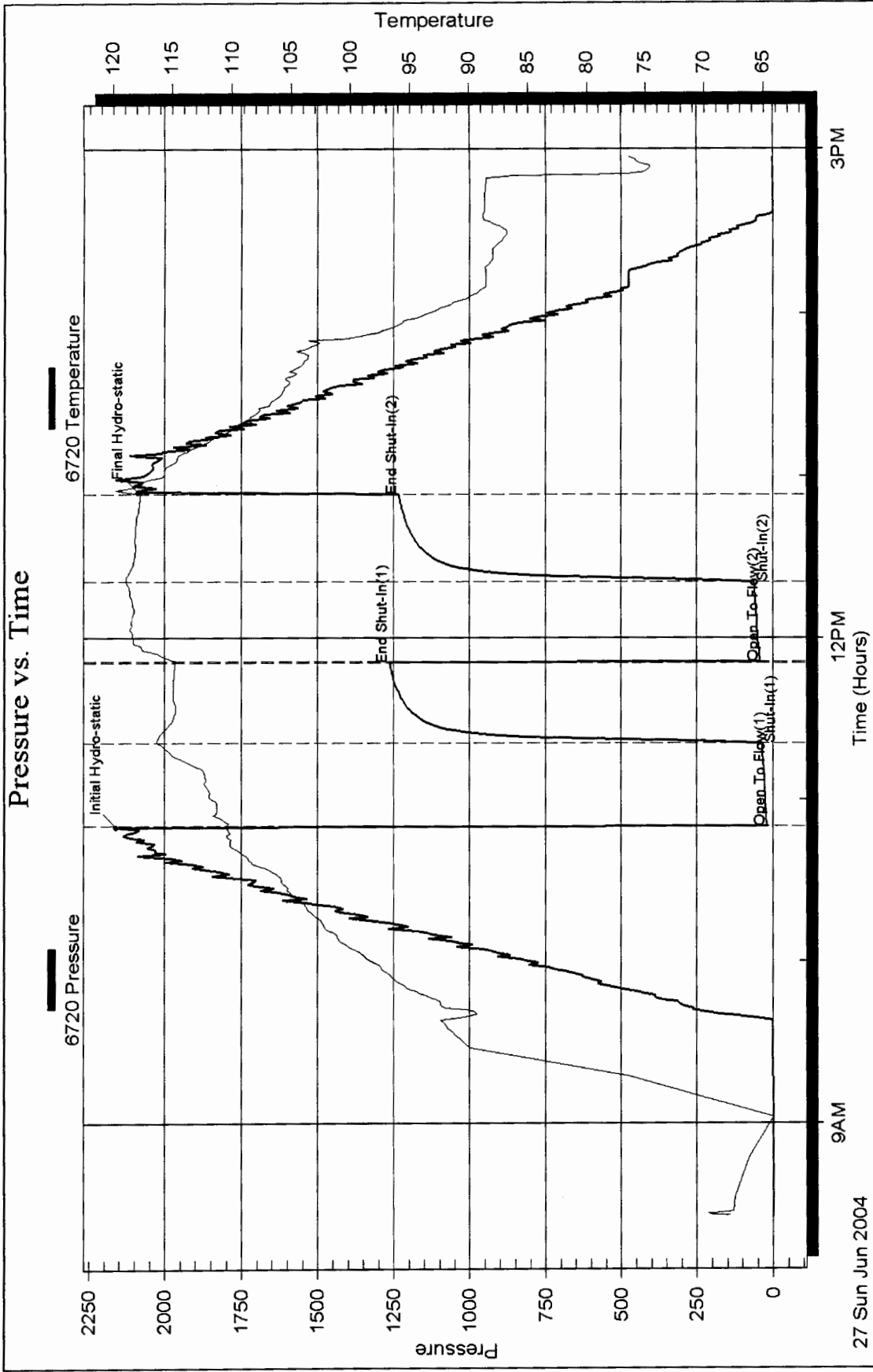
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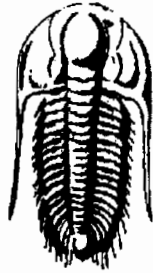
Petex Inc

30-10-33 Logan ,Ks

DST Test Number: 3

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Petex Inc**

4175 S Farn Rd 193
Rogersville MO 65742

ATTN: Petex Inc

30-10-33 Logan ,Ks

Reed #1

Start Date: 2004.06.28 @ 21:00:05

End Date: 2004.06.29 @ 02:45:59

Job Ticket #: 19093 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Petex Inc

Reed #1

30-10-33 Logan ,Ks

DST # 4

Johnson

2004.06.28



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Petex Inc
4175 S Farm Rd 193
Rogersville MO 65742
ATTN: Petex Inc

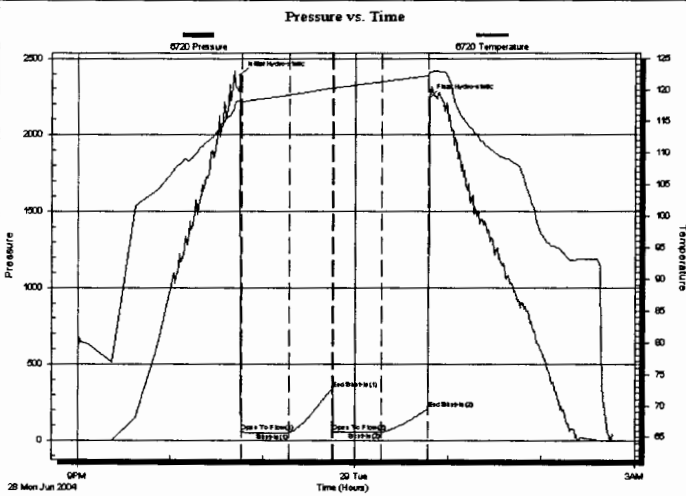
Reed #1
30-10-33 Logan ,Ks
Job Ticket: 19093 **DST#: 4**
Test Start: 2004.06.28 @ 21:00:05

GENERAL INFORMATION:

Formation: **Johnson**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 22:46:15
Time Test Ended: 02:45:59
Interval: **4630.00 ft (KB) To 4694.00 ft (KB) (TVD)**
Total Depth: **4694.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole**
Tester: **Shane McBride**
Unit No: **25**
Reference Elevations: **3188.00 ft (KB)**
3183.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 6720 **Inside**
Press@RunDepth: **53.83 psig @ 4631.00 ft (KB)**
Start Date: **2004.06.28** End Date: **2004.06.29**
Start Time: **21:00:05** End Time: **02:45:59**
Capacity: **7000.00 psig**
Last Calib.: **1899.12.30**
Time On Btm: **2004.06.28 @ 22:45:15**
Time Off Btm: **2004.06.29 @ 00:48:00**

TEST COMMENT: **1/2" in. @ open died in 27min.**
No return
No blow
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2389.58	118.50	Initial Hydro-static
1	54.91	118.13	Open To Flow (1)
33	52.49	119.21	Shut-In(1)
61	341.32	120.32	End Shut-In(1)
61	53.84	120.26	Open To Flow (2)
92	53.83	121.27	Shut-In(2)
122	209.90	122.21	End Shut-In(2)
123	2241.26	122.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud 100%m	0.10

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Petex Inc
4175 S Farm Rd 193
Rogersville MO 65742
ATTN: Petex Inc

Reed #1
30-10-33 Logan ,Ks
Job Ticket: 19093 **DST#: 4**
Test Start: 2004.06.28 @ 21:00:05

Tool Information

Drill Pipe:	Length: 4498.00 ft	Diameter: 3.80 inches	Volume: 63.10 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 63.70 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4630.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	84.00 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			4611.00	
Shut In Tool	5.00			4616.00	
Hydraulic tool	5.00			4621.00	
Packer	5.00			4626.00	20.00 Bottom Of Top Packer
Packer	4.00			4630.00	
Stubb	1.00			4631.00	
Recorder	0.00	6720	Inside	4631.00	
Perforations	25.00			4656.00	
Change Over Sub	1.00			4657.00	
Drill Pipe	31.00			4688.00	
Change Over Sub	1.00			4689.00	
Recorder	0.00	2023	Outside	4689.00	
Bullnose	5.00			4694.00	64.00 Bottom Packers & Anchor

Total Tool Length: 84.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Petex Inc
4175 S Farm Rd 193
Rogersville MO 65742
ATTN: Petex Inc

Reed #1
30-10-33 Logan ,Ks
Job Ticket: 19093 **DST#: 4**
Test Start: 2004.06.28 @ 21:00:05

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:	5000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.39 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	mud 100%m	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

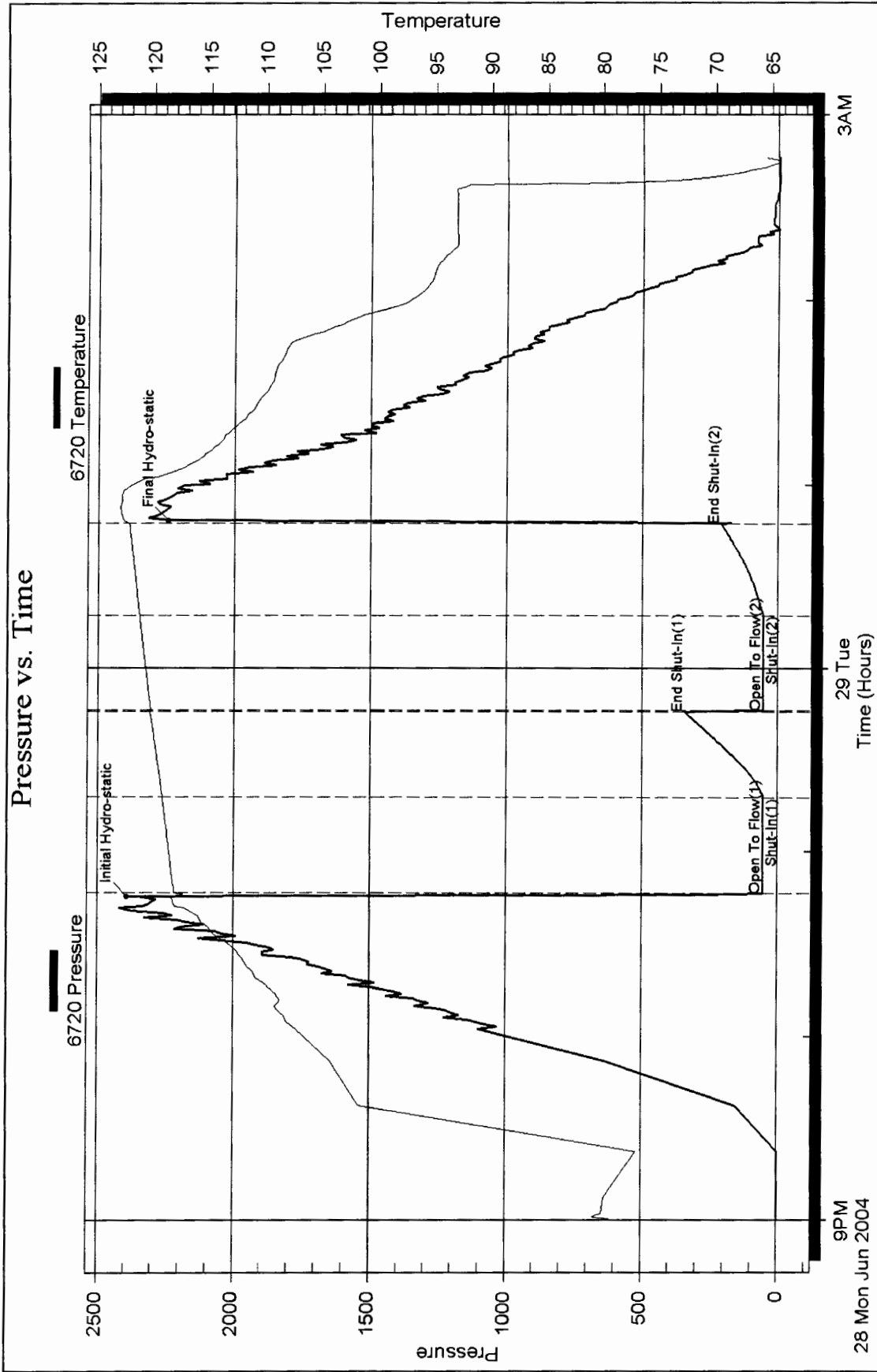
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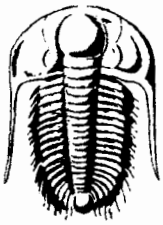
Inside

Petex Inc

30-10-33 Logan ,Ks

DST Test Number: 4





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

INV 05-54

No 19090

05/03

Test Ticket

Well Name & No. Reed #1 Test No. #1 Date 6-26-04
 Company Petex Inc. Zone Tested H-I
 Address 4175 S. Farm Rd 193 Rogersville, Mo 65742 Elevation 3188' KB 3183' GL
 Co. Rep / Geo. Steve Davis Cont. Martin #24 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 30 Twp. 105 Rge. 33w Co. Thomas State Ks
 No. of Copies None Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4267' 4322' Initial Str Wt./Lbs. 52,000 Unseated Str Wt./Lbs. 56,000
 Anchor Length _____ 55' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 75,000
 Top Packer Depth _____ 4262' Tool Weight 1500
 Bottom Packer Depth _____ 4267' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth _____ 4322' Wt. Pipe Run _____ Drill Collar Run 184'
 Mud Wt. 9.2 LCM Ti Vis. 50 WL 8.0 Drill Pipe Size 4 1/2 XH Ft. Run 4096'

Blow Description 1" in @ open built to 7 1/2" in.
Return blow in 4 min built to 1" in
1" in @ open built to 8" in
Return blow in 4 min built to 1" in

Recovery - Total Feet 484' GIP _____ Ft. in DC 184 Ft. in DP 300'
 Rec. 484' Feet of SMCW %gas _____ %oil _____ %water 80 %mud 20
 Rec. _____ Feet of _____ %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 119° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .150 @ 70 °F Chlorides 48,500 ppm Recovery 48,500 Chlorides 2,000 ppm System

	AK-1	Alpine	Recorder No.	Test X
(A) Initial Hydrostatic Mud		<u>2121</u> PSI	<u>6720</u>	<u>800⁰⁰</u>
(B) First Initial Flow Pressure		<u>36</u> PSI	(depth) <u>4268'</u>	Elec. Rec X <u>150⁰⁰</u>
(C) First Final Flow Pressure		<u>127</u> PSI	Recorder No. <u>2023</u>	Jars _____
(D) Initial Shut-In Pressure		<u>962</u> PSI	(depth) <u>4317'</u>	Safety Jt. _____
(E) Second Initial Flow Pressure		<u>149</u> PSI	Recorder No. _____	Circ Sub <u>X N/C</u>
(F) Second Final Flow Pressure		<u>217</u> PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure		<u>1034</u> PSI	Initial Opening <u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud		<u>2049</u> PSI	Initial Shut-In <u>45</u>	Ext. Packer _____
			Final Flow <u>45</u>	Shale Packer _____
			Final Shut-In <u>60</u>	Mileage <u>x 60</u> \$ 4000
			T-On Location <u>03:45 A.M.</u>	Sub Total: \$ 7000
			T-Started <u>04:35 A.M.</u>	Std. By <u>\$ 1052.00</u>
			T-Open <u>06:40 A.M.</u>	Other _____
			T-Pulled <u>09:40 A.M.</u>	Total: <u>\$ 2210</u>
			T-Out _____	

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 JAD
 Our Representative Shurtmuff

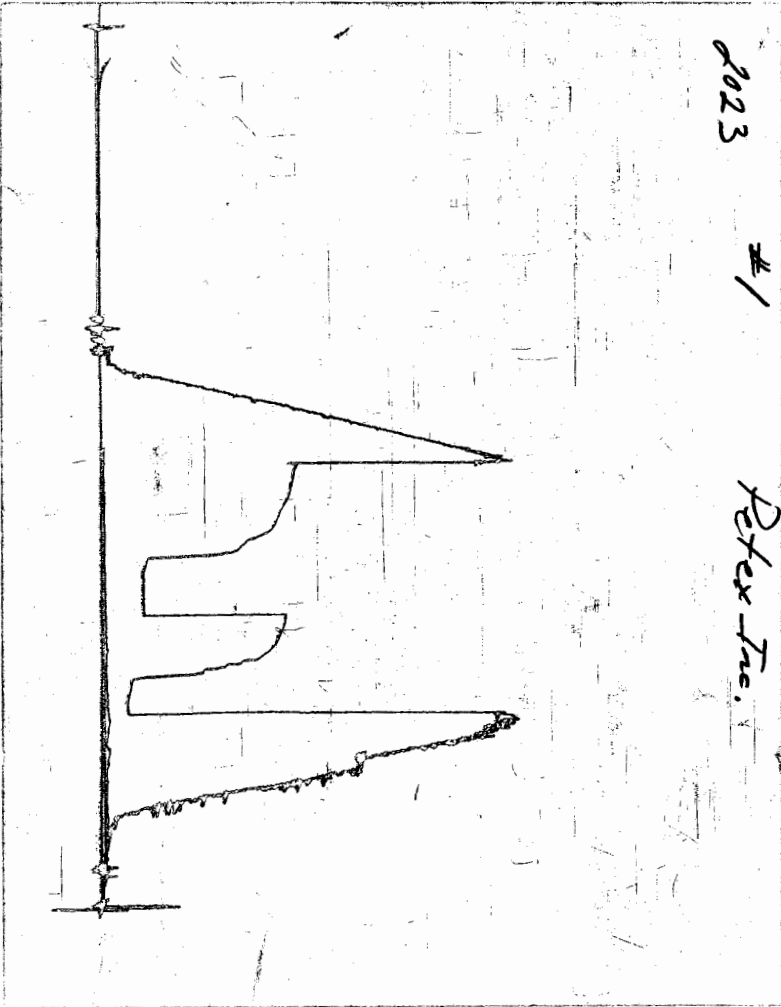
CHART PAGE

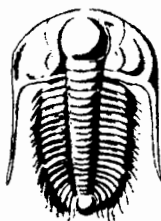
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2023

#1

Peter Inc.





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No. 19091

05/03

Test Ticket

Well Name & No. Reed #1 Test No. #2 Date 6-26-04
 Company Petex Inc. Zone Tested J
 Address 4175 S. Farm Rd 193 Rogersville, Mo 65742 Elevation 3188' KB 3183' GL
 Co. Rep / Geo. Steve Davis Cont. _____ Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 30 Twp. 105 Rge. 33w Co. Thomas State K5
 No. of Copies None Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4321' 4354' Initial Str Wt./Lbs. 54,000 Unseated Str Wt/Lbs. 54,000
 Anchor Length _____ 33' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 75,000
 Top Packer Depth _____ 4316' Tool Weight 1500
 Bottom Packer Depth _____ 4321' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth _____ 4354' Wt. Pipe Run _____ Drill Collar Run 184'
 Mud Wt. 9.2 LCM Tf Vis. 50 WL 8.0 Drill Pipe Size 4 1/2 XH Ft. Run 4131'
 Blow Description 1/2" in @ open built to 1" in.

No return
No blow
No return

Recovery - Total Feet 20' GIP _____ Ft. in DC 20' Ft. in DP _____
 Rec. 20' Feet of mud %gas _____ %oil _____ %water 100 %mud
 Rec. _____ Feet of _____ %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 117° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides 2000 ppm Recovery 2000 Chlorides 2,000 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	2175 PSI	Recorder No.	6720	Test X	600 ⁰⁰
(B) First Initial Flow Pressure			15 PSI	(depth)	4322'	Elec. Rec X	150 ⁰⁰
(C) First Final Flow Pressure			26 PSI	Recorder No.	2023	Jars	
(D) Initial Shut-In Pressure			1246 PSI	(depth)	4349'	Safety Jt.	
(E) Second Initial Flow Pressure			27 PSI	Recorder No.		Circ Sub X N/C	
(F) Second Final Flow Pressure			35 PSI	(depth)		Sampler	
(G) Final Shut-In Pressure			1208 PSI	Initial Opening	30	Straddle	
(Q) Final Hydrostatic Mud			2026 PSI	Initial Shut-In	30	Ext. Packer	
				Final Flow	30	Shale Packer	
				Final Shut-In	30	Mileage	60 \$60 ⁰⁰
				T-On Location	18:30 p.m.	Sub Total:	\$1070 ⁰⁰
				T-Started	19:00 p.m.	Std. By	\$1052
				T-Open	20:50 p.m.	Other	
				T-Pulled	22:50 p.m.	Total:	\$1070 ⁰⁰
				T-Out	01:00 A.m.		

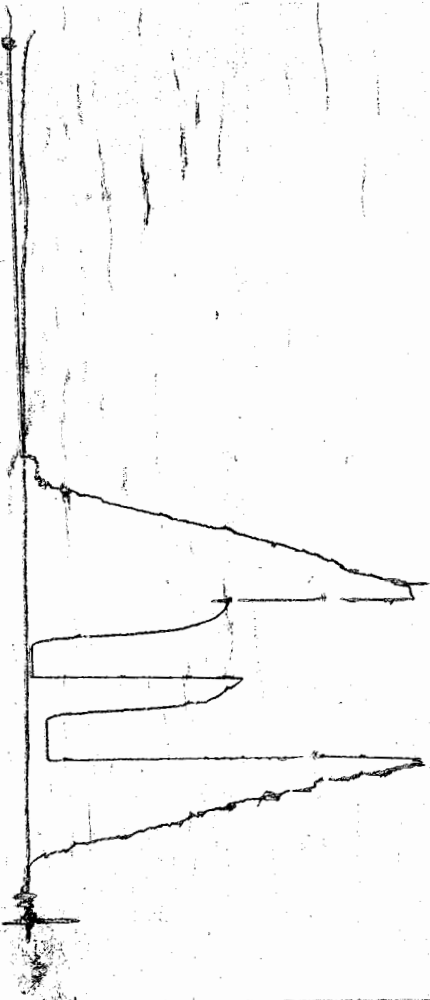
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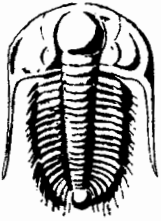
Approved By St O
 Our Representative Shum...

CHART PAGE

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

2023 #2 Petex Inc





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 19092

05/03

Test Ticket

Well Name & No. Reed #1 Test No. #3 Date 6-27-04
 Company Petex Inc. Zone Tested K
 Address 4755 S. Farm Rd 193, Rogersville, Mo 65742 Elevation 3188' KB 3183' GL
 Co. Rep / Geo. Steve Davis Cont. Mulin #24 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 30 Twp. 10S Rge. 33W Co. Thomas State Ks
 No. of Copies Perm. Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4351' 4376' Initial Str Wt./Lbs. 50,000 Unseated Str Wt./Lbs. 50,000
 Anchor Length _____ 25' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 75,000
 Top Packer Depth _____ 4346' Tool Weight 1,500
 Bottom Packer Depth _____ 4351' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth _____ 4376' Wt. Pipe Run _____ Drill Collar Run 122'
 Mud Wt. 9.1 LCM T Vis. 51 WL 8.8 Drill Pipe Size 4 1/2 XH Ft. Run 4221'
 Blow Description 1" in blow died back to 1/2" in.

No return
Surface blow in 5 min built to 1/2" in.
No return

Recovery - Total Feet 65' GIP _____ Ft. in DC 65' Ft. in DP _____
 Rec. 65' Feet of MCW w/o: 1 spec %gas spec %oil _____ %water 70 %mud 30
 Rec. _____ Feet of _____ %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 118° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .198 @ 74 °F Chlorides 34,500 ppm Recovery 34,500 Chlorides 3400 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	2160 PSI	Recorder No.	<u>6720</u>	Test X	<u>800⁰⁰</u>
(B) First Initial Flow Pressure			<u>18</u> PSI	(depth)	<u>4352'</u>	Elec. Rec. X	<u>150⁰⁰</u>
(C) First Final Flow Pressure			<u>36</u> PSI	Recorder No.	<u>2023</u>	Jars	
(D) Initial Shut-In Pressure			<u>1263</u> PSI	(depth)	<u>4371'</u>	Safety Jt.	
(E) Second Initial Flow Pressure			<u>42</u> PSI	Recorder No.		Circ Sub X	<u>N/C</u>
(F) Second Final Flow Pressure			<u>60</u> PSI	(depth)		Sampler	
(G) Final Shut-In Pressure			<u>1233</u> PSI	Initial Opening	<u>30</u>	Straddle	
(Q) Final Hydrostatic Mud			<u>2087</u> PSI	Initial Shut-In	<u>30</u>	Ext. Packer	
				Final Flow	<u>30</u>	Shale Packer	
				Final Shut-In	<u>30</u>	Mileage	<u>60</u> <u>\$16000</u>
				T-On Location	<u>07:45 A.M.</u>	Sub Total:	<u>\$1010⁰⁰</u>
				T-Started	<u>08:25 A.M.</u>	Std. By	<u>1052</u>
				T-Open	<u>10:45 A.M.</u>	Other	
				T-Pulled	<u>12:45 p.m.</u>	Total:	<u>\$1010⁰⁰</u>
				T-Out	<u>15:05 p.m.</u>		

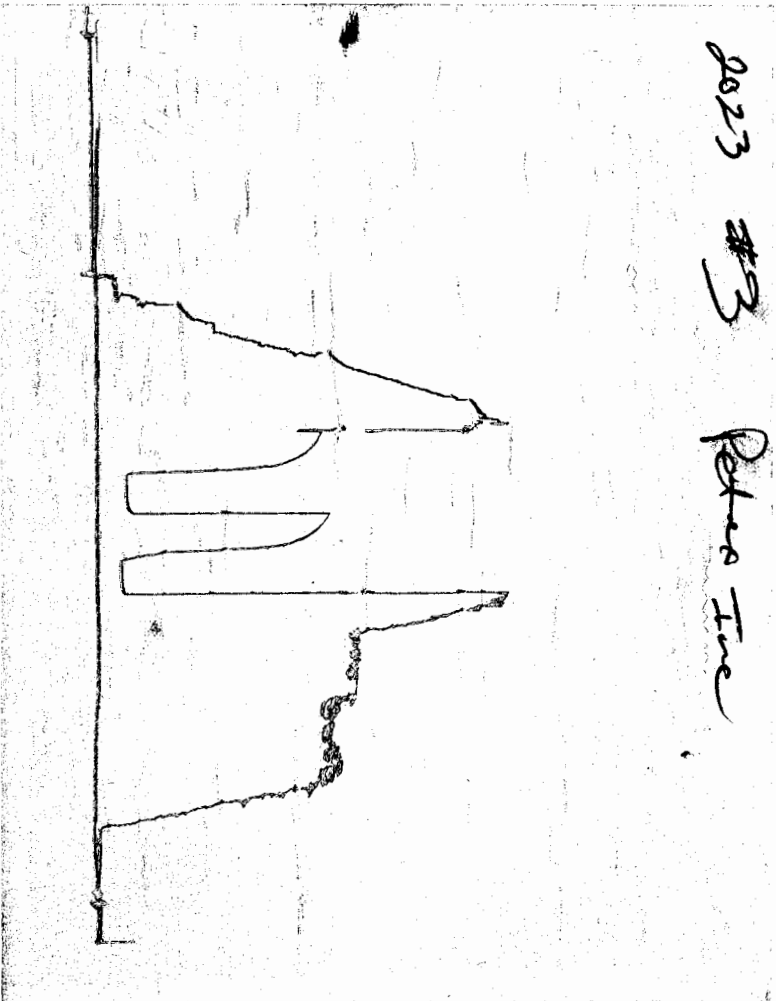
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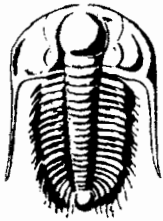
Approved By [Signature]
 Our Representative [Signature]

CHART PAGE

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

2023 #3 Petrus Fine





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No. 19093

05/03

Test Ticket

Well Name & No. Reed #1 Test No. #1 Date 6-28-04
 Company Petex Inc. Zone Tested Johnson
 Address 4175 S. Farm Rd. 193 Rogersville, Mo Elevation 3188' KB 3183' GL
 Co. Rep / Geo. Steve Davis Cont. Murkin #24 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 30 Twp. 10S Rge. 33W Co. Thomas State Ks
 No. of Copies None Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4630' 4694' Initial Str Wt./Lbs. 55,000 Unseated Str Wt./Lbs. 55,000
 Anchor Length _____ 64' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 75,000
 Top Packer Depth _____ 4625' Tool Weight 1500
 Bottom Packer Depth _____ 4630' Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth _____ 4694' Wt. Pipe Run _____ Drill Collar Run 122'
 Mud Wt. 9.0 LCM Tr Vis. 50 WL 10.4 Drill Pipe Size 4 1/2 X H Ft. Run 4498'
 Blow Description 1/2" in @ open died in 27 min.

No return
No blow
No return

Recovery - Total Feet 20' GIP _____ Ft. in DC 20' Ft. in DP _____
 Rec. 20' Feet of MUD %gas _____ %oil _____ %water 100 %mud _____
 Rec. _____ Feet of _____ %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 122° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API _____
 RW _____ @ _____ °F Chlorides _____ ppm Recovery 5000 Chlorides 5,000 ppm System _____

	AK-1	Alpine	Recorder No.	Test Y
(A) Initial Hydrostatic Mud		<u>2389</u> PSI	<u>6720</u>	<u>800.00</u>
(B) First Initial Flow Pressure		<u>54</u> PSI	(depth) <u>4631'</u>	Elec. Rec. <u>150.00</u>
(C) First Final Flow Pressure		<u>52</u> PSI	Recorder No. <u>2023</u>	Jars _____
(D) Initial Shut-In Pressure		<u>341</u> PSI	(depth) <u>4689'</u>	Safety Jt. _____
(E) Second Initial Flow Pressure		<u>53</u> PSI	Recorder No. _____	Circ Sub <u>X N/E</u>
(F) Second Final Flow Pressure		<u>53</u> PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure		<u>209</u> PSI	Initial Opening <u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud		<u>2241</u> PSI	Initial Shut-In <u>30</u>	Ext. Packer _____
			Final Flow <u>30</u>	Shale Packer _____
			Final Shut-In <u>30</u>	Mileage <u>60</u> \$ <u>60.00</u>

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Approved By St Os
 Our Representative Steve Davis

T-On Location 20:30 p.m. Sub Total: \$ 1610.00
 T-Started 21:00 p.m. Std. By 1052
 T-Open 22:45 p.m. Other _____
 T-Pulled 00:45 a.m. Total: \$ 1070.00
 T-Out 03:00 a.m.

CHART PAGE

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

