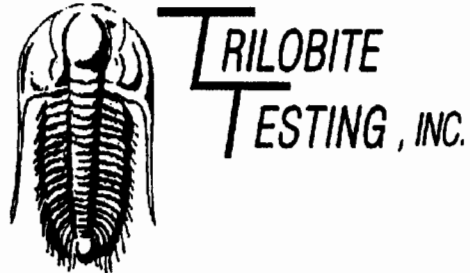


13-17S-30W
NE NE SW



DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

13 17 30 Lane KS

Burmeister #1

Start Date: 2006.12.20 @ 02:30:11

End Date: 2006.12.20 @ 11:00:20

Job Ticket #: 26622 DST #: 1

15-101-21990

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CONFIDENTIAL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Carmen Schmitt Inc
PO Box 47
Great Bend KS 67530
ATTN: Jacob Porter

Burmeister #1
13 17 30 Lane KS
Job Ticket: 26622 **DST#: 1**
Test Start: 2006.12.20 @ 02:30:11

GENERAL INFORMATION:

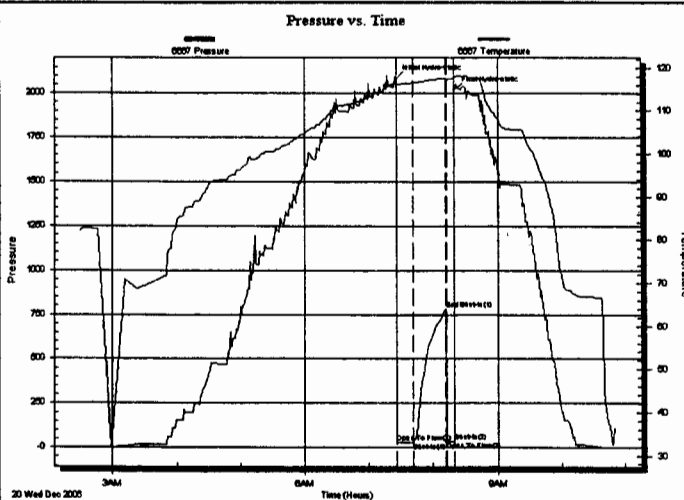
Formation: J-K
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:26:51
Time Test Ended: 11:00:20
Interval: **4184.00 ft (KB) To 4240.00 ft (KB) (TVD)**
Total Depth: 4240.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Shane McBride
Unit No: 40
Reference Elevations: 2848.00 ft (KB)
2838.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6667

Inside

Press@RunDepth: 29.79 psig @ 4185.00 ft (KB)
Start Date: 2006.12.20 End Date: 2006.12.20
Start Time: 02:30:11 End Time: 10:50:20
Capacity: 7000.00 psig
Last Calib.: 2006.12.20
Time On Btm: 2006.12.20 @ 07:26:36
Time Off Btm: 2006.12.20 @ 08:20:06

TEST COMMENT: Weak blow died in 9 min.
No return
No blow pull tool



PRESSURE SUMMARY

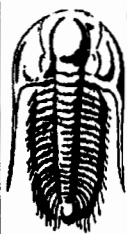
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2084.55	116.50	Initial Hydro-static
1	26.84	115.86	Open To Flow (1)
16	29.79	116.51	Shut-In(1)
46	780.77	117.57	End Shut-In(1)
46	31.31	117.37	Open To Flow (2)
53	32.35	117.47	Shut-In(2)
54	2019.40	118.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100%M	0.02

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt Inc
PO Box 47
Great Bend KS 67530
ATTN: Jacob Porter

Burmeister #1
13 17 30 Lane KS
Job Ticket: 26622 **DST#: 1**
Test Start: 2006.12.20 @ 02:30:11

Tool Information

Drill Pipe:	Length: 3900.00 ft	Diameter: 3.80 inches	Volume: 54.71 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: 283.00 ft	Diameter: 2.25 inches	Volume: 1.39 bbl	Weight to Pull Loose:	110000.0 lb
		Total Volume:	56.10 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	82000.00 lb
Depth to Top Packer:	4184.00 ft			Final	82000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	56.00 ft				
Tool Length:	82.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4163.00	
Hydraulic tool	5.00			4168.00	
Jars	5.00			4173.00	
Safety Joint	2.00			4175.00	
Packer	5.00			4180.00	26.00 Bottom Of Top Packer
Packer	4.00		Inside	4184.00	
Stubb	1.00			4185.00	
Recorder	0.00	6667	Inside	4185.00	
Perforations	17.00			4202.00	
Change Over Sub	1.00			4203.00	
Drill Pipe	31.00			4234.00	
Change Over Sub	1.00			4235.00	
Recorder	0.00	11058	Outside	4235.00	
Bullnose	5.00			4240.00	56.00 Bottom Packers & Anchor

Total Tool Length: 82.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc

Burmeister #1

PO Box 47
Great Bend KS 67530

13 17 30 Lane KS

Job Ticket: 26622

DST#: 1

ATTN: Jacob Porter

Test Start: 2006.12.20 @ 02:30:11

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100%M	0.025

Total Length:

5.00 ft

Total Volume:

0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

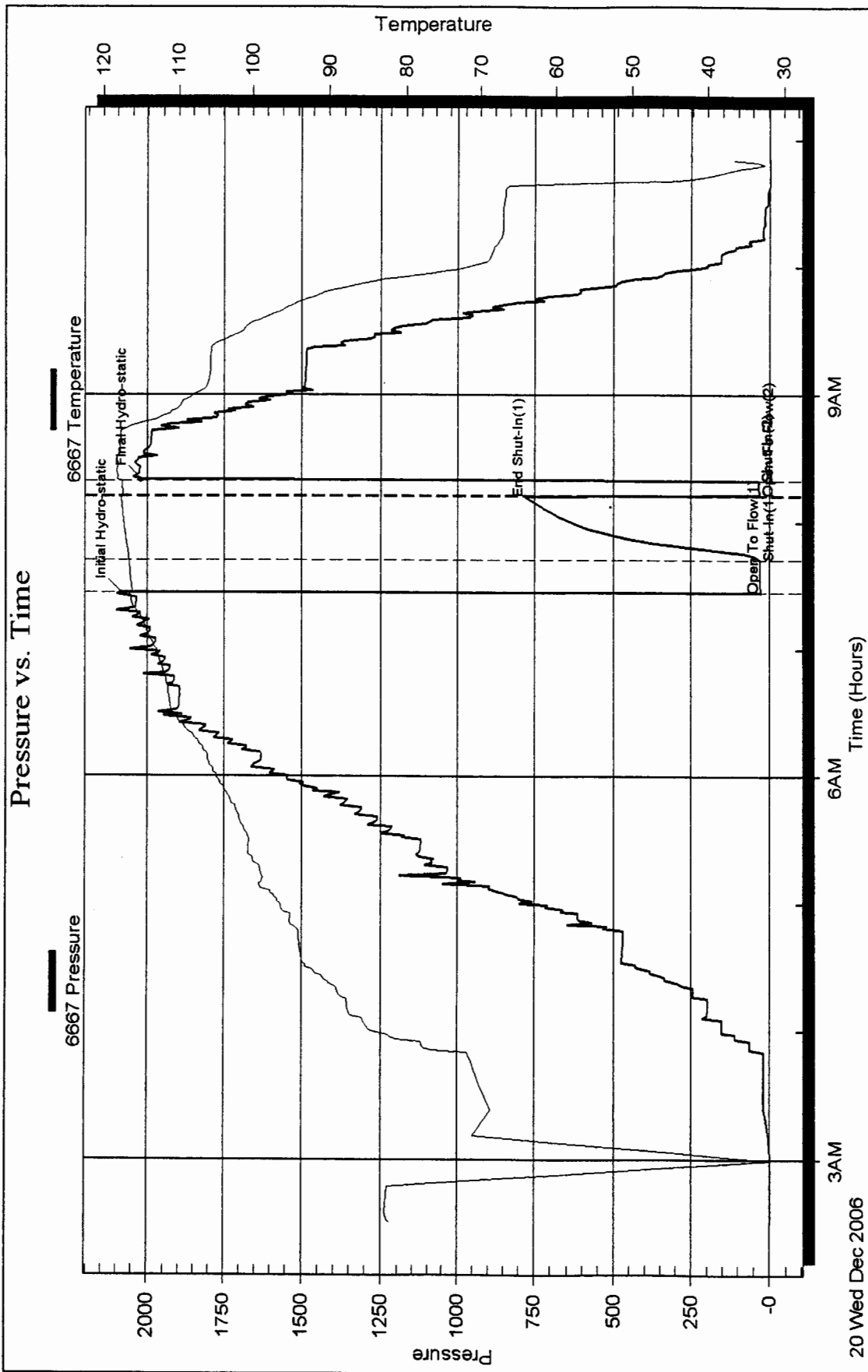
13 17 30 Lane KS

Carmen Schmitt Inc

Inside

Serial #: 6667

Pressure vs. Time



Ref. No: 26622

Trilobite Testing, Inc

Printed: 2007.01.04 @ 10:06:32 Page 5



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

13 17 30 Lane KS

Burmeister #1

Start Date: 2006.12.28 @ 07:47:04

End Date: 2006.12.28 @ 15:25:28

Job Ticket #: 26623 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

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Burmeister #1

13 17 30 Lane KS

Job Ticket: 26623

DST#: 2

Test Start: 2006.12.28 @ 07:47:04

GENERAL INFORMATION:

Formation: **marm**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 10:34:44

Time Test Ended: 15:25:28

Test Type: **Conventional Bottom Hole**

Tester: **Shane McBride**

Unit No: **40**

Interval: **4311.00 ft (KB) To 4400.00 ft (KB) (TVD)**

Total Depth: **4400.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2848.00 ft (KB)**

2838.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 6667 **Inside**

Press@RunDepth: **79.33 psig @ 4312.00 ft (KB)**

Start Date: **2006.12.28**

End Date:

2006.12.28

Start Time: **07:47:04**

End Time:

15:09:28

Capacity: **7000.00 psig**

Last Calib.: **2006.12.28**

Time On Btm: **2006.12.28 @ 10:34:29**

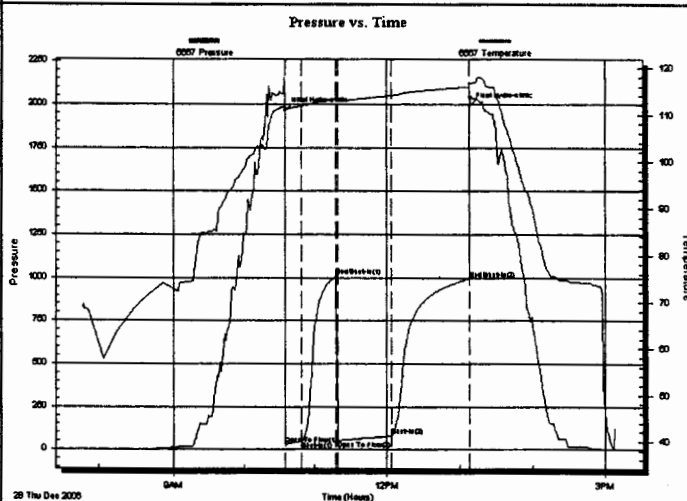
Time Off Btm: **2006.12.28 @ 13:07:58**

TEST COMMENT: **1/4 " @ open built to 3 "**

No return

1/4 " @ open built to 4 1/2 "

No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1962.17	111.85	Initial Hydro-static
1	27.61	111.36	Open To Flow (1)
15	45.33	111.80	Shut-In(1)
44	1010.66	113.26	End Shut-In(1)
45	49.80	112.90	Open To Flow (2)
90	79.33	114.10	Shut-In(2)
154	994.66	116.04	End Shut-In(2)
154	1987.20	116.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Free Oil 100%O trace of Gas	0.10
90.00	OCM 30%O 70%M tr of Gas	0.44

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt Inc

Burmeister #1

PO Box 47
Great Bend KS 67530

13 17 30 Lane KS

Job Ticket: 26623

DST#: 2

ATTN: Jacob Porter

Test Start: 2006.12.28 @ 07:47:04

Tool Information

Drill Pipe:	Length: 4027.00 ft	Diameter: 3.80 inches	Volume: 56.49 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: 25000.00 lb
Drill Collar:	Length: 283.00 ft	Diameter: 2.25 inches	Volume: 1.39 bbl	Weight to Pull Loose: 110000.0 lb
		Total Volume: 57.88 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 85000.00 lb
Depth to Top Packer:	4311.00 ft			Final 86000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	89.00 ft			
Tool Length:	115.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4290.00	
Hydraulic tool	5.00			4295.00	
Jars	5.00			4300.00	
Safety Joint	2.00			4302.00	
Packer	5.00			4307.00	26.00 Bottom Of Top Packer
Packer	4.00		Inside	4311.00	
Stubb	1.00			4312.00	
Recorder	0.00	6667	Inside	4312.00	
Perforations	18.00			4330.00	
Change Over Sub	1.00			4331.00	
Drill Pipe	63.00			4394.00	
Change Over Sub	1.00			4395.00	
Recorder	0.00	11058	Outside	4395.00	
Bullnose	5.00			4400.00	89.00 Bottom Packers & Anchor

Total Tool Length: 115.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc

Burmeister #1

PO Box 47
Great Bend KS 67530

13 17 30 Lane KS

Job Ticket: 26623

DST#: 2

ATTN: Jacob Porter

Test Start: 2006.12.28 @ 07:47:04

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Free Oil 100%O trace of Gas	0.098
90.00	OCM 30%O 70%M tr of Gas	0.443

Total Length: 110.00 ft

Total Volume: 0.541 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

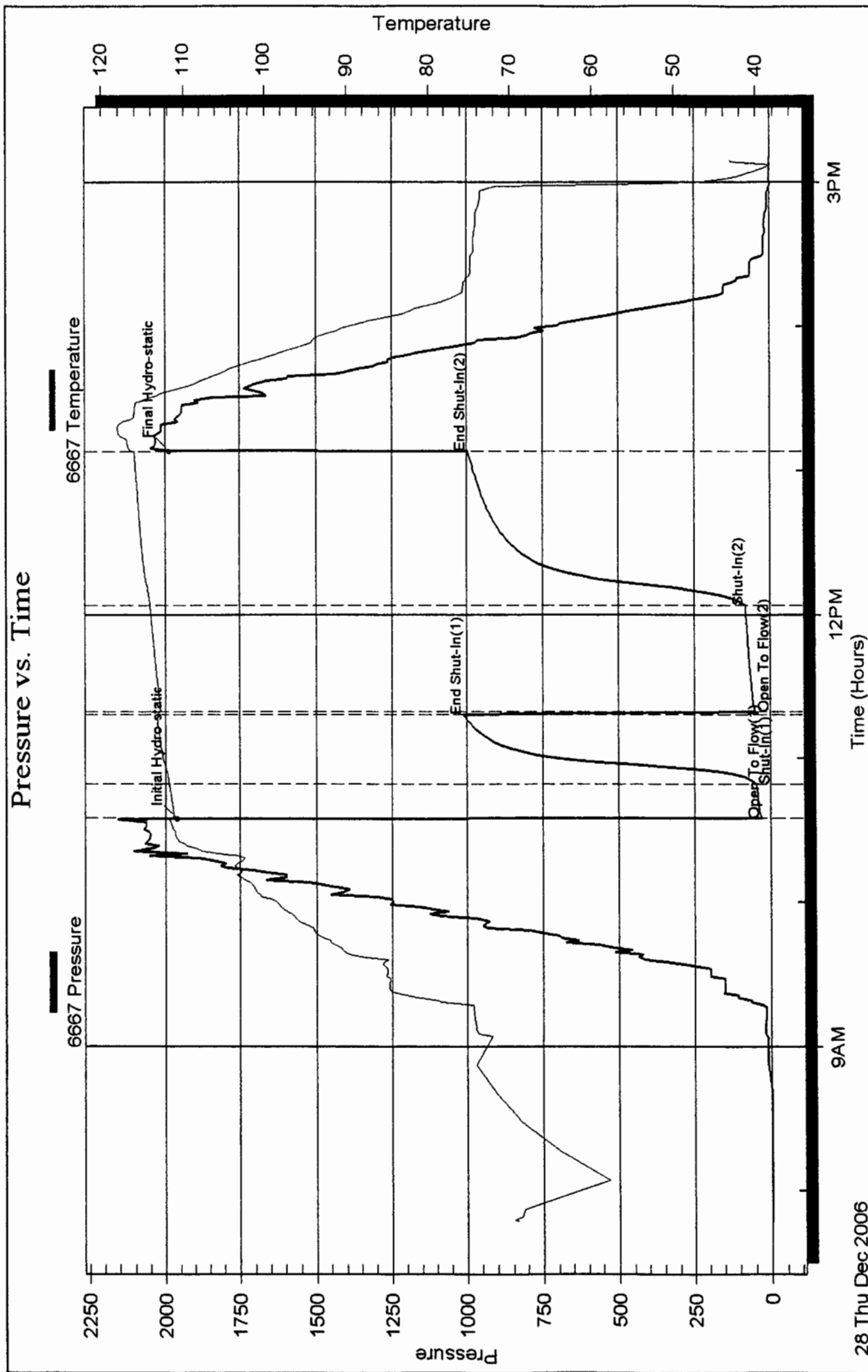
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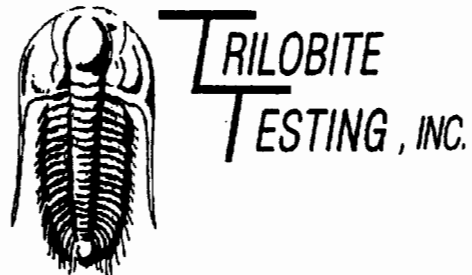
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

13 17 30 Lane KS

Burmeister #1

Start Date: 2006.12.29 @ 08:43:33

End Date: 2006.12.29 @ 19:45:13

Job Ticket #: 26624 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

Carmen Schmitt Inc
PO Box 47
Great Bend KS 67530
ATTN: Jacob Porter

Burmeister #1
13 17 30 Lane KS
Job Ticket: 26624 DST#: 3
Test Start: 2006.12.29 @ 08:43:33

GENERAL INFORMATION:

Formation: **Ft Scott - Cherokee**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 11:34:58
Time Test Ended: 19:45:13

Test Type: **Conventional Bottom Hole**
Tester: **Shane McBride**
Unit No: **40**

Interval: **4445.00 ft (KB) To 4540.00 ft (KB) (TVD)**
Total Depth: **4540.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2848.00 ft (KB)**
2838.00 ft (CF)
KB to GR/CF: **10.00 ft**

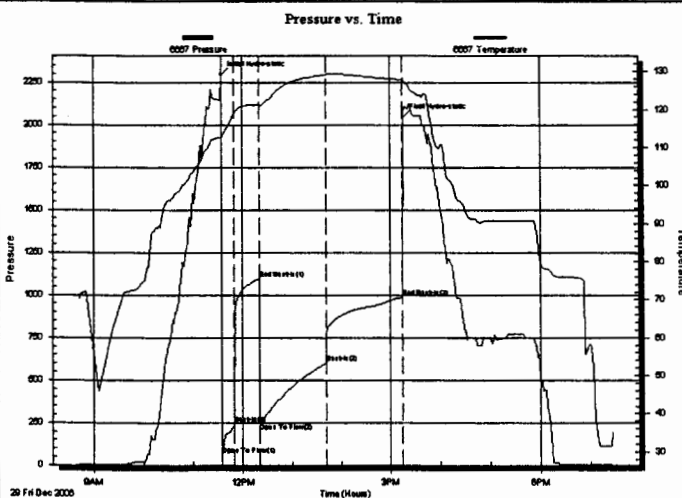
Serial #: 6667

Inside

Press@RunDepth: **599.56 psig @ 4446.00 ft (KB)**
Start Date: **2006.12.29** End Date: **2006.12.29**
Start Time: **08:43:33** End Time: **19:26:13**

Capacity: **7000.00 psig**
Last Calib.: **2006.12.29**
Time On Btm: **2006.12.29 @ 11:34:43**
Time Off Btm: **2006.12.29 @ 15:15:42**

TEST COMMENT: **BOB in 4 min.**
Return to BOB in 18 min
BOB @ open
Return to BOB in 40 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2294.42	112.83	Initial Hydro-static
1	63.20	111.97	Open To Flow (1)
16	240.88	119.06	Shut-In (1)
46	1094.13	121.32	End Shut-In (1)
46	246.89	121.11	Open To Flow (2)
127	599.56	129.14	Shut-In (2)
221	987.08	127.83	End Shut-In (2)
221	2041.72	128.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
93.00	MCGO 40%M 40%O 20%G under circ.	sl0.46
1306.00	CGO reversed out	16.59
155.00	CGO 20%G 80%O	2.17

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt Inc
PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Burmeister #1
13 17 30 Lane KS
Job Ticket: 26624 **DST#: 3**
Test Start: 2006.12.29 @ 08:43:33

Tool Information

Drill Pipe:	Length: 4156.00 ft	Diameter: 3.80 inches	Volume: 58.30 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:	25000.00 lb
Drill Collar:	Length: 283.00 ft	Diameter: 2.25 inches	Volume: 1.39 bbl	Weight to Pull Loose:	130000.0 lb
		Total Volume:	59.69 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	88000.00 lb
Depth to Top Packer:	4445.00 ft			Final	92000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	95.00 ft				
Tool Length:	121.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4424.00	
Hydraulic tool	5.00			4429.00	
Jars	5.00			4434.00	
Safety Joint	2.00			4436.00	
Packer	5.00			4441.00	26.00 Bottom Of Top Packer
Packer	4.00		Inside	4445.00	
Stubb	1.00			4446.00	
Recorder	0.00	6667	Inside	4446.00	
Perforations	24.00			4470.00	
Change Over Sub	1.00			4471.00	
Drill Pipe	63.00			4534.00	
Change Over Sub	1.00			4535.00	
Recorder	0.00	11058	Outside	4535.00	
Bullnose	5.00			4540.00	95.00 Bottom Packers & Anchor

Total Tool Length: 121.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc

Burmeister #1

PO Box 47
Great Bend KS 67530

13 17 30 Lane KS

Job Ticket: 26624

DST#: 3

ATTN: Jacob Porter

Test Start: 2006.12.29 @ 08:43:33

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
93.00	MCOG 40%M 40%O 20%G under circ. sub	0.457
1306.00	CGO reversed out	16.589
155.00	CGO 20%G 80%O	2.174

Total Length: 1554.00 ft Total Volume: 19.220 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 496' gas in pipe

Serial #: 6667

Inside

Carmen Schmitt Inc

13 17 30 Lane KS

DST Test Number: 3

