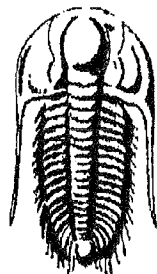


31-12s-19w

KANSAS CORPORATION COMMISSION
JUL 30 2009
RECEIVED



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Tomlinson Operating**

7154 W. State St.
PMB 302
Boise, ID 83714

ATTN: Bob O'Dell

31-12s-19w Ellis KS

Pfeiffer #2

Start Date: 2009.06.29 @ 23:35:05

End Date: 2009.06.30 @ 05:31:20

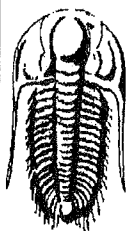
Job Ticket #: 36336 DST #: 1

Handwritten signature/initials and date 8/4/09

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Tomlinson Operating

7154 W. State St.
PMB 302
Boise, ID 83714
ATTN: Bob O'Dell

Pfeiffer #2

31-12s-19w Ellis KS

Job Ticket: 36336

DST#: 1

Test Start: 2009.06.29 @ 23:35:05

GENERAL INFORMATION:

Formation: **Toronto - LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:01:35

Time Test Ended: 05:31:20

Interval: **3471.00 ft (KB) To 3520.00 ft (KB) (TVD)**

Total Depth: 3520.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 44

Reference Elevations: 2188.00 ft (KB)

2179.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6669

Inside

Press@RunDepth: 51.66 psig @ 3477.00 ft (KB)

Start Date: 2009.06.29

End Date:

2009.06.30

Start Time: 23:35:06

End Time:

05:31:20

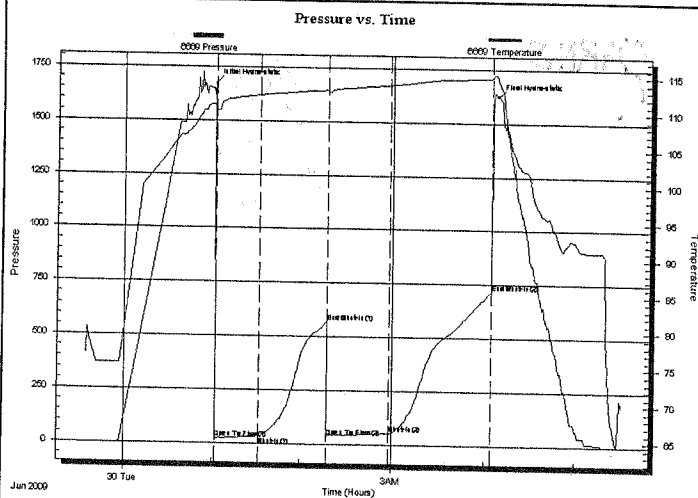
Capacity: 7000.00 psig

Last Calib.: 2009.06.30

Time On Btm: 2009.06.30 @ 01:01:20

Time Off Btm: 2009.06.30 @ 04:07:35

TEST COMMENT: IFP-Weak surface blow built to BOB in 25 min
IS-no blow back
FFP-BOB in 6 min
FSI-Weak surface blow back died in 17 min



PRESSURE SUMMARY

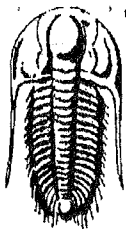
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1671.43	110.66	Initial Hydro-static
1	19.88	109.86	Open To Flow (1)
31	32.76	112.24	Shut-In(1)
76	568.06	113.01	End Shut-In(1)
77	35.62	112.82	Open To Flow(2)
117	51.66	113.75	Shut-In(2)
183	714.01	114.83	End Shut-In(2)
187	1619.98	114.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	GOCM 30%G,30%O,40%M	0.43
60.00	OCM 20%O,80%M	0.85
0.00	570' GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tomlinson Operating

Pfeiffer #2

7154 W. State St.

31-12s-19w Ellis KS

PMB 302

Job Ticket: 36336

DST#: 1

Boise, ID 83714

ATTN: Bob O'Dell

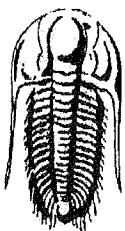
Test Start: 2009.06.29 @ 23:35:05

Tool Information

Drill Pipe:	Length: 3445.00 ft	Diameter: 3.82 inches	Volume: 48.83 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	50000.00 lb
		Total Volume:	48.83 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	3471.00 ft			Final	42000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	49.00 ft				
Tool Length:	78.00 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			3443.00	
Shut In Tool	5.00			3448.00	
Hydraulic tool	5.00			3453.00	
Jars	5.00			3458.00	
Safety Joint	3.00			3461.00	
Packer	5.00			3466.00	29.00 Bottom Of Top Packer
Packer	5.00			3471.00	
Stubb	1.00			3472.00	
Perforations	4.00			3476.00	
Change Over Sub	1.00			3477.00	
Recorder	0.00	6719	Inside	3477.00	
Recorder	0.00	6669	Inside	3477.00	
Blank Spacing	30.00			3507.00	
Change Over Sub	1.00			3508.00	
Perforations	9.00			3517.00	
Bullnose	3.00			3520.00	49.00 Bottom Packers & Anchor
Total Tool Length:		78.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Tomlinson Operating

Pfeiffer #2

7154 W. State St.

PMB 302

Boise, ID 83714

ATTN: Bob O'Dell

31-12s-19w Ellis KS

Job Ticket: 36336

DST#: 1

Test Start: 2009.06.29 @ 23:35:05

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 44.00 sec/qt

Water Loss: 8.78 in³

Resistivity: ohm.m

Salinity: 4000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	GOCM 30%G,30%O,40%M	0.425
60.00	OCM 20%O,80%M	0.851
0.00	570' GIP	0.000

Total Length: 90.00 ft Total Volume: 1.276 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

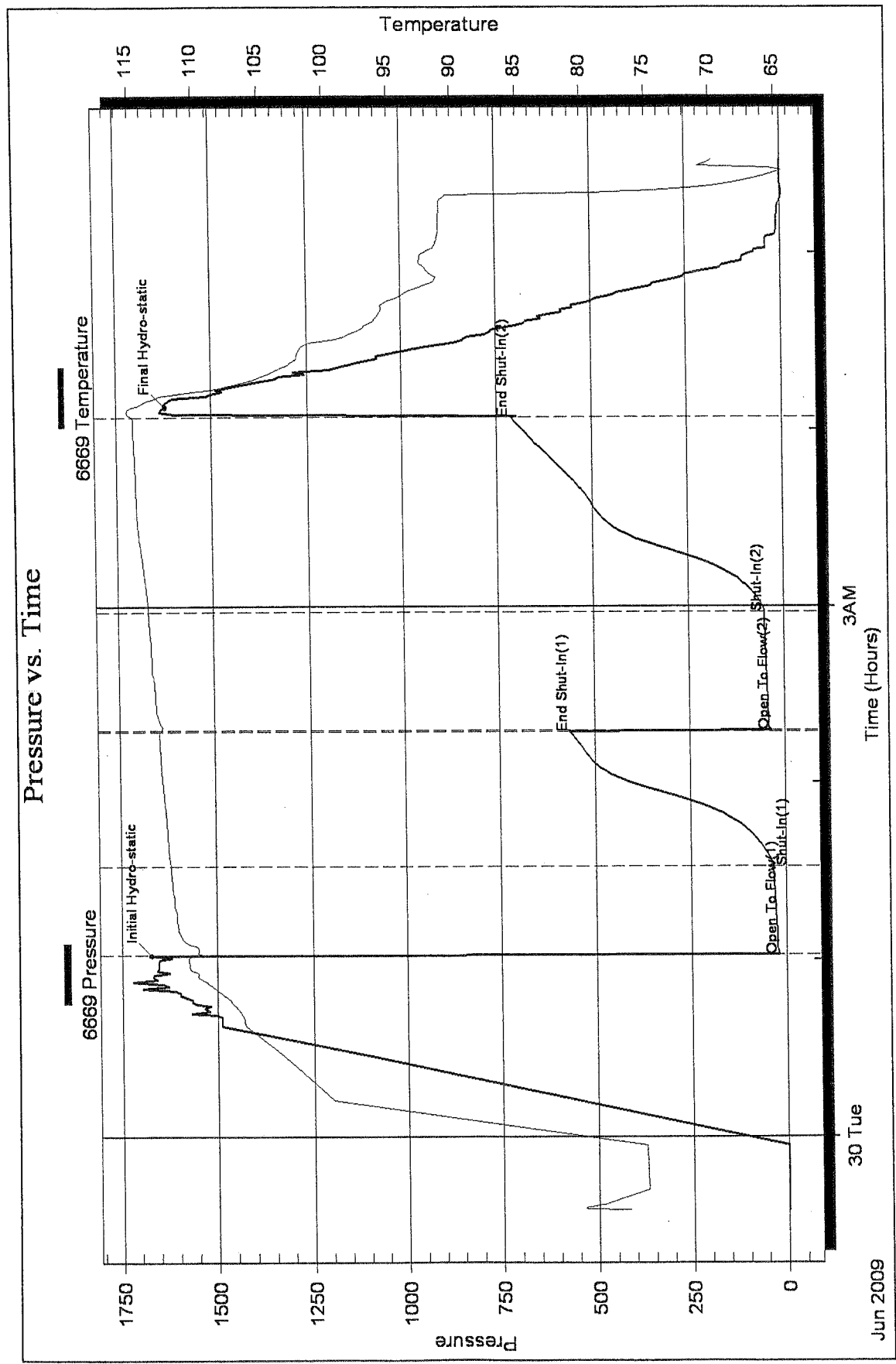
31-12s-19w Ellis KS

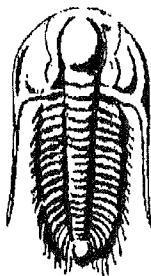
Tomlinson Operating

Inside

Serial #: 6669

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Tomlinson Operating**

7154 W. State St.
PMB 302
Boise, ID 83714

ATTN: Bob O'Dell

31-12s-19w Ellis KS

Pfeiffer Farms
Pfeiffer #2

Start Date: 2009.06.30 @ 11:45:38

End Date: 2009.06.30 @ 16:48:38

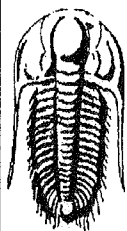
Job Ticket #: 36337 DST #: 2

*KCC
M
8/6/09*

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JUL 30 2009
RECEIVED

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Tomlinson Operating

7154 W. State St.
PMB 302
Boise, ID 83714
ATTN: Bob O'Dell

Pfeiffer #2

31-12s-19w Ellis KS

Job Ticket: 36337

DST#: 2

Test Start: 2009.06.30 @ 11:45:38

GENERAL INFORMATION:

Formation: LKC "B"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:24:38

Time Test Ended: 16:48:38

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 44

Interval: 3519.00 ft (KB) To 3550.00 ft (KB) (TVD)

Total Depth: 3550.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2188.00 ft (KB)

2179.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6719

Inside

Press@RunDepth: 20.88 psig @ 3524.00 ft (KB)

Start Date: 2009.06.30

End Date:

2009.06.30

Start Time: 11:45:43

End Time:

16:48:37

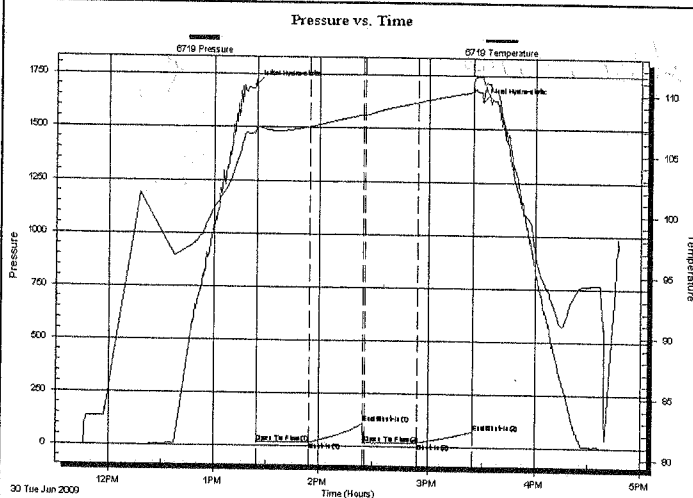
Capacity: 7000.00 psig

Last Calib.: 2009.06.30

Time On Btm: 2009.06.30 @ 13:23:53

Time Off Btm: 2009.06.30 @ 15:30:23

TEST COMMENT: IFF-Weak surface blow throughout
ISI-no blow back
FFP-Weak surface blow built to 1"
FSI-no blow back



PRESSURE SUMMARY

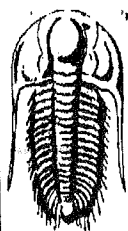
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1700.61	107.01	Initial Hydro-static
1	17.34	107.20	Open To Flow(1)
31	20.44	107.27	Shut-In(1)
61	108.47	108.28	End Shut-In(1)
62	15.54	108.26	Open To Flow(2)
91	20.88	109.32	Shut-In(2)
121	74.80	110.19	End Shut-In(2)
127	1629.84	111.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	OCM 10%O,90%M	0.14

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tomlinson Operating

Pfeiffer #2

7154 W. State St.
PMB 302
Boise, ID 83714
ATTN: Bob O'Dell

31-12s-19w Ellis KS

Job Ticket: 36337

DST#: 2

Test Start: 2009.06.30 @ 11:45:38

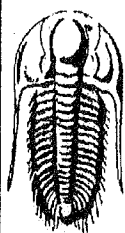
Tool Information

Drill Pipe:	Length: 3506.00 ft	Diameter: 3.82 inches	Volume: 49.70 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	70000.00 lb
		Total Volume:	49.70 bbl	Tool Chased	4.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	3519.00 ft			Final	40000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	31.00 ft				
Tool Length:	60.00 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			3491.00	
Shut In Tool	5.00			3496.00	
Hydraulic tool	5.00			3501.00	
Jars	5.00			3506.00	
Safety Joint	3.00			3509.00	
Packer	5.00			3514.00	29.00 Bottom Of Top Packer
Packer	5.00			3519.00	
Stubb	1.00			3520.00	
Perforations	4.00			3524.00	
Recorder	0.00	6719	Inside	3524.00	
Recorder	0.00	6669	Inside	3524.00	
Perforations	23.00			3547.00	
Bullnose	3.00			3550.00	31.00 Bottom Packers & Anchor

Total Tool Length: 60.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Tomlinson Operating

Pfeiffer #2

7154 W. State St.

31-12s-19w Ellis KS

PMB 302

Job Ticket: 36337

DST#: 2

Boise, ID 83714

Test Start: 2009.06.30 @ 11:45:38

ATTN: Bob O'Dell

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: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.88 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	OCM 10%O,90%M	0.142

Total Length: 10.00 ft

Total Volume: 0.142 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

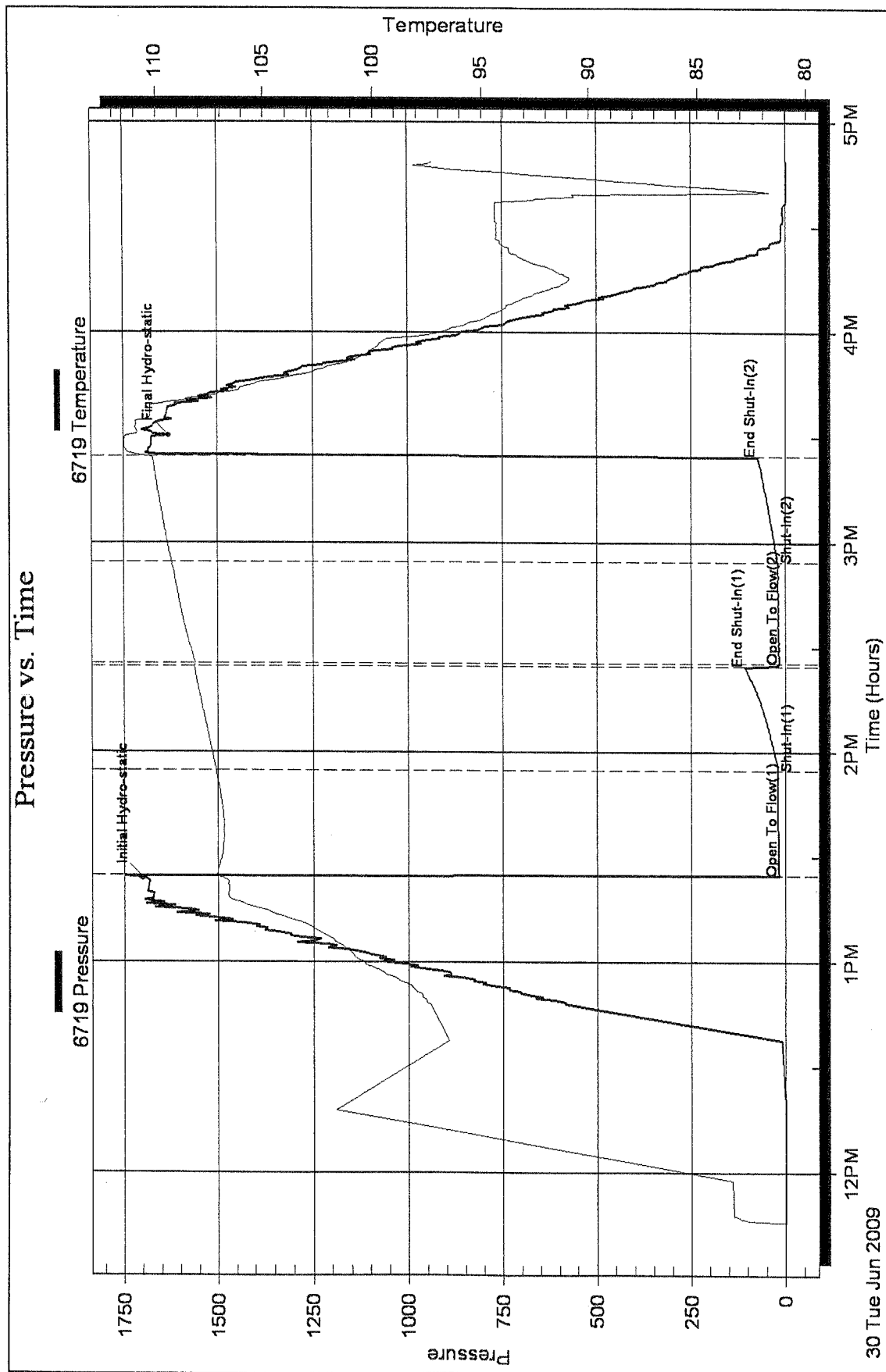
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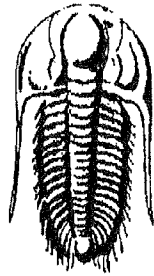
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Tomlinson Operating**

7154 W. State St.
PMB 302
Boise, ID 83714

ATTN: Bob O'Dell

31-12s-19w Ellis KS

Pfeiffer Farms 2
Pfeiffer #2

Start Date: 2009.07.01 @ 00:47:39

End Date: 2009.07.01 @ 06:58:24

Job Ticket #: 36338 DST #: 3

*Keep
in
8/06/09*

KANSAS CORPORATION COMMISSION

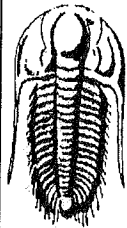
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Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Tomlinson Operating

7154 W. State St.
PMB 302
Boise, ID 83714
ATTN: Bob O'Dell

Pfeiffer #2

31-12s-19w Ellis KS

Job Ticket: 36338

DST#: 3

Test Start: 2009.07.01 @ 00:47:39

GENERAL INFORMATION:

Formation: **LKC "C-G"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:19:09

Time Test Ended: 06:58:24

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 44

Interval: **3552.00 ft (KB) To 3600.00 ft (KB) (TVD)**

Total Depth: 3600.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2188.00 ft (KB)

2179.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6719

Inside

Press@RunDepth: 142.79 psig @ 3558.00 ft (KB)

Start Date: 2009.07.01

End Date:

2009.07.01

Start Time: 00:47:44

End Time:

06:58:23

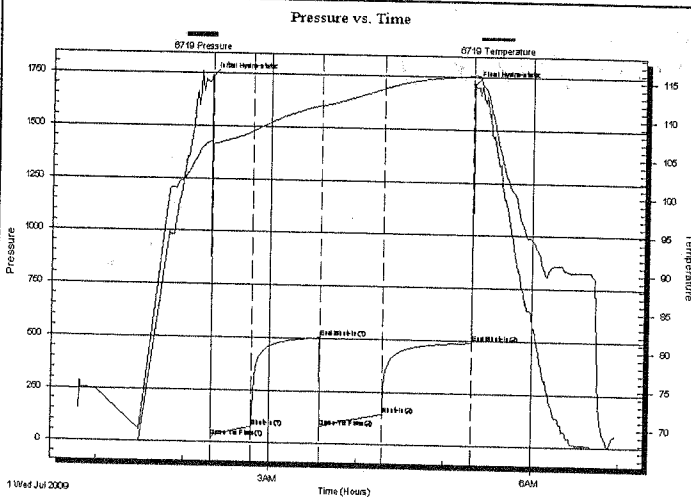
Capacity: 7000.00 psig

Last Calib.: 2009.07.01

Time On Btm: 2009.07.01 @ 02:18:39

Time Off Btm: 2009.07.01 @ 05:19:38

TEST COMMENT: IFP-Weak blow built to 10"
ISI-no blow back
FFP-Weak blow built to 7.5"
FSI-no blow back



PRESSURE SUMMARY

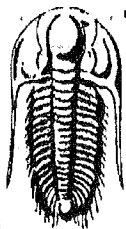
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1731.42	106.77	Initial Hydro-static
1	24.42	106.11	Open To Flow (1)
29	76.73	108.15	Shut-In(1)
76	501.98	111.62	End Shut-In(1)
76	80.85	111.52	Open To Flow (2)
119	142.79	113.90	Shut-In(2)
181	488.82	115.74	End Shut-In(2)
181	1716.40	115.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Water	1.70
120.00	MW 80%W,20%M	1.70
10.00	WM 40%W,60%M	0.14

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tomlinson Operating

Pfeiffer #2

7154 W. State St.

31-12s-19w Ellis KS

PMB 302

Job Ticket: 36338

DST#: 3

Boise, ID 83714

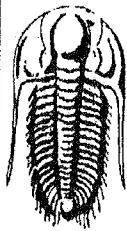
Test Start: 2009.07.01 @ 00:47:39

ATTN: Bob O'Dell

Tool Information

Drill Pipe:	Length:	3538.00 ft	Diameter:	3.82 inches	Volume:	50.15 bbl	Tool Weight:	2200.00 lb	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb	
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	60000.00 lb	
						Total Volume:	50.15 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	15.00 ft						String Weight: Initial	40000.00 lb	
Depth to Top Packer:	3552.00 ft						Final	43000.00 lb	
Depth to Bottom Packer:	ft								
Interval between Packers:	48.00 ft								
Tool Length:	77.00 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			3524.00	
Shut In Tool	5.00			3529.00	
Hydraulic tool	5.00			3534.00	
Jars	5.00			3539.00	
Safety Joint	3.00			3542.00	
Packer	5.00			3547.00	29.00 Bottom Of Top Packer
Packer	5.00			3552.00	
Stubb	1.00			3553.00	
Perforations	4.00			3557.00	
Change Over Sub	1.00			3558.00	
Recorder	0.00	6719	Inside	3558.00	
Recorder	0.00	6669	Inside	3558.00	
Blank Spacing	30.00			3588.00	
Change Over Sub	1.00			3589.00	
Perforations	8.00			3597.00	
Bullnose	3.00			3600.00	48.00 Bottom Packers & Anchor
Total Tool Length:	77.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Tomlinson Operating

Pfeiffer #2

7154 W. State St.
PMB 302
Boise, ID 83714
ATTN: Bob O'Dell

31-12s-19w Ellis KS

Job Ticket: 36338

DST#: 3

Test Start: 2009.07.01 @ 00:47:39

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 45.00 sec/qt

Water Loss: 8.89 in³

Resistivity: ohm.m

Salinity: 4800.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

deg API

Water Salinity:

27000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Water	1.701
120.00	MMV 80%W,20%M	1.701
10.00	WM 40%W,60%M	0.142

Total Length: 250.00 ft

Total Volume: 3.544 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

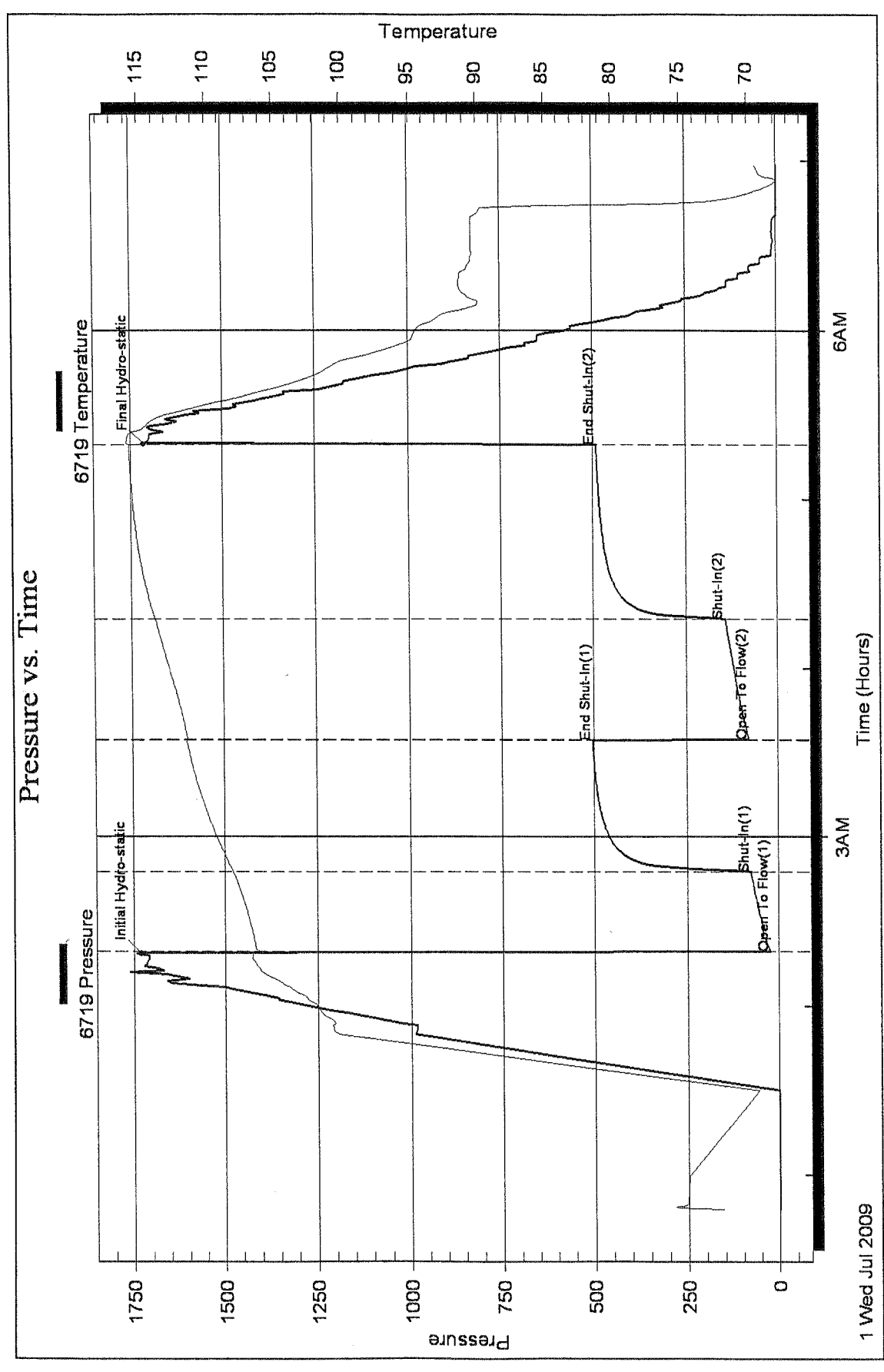
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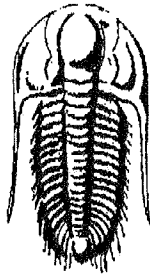
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Tomlinson Operating**

7154 W. State St.
PMB 302
Boise, ID 83714

ATTN: Bob O'Dell

31-12s-19w Ellis KS

Pfeiffer Farms #2
Pfeiffer #2

Start Date: 2009.07.01 @ 21:50:59

End Date: 2009.07.02 @ 04:02:29

Job Ticket #: 36339 DST #: 4

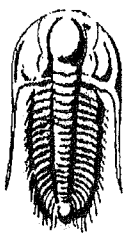
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Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Tomlinson Operating

7154 W. State St.
PMB 302
Boise, ID 83714
ATTN: Bob O'Dell

Pfeiffer #2

31-12s-19w Ellis KS

Job Ticket: 36339

DST#: 4

Test Start: 2009.07.01 @ 21:50:59

GENERAL INFORMATION:

Formation: **LKC "J-K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:31:59

Time Test Ended: 04:02:29

Interval: **3679.00 ft (KB) To 3710.00 ft (KB) (TVD)**

Total Depth: 3710.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 44

Reference Elevations: 2188.00 ft (KB)

2179.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6719

Inside

Press@RunDepth: 20.89 psig @ 3684.00 ft (KB)

Start Date: 2009.07.01 End Date:

Start Time: 21:51:04 End Time:

Capacity: 7000.00 psig

Last Calib.: 2009.07.02

Time On Btm: 2009.07.01 @ 23:31:29

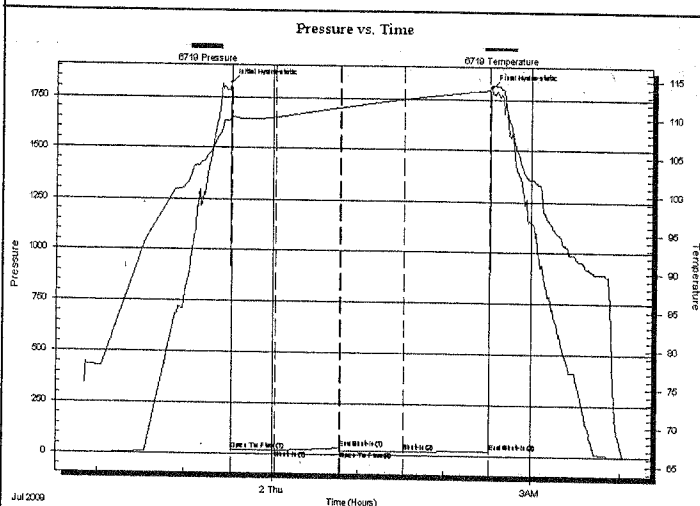
Time Off Btm: 2009.07.02 @ 02:32:43

TEST COMMENT: IFP-Weak surface blow died in 18 min

ISI-no blow back

FFP-no blow

FSI-no blow back



PRESSURE SUMMARY

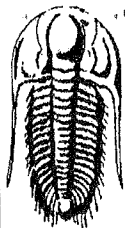
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1819.71	110.21	Initial Hydro-static
1	20.08	109.91	Open To Flow (1)
31	20.32	110.04	Shut-In (1)
75	32.97	111.33	End Shut-In (1)
76	20.64	111.35	Open To Flow (2)
121	20.89	112.51	Shut-In (2)
181	25.98	113.80	End Shut-In (2)
182	1805.25	114.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud	0.01

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tomlinson Operating

Pfeiffer #2

7154 W. State St.

31-12s-19w Ellis KS

PMB 302

Job Ticket: 36339

DST#: 4

Boise, ID 83714

Test Start: 2009.07.01 @ 21:50:59

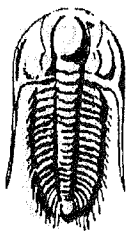
ATTN: Bob O'Dell

Tool Information

Drill Pipe:	Length:	3663.00 ft	Diameter:	3.82 inches	Volume:	51.92 bbl	Tool Weight:	2200.00 lb		
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb		
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	70000.00 lb		
					Total Volume:	51.92 bbl	Tool Chased	1.00 ft		
Drill Pipe Above KB:	13.00 ft							String Weight: Initial	42000.00 lb	
Depth to Top Packer:	3679.00 ft							Final	42000.00 lb	
Depth to Bottom Packer:	ft									
Interval between Packers:	31.00 ft									
Tool Length:	60.00 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			3651.00	
Shut In Tool	5.00			3656.00	
Hydraulic tool	5.00			3661.00	
Jars	5.00			3666.00	
Safety Joint	3.00			3669.00	
Packer	5.00			3674.00	29.00 Bottom Of Top Packer
Packer	5.00			3679.00	
Stubb	1.00			3680.00	
Perforations	4.00			3684.00	
Recorder	0.00	6719	Inside	3684.00	
Recorder	0.00	6669	Inside	3684.00	
Perforations	23.00			3707.00	
Bullnose	3.00			3710.00	31.00 Bottom Packers & Anchor

Total Tool Length: 60.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Tomlinson Operating

Pfeiffer #2

7154 W. State St.

31-12s-19w Ellis KS

PMB 302

Job Ticket: 36339

DST#: 4

Boise, ID 83714

Test Start: 2009.07.01 @ 21:50:59

ATTN: Bob O'Dell

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Oil API:

deg API

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Salinity:

ppm

Water Loss: 8.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Mud	0.014

Total Length: 1.00 ft

Total Volume: 0.014 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

