

DRILL STEM TEST REPORT

Prepared For: **Attica Gas Ventures Corporation**

123 N Main
Attica KS 67009

ATTN: Kent Roberts

21 30S 2W Sumner KS

Hirth #7

Start Date: 2007.04.25 @ 18:55:05

End Date: 2007.04.26 @ 05:00:05

Job Ticket #: 27930 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Attica Gas Ventures Corporation

Hirth #7

21 30S 2W Sumner KS

DST # 1

Stalnaker Sand

2007.04.25



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Attica Gas Ventures Corporation

Hirth #7

123 N Main
Attica KS 67009

21 30S 2W Sumner KS

Job Ticket: 27930

DST#: 1

ATTN: Kent Roberts

Test Start: 2007.04.25 @ 18:55:05

GENERAL INFORMATION:

Formation: **Stalnaker Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:37:50

Time Test Ended: 05:00:05

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Interval: **2820.00 ft (KB) To 2836.00 ft (KB) (TVD)**

Reference Elevations: 1379.00 ft (KB)

Total Depth: 2836.00 ft (KB) (TVD)

1376.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 3.00 ft

Serial #: 6668

Inside

Press@RunDepth: 97.71 psig @ 2820.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.04.25

End Date: 2007.04.26

Last Calib.: 2007.04.26

Start Time: 18:55:10

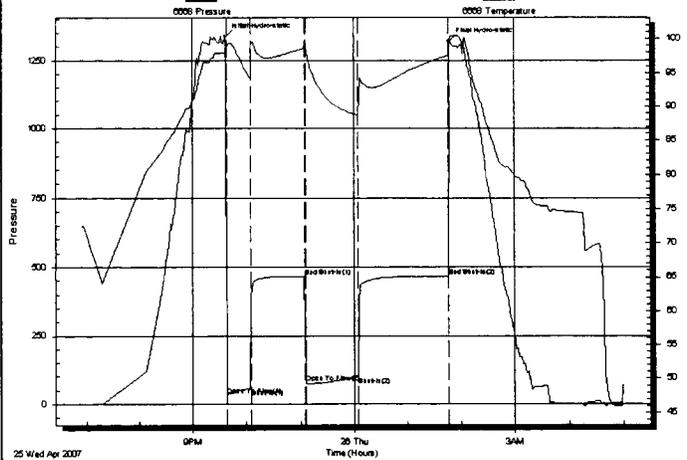
End Time: 05:00:05

Time On Btm: 2007.04.25 @ 21:37:05

Time Off Btm: 2007.04.26 @ 01:46:49

TEST COMMENT: IF Strong blow BOB in 30 secs. GTS in 11 mins. See gas report
ISI Bled off No blow back
FF Strong blow See gas report.
FSI Bled off No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1337.36	97.77	Initial Hydro-static
1	32.72	98.69	Open To Flow (1)
28	57.39	94.14	Shut-In (1)
88	466.16	98.60	End Shut-In (1)
89	77.26	98.58	Open To Flow (2)
148	97.71	88.75	Shut-In (2)
250	465.74	97.57	End Shut-In (2)
250	1318.54	100.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
119.00	Total Recovery	0.59
60.00	Gasy Mud 2%G 98%M	0.30
59.00	Gasy Watery Mud 4%G 46%W 50%M	0.29

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	5.00	30.78
Last Gas Rate	0.50	22.00	245.54
Max. Gas Rate	0.50	22.00	245.54



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Attica Gas Ventures Corporation

Hirth #7

123 N Main
Attica KS 67009

21 30S 2W Sumner KS

Job Ticket: 27930

DST#: 1

ATTN: Kent Roberts

Test Start: 2007.04.25 @ 18:55:05

Tool Information

Drill Pipe:	Length: 2387.00 ft	Diameter: 3.80 inches	Volume: 33.48 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: 432.00 ft	Diameter: 2.25 inches	Volume: 2.12 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 35.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	2820.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	44.00 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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Shut In Tool	5.00			2797.00	
Hydraulic tool	5.00			2802.00	
Jars	5.00			2807.00	
Safety Joint	3.00			2810.00	
Packer	5.00			2815.00	28.00 Bottom Of Top Packer
Packer	5.00			2820.00	
Recorder	0.00	6668	Inside	2820.00	
Perforations	13.00			2833.00	
Recorder	0.00	13266	Outside	2833.00	
Bullnose	3.00			2836.00	16.00 Bottom Packers & Anchor
Total Tool Length:	44.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Attica Gas Ventures Corporation

Hirth #7

123 N Main
Attica KS 67009

21 30S 2W Sumner KS

Job Ticket: 27930

DST#: 1

ATTN: Kent Roberts

Test Start: 2007.04.25 @ 18:55:05

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:

13000 ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.99 in³

Gas Cushion Type:

Resistivity: 0.65 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
119.00	Total Recovery	0.585
60.00	Gasy Mud 2%G 98%M	0.295
59.00	Gasy Watery Mud 4%G 46%W 50%M	0.290

Total Length: 238.00 ft

Total Volume: 1.170 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Attica Gas Ventures Corporation

Hirth #7

123 N Main
Attica KS 67009

21 30S 2W Sumner KS

Job Ticket: 27930

DST#: 1

ATTN: Kent Roberts

Test Start: 2007.04.25 @ 18:55:05

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)
1	11	0.25	5.00	30.78
1	11	0.25	5.00	30.78
1	15	0.50	5.00	130.87
1	30	0.50	8.00	151.10
2	10	0.50	16.00	205.07
2	20	0.75	5.00	303.03
2	30	0.50	18.00	218.56
2	40	0.50	20.00	232.05
2	50	0.50	22.00	245.54

Serial #: 6668

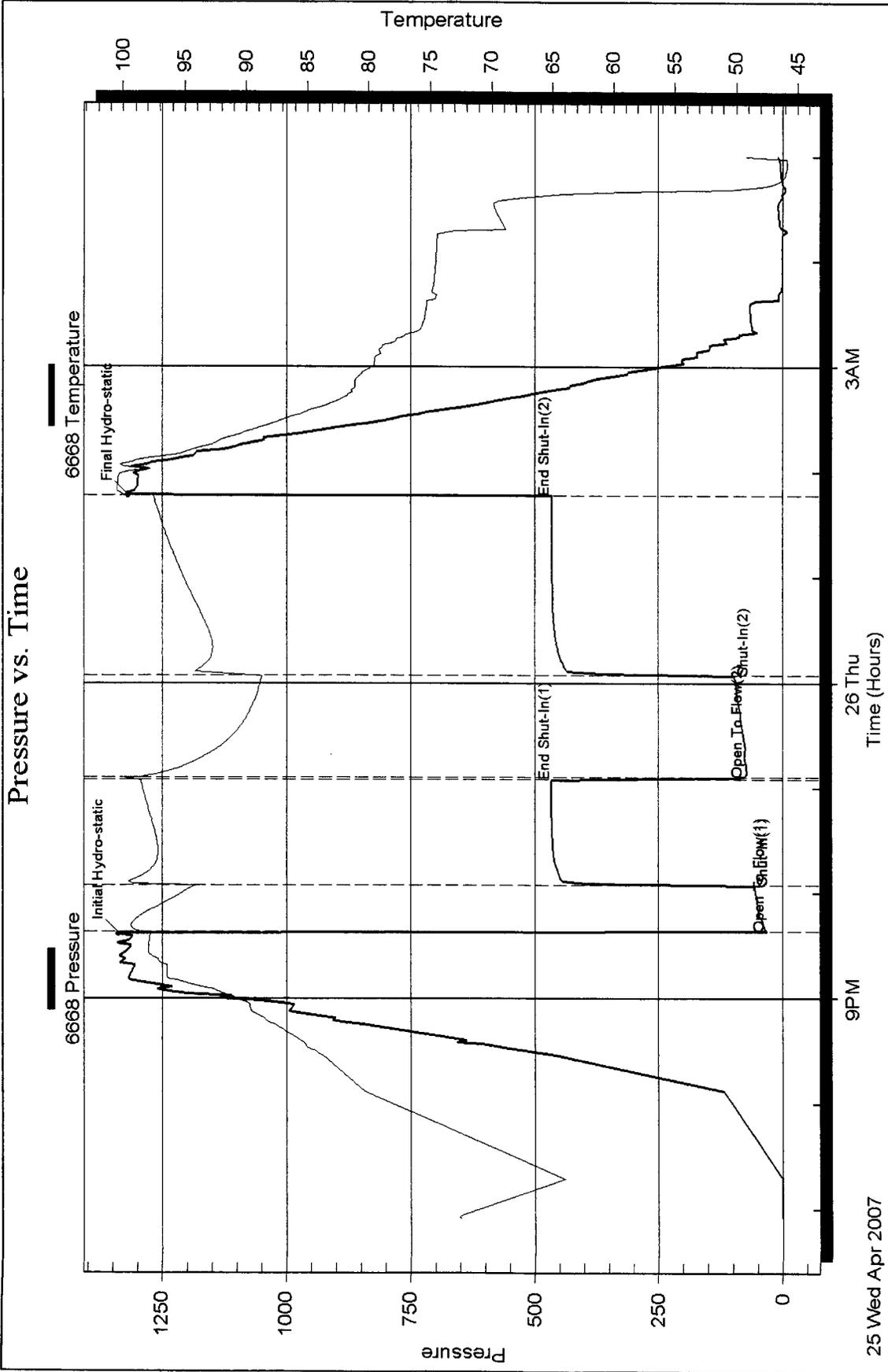
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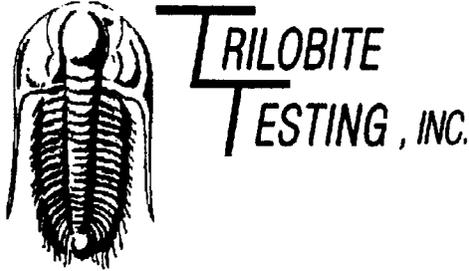
Attica Gas Ventures Corporation

21 30S 2W Summer KS

DST Test Number: 1

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Attica Gas Ventures Corporation**

123 N Main
Attica KS 67009

ATTN: Kent Roberts

21 30S 2W Sumner KS

Hirth #7

Start Date: 2007.04.26 @ 01:00:15

End Date: 2007.04.26 @ 07:22:00

Job Ticket #: 27931 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Attica Gas Ventures Corporation

Hirth #7

21 30S 2W Sumner KS

DST # 2

Middle Stalnaker San

2007.04.26



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Attica Gas Ventures Corporation

Hirth #7

123 N Main
Attica KS 67009

21 30S 2W Sumner KS

Job Ticket: 27931

DST#: 2

ATTN: Kent Roberts

Test Start: 2007.04.26 @ 01:00:15

GENERAL INFORMATION:

Formation: **Middle Stalnaker San**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:27:00

Time Test Ended: 07:22:00

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Interval: **2840.00 ft (KB) To 2860.00 ft (KB) (TVD)**

Reference Elevations: 1379.00 ft (KB)

Total Depth: 2860.00 ft (KB) (TVD)

1376.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 3.00 ft

Serial #: **6668**

Inside

Press@RunDepth: 30.44 psig @ 2840.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.04.26

End Date:

2007.04.26

Last Calib.: 2007.04.26

Start Time: 01:00:20

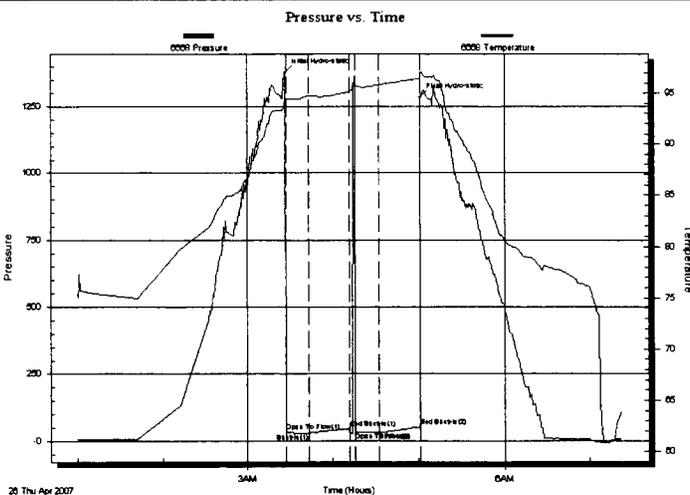
End Time:

07:21:59

Time On Btrm: 2007.04.26 @ 03:26:45

Time Off Btrm: 2007.04.26 @ 05:01:45

TEST COMMENT: IF Weak blow Building to 1/8 " in 15 mins.
ISI Bled off No blow back
FF Weak blow Building to 1/8 " in 15 mins.
FSI Bled off No blow back



PRESSURE SUMMARY

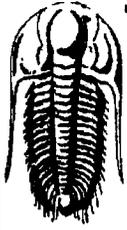
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1378.77	94.61	Initial Hydro-static
1	33.52	94.43	Open To Flow (1)
17	28.64	94.73	Shut-In(1)
45	44.82	95.13	End Shut-In(1)
50	32.50	95.81	Open To Flow (2)
67	30.44	95.82	Shut-In(2)
95	52.59	96.46	End Shut-In(2)
95	1286.05	97.09	Final Hydro-static

Recovery

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

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Attica Gas Ventures Corporation

Hirth #7

123 N Main
Attica KS 67009

21 30S 2W Sumner KS

Job Ticket: 27931

DST#: 2

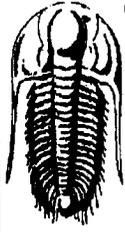
ATTN: Kent Roberts

Test Start: 2007.04.26 @ 01:00:15

Tool Information

Drill Pipe:	Length: 2387.00 ft	Diameter: 3.80 inches	Volume: 33.48 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: 432.00 ft	Diameter: 2.25 inches	Volume: 2.12 bbl	Weight to Pull Loose: 64000.00 lb
			<u>Total Volume: 35.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	2840.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	48.00 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			2817.00	
Hydraulic tool	5.00			2822.00	
Jars	5.00			2827.00	
Safety Joint	3.00			2830.00	
Packer	5.00			2835.00	28.00 Bottom Of Top Packer
Packer	5.00			2840.00	
Recorder	0.00	6668	Inside	2840.00	
Perforations	17.00			2857.00	
Recorder	0.00	13266	Outside	2857.00	
Bullnose	3.00			2860.00	20.00 Bottom Packers & Anchor
Total Tool Length:	48.00				



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FLUID SUMMARY

Attica Gas Ventures Corporation

Hirth #7

123 N Main
Attica KS 67009

21 30S 2W Sumner KS

Job Ticket: 27931

DST#: 2

ATTN: Kent Roberts

Test Start: 2007.04.26 @ 01:00:15

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: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100%M	0.025

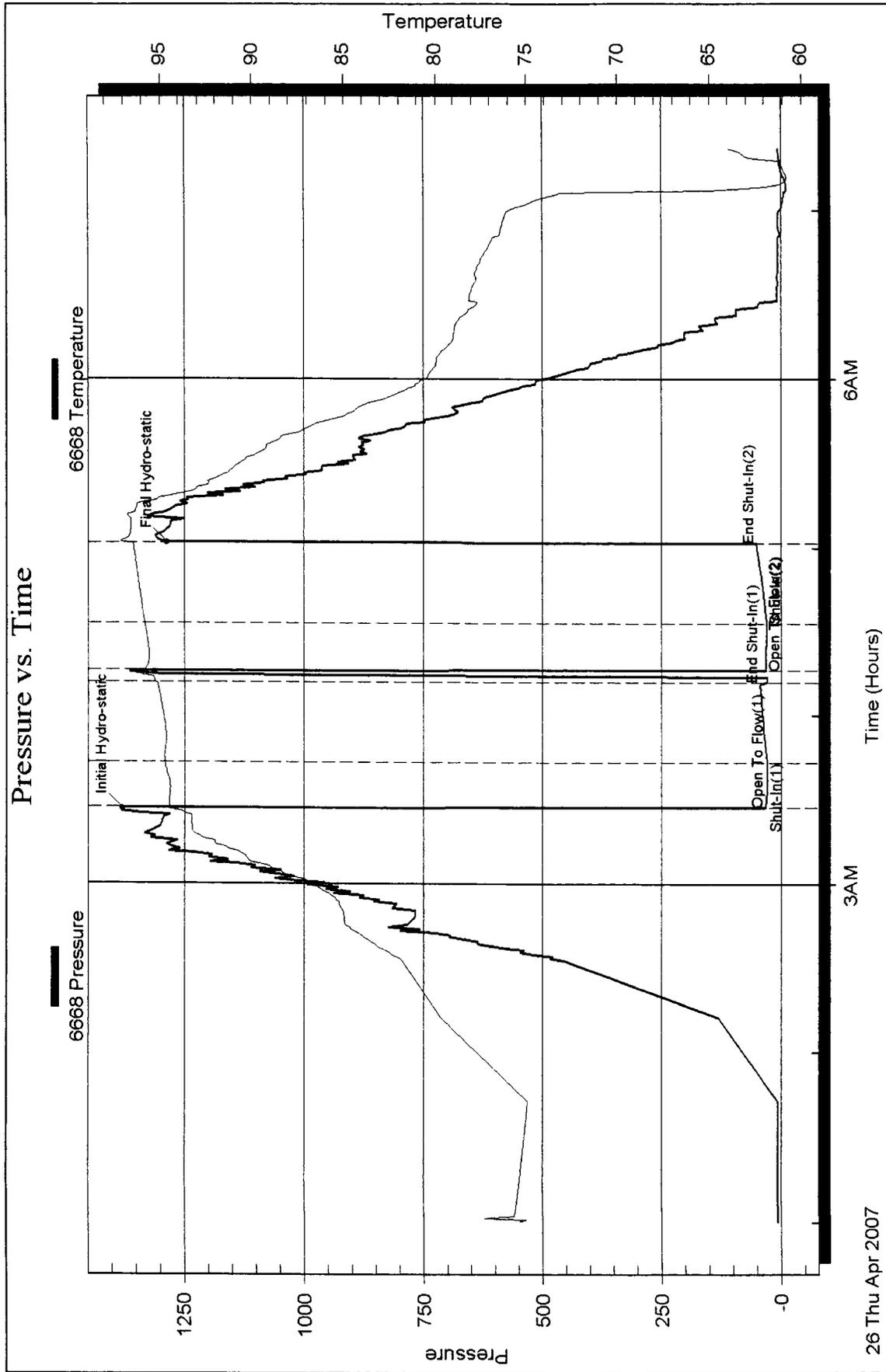
Total Length: 5.00 ft Total Volume: 0.025 bbl

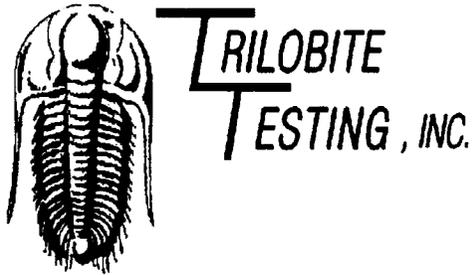
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Attica Gas Ventures Corporation**

123 N Main
Attica KS 67009

ATTN: Kent Roberts

21 30S 2W Sumner KS

Hirth #7

Start Date: 2007.04.27 @ 03:49:05

End Date: 2007.04.27 @ 11:45:50

Job Ticket #: 27932 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

Attica Gas Ventures Corporation

Hirth #7

123 N Main
Attica KS 67009

21 30S 2W Sumner KS

Job Ticket: 27932

DST#: 3

ATTN: Kent Roberts

Test Start: 2007.04.27 @ 03:49:05

GENERAL INFORMATION:

Formation: **Lower Stalnaker Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:07:50

Time Test Ended: 11:45:50

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Interval: **2839.00 ft (KB) To 2878.00 ft (KB) (TVD)**

Reference Elevations: 1379.00 ft (KB)

Total Depth: 2878.00 ft (KB) (TVD)

1376.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 3.00 ft

Serial #: 6668

Inside

Press@RunDepth: 197.62 psig @ 2839.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.04.27

End Date:

2007.04.27

Last Calib.: 2007.04.27

Start Time: 03:49:10

End Time:

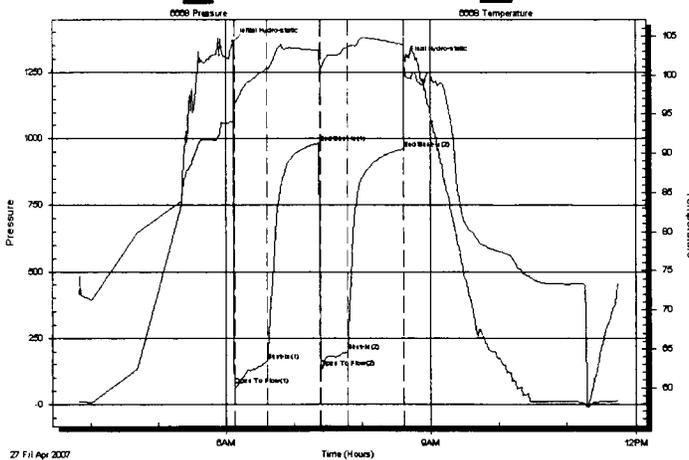
11:45:49

Time On Btm: 2007.04.27 @ 06:06:35

Time Off Btm: 2007.04.27 @ 08:36:49

TEST COMMENT: IF Strong blow BOB in 15 secs. GTS in 10 mins. TSTM
ISI Bled off Weak blow back Building to 1/8 " in 45 mins.
FF: Strong blow See gas report
FSI: Bled off Weak blow back Building to 1/8 " in 45 min

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1366.90	94.14	Initial Hydro-static
2	72.00	96.07	Open To Flow (1)
30	163.42	100.85	Shut-In(1)
76	981.77	103.10	End Shut-In(1)
78	135.80	100.85	Open To Flow (2)
101	197.62	103.53	Shut-In(2)
150	961.30	103.84	End Shut-In(2)
151	1295.15	104.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	Gasy Mud 2%G 98%M	0.89
291.00	Gasy Mud 20%G 80%M	1.79
141.00	Gasy Muddy Water 2%G 88%W 10%M	1.98

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	19.00	12.50
Last Gas Rate	0.13	0.00	5.39
Max. Gas Rate	0.13	19.00	12.50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Attica Gas Ventures Corporation

Hirth #7

123 N Main
Attica KS 67009

21 30S 2W Sumner KS

Job Ticket: 27932

DST#: 3

ATTN: Kent Roberts

Test Start: 2007.04.27 @ 03:49:05

Tool Information

Drill Pipe:	Length: 2387.00 ft	Diameter: 3.80 inches	Volume: 33.48 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: 432.00 ft	Diameter: 2.25 inches	Volume: 2.12 bbl	Weight to Pull Loose: 74000.00 lb
			<u>Total Volume: 35.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	2839.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	39.00 ft			
Tool Length:	67.00 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			2816.00	
Hydraulic tool	5.00			2821.00	
Jars	5.00			2826.00	
Safety Joint	3.00			2829.00	
Packer	5.00			2834.00	28.00 Bottom Of Top Packer
Packer	5.00			2839.00	
Recorder	0.00	6668	Inside	2839.00	
Perforations	36.00			2875.00	
Recorder	0.00	13266	Outside	2875.00	
Bullnose	3.00			2878.00	39.00 Bottom Packers & Anchor
Total Tool Length:	67.00				



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Attica Gas Ventures Corporation

Hirth #7

123 N Main
Attica KS 67009

21 30S 2W Sumner KS

Job Ticket: 27932

DST#: 3

ATTN: Kent Roberts

Test Start: 2007.04.27 @ 03:49:05

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:	125000 ppm
Viscosity: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.99 in ³	Gas Cushion Type:		
Resistivity: 0.07 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	Gasy Mud 2%G 98%M	0.885
291.00	Gasy Mud 20%G 80%M	1.786
141.00	Gasy Muddy Water 2%G 88%W 10%M	1.978

Total Length: 612.00 ft Total Volume: 4.649 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Attica Gas Ventures Corporation

Hirth #7

123 N Main
Attica KS 67009

21 30S 2W Sumner KS

Job Ticket: 27932

DST#: 3

ATTN: Kent Roberts

Test Start: 2007.04.27 @ 03:49:05

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	1	0.13	19.00	12.50
2	1	0.13	19.00	12.50
2	10	0.13	8.00	8.38
2	17	0.13	0.00	5.39

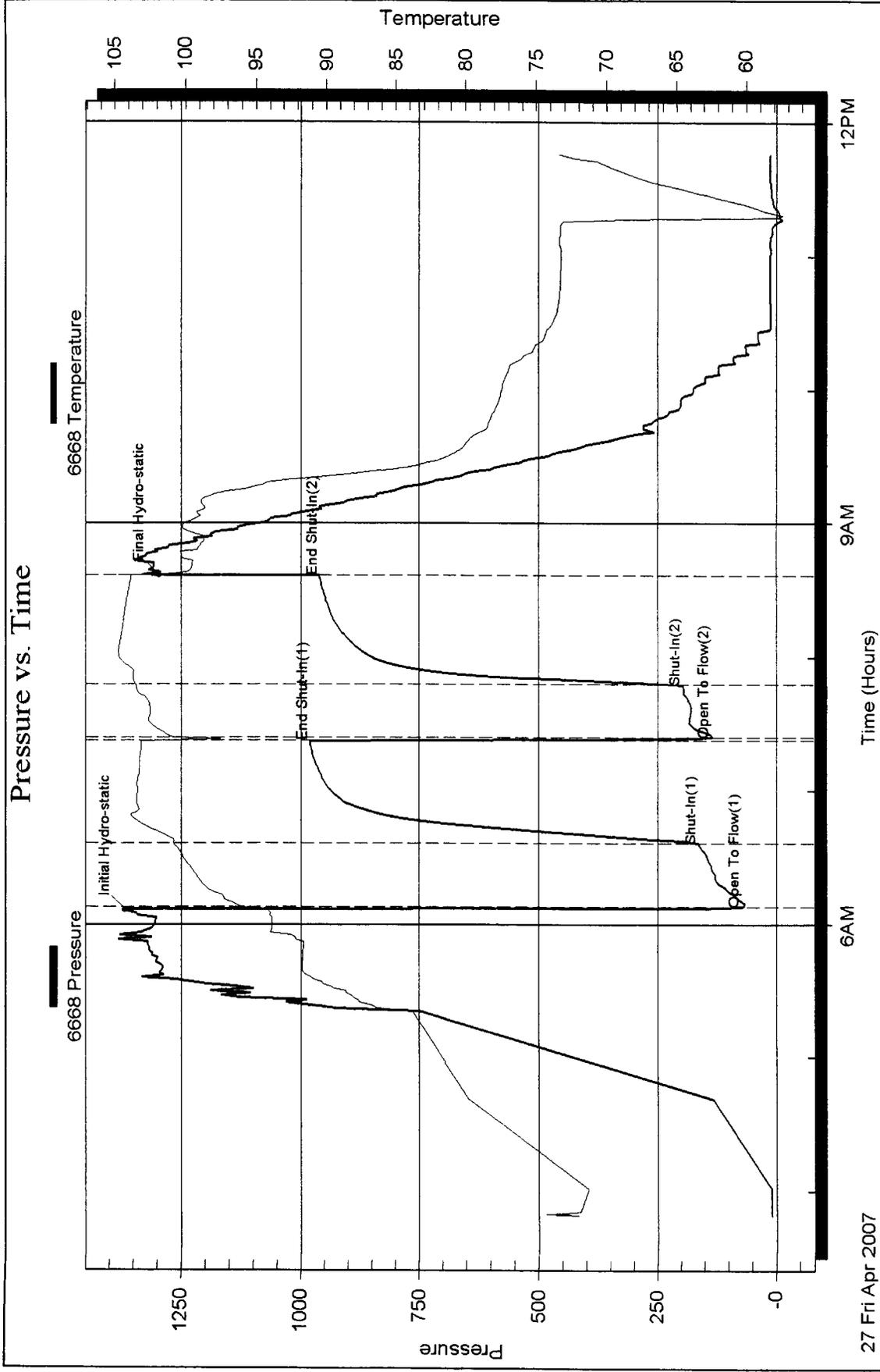
Serial #: 6668

Inside

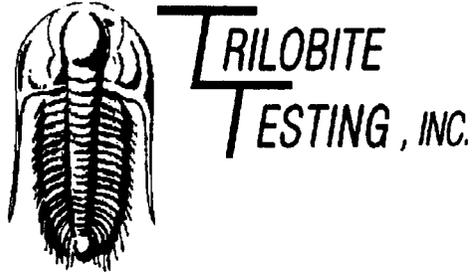
Attica Gas Ventures Corporation

21 30S.2W Sumner KS

DST Test Number: 3



27 Fri Apr 2007



DRILL STEM TEST REPORT

Prepared For: **Attica Gas Ventures Corporation**

123 N Main
Attica KS 67009

ATTN: Kent Roberts

21 30S 2W Sumner KS

Hirth #7

Start Date: 2007.04.28 @ 15:11:25

End Date: 2007.04.28 @ 23:00:55

Job Ticket #: 27933 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Attica Gas Ventures Corporation

Hirth #7

123 N Main
Attica KS 67009

21 30S 2W Sumner KS

Job Ticket: 27933

DST#: 4

ATTN: Kent Roberts

Test Start: 2007.04.28 @ 15:11:25

GENERAL INFORMATION:

Formation: **Kansas City A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:04:55

Time Test Ended: 23:00:55

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Interval: **3153.00 ft (KB) To 3163.00 ft (KB) (TVD)**

Total Depth: 3163.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1379.00 ft (KB)

1376.00 ft (CF)

KB to GR/CF: 3.00 ft

Serial #: 6668

Inside

Press@RunDepth: 84.09 psig @ 3153.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.04.28

End Date:

2007.04.28

Last Calib.: 2007.04.28

Start Time: 15:11:30

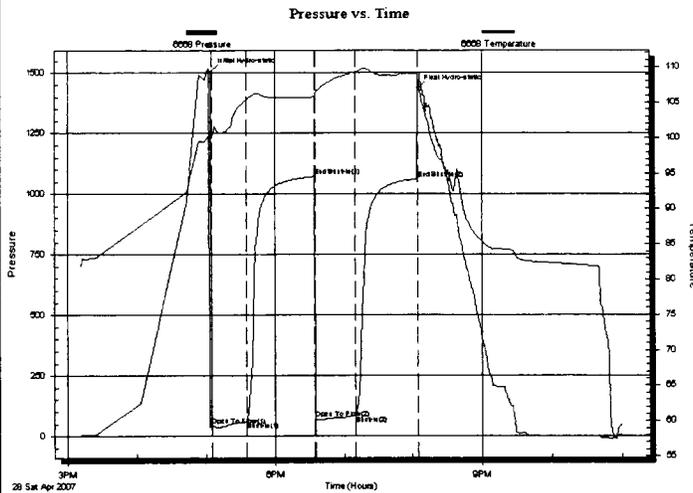
End Time:

23:00:54

Time On Btm: 2007.04.28 @ 17:04:25

Time Off Btm: 2007.04.28 @ 20:04:39

TEST COMMENT: IF Weak blow Building BOB in 22 mins.
ISI Bled off No blow back
FF Weak blow n Building to 6" in 30 mins.
FSI Bled off No blow back



PRESSURE SUMMARY

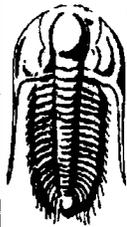
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1504.94	100.31	Initial Hydro-static
1	43.04	100.04	Open To Flow (1)
31	58.48	105.32	Shut-In(1)
90	1071.50	105.76	End Shut-In(1)
91	70.30	105.99	Open To Flow (2)
126	84.09	109.30	Shut-In(2)
180	1060.92	109.02	End Shut-In(2)
181	1435.52	109.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	GWOcM 2%G 48%O 4%W 46%M	0.05
60.00	GOCVM 2%G 8%O 24%W 66%M	0.30
59.00	OcGMW 6%G 4%O 64%W 26%M	0.29

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Attica Gas Ventures Corporation

Hirth #7

123 N Main
Attica KS 67009

21 30S 2W Sumner KS

Job Ticket: 27933

DST#: 4

ATTN: Kent Roberts

Test Start: 2007.04.28 @ 15:11:25

Tool Information

Drill Pipe:	Length: 2698.00 ft	Diameter: 3.80 inches	Volume: 37.85 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: 432.00 ft	Diameter: 2.25 inches	Volume: 2.12 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 39.97 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	3153.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 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
Shut In Tool	5.00			3130.00	
Hydraulic tool	5.00			3135.00	
Jars	5.00			3140.00	
Safety Joint	3.00			3143.00	
Packer	5.00			3148.00	28.00 Bottom Of Top Packer
Packer	5.00			3153.00	
Recorder	0.00	6668	Inside	3153.00	
Perforations	7.00			3160.00	
Recorder	0.00	13266	Outside	3160.00	
Bullnose	3.00			3163.00	10.00 Bottom Packers & Anchor
Total Tool Length:	38.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Attica Gas Ventures Corporation

Hirth #7

123 N Main
Attica KS 67009

21 30S 2W Sumner KS

Job Ticket: 27933

DST#: 4

ATTN: Kent Roberts

Test Start: 2007.04.28 @ 15:11:25

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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
10.00	GWOCM 2%G 48%O 4%W 46%M	0.049
60.00	GOCWM 2%G 8%O 24%W 66%M	0.295
59.00	OcGMW 6%G 4%O 64%W 26%M	0.290

Total Length: 129.00 ft Total Volume: 0.634 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6668

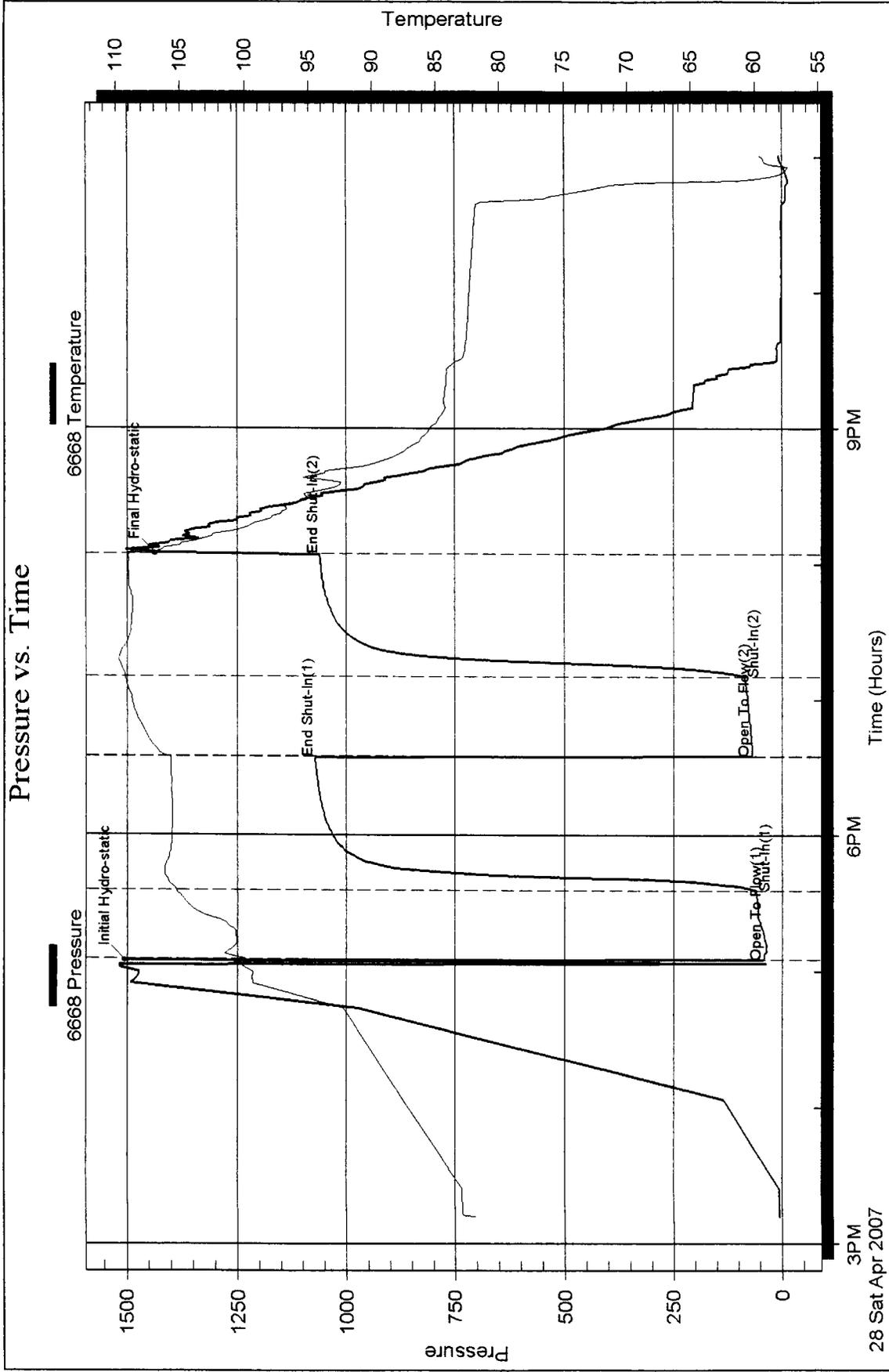
Inside

Attica Gas Ventures Corporation

21 30S 2W Summer KS

DST Test Number: 4

Pressure vs. Time



3PM
28 Sat Apr 2007

6PM

Time (Hours)

9PM

Trilobite Testing, Inc

Ref. No: 27933

Printed: 2007.05.02 @ 12:18:00 Page 5



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Attica Gas Ventures Corporation

Hirth #7

123 N Main
Attica KS 67009

21 30S 2W Sumner KS

ATTN: Kent Roberts

Job Ticket: 27908

DST#: 5

Test Start: 2007.05.02 @ 19:26:23

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:09:38

Time Test Ended: 06:43:23

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 24

Interval: **3791.00 ft (KB) To 3799.00 ft (KB) (TVD)**

Reference Elevations: 1379.00 ft (KB)

Total Depth: 3799.00 ft (KB) (TVD)

1376.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 3.00 ft

Serial #: 6752 Inside

Press@RunDepth: 46.15 psig @ 3792.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.05.02

End Date:

2007.05.03

Last Calib.: 2007.05.03

Start Time: 19:26:28

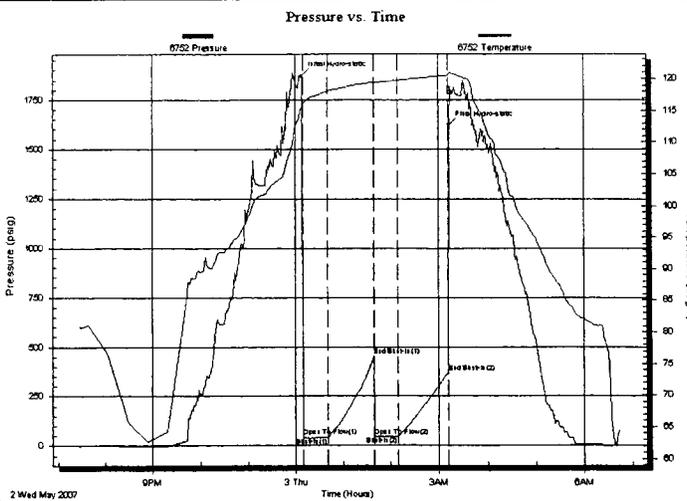
End Time:

06:43:23

Time On Btm: 2007.05.03 @ 00:08:23

Time Off Btm: 2007.05.03 @ 03:12:07

TEST COMMENT: IF Weak Blow 1 inch
ISI No Blow back
FF Fair Blow 3 inches
FSI No Blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1870.52	115.42	Initial Hydro-static
2	44.40	116.03	Open To Flow (1)
33	42.85	118.00	Shut-In(1)
90	452.15	119.46	End Shut-In(1)
92	46.59	119.40	Open To Flow (2)
122	46.15	119.72	Shut-In(2)
183	370.07	120.53	End Shut-In(2)
184	1622.52	120.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	VSO WCM -1%O +8%W 91%M	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Attica Gas Ventures Corporation

Hirth #7

123 N Main
Attica KS 67009

21 30S 2W Sumner KS

Job Ticket: 27908

DST#: 5

ATTN: Kent Roberts

Test Start: 2007.05.02 @ 19:26:23

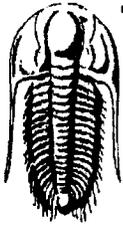
Tool Information

Drill Pipe:	Length: 3345.00 ft	Diameter: 3.80 inches	Volume: 46.92 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: 433.00 ft	Diameter: 2.25 inches	Volume: 2.13 bbl	Weight to Pull Loose: 10000.00 lb
			<u>Total Volume: 49.05 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 79000.00 lb
Depth to Top Packer:	3791.00 ft			Final 79000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	8.00 ft			
Tool Length:	37.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Circulating sub	1.00			3763.00	
Change Over Sub	1.00			3764.00	
Shut In Tool	5.00			3769.00	
Hydraulic tool	5.00			3774.00	
Jars	5.00			3779.00	
Safety Joint	3.00			3782.00	
Packer	5.00			3787.00	29.00 Bottom Of Top Packer
Packer	4.00			3791.00	
Stubb	1.00			3792.00	
Recorder	0.00	6752	Inside	3792.00	
Perforations	4.00			3796.00	
Recorder	0.00	6704	Outside	3796.00	
Bullnose	3.00			3799.00	8.00 Bottom Packers & Anchor

Total Tool Length: 37.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Attica Gas Ventures Corporation

Hirth #7

123 N Main
Attica KS 67009

21 30S 2W Sumner KS

Job Ticket: 27908

DST#: 5

ATTN: Kent Roberts

Test Start: 2007.05.02 @ 19:26:23

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: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 13.97 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

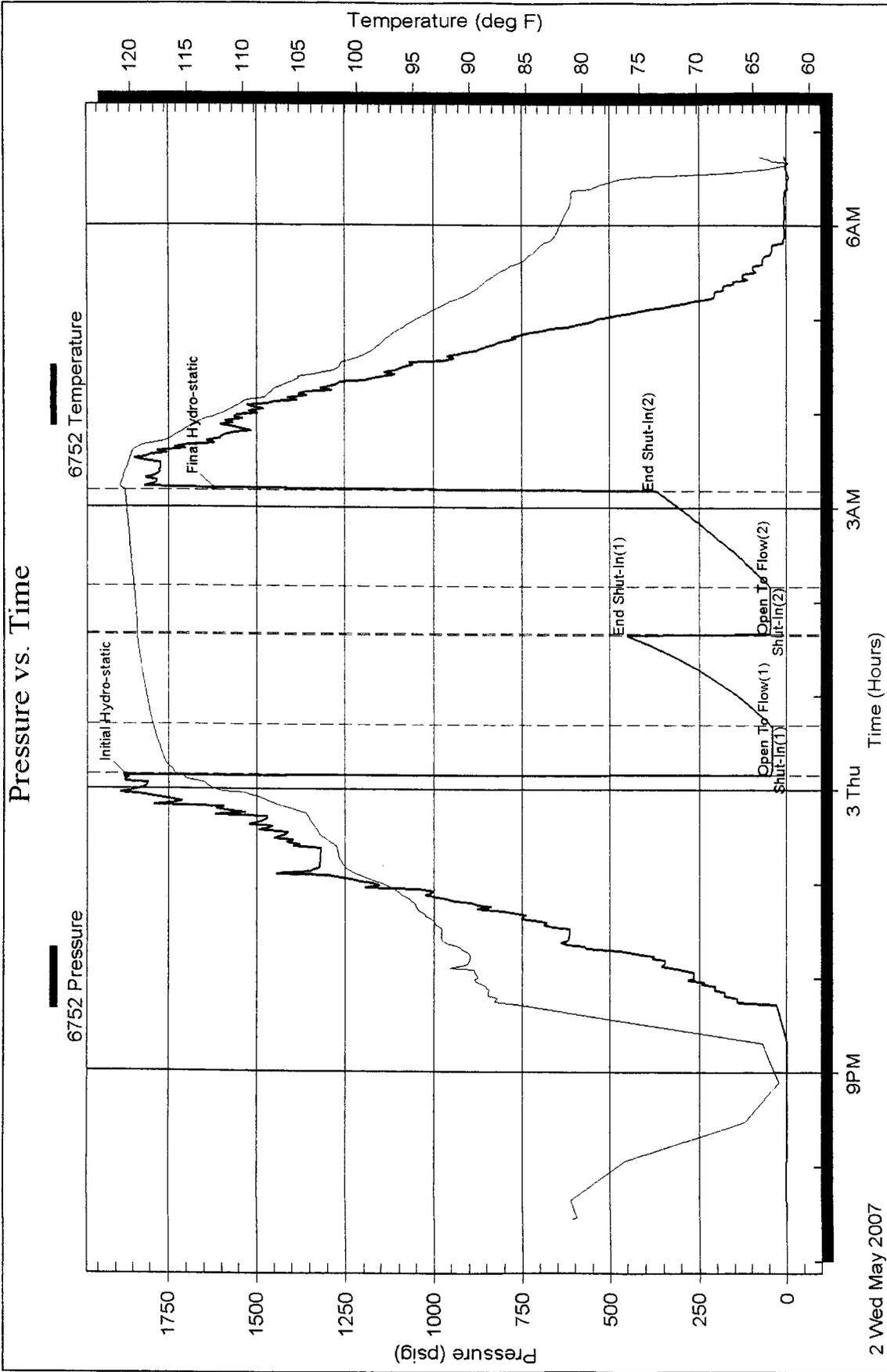
Length ft	Description	Volume bbl
62.00	VSOWCM -1%O +8%W 91%M	0.305

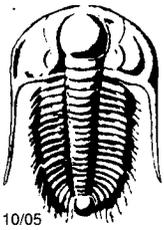
Total Length: 62.00 ft Total Volume: 0.305 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27930

10130

Test Ticket

Well Name & No. Hirth #7 Test No. #1 Date 4-25-07
 Company AGU Corp. Zone Tested Stalaker Sand
 Address 123 N. Main Attica KS 67009 Elevation 1379' KB 1376' GL
 Co. Rep / Geo. Kent Roberts Rig AA Rig #1
 Location: Sec. 21 Twp. 30s Rge. 2w Co. Summer State KS
 Comment: _____ Release date / time: _____

Interval Tested 2820' - 2836' Initial Str Wt./Lbs. 68,000 Unseated Str Wt./Lbs. 68,000
 Anchor Length _____ Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 90,000
 Top Packer Depth _____ Tool Weight 2,100 lbs
 Bottom Packer Depth _____ Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 2836' Wt. Pipe Run NONE Drill Collar Run 432'
 Mud Wt. 8.8 LCM 2 Vis. 43 WL 10 Drill Pipe Size 4 1/2 XH Ft. Run 2387'

Blow Description IF: Strong blow. B.O.B. in 30 secs. G.T.S. in 11 mins. SEE gas Report
ISI: Bled off. No blow back.
FF: Strong blow. See gas Report.
FSI: Bled off. No blow back.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>119</u>	<u>G.T.S.</u>	<u>119'</u>	<u>—</u>
Rec. <u>60</u>	Feet of <u>Gasly Mud</u>	<u>2</u> %gas	%oil %water <u>98</u> %mud
Rec. <u>59</u>	Feet of <u>Gasly Watery Mud</u>	<u>4</u> %gas	%oil <u>46</u> %water <u>50</u> %mud
Rec. _____	Feet of _____	%gas	%oil %water %mud
Rec. _____	Feet of _____	%gas	%oil %water %mud
Rec. _____	Feet of _____	%gas	%oil %water %mud

BHT 98 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW 0.65 @ 57 °F Chlorides _____ ppm Recovery 13,000 Chlorides 5,000 ppm System

AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1,337</u> PSI	<u>6668</u>	<u>✓ 1100</u>
(B) First Initial Flow Pressure	<u>33</u> PSI	(depth) <u>2820'</u>	Jars <u>✓ 250</u>
(C) First Final Flow Pressure	<u>59</u> PSI	Recorder No. <u>13266</u>	Safety Jt. <u>✓ 75</u>
(D) Initial Shut-In Pressure	<u>466</u> PSI	(depth) <u>2833'</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>77</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>98</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>466</u> PSI	Initial Opening <u>30 mins</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1,328</u> PSI	Initial Shut-In <u>60 mins</u>	Shale Packer _____
		Final Flow <u>60 mins</u>	Ruined Packer _____
		Final Shut-In <u>90 mins</u>	Mileage <u>✓ 780 Mile</u>
		T-On Location <u>15:30</u>	Sub Total: _____
		T-Started <u>18:55</u>	Std. By <u>✓ 3 hrs 300</u>
		T-Open <u>21:41</u>	Acc. Chg: _____
		T-Pulled <u>01:39</u>	Other: _____
		T-Out <u>05:00</u>	Total: <u>1980</u>

Approved By _____
 Our Representative Tracy Custody

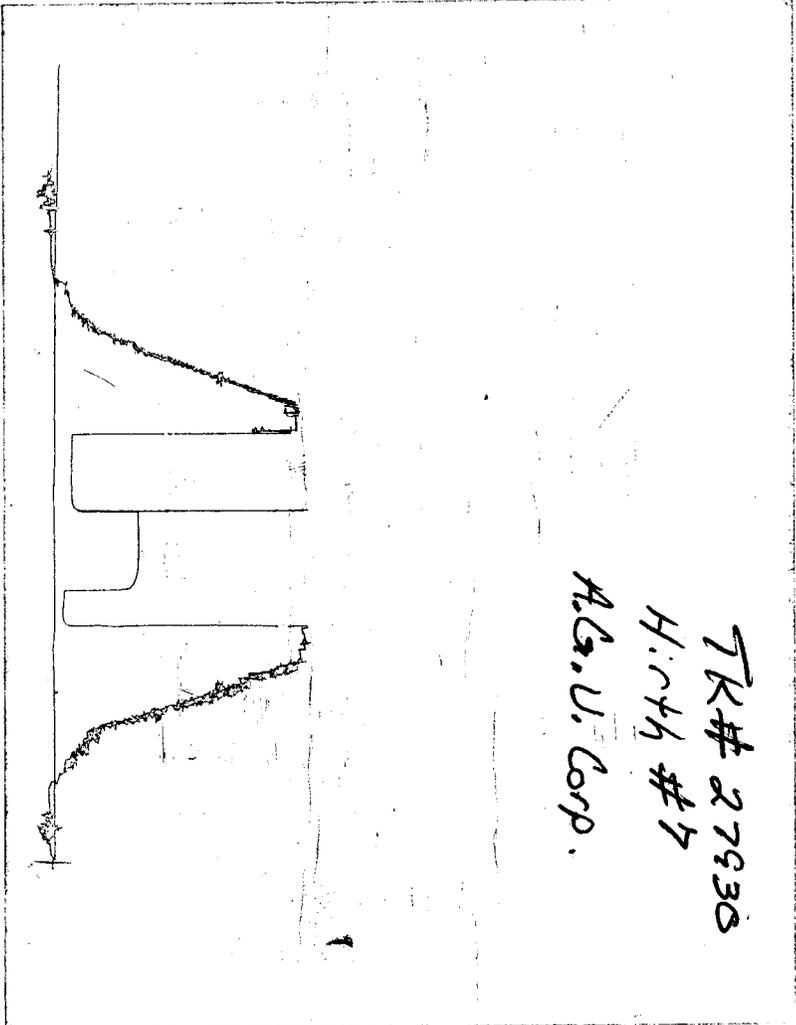
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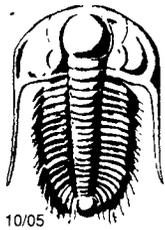
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TR# 27938

Hit #7

A.G.U. Corp.





TRILOBITE TESTING INC.

27931

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. Hith #7 Test No. #2 Date 4-26-07
 Company A G V Corp. Zone Tested Middle Stalvaker Sand
 Address 123 N. Main Attica KS 67009 Elevation 1379' KB 1376' GL
 Co. Rep / Geo. Kent Roberts Rig A & A Rig 1
 Location: Sec. 21 Twp. 30s Rge. 2W Co. Sumner State KS
 Comment: _____ Release date / time: _____

Interval Tested 2840' - 2860' Initial Str Wt./Lbs. 68,000 Unseated Str Wt./Lbs. 604,000
 Anchor Length 20' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 14,000
 Top Packer Depth 2835' Tool Weight 2100 lbs
 Bottom Packer Depth 2840' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 2860' Wt. Pipe Run NONE Drill Collar Run 432'
 Mud Wt. 8.7 LCM 1 Vis. 43 WL 12 Drill Pipe Size 4 1/2 XH Ft. Run 2387'

Blow Description IF: Weak blow. Building to 1/8" in 15 mins.
ISI: Bled off. no blow back.
FF: Weak blow. Building to 1/8" in 15 mins.
FSI: Bled off. No blow back.

Recovery - Total Feet 5 GIP _____ Ft. in DC 5 Ft. in DP _____
 Rec. 5 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 96 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 7,000 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	1381	PSI	Recorder No.	66668	Test	✓	1100
(B) First Initial Flow Pressure			34	PSI	(depth)	2840'	Jars	✓	250
(C) First Final Flow Pressure			29	PSI	Recorder No.	13266	Safety Jt.	✓	75
(D) Initial Shut-In Pressure			45	PSI	(depth)	2857'	Circ Sub		
(E) Second Initial Flow Pressure			33	PSI	Recorder No.	_____	Sampler		
(F) Second Final Flow Pressure			30	PSI	(depth)	_____	Straddle		
(G) Final Shut-In Pressure			53	PSI	Initial Opening	15 mins	Ext. Packer		
(Q) Final Hydrostatic Mud			1325	PSI	Initial Shut-In	30 mins	Shale Packer		
					Final Flow	15 mins	Ruined Packer		226
					Final Shut-In	30 mins	Mileage	✓	180 miles
					T-On Location	11:00	Sub Total:		1050
					T-Started	13:00	Std. By		
					T-Open	15:31	Acc. Chg:		
					T-Pulled	17:05	Other:		
					T-Out	19:22	Total:		

Approved By _____
 Our Representative Tony Custerkey

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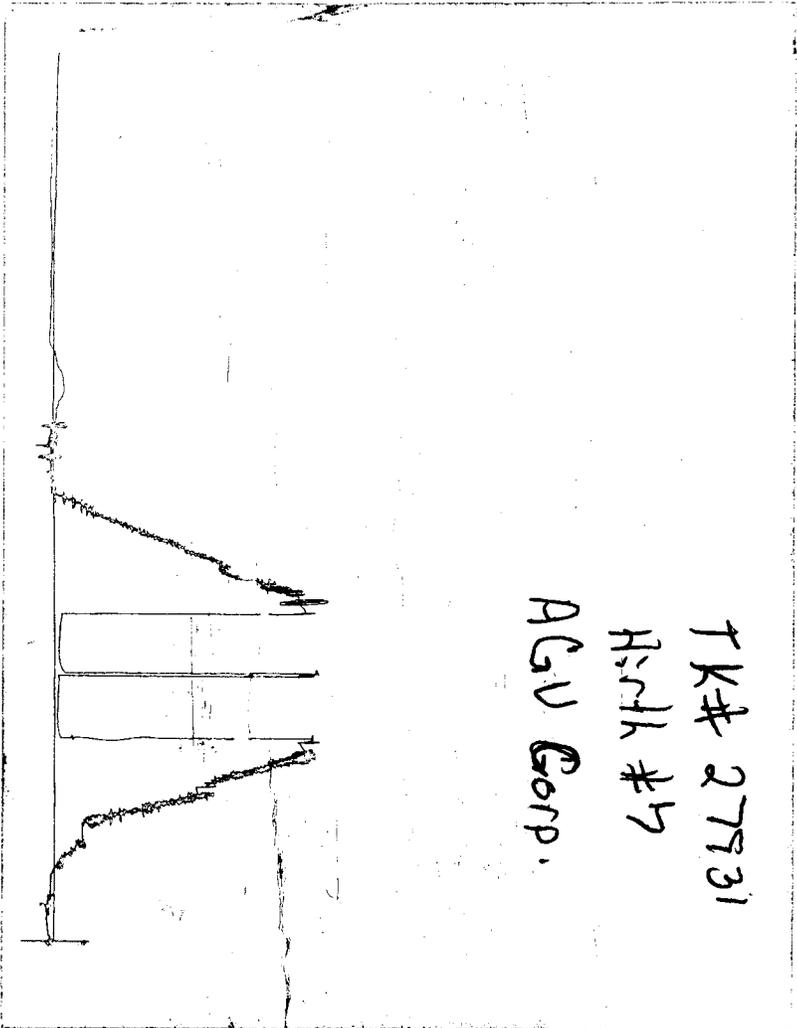
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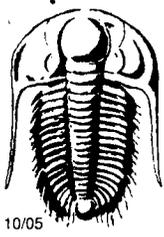
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TK# 27931

Runk #5

AGU Corp.





TRILOBITE TESTING INC.

27932

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. Hirth #7 Test No. #3 Date 4-27-07
 Company Attica Gas Ventures Corp. Zone Tested LOWER Stalaker Sand
 Address 123 W. Main Attica KS 67009 Elevation 1379' KB 1376' GL
 Co. Rep / Geo. Kent Roberts Rig A & A Rig #1
 Location: Sec. 21 Twp. 30W Rge. 2S Co. Summer State KS
 Comment: _____ Release date / time: _____

Interval Tested 2839' - 2878' Initial Str Wt./Lbs. 72,000 Unseated Str Wt./Lbs. 72,000
 Anchor Length _____ 39' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 74,000
 Top Packer Depth _____ 2834 Tool Weight 2,100 lbs.
 Bottom Packer Depth _____ 2839' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth _____ 2878' Wt. Pipe Run NONE Drill Collar Run 432'
 Mud Wt. 8.7 LCM 1 Vis. 43 WL 12 Drill Pipe Size 4 1/2 XH Ft. Run 2387'

Blow Description IF: Strong blow. B.O.B. in 15 secs. G.T.S. in 10 mins. T.S.T.M.
ISI: Bled off. Weak blow back. Building to 1/8" in 45 mins.
FF: Strong blow. See gas report.
FSI: Bled off. Weak blow. Building to 1/8" in 45 mins.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>180</u>	<u>G.T.S.</u>	<u>432'</u>	<u>180</u>
Rec. <u>291'</u>	Feet of <u>Gassy Mud</u>	<u>2</u> %gas	<u>98</u> %mud
Rec. <u>141'</u>	Feet of <u>Gassy Mud</u>	<u>20</u> %gas	<u>80</u> %mud
Rec. _____	Feet of <u>Muddy Water</u>	<u>2</u> %gas	<u>88</u> %water <u>10</u> %mud
Rec. _____	Feet of _____	%gas	%oil %water %mud
Rec. _____	Feet of _____	%gas	%oil %water %mud

BHT 104 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .07 @ 69 °F Chlorides _____ ppm Recovery 125,000 Chlorides 7,000 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	Recorder No.	Test
(B) First Initial Flow Pressure	<u>1363</u>	PSI	<u>66668</u>	<u>1100</u>
(C) First Final Flow Pressure	<u>72</u>	PSI	<u>2839'</u>	Jars <u>25</u>
(D) Initial Shut-In Pressure	<u>163</u>	PSI	<u>13266</u>	Safety Jt. <u>75</u>
(E) Second Initial Flow Pressure	<u>982</u>	PSI	<u>2875'</u>	Circ Sub _____
(F) Second Final Flow Pressure	<u>136</u>	PSI	_____	Sampler _____
(G) Final Shut-In Pressure	<u>198</u>	PSI	_____	Straddle _____
(Q) Final Hydrostatic Mud	<u>961</u>	PSI	<u>30 mins'</u>	Ext. Packer _____
	<u>1,327</u>	PSI	<u>45 mins'</u>	Shale Packer _____

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Approved By Kent Roberts
 Our Representative Tracy Lushenbrey

Recorder No. 66668 Test 1100
 (depth) 2839' Jars 25
 Recorder No. 13266 Safety Jt. 75
 (depth) 2875' Circ Sub _____
 Recorder No. _____ Sampler _____
 (depth) _____ Straddle _____
 Initial Opening 30 mins' Ext. Packer _____
 Initial Shut-In 45 mins' Shale Packer _____
 Final Flow 30 mins' Ruined Packer _____
 Final Shut-In 45 mins' Mileage 280 miles
 T-On Location 01:30 Sub Total: 1625
 T-Started 03:49 Std. By 1.25 125
 T-Open 06:10 Acc. Chg: _____
 T-Pulled 08:40 Other: _____
 T-Out 11:45 Total: \$1796

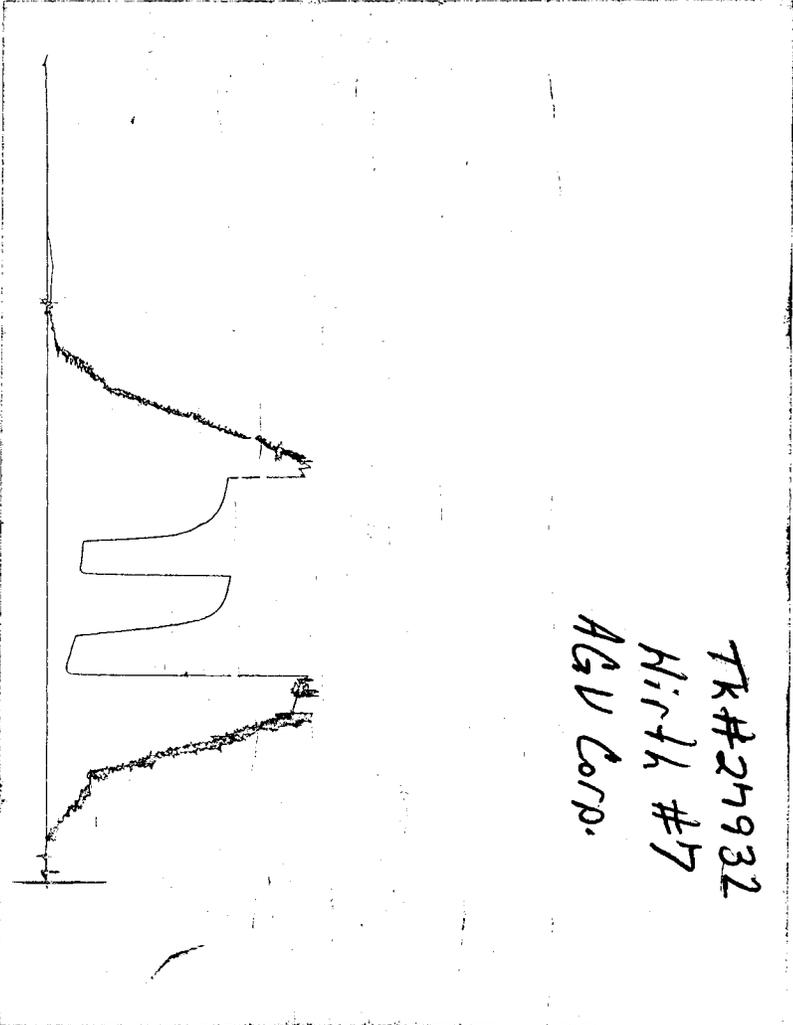
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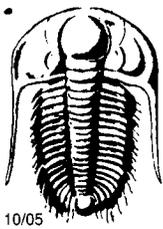
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TR#24932

MIN# 7

AGV Corp.





TRILOBITE TESTING INC.

27933

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. Hirth #7 Test No. # 4 Date 4-28-07
 Company Attica Gas Ventures Corp. Zone Tested Kansas City, A
 Address 123 W. Main Attica KS 67009 Elevation 1379' KB 1376' GL
 Co. Rep / Geo. Kent Roberts Rig A&A Rig 1
 Location: Sec. 21 Twp. 30W Rge. 2S Co. Sumner State KS
 Comment: _____ Release date / time: _____

Interval Tested 3153' - 3163' Initial Str Wt./Lbs. 70,000 Unseated Str Wt./Lbs. 70,000
 Anchor Length 10' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 70,000
 Top Packer Depth 3148' Tool Weight 2,100 lbs
 Bottom Packer Depth 3153' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3163' Wt. Pipe Run NONE Drill Collar Run 432
 Mud Wt. 8.9 LCM 2 Vis. 48 WL 9.2 Drill Pipe Size 4 1/2 XH Ft. Run 2698'

Blow Description IF: Weak blow. Building. B.O.B. in 22 mins
TST: Bled off. No blow back.
FF: Weak blow. Building to 6" in 30 mins.
FSI: Bled off. No blow back.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>10'</u>	<u>190'</u>	<u>129'</u>	—
Rec. <u>60'</u>	Feet of <u>Gassy Watery Oil with Mud</u>	<u>2</u> %gas <u>48</u> %oil	<u>4</u> %water <u>46</u> %mud
Rec. <u>59'</u>	Feet of <u>Gassy Oil Cut Watery Mud</u>	<u>2</u> %gas <u>8</u> %oil	<u>24</u> %water <u>66</u> %mud
Rec. _____	Feet of <u>Oil Cut Gassy Muddy Water</u>	<u>6</u> %gas <u>4</u> %oil	<u>64</u> %water <u>26</u> %mud
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____

BHT _____ °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW 1.05 @ 71 °F Chlorides _____ ppm Recover 199,000 Chlorides 6,000 ppm System

AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1,505</u> PSI	<u>60608</u>	✓ <u>1100</u>
(B) First Initial Flow Pressure	<u>43</u> PSI	(depth) <u>3153'</u>	Jars ✓ <u>250</u>
(C) First Final Flow Pressure	<u>59</u> PSI	Recorder No. <u>13266</u>	Safety Jt. ✓ <u>75</u>
(D) Initial Shut-In Pressure	<u>1072</u> PSI	(depth) <u>3160'</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>70</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>84</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1,061</u> PSI	Initial Opening <u>30 mins</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1,502</u> PSI	Initial Shut-In <u>60 mins</u>	Shale Packer _____
		Final Flow <u>30 mins</u>	Ruined Packer _____
		Final Shut-In <u>60 mins</u>	Mileage <u>270</u> ✓ <u>325</u>
		T-On Location <u>13:30</u>	Sub Total: _____
		T-Started <u>15:11</u>	Std. By <u>30 mins</u> ✓
		T-Open <u>17:08</u>	Acc. Chg: _____
		T-Pulled <u>20:08</u>	Other: _____
		T-Out <u>23:01</u>	Total: _____

Approved By _____
 Our Representative Travis C. Bentley

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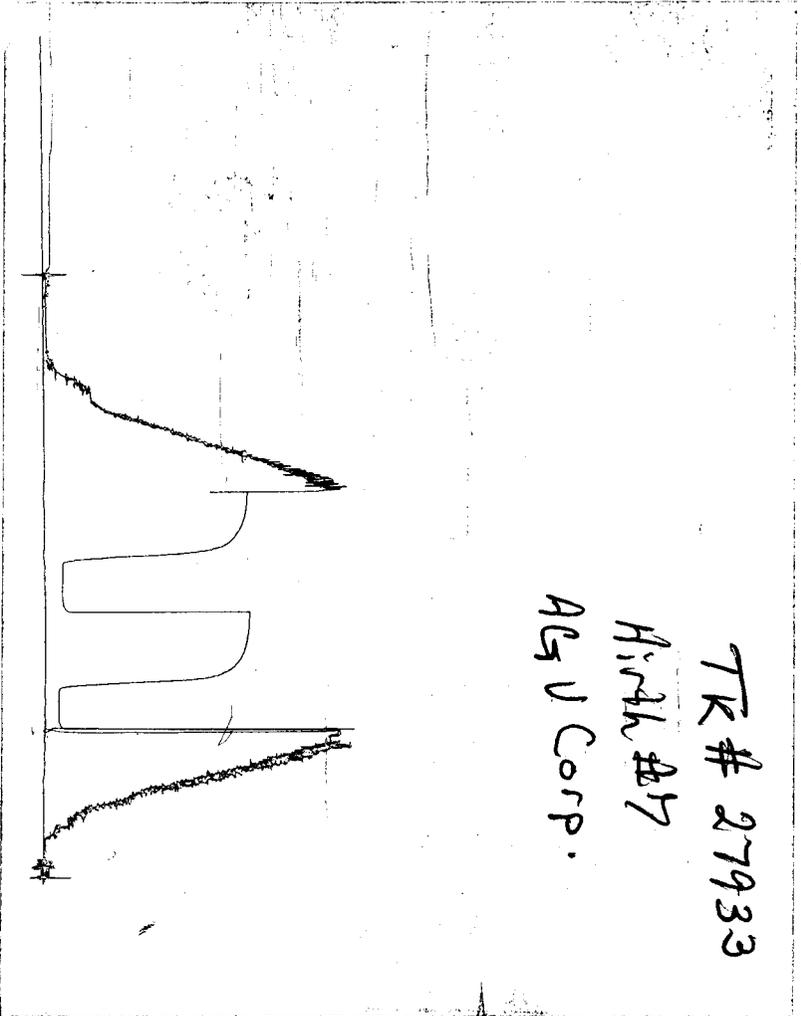
CHART PAGE

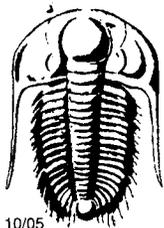
This is a photocopy of the actual AK-1 recorder chart.

TR # 27933

Final #5

AGV Corp.





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27908

Test Ticket

Well Name & No. #7 Hirth Test No. 3 Date 5/12/07
 Company AGV Corp Zone Tested Mississippi
 Address 123 N. Main Attica KS 67009 Elevation _____ KB 1376 GL _____
 Co. Rep / Geo. Kent Roberts Rig A-A Drill #1
 Location: Sec. 21 Twp. 30 Rge. 2W Co. Sumner State _____
 Comment: _____ Release date / time: _____

Interval Tested 3791 - 3799 Initial Str Wt./Lbs. 79000 Unseated Str Wt./Lbs. 79000
 Anchor Length _____ Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 100000
 Top Packer Depth _____ Tool Weight 2100
 Bottom Packer Depth _____ Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3799 Wt. Pipe Run 0 Drill Collar Run 433
 Mud Wt. 8.9 LCM 4# Vis. 50 WL 14.0 Drill Pipe Size 4 1/2 Ft. Run 3345

Blow Description IF: weak Blow, 1"
WJ: No Blowback
FF: Fair Blow, 3 inches
FJ: No Blowback

Recovery - Total Feet 62 GIP _____ Ft. in DC 62 Ft. in DP _____
 Rec. 62 Feet of VSD WCM %gas 1- %oil 8+ %water 91 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 120 °F Gravity NIC API D @ NIC °F Corrected Gravity NIC API _____
 RW NIC @ NIC °F Chlorides NIC ppm Recovery _____ Chlorides 7000 ppm System _____

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1870</u> PSI	<u>6752</u>	<u>1100</u>
(B) First Initial Flow Pressure		<u>44</u> PSI	(depth) <u>3792</u>	Jars <u>250</u>
(C) First Final Flow Pressure		<u>43</u> PSI	Recorder No. <u>6704</u>	Safety Jt. <u>75</u>
(D) Initial Shut-In Pressure		<u>452</u> PSI	(depth) <u>3796</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>67</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		<u>46</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure		<u>370</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1818</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____
			Final Flow <u>30</u>	Ruined Packer _____
			Final Shut-In <u>60</u>	Mileage <u>1800</u> <u>225</u>

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Approved By Kent Roberts
 Our Representative _____

T-On Location 18:45
 T-Started 19:26
 T-Open 00:09
 T-Pulled 03:10
 T-Out 06:43
 Std. By 3 300
 Acc. Chg: _____
 Other: 1950
 Total: _____

CHART PAGE

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

