

DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Co.**

125 N. Market
Suite 1000
Wichita, KS 67202

ATTN: Mike Maune

5-35s-13w Barber KS

Oakes A `GU' #5

Start Date: 2005.08.09 @ 23:28:29

End Date: 2005.08.10 @ 07:32:44

Job Ticket #: 21731 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

Woolsey Operating Co.

Oakes A `GU' #5

125 N. Market
Suite 1000
Wichita, KS 67202
ATTN: Mike Maune

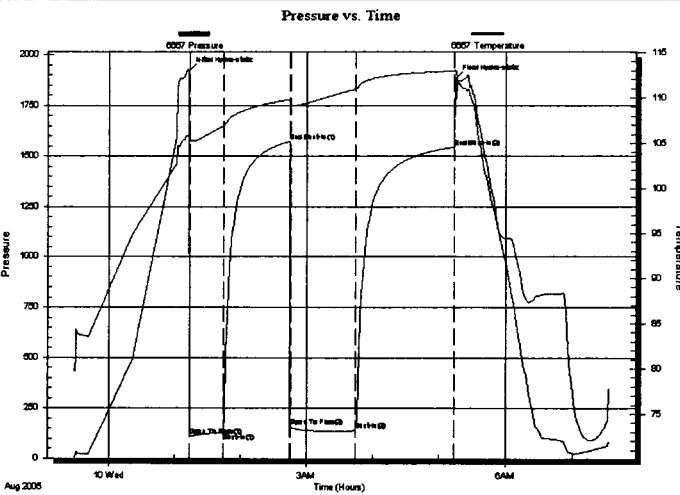
5-35s-13w Barber KS
Job Ticket: 21731 DST#: 1
Test Start: 2005.08.09 @ 23:28:29

GENERAL INFORMATION:

Formation: **Toronto**
 Deviated: **No** Whipstock: ft (KB)
 Time Tool Opened: 01:13:14
 Time Test Ended: 07:32:44
 Interval: **4055.00 ft (KB) To 4112.00 ft (KB) (TVD)**
 Total Depth: **4112.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole**
 Tester: **Jake Fahrenbruch**
 Unit No: **19**
 Reference Elevations: **1818.00 ft (KB)**
1808.00 ft (CF)
 KB to GR/CF: **10.00 ft**

Serial #: 6667 Inside
 Press@RunDepth: **139.35 psig @ 4056.00 ft (KB)** Capacity: **7000.00 psig**
 Start Date: **2005.08.09** End Date: **2005.08.10** Last Calib.: **2005.08.10**
 Start Time: **23:28:34** End Time: **07:32:43** Time On Btm: **2005.08.10 @ 01:12:29**
 Time Off Btm: **2005.08.10 @ 05:14:59**

TEST COMMENT: IF: Weak blow, building to 2".
 IS: Bled off, no blow back.
 FF: Weak blow, building to .5".
 FS: Bled off, no blow back.



PRESSURE SUMMARY

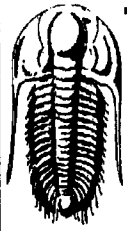
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1920.96	105.85	Initial Hydro-static
1	111.84	105.36	Open To Flow (1)
32	127.59	106.97	Shut-in(1)
92	1573.91	109.82	End Shut-in(1)
93	159.49	109.35	Open To Flow (2)
152	139.35	110.98	Shut-in(2)
242	1545.19	112.98	End Shut-in(2)
243	1880.95	113.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
110.00	WM 50%w 50%m	1.54
0.00	RV= .27ohm@74degF=24000ppm	0.00

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Operating Co.

Oakes A `GU' #5

125 N. Market
Suite 1000
Wichita, KS 67202
ATTN: Mike Maune

5-35s-13w Barber KS

Job Ticket: 21731

DST#: 1

Test Start: 2005.08.09 @ 23:28:29

Tool Information

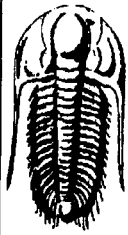
Drill Pipe:	Length: 4043.00 ft	Diameter: 3.80 inches	Volume: 56.71 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 56.71 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 34000.00 lb
Depth to Top Packer:	4055.00 ft			Final 34000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	57.00 ft			
Tool Length:	85.00 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			4032.00	
Hydraulic tool	5.00			4037.00	
Jars	5.00			4042.00	
Safety Joint	3.00			4045.00	
Packer	5.00			4050.00	28.00 Bottom Of Top Packer
Packer	5.00			4055.00	
Stubb	1.00			4056.00	
Recorder	0.00	6667	Inside	4056.00	
Anchor	10.00			4066.00	
Change Over Sub	1.00			4067.00	
Blank Spacing	31.00			4098.00	
Change Over Sub	1.00			4099.00	
Perforations	10.00			4109.00	
Recorder	0.00	67014		4109.00	
Bullnose	3.00			4112.00	57.00 Bottom Packers & Anchor

Total Tool Length: 85.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co.

Oakes A 'GU' #5

125 N. Market
Suite 1000
Wichita, KS 67202
ATTN: Mike Maune

5-35s-13w Barber KS
Job Ticket: 21731 DST#: 1
Test Start: 2005.08.09 @ 23:28:29

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: 10.37 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.04 inches			

Recovery Information

Recovery Table

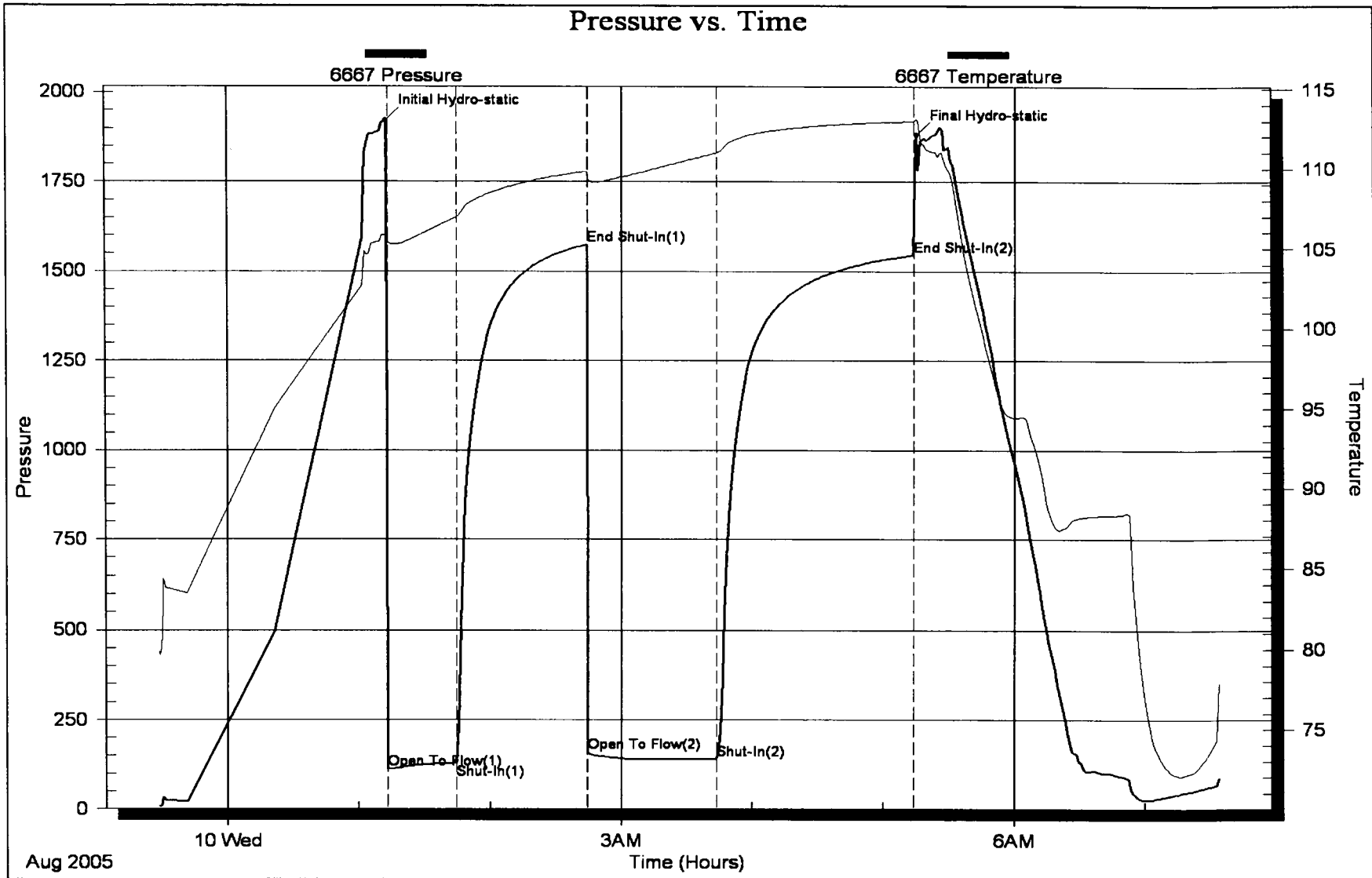
Length ft	Description	Volume bbl
110.00	WM 50%w 50%m	1.543
0.00	RW= .27ohm@74degF=24000ppm	0.000

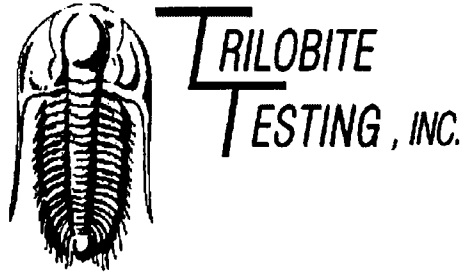
Total Length: 110.00 ft Total Volume: 1.543 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Co.**

125 N. Market
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ATTN: Mike Maune

5-35s-13w Barber KS

Oakes A `GU' #5

Start Date: 2005.08.11 @ 14:00:22

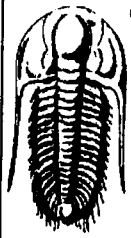
End Date: 2005.08.11 @ 22:46:22

Job Ticket #: 21732 DST #: 2

Trilobite Testing, Inc

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Woolsey Operating Co.
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ATTN: Mike Maune

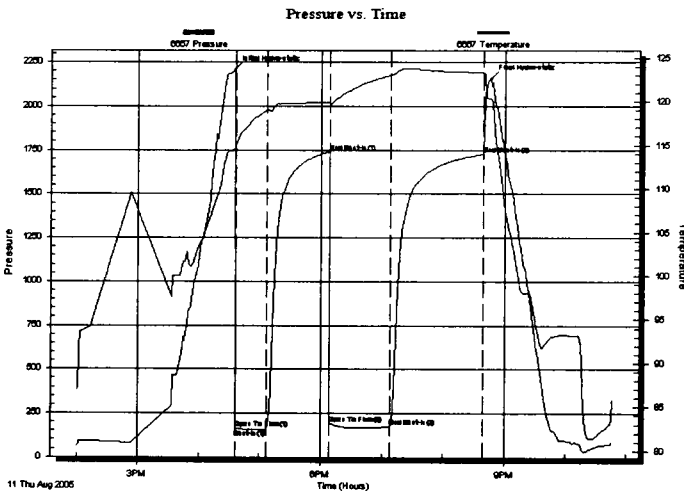
Oakes A 'GU' #5
5-35s-13w Barber KS
Job Ticket: 21732 DST#: 2
Test Start: 2005.08.11 @ 14:00:22

GENERAL INFORMATION:

Formation: **Lansing 'G'**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 16:36:52
 Time Test Ended: 22:46:22
 Interval: **4536.00 ft (KB) To 4580.00 ft (KB) (TVD)**
 Total Depth: **4580.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: **Conventional Bottom Hole**
 Tester: **Jake Fahrenbruch**
 Unit No: **19**
 Reference Elevations: **1818.00 ft (KB)**
1808.00 ft (CF)
 KB to GR/CF: **10.00 ft**

Serial #: 6667 Inside
 Press@RunDepth: **156.00 psig @ 4537.00 ft (KB)** Capacity: **7000.00 psig**
 Start Date: **2005.08.11** End Date: **2005.08.11** Last Calib.: **2005.08.11**
 Start Time: **14:00:27** End Time: **22:46:22** Time On Btm: **2005.08.11 @ 16:35:37**
 Time Off Btm: **2005.08.11 @ 20:46:22**

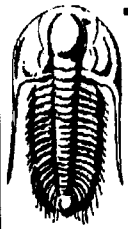
TEST COMMENT: F: Fair to strong blow, BOB 50sec.
 IS: Bled off, no blow back.
 FF: Fair to strong blow, BOB 35sec.
 FS: Bled off, no blow back.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2209.95	114.49	Initial Hydro-static
2	162.35	115.16	Open To Flow (1)
32	156.00	119.04	Shut-In(1)
93	1739.13	119.87	End Shut-In(1)
93	190.65	119.12	Open To Flow (2)
153	173.43	123.00	End Shut-In(2)
244	1726.19	123.32	End Shut-In(3)
251	2155.98	120.30	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
130.00	MCW 20% m80% w	1.82
0.00	RW= .09ohm@88degF=68000ppm	0.00
0.00	0	0.00

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



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TOOL DIAGRAM

Woolsey Operating Co.

Oakes A `GU' #5

125 N. Market
Suite 1000
Wichita, KS 67202
ATTN: Mike Maune

5-35s-13w Barber KS

Job Ticket: 21732

DST#: 2

Test Start: 2005.08.11 @ 14:00:22

Tool Information

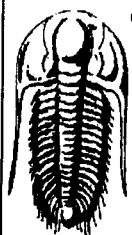
Drill Pipe:	Length: 4514.00 ft	Diameter: 3.80 inches	Volume: 63.32 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 46000.00 lb
			<u>Total Volume: 63.32 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 37000.00 lb
Depth to Top Packer:	4536.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	72.00 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			4513.00	
Hydraulic tool	5.00			4518.00	
Jars	5.00			4523.00	
Safety Joint	3.00			4526.00	
Packer	5.00			4531.00	28.00 Bottom Of Top Packer
Packer	5.00			4536.00	
Stubb	1.00			4537.00	
Recorder	0.00	6667	Inside	4537.00	
Perforations	40.00			4577.00	
Recorder	0.00	6714	Outside	4577.00	
Bullnose	3.00			4580.00	44.00 Bottom Packers & Anchor

Total Tool Length: 72.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co.

Oakes A 'GU' #5

125 N. Market
Suite 1000
Wichita, KS 67202
ATTN: Mike Maune

5-35s-13w Barber KS
Job Ticket: 21732 DST#: 2
Test Start: 2005.08.11 @ 14:00:22

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: bbl		
Water Loss: 9.58 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.04 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	MCW 20% m 80% w	1.824
0.00	RW= .09 ohm @ 88 deg F = 68000 ppm	0.000
0.00	0	0.000

Total Length: 130.00 ft Total Volume: 1.824 bbl

Num Fluid Samples: 0

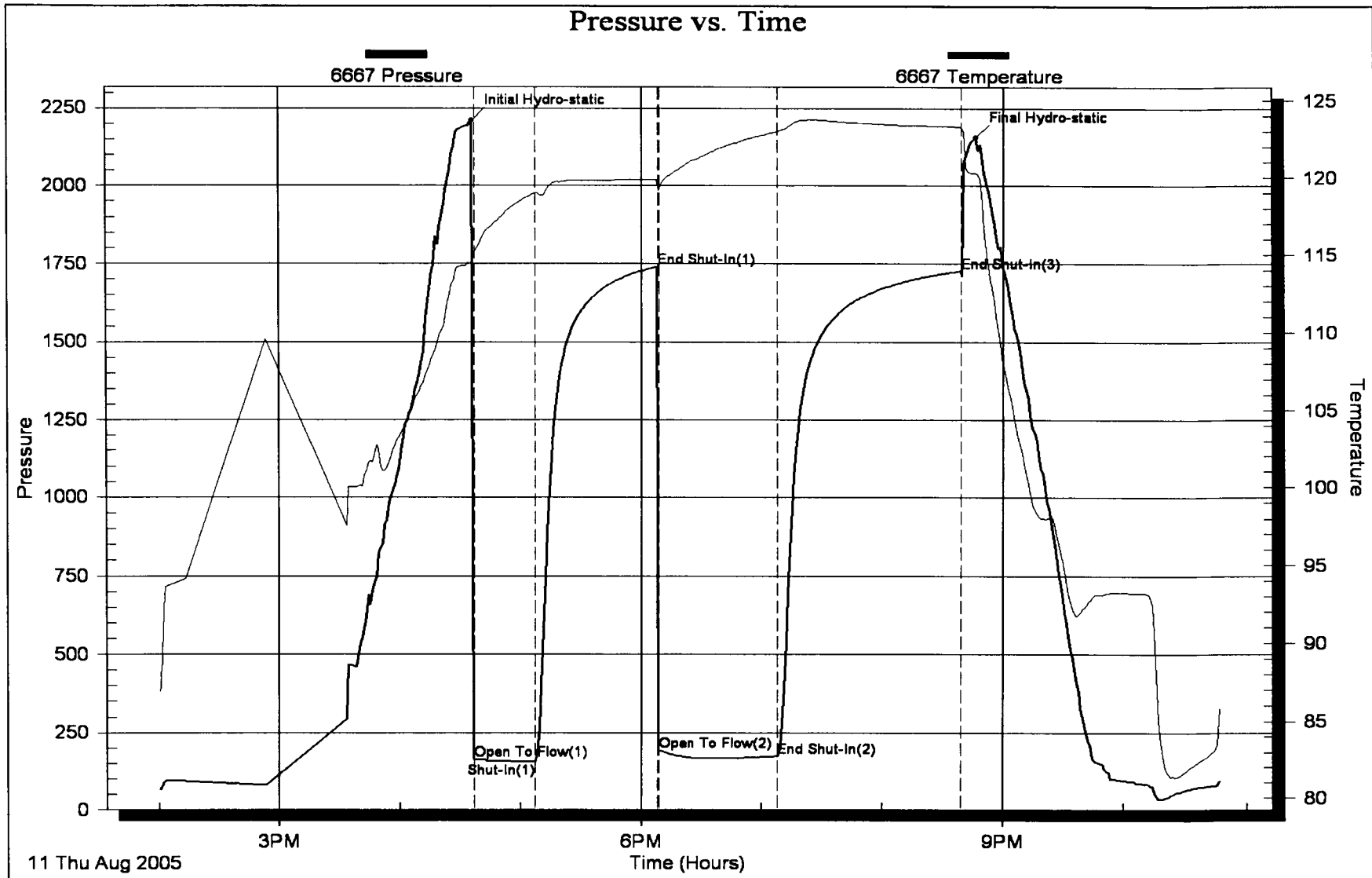
Num Gas Bombs: 0

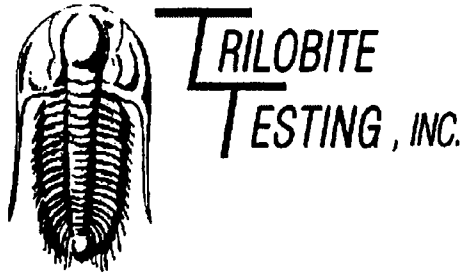
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Co.**

125 N. Market
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ATTN: Mike Maune

5-35s-13w Barber KS

Oakes A `GU' #5

Start Date: 2005.08.12 @ 14:08:13

End Date: 2005.08.12 @ 22:37:28

Job Ticket #: 21733 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
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DRILL STEM TEST REPORT

Woolsey Operating Co.

Oakes A 'GU' #5

125 N. Market
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ATTN: Mike Maune

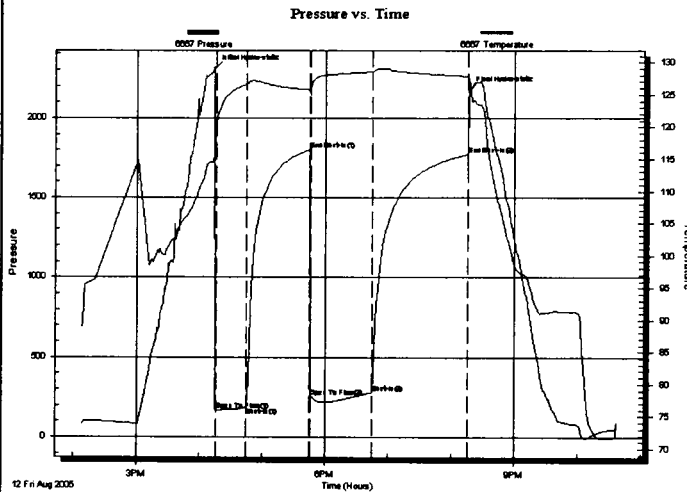
5-35s-13w Barber KS
Job Ticket: 21733 **DST#: 3**
Test Start: 2005.08.12 @ 14:08:13

GENERAL INFORMATION:

Formation: **Hertha**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 16:15:28
 Time Test Ended: 22:37:28
 Interval: **4695.00 ft (KB) To 4723.00 ft (KB) (TVD)**
 Total Depth: **4723.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Poor**
 Test Type: **Conventional Bottom Hole**
 Tester: **Jake Fahrenbruch**
 Unit No: **19**
 Reference Elevations: **1818.00 ft (KB)**
1808.00 ft (CF)
 KB to GR/CF: **10.00 ft**

Serial #: 6667 **Inside**
 Press@RunDepth: **279.03 psig @ 4696.00 ft (KB)** Capacity: **7000.00 psig**
 Start Date: **2005.08.12** End Date: **2005.08.12** Last Calib.: **2005.08.12**
 Start Time: **14:08:18** End Time: **22:37:27** Time On Btm: **2005.08.12 @ 16:14:13**
 Time Off Btm: **2005.08.12 @ 20:16:58**

TEST COMMENT: **F: Strong blow, BOB 15 seconds.**
IS: Bled off, no blow back.
FF: Fair to strong blow, BOB 3 minutes, GTS 19 minutes.
FS: Bled off, no blow back.



PRESSURE SUMMARY

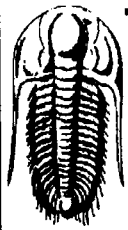
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2306.96	115.77	Initial Hydro-static
2	169.54	119.84	Open To Flow (1)
31	186.38	126.61	Shut-In(1)
91	1801.62	125.77	End Shut-In(1)
92	252.01	124.98	Open To Flow (2)
151	279.03	128.52	Shut-In(2)
242	1772.29	127.84	End Shut-In(2)
243	2175.39	127.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
410.00	Salt water	5.75
0.00	Gas in AFFP.	0.00
0.00	RW= .07ohm@77degF=110,000ppm	0.00
0.00	0	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	4.00	6.89
Last Gas Rate		0.00	
Max. Gas Rate	0.13	5.00	7.26



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Operating Co.
125 N. Market
Suite 1000
Wichita, KS 67202
ATTN: Mike Maune

Oakes A 'GU' #5
5-35s-13w Barber KS
Job Ticket: 21733 DST#: 3
Test Start: 2005.08.12 @ 14:08:13

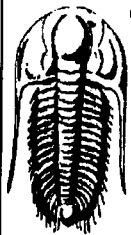
Tool Information

Drill Pipe:	Length: 4672.00 ft	Diameter: 3.80 inches	Volume: 65.54 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 65.54 bbl</u>	Tool Chased 10.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	4695.00 ft			Final 39000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	56.00 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			4672.00	
Hydraulic tool	5.00			4677.00	
Jars	5.00			4682.00	
Safety Joint	3.00			4685.00	
Packer	5.00			4690.00	28.00 Bottom Of Top Packer
Packer	5.00			4695.00	
Stubb	1.00			4696.00	
Recorder	0.00	6667	Inside	4696.00	
Perforations	24.00			4720.00	
Recorder	0.00	67014		4720.00	
Bullnose	3.00			4723.00	28.00 Bottom Packers & Anchor

Total Tool Length: 56.00



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DRILL STEM TEST REPORT

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ATTN: Mike Maune

5-35s-13w Barber KS
Job Ticket: 21733 DST#: 3
Test Start: 2005.08.12 @ 14:08:13

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: 7.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.04 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
410.00	Salt water	5.751
0.00	Gas in AFFF	0.000
0.00	RWF: 0.7ohm@77degF=110,000ppm	0.000
0.00	0	0.000

Total Length: 410.00 ft Total Volume: 5.751 bbl

Num Fluid Samples: 1

Num Gas Bombs: 0

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



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DRILL STEM TEST REPORT

GAS RATES

Woolsey Operating Co.

Oakes A `GU' #5

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ATTN: Mike Maune

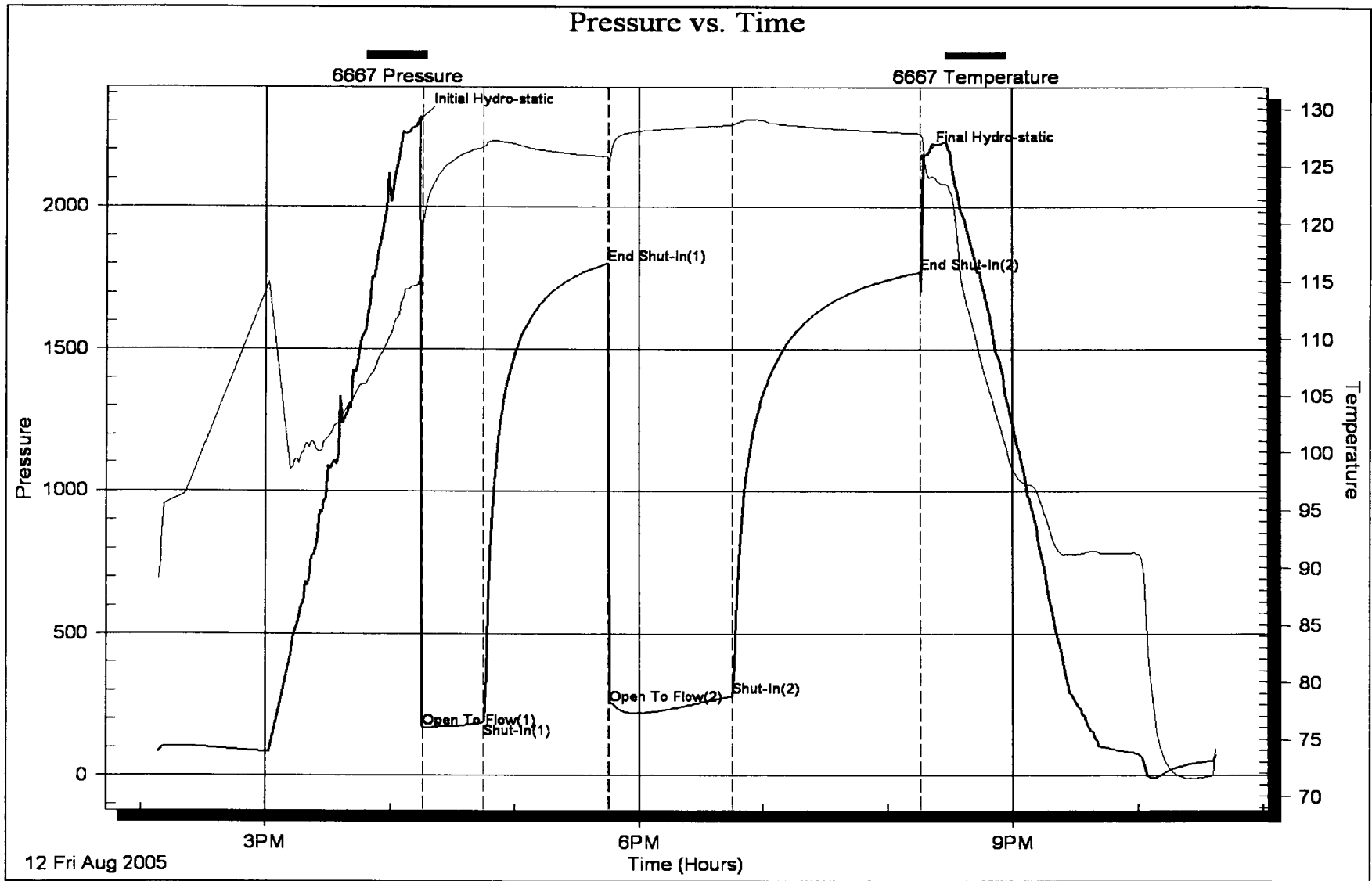
5-35s-13w Barber KS
Job Ticket: 21733 DST#: 3
Test Start: 2005.08.12 @ 14:08:13

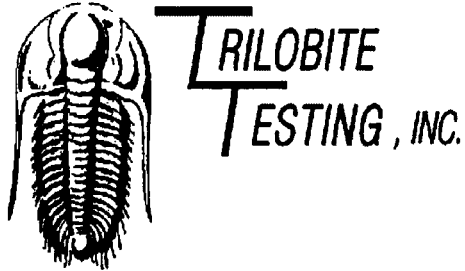
Gas Rates Information

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	50	0.13	4.00	6.89
2	60	0.13	5.00	7.26
0	0	-999999.00	0.00	-999999.00





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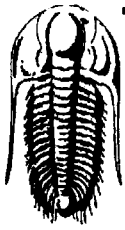
Oakes A `GU' #5

Start Date: 2005.08.14 @ 03:49:35

End Date: 2005.08.14 @ 13:13:50

Job Ticket #: 21734 DST #: 4

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Operating Co.

Oakes A 'GU' #5

125 N. Market
Suite 1000
Wichita, KS 67202
ATTN: Mike Maune

5-35s-13w Barber KS

Job Ticket: 21734

DST#: 4

Test Start: 2005.08.14 @ 03:49:35

Tool Information

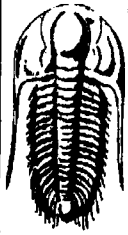
Drill Pipe:	Length: 4798.00 ft	Diameter: 3.80 inches	Volume: 67.30 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 42000.00 lb
			<u>Total Volume: 67.30 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	4820.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	92.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Shut in tool leaked during initial shut-in period.

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4797.00	
Hydraulic tool	5.00			4802.00	
Jars	5.00			4807.00	
Safety Joint	3.00			4810.00	
Packer	5.00			4815.00	28.00 Bottom Of Top Packer
Packer	5.00			4820.00	
Stubb	1.00			4821.00	
Recorder	0.00	6667	Inside	4821.00	
Perforations	3.00			4824.00	
Change Over Sub	1.00			4825.00	
Blank Spacing	31.00			4856.00	
Change Over Sub	1.00			4857.00	
Perforations	24.00			4881.00	
Recorder	0.00	67014		4881.00	
Bullnose	3.00			4884.00	64.00 Bottom Packers & Anchor

Total Tool Length: 92.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co.

Oakes A `GU' #5

125 N. Market

5-35s-13w Barber KS

Suite 1000

Job Ticket: 21734

DST#: 4

Wichita, KS 67202

ATTN: Mike Maune

Test Start: 2005.08.14 @ 03:49:35

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:	ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.04 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Drig Mud 100%m	0.281
0.00	0	0.000

Total Length: 20.00 ft Total Volume: 0.281 bbl

Num Fluid Samples: 0

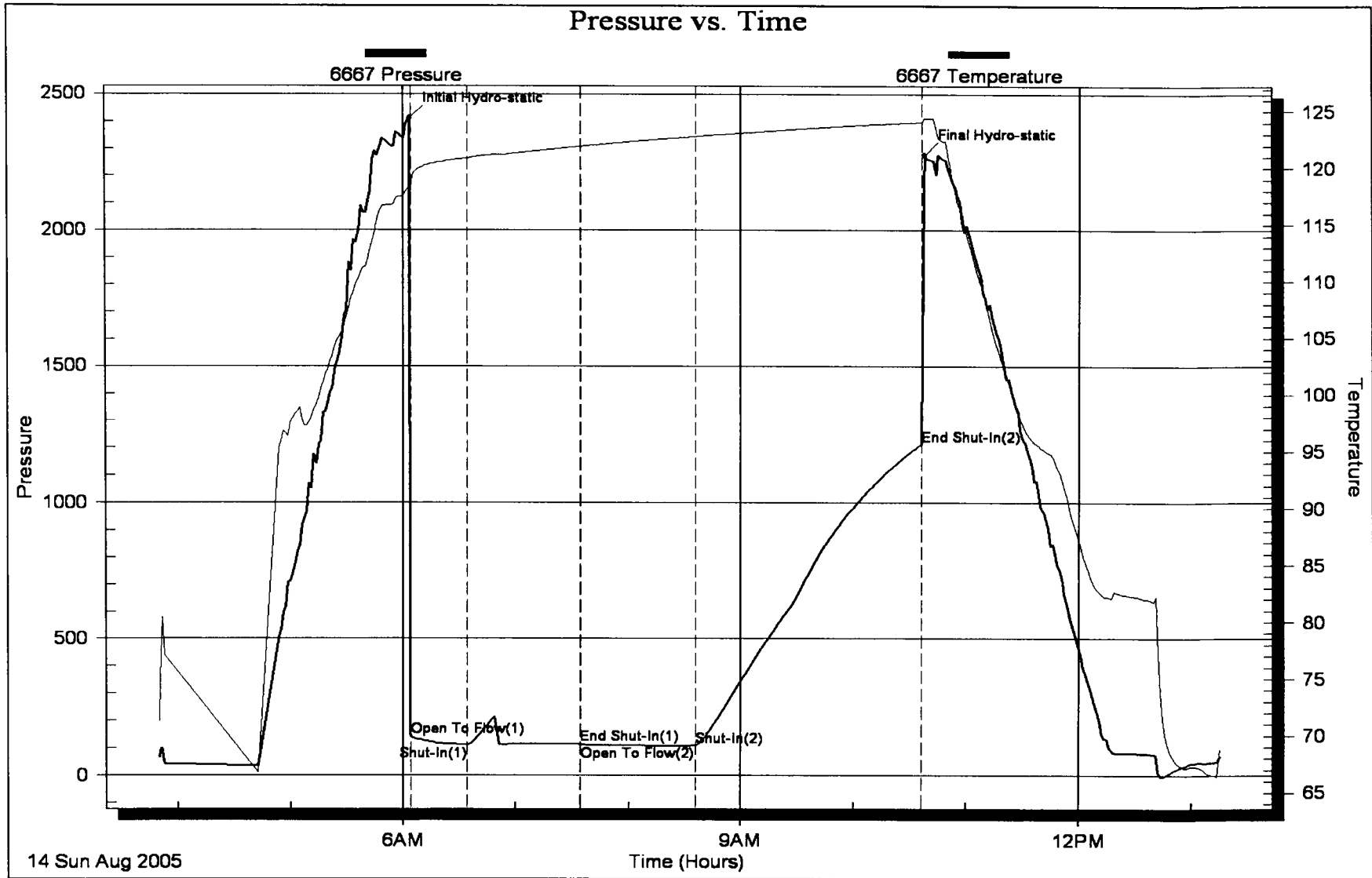
Num Gas Bombs: 0

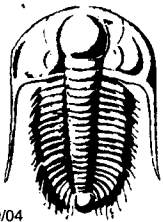
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

7802

No 21731

9/04

Test Ticket

Well Name & No. Oakes A 'GV' #5 Test No. 1 Date 8-10-05
 Company Woolsey Operating Co. Zone Tested TORONTO
 Address 125 N. Market, Suite 1000, Wichita, KS 67202 Elevation 1818 KB 1808 GL
 Co. Rep / Geo. Mike Maune Cont. Duke Drly Co. Rig #5 Est. Ft. of Pay Por. %
 Location: Sec. 5 Twp. 35s Rge. 13w Co. Barber State Kansas
 No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 4055 - 4112 Initial Str Wt./Lbs. 34000 Unseated Str Wt./Lbs. 34000
 Anchor Length 57 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 50000
 Top Packer Depth 4050 Tool Weight 2100
 Bottom Packer Depth 4055 Hole Size 7 7/8" YES Rubber Size 6 3/4" YES
 Total Depth 4112 Wt. Pipe Run NONE Drill Collar Run NONE

Mud Wt. 8.8 LCM 0* Vis. 45 WL 10.4 Drill Pipe Size 4 1/2" X # Ft. Run 4043
 Blow Description IF: Weak blow, building to 2"
ISI: Bleed off, no blowback.
FF: Weak blow, building to 1/2"
FSI: Bleed off, no blowback

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>110</u>	<u>NONE</u>	<u>NONE</u>	<u>110</u>
Rec. <u>110</u> Feet of <u>wm</u>	%gas	%oil	<u>50%</u> water <u>50%</u> mud
Rec. <u> </u> Feet of <u> </u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet of <u> </u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet of <u> </u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet of <u> </u>	%gas	%oil	%water %mud

BHT 113 °F Gravity NC °API D @ °F Corrected Gravity °API
 RW .27 Ω @ 74 °F Chlorides 24000 ppm Recovery Chlorides 5000 ppm System

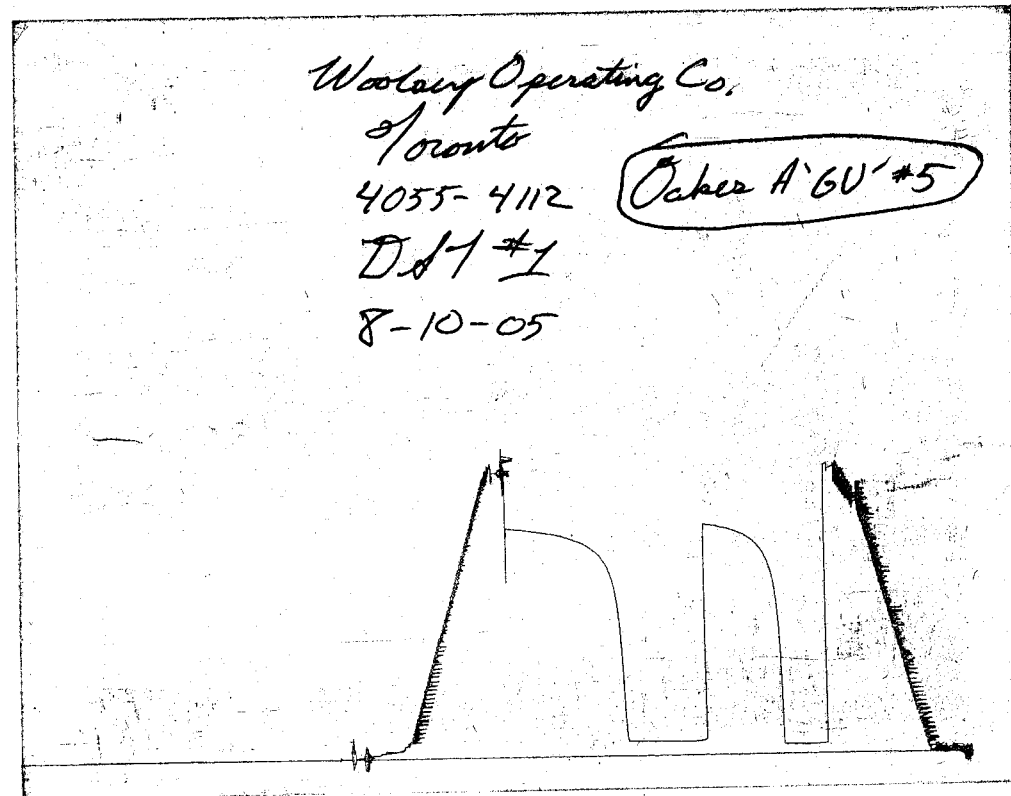
	AK-1	Alpine	PSI	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1921</u>		<u>6667</u>	<u>1050</u>
(B) First Initial Flow Pressure		<u>112</u>		<u>4056</u>	<u>200</u>
(C) First Final Flow Pressure		<u>128</u>		<u>67014</u>	<u>50</u>
(D) Initial Shut-In Pressure		<u>1574</u>		<u>4099 4109</u>	<u>NC</u>
(E) Second Initial Flow Pressure		<u>159</u>			
(F) Second Final Flow Pressure		<u>139</u>			
(G) Final Shut-In Pressure		<u>1545</u>			
(Q) Final Hydrostatic Mud		<u>1881</u>			

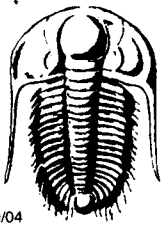
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Approved By Michael R. Maune T-Started 23:28 T-Open 01:13 T-Pulled 05:14 T-Total 07:00
 Our Representative [Signature] T-Total 1428
 Mileage 128 Sub Total: 1428 Std. By Other Total: 1428

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 21732

Test Ticket

Well Name & No. Oakes A'GU' #5 Test No. 2 Date 8-11-05
 Company Woolsey Operating Co. Zone Tested _____
 Address 125 N. Market, Suite 1000, Wichita, KS 67202 Elevation 1818 KB 1808 GL
 Co. Rep / Geo. Mike Maune Cont. Duke Drlg Co. Rig #5 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 5 Twp. 35s Rge. 13w Co. Barber State Kansas
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4536-4580 Initial Str Wt./Lbs. 37000 Unseated Str Wt./Lbs. 38000
 Anchor Length 44 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 96000
 Top Packer Depth 4531 Tool Weight 2100
 Bottom Packer Depth 4536 Hole Size 7 7/8" YES Rubber Size 6 3/4" YES
 Total Depth 4580 Wt. Pipe Run NONE Drill Collar Run NONE
 Mud Wt. 9.1 LCM 0 Vis. 48 WL 9.6 Drill Pipe Size 4 1/2" XH Ft. Run 4514

Blow Description IF: Fair to strong blow BOB 50 sec.
ISI: Bled off, no blowback.
FF: Fair to strong blow BOB 35 sec.
FSI: Bled off, no blowback.

Recovery - Total Feet 130 GIP 3600 Ft. in DC NONE Ft. in DP 130
 Rec. 130 Feet of MCW %gas _____ %oil 80 %water 20 %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 123 °F Gravity NC °API D @ _____ °F Corrected Gravity _____ °API
 RW .092 @ 88 °F Chlorides 68000 ppm Recovery _____ Chlorides 3000 ppm System

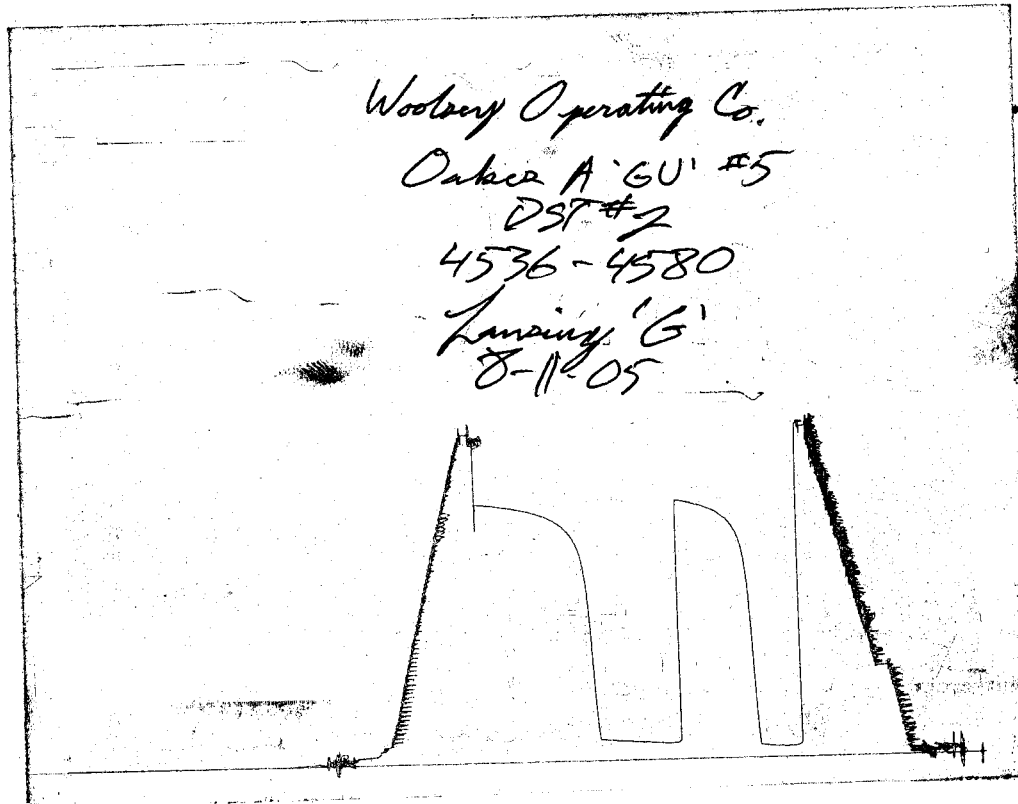
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2210</u>	PSI	<u>6667</u>	<u>1050</u>
(B) First Initial Flow Pressure	<u>162</u>	PSI	<u>4537</u>	<u>200</u>
(C) First Final Flow Pressure	<u>156</u>	PSI	<u>6074</u>	<u>50</u>
(D) Initial Shut-In Pressure	<u>1739</u>	PSI	<u>4577</u>	<u>NC</u>
(E) Second Initial Flow Pressure	<u>191</u>	PSI	_____	_____
(F) Second Final Flow Pressure	<u>173</u>	PSI	_____	_____
(G) Final Shut-In Pressure	<u>1720</u>	PSI	<u>30</u>	_____
(Q) Final Hydrostatic Mud	<u>2156</u>	PSI	<u>60</u>	_____

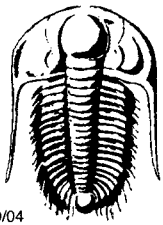
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Approved By Michael K. Maune T-Started 14:00 T-Open 16:36 T-Pulled 20:46 T-Out 22:30
 Our Representative Jacob E. Schumaker Mileage 128 Sub Total: 1428 Std. By _____ Other _____ Total: 1428

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 21733

Test Ticket

Well Name & No. Oakes A-6U #5 Test No. 3 Date 8-12-05
 Company Woolsey Operating Co. Zone Tested Hertha
 Address 125 N. Market, Suite 1000, Wichita, KS 67202 Elevation 1818 KB 1800 GL
 Co. Rep / Geo. Mike Maune Cont. Duke Dlg Co. Rig #5 Est. Ft. of Pay - Por. - %
 Location: Sec. 5 Twp. 35s Rge. Bw Co. Barber State Kansas
 No. of Copies - Distribution Sheet (Y, N) - Turnkey (Y, N) - Evaluation (Y, N) -

Interval Tested 4695-4723 Initial Str Wt./Lbs. 38000 Unseated Str Wt./Lbs. 39000
 Anchor Length 28 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 58000
 Top Packer Depth 4690 Tool Weight 2100
 Bottom Packer Depth 4695 Hole Size 7 7/8" YES Rubber Size 6 3/4" YES
 Total Depth 4723 Wt. Pipe Run NONE Drill Collar Run NONE
 Mud Wt. 9.1 LCM 4# Vis. 50 WL 7.2 Drill Pipe Size 4 1/2" X # Ft. Run 4672

Blow Description IF: Strong blow, BOB 15 seconds.
ISI: Bled off, no blowback.
FF: Fail to strong blow, BOB 3 minutes, GTS 19 minutes.
FSI: Bled off, no blowback

Recovery - Total Feet 410 GIP AFPP Ft. in DC NONE Ft. in DP 410
 Rec. 410 Feet of Salt water %gas - %oil 100 %water - %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 128 °F Gravity NC °API D @ - °F Corrected Gravity - °API
 RW 07R @ 77 °F Chlorides 110000 ppm Recovery - Chlorides 5000 ppm System

AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	2307 PSI	6667	\$ 1050
(B) First Initial Flow Pressure	170 PSI	(depth) 4696	Jars \$ 200
(C) First Final Flow Pressure	186 PSI	Recorder No. 6074	Safety Jt. \$ 50
(D) Initial Shut-In Pressure	1802 PSI	(depth) 4720	Circ Sub <u>NC</u>
(E) Second Initial Flow Pressure	252 PSI	Recorder No. <u>-</u>	Sampler <u>-</u>
(F) Second Final Flow Pressure	279 PSI	(depth) <u>-</u>	Straddle <u>-</u>
(G) Final Shut-In Pressure	1772 PSI	Initial Opening <u>30</u>	Ext. Packer <u>-</u>
(Q) Final Hydrostatic Mud	2175 PSI	Initial Shut-In <u>60</u>	Shale Packer <u>-</u>
		Final Flow <u>60</u>	Ruined Packer <u>-</u>
		Final Shut-In <u>90</u>	Mileage <u>128</u>
		T-On Location <u>13:45</u>	Sub Total: <u>1428</u>
		T-Started <u>14:08</u>	Std. By <u>-</u>
		T-Open <u>16:15</u>	Other <u>-</u>
		T-Pulled <u>20:16</u>	Total: <u>1428</u>
		T-Out <u>22:00</u>	

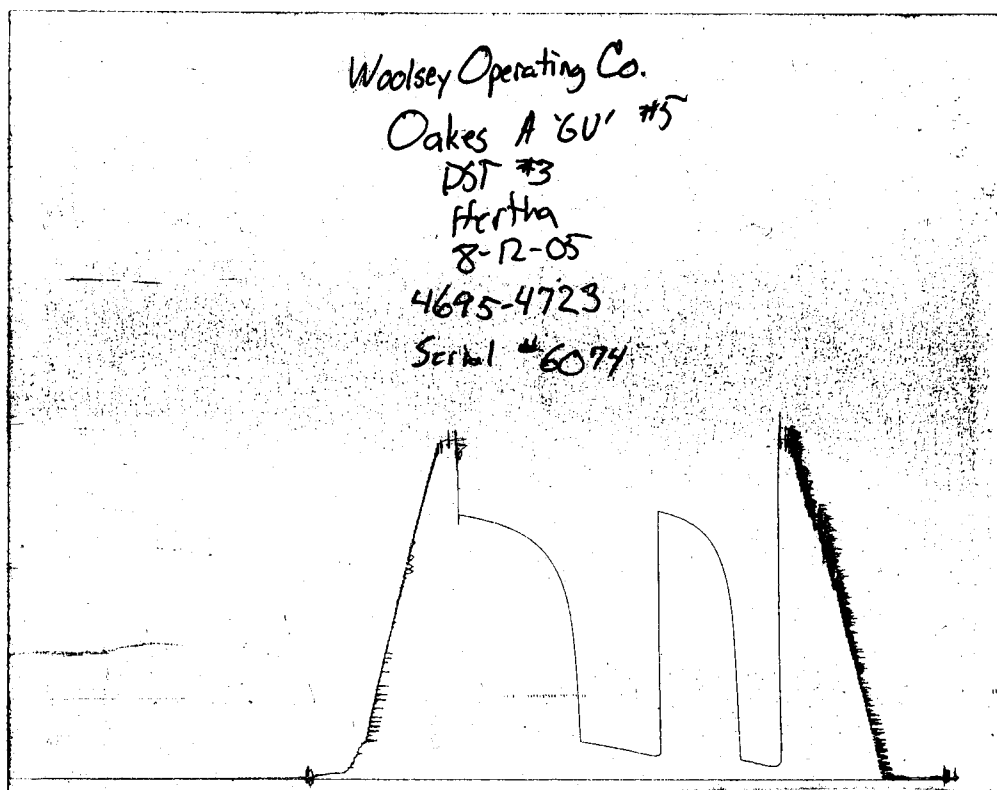
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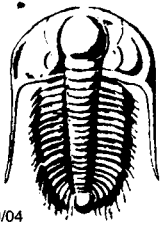
Approved By Michael K. Maune

Our Representative Jacob J. Schenck

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 21734

9/04

Test Ticket

Well Name & No. Oakes A'GV' #5 Test No. 4 Date 8-14-05
 Company Woolsey Operating Company Zone Tested Mississippi
 Address 125 N. Market, Suite 1000, Wichita, KS 67202 Elevation 1818 KB 1808 GL
 Co. Rep / Geo. Mike Maune Cont. Duke Drlg Co. #5 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 5 Twp. 35s Rge. 13w Co. Barber State Kansas
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4820 - 4884 Initial Str Wt./Lbs. 38000 Unseated Str Wt./Lbs. 38000
 Anchor Length 64 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 42000
 Top Packer Depth 4815 Tool Weight 2100
 Bottom Packer Depth 4820 Hole Size 7 7/8" YES Rubber Size 6 3/4" YES
 Total Depth 4884 Wt. Pipe Run NONE Drill Collar Run NONE
 Mud Wt. 9.2 LCM 3 1/2 * Vis. 52 WL 7.2 Drill Pipe Size 4 1/2" XH Ft. Run 4798
 Blow Description IF: Fair blow, BOB 12 1/2 minutes.
IS: Bled off, blowback BOB 20 mins
FF: Strong blow, BOB 8 1/2 minutes.
FSI: Bled off, no blowback.
(Shut in tool leaked during initial shut in period.)

Recovery - Total Feet 20 GIP 930 Ft. in DC NONE Ft. in DP 20
 Rec. 20 Feet of Drlg 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 124 °F Gravity NC °API D @ _____ °F Corrected Gravity _____ °API
 RW NC @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 5000 ppm System

AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2409</u> PSI	<u>6667</u>	<u>1050</u>
(B) First Initial Flow Pressure	<u>141</u> PSI	<u>9821</u>	<u>200</u>
(C) First Final Flow Pressure	<u>110</u> PSI	<u>6074</u>	<u>50</u>
(D) Initial Shut-In Pressure	<u>114</u> PSI	<u>4881</u>	<u>*</u>
(E) Second Initial Flow Pressure	<u>111</u> PSI	_____	_____
(F) Second Final Flow Pressure	<u>108</u> PSI	_____	_____
(G) Final Shut-In Pressure	<u>1213</u> PSI	<u>30</u>	_____
(Q) Final Hydrostatic Mud	<u>2276</u> PSI	<u>60</u>	_____
		<u>60</u>	_____
		<u>120</u>	_____
		<u>01:00</u>	_____
		<u>03:49</u>	_____
		<u>06:04</u>	_____
		<u>10:37</u>	_____
		<u>13:00</u>	_____
		<u>12:00</u>	_____

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Approved By Michael K. Maune
 Our Representative [Signature]

T-On Location 01:00
 T-Started 03:49
 T-Open 06:04
 T-Pulled 10:37
 T-Out 13:00

Test 1050
 Jars 200
 Safety Jt. 50
 Circ Sub NC
 Sampler _____
 Straddle _____
 Ext. Packer _____
 Shale Packer _____
 Ruined Packer _____
 Mileage 128
 Sub Total: 1428
 Std. By 3 hours 90
 Other _____
 Total: 1518

CHART PAGE

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

