

DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Co**

125 N Market Ste 1000
Wichita KS 67202

ATTN: Bill Klaver

8/34 11W Barber KS

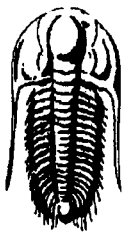
Wiley Trust 'A' #1

Start Date: 2007.05.24 @ 01:35:07

End Date: 2007.05.24 @ 11:07:52

Job Ticket #: 27938 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

125 N Market Ste 1000
Wichita KS 67202

ATTN: Bill Klaver

Wiley Trust 'A' #1

5 34 11W Barber KS

Job Ticket: 27938

DST#: 1

Test Start: 2007.05.24 @ 01:35:07

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:16:22

Time Test Ended: 11:07:52

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Interval: **4485.00 ft (KB) To 4508.00 ft (KB) (TVD)**

Total Depth: 4508.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1402.00 ft (KB)

1392.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6668 Inside

Press@RunDepth: 30.02 psig @ 4485.00 ft (KB)

Start Date: 2007.05.24

End Date:

2007.05.24

Start Time: 01:35:12

End Time:

11:07:52

Capacity: 7000.00 psig

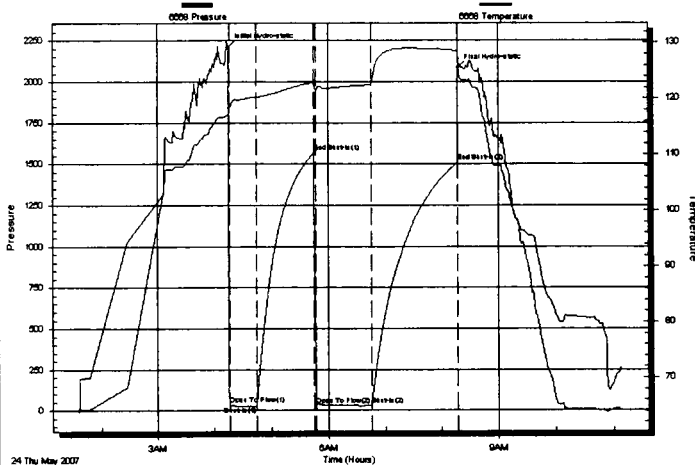
Last Calib.: 2007.05.24

Time On Btm: 2007.05.24 @ 04:15:52

Time Off Btm: 2007.05.24 @ 08:17:21

TEST COMMENT: IF Strong blow BOB in 45 secs.
ISI Bled off No blow back
FF Strong blow BOB immediately GTS in 42 mins. See gas report
FSI Bled off

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2208.70	117.14	Initial Hydro-static
1	37.67	117.98	Open To Flow (1)
29	26.92	120.27	Shut-In (1)
90	1574.33	122.93	End Shut-In (1)
91	33.94	121.29	Open To Flow (2)
149	30.02	122.44	Shut-In (2)
241	1511.73	128.55	End Shut-In (2)
242	2084.28	130.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	Gasy Mud 4%G 96%M	1.05

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	2.00	6.14
Last Gas Rate	0.13	0.00	5.39
Max. Gas Rate	0.13	2.00	6.14



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Operating Co

125 N Market Ste 1000
Wichita KS 67202

ATTN: Bill Klaver

Wiley Trust 'A' #1

5 34 11W Barber KS

Job Ticket: 27938

DST#: 1

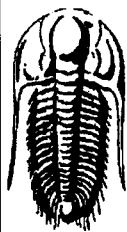
Test Start: 2007.05.24 @ 01:35:07

Tool Information

Drill Pipe:	Length: 4474.00 ft	Diameter: 3.80 inches	Volume: 62.76 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: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: lb
		Total Volume: 62.76 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4485.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	23.00 ft			
Tool Length:	51.00 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			4462.00	
Hydraulic tool	5.00			4467.00	
Jars	5.00			4472.00	
Safety Joint	3.00			4475.00	
Packer	5.00			4480.00	28.00 Bottom Of Top Packer
Packer	5.00			4485.00	
Recorder	0.00	6668	Inside	4485.00	
Perforations	20.00			4505.00	
Recorder	0.00	13266	Outside	4505.00	
Bullnose	3.00			4508.00	23.00 Bottom Packers & Anchor
Total Tool Length:	51.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co

Wiley Trust 'A' #1

125 N Market Ste 1000
Wichita KS 67202

5 34 11W Barber KS

Job Ticket: 27938

DST#: 1

ATTN: Bill Klaver

Test Start: 2007.05.24 @ 01:35:07

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: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 15.15 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	Gasy Mud 4%G 96%M	1.052

Total Length: 75.00 ft Total Volume: 1.052 bbl

Num Fluid Samples: 0

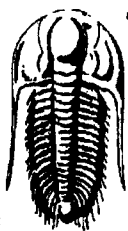
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Woolsey Operating Co

Wiley Trust 'A' #1

125 N Market Ste 1000
Wichita KS 67202

5 34 11W Barber KS

Job Ticket: 27938

DST#: 1

ATTN: Bill Klaver

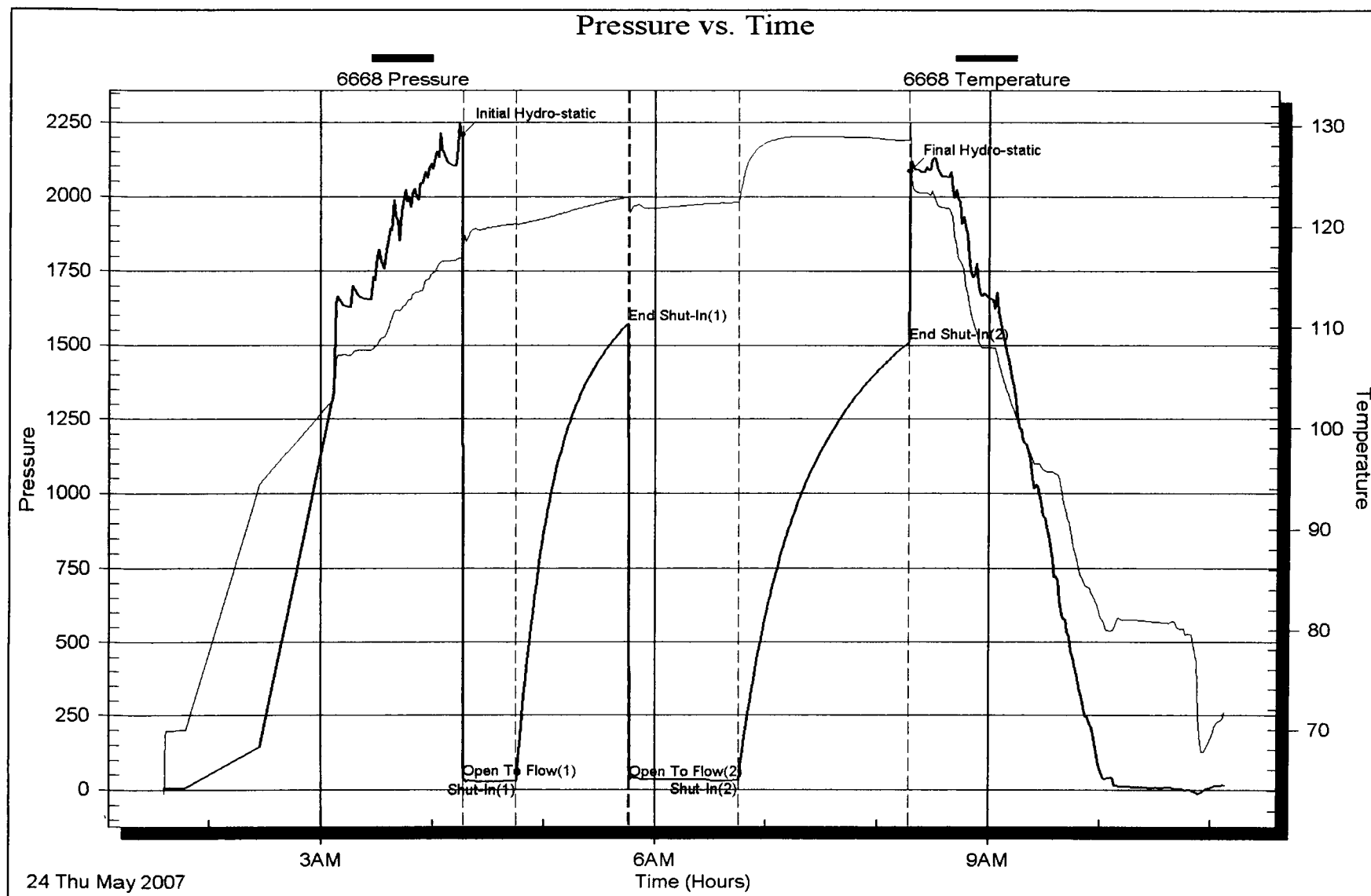
Test Start: 2007.05.24 @ 01:35:07

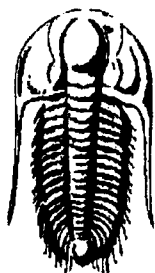
Gas Rates Information

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 (m³/d)
2	42	0.13	2.00	6.14
2	42	0.13	2.00	6.14
2	50	0.13	0.00	5.39





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Co**

125 N Market Ste 1000
Wichita KS 67202

ATTN: Bill Klaver

5 34 11W Barber KS

Wiley Trust 'A' #1

Start Date: 2007.05.25 @ 03:27:13

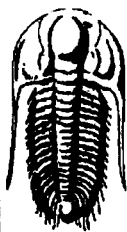
End Date: 2007.05.25 @ 12:54:30

Job Ticket #: 27939 DST #: 2

Trilobite Testing, Inc

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Woolsey Operating Co

125 N Market Ste 1000
Wichita KS 67202

ATTN: Bill Klaver

Wiley Trust 'A' #1

5 34 11W Barber KS

Job Ticket: 27939

DST#: 2

Test Start: 2007.05.25 @ 03:27:13

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:53:01

Time Test Ended: 12:54:30

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Interval: **4578.00 ft (KB) To 4618.00 ft (KB) (TVD)**

Total Depth: 4618.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1402.00 ft (KB)

1392.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: **6668** Inside

Press@RunDepth: 49.86 psig @ 4578.00 ft (KB)

Start Date: 2007.05.25

End Date:

2007.05.25

Start Time: 03:27:18

End Time:

12:54:31

Capacity: 7000.00 psig

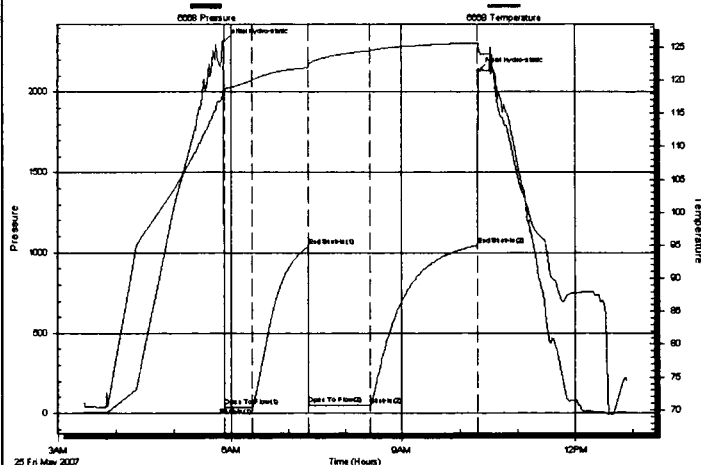
Last Calib.: 2007.05.25

Time On Btm: 2007.05.25 @ 05:52:31

Time Off Btm: 2007.05.25 @ 10:19:16

TEST COMMENT: IF Strong blow BOB in 1 min.
ISI Bled off No blow back
FF Strong blow BOB immediately
FSI Bled off No blow back

Pressure vs. Time



PRESSURE SUMMARY

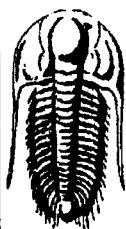
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2309.06	118.51	Initial Hydro-static
1	42.51	118.21	Open To Flow (1)
31	38.21	120.02	Shut-In(1)
89	1037.13	121.90	End Shut-In(1)
90	50.87	122.30	Open To Flow (2)
155	49.86	124.48	Shut-In(2)
267	1044.94	125.62	End Shut-In(2)
267	2128.41	125.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	GWM w/ Scum of Oil 74%M 24%W 2%G 0.14	
60.00	GWM w/ Scum of Oil 66%M 32%W 2%G 0.84	

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Operating Co

125 N Market Ste 1000
Wichita KS 67202

ATTN: Bill Klaver

Wiley Trust 'A' #1

5 34 11W Barber KS

Job Ticket: 27939

DST#: 2

Test Start: 2007.05.25 @ 03:27:13

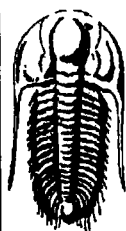
Tool Information

Drill Pipe:	Length: 4566.00 ft	Diameter: 3.80 inches	Volume: 64.05 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: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
			Total Volume: 64.05 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	4578.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	40.00 ft				
Tool Length:	68.00 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			4555.00	
Hydraulic tool	5.00			4560.00	
Jars	5.00			4565.00	
Safety Joint	3.00			4568.00	
Packer	5.00			4573.00	28.00 Bottom Of Top Packer
Packer	5.00			4578.00	
Recorder	0.00	6668	Inside	4578.00	
Perforations	37.00			4615.00	
Recorder	0.00	13266	Outside	4615.00	
Bullnose	3.00			4618.00	40.00 Bottom Packers & Anchor
Total Tool Length:	68.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co

Wiley Trust 'A' #1

125 N Market Ste 1000
Wichita KS 67202

5 34 11W Barber KS

Job Ticket: 27939

DST#: 2

ATTN: Bill Klaver

Test Start: 2007.05.25 @ 03:27:13

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:

26000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 14.35 in³

Gas Cushion Type:

Resistivity: 0.24 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	GWM w/ Scum of Oil 74%M 24%W 2%G	0.140
60.00	GWM w/ Scum of Oil 66%M 32%W 2%G	0.842

Total Length:

70.00 ft

Total Volume:

0.982 bbl

Num Fluid Samples: 0

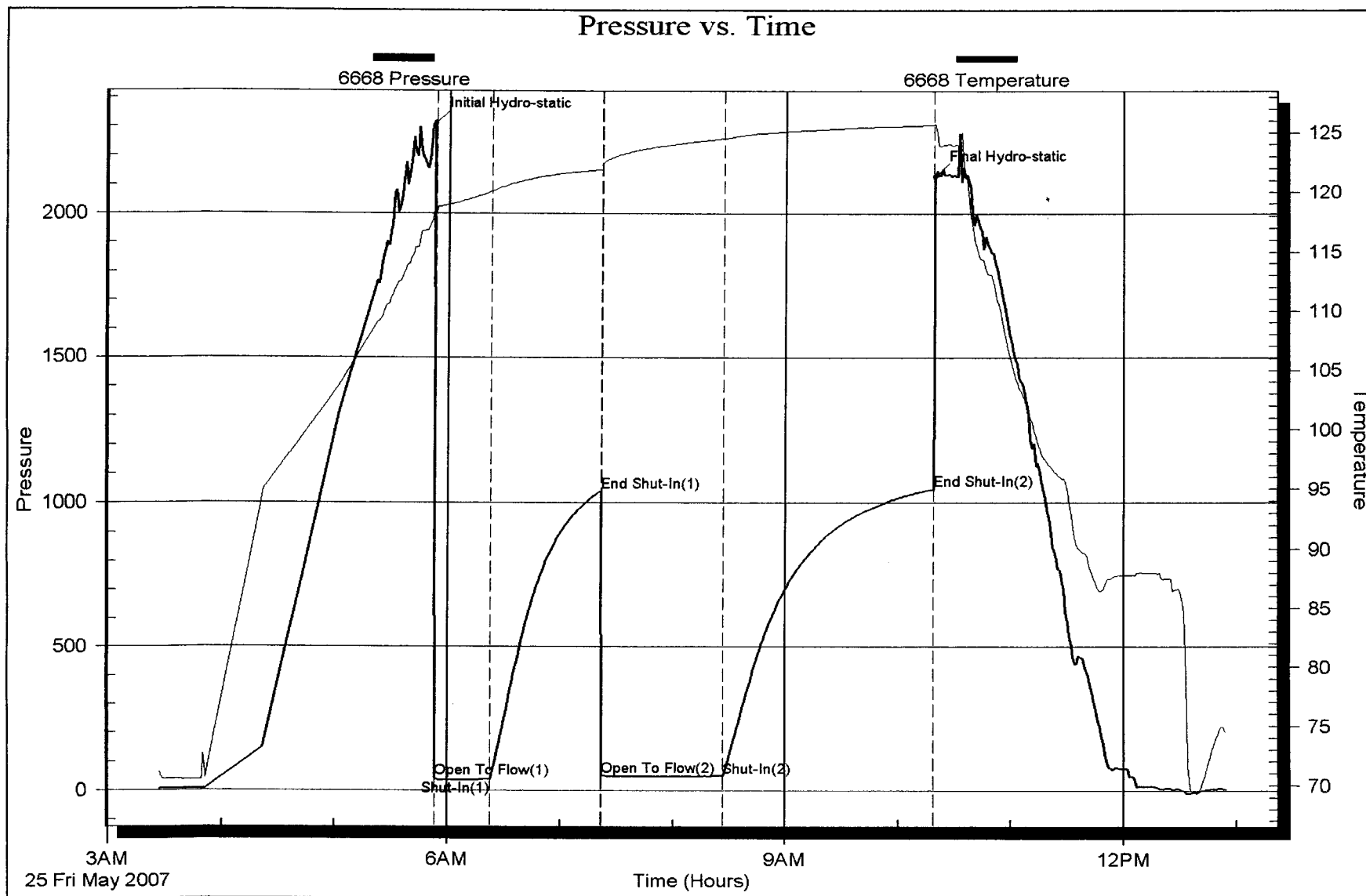
Num Gas Bombs: 0

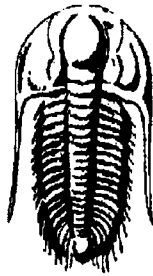
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Co**

125 N Market Ste 1000
Wichita KS 67202

ATTN: Bill Klaver

5 34 11W Barber KS

Wiley Trust 'A' #1

Start Date: 2007.05.25 @ 22:59:42

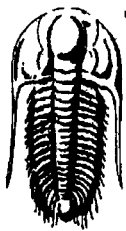
End Date: 2007.05.26 @ 08:45:57

Job Ticket #: 27940 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
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DRILL STEM TEST REPORT

Woolsey Operating Co

125 N Market Ste 1000
Wichita KS 67202

ATTN: Bill Klaver

Wiley Trust 'A' #1

5 34 11W Barber KS

Job Ticket: 27940

DST#: 3

Test Start: 2007.05.25 @ 22:59:42

GENERAL INFORMATION:

Formation: **miss.**

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

Time Tool Opened: 01:23:57

Time Test Ended: 08:45:57

Test Type: **Conventional Bottom Hole**

Tester: **Travy Cushenbery**

Unit No: **30**

Interval: **4618.00 ft (KB) To 4672.00 ft (KB) (TVD)**

Total Depth: **4672.00 ft (KB) (TVD)**

Hole Diameter: **7.80 inches** Hole Condition: **Good**

Reference Elevations: **1402.00 ft (KB)**

1392.00 ft (CF)

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

Serial #: 6668

Inside

Press@RunDepth: **45.05 psig @ 4618.00 ft (KB)**

Start Date: **2007.05.25**

End Date:

2007.05.26

Start Time: **22:59:47**

End Time:

08:45:57

Capacity: **7000.00 psig**

Last Calib.: **2007.05.26**

Time On Btm: **2007.05.26 @ 01:16:27**

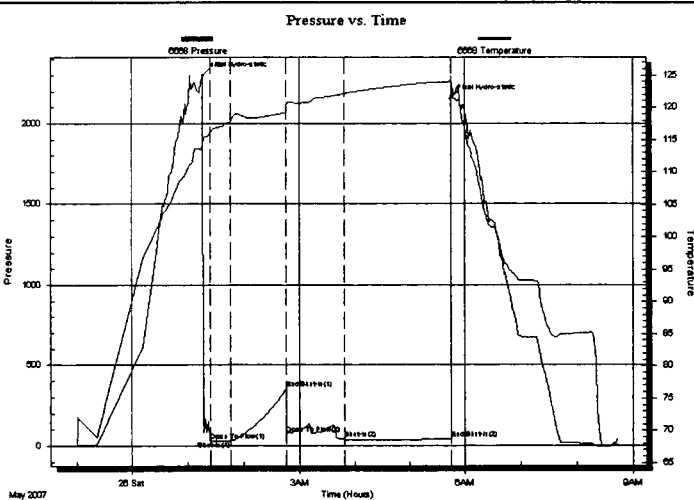
Time Off Btm: **2007.05.26 @ 05:45:41**

TEST COMMENT: IF Weak blow Building to 9" in 30 mins.

ISI Bled off No blow back

FF Weak blow BOB in 52 mins.

FSI Bled off No blow back.



PRESSURE SUMMARY

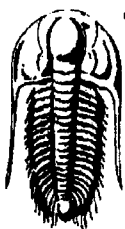
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2296.77	114.08	Initial Hydro-static
8	32.83	116.00	Open To Flow (1)
30	31.18	117.74	Shut-In(1)
90	352.64	119.19	End Shut-In(1)
90	72.54	120.28	Open To Flow (2)
153	45.05	122.11	Shut-In(2)
269	40.31	124.02	End Shut-In(2)
270	2154.85	124.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	Oil Cut Watery Mud 4%O 10%W 86%M	0.70

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Operating Co

125 N Market Ste 1000
Wichita KS 67202

ATTN: Bill Klaver

Wiley Trust 'A' #1

5 34 11W Barber KS

Job Ticket: 27940

DST#: 3

Test Start: 2007.05.25 @ 22:59:42

Tool Information

Drill Pipe:	Length: 4598.00 ft	Diameter: 3.80 inches	Volume: 64.50 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: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: lb
			Total Volume: 64.50 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4618.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.00 ft			
Tool Length:	82.00 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			4595.00	
Hydraulic tool	5.00			4600.00	
Jars	5.00			4605.00	
Safety Joint	3.00			4608.00	
Packer	5.00			4613.00	28.00 Bottom Of Top Packer
Packer	5.00			4618.00	
Recorder	0.00	6668	Inside	4618.00	
Perforations	11.00			4629.00	
Change Over Sub	1.00			4630.00	
Drill Pipe	32.00			4662.00	
Change Over Sub	1.00			4663.00	
Perforations	6.00			4669.00	
Recorder	0.00	13266	Outside	4669.00	
Bullnose	3.00			4672.00	54.00 Bottom Packers & Anchor

Total Tool Length: 82.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co

Wiley Trust 'A' #1

125 N Market Ste 1000
Wichita KS 67202

5 34 11W Barber KS

Job Ticket: 27940

DST#: 3

ATTN: Bill Klaver

Test Start: 2007.05.25 @ 22:59:42

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:

23000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 14.76 in³

Gas Cushion Type:

Resistivity: 0.30 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	Oil Out Watery Mud 4%O 10%W 86%M	0.701

Total Length: 50.00 ft

Total Volume: 0.701 bbl

Num Fluid Samples: 0

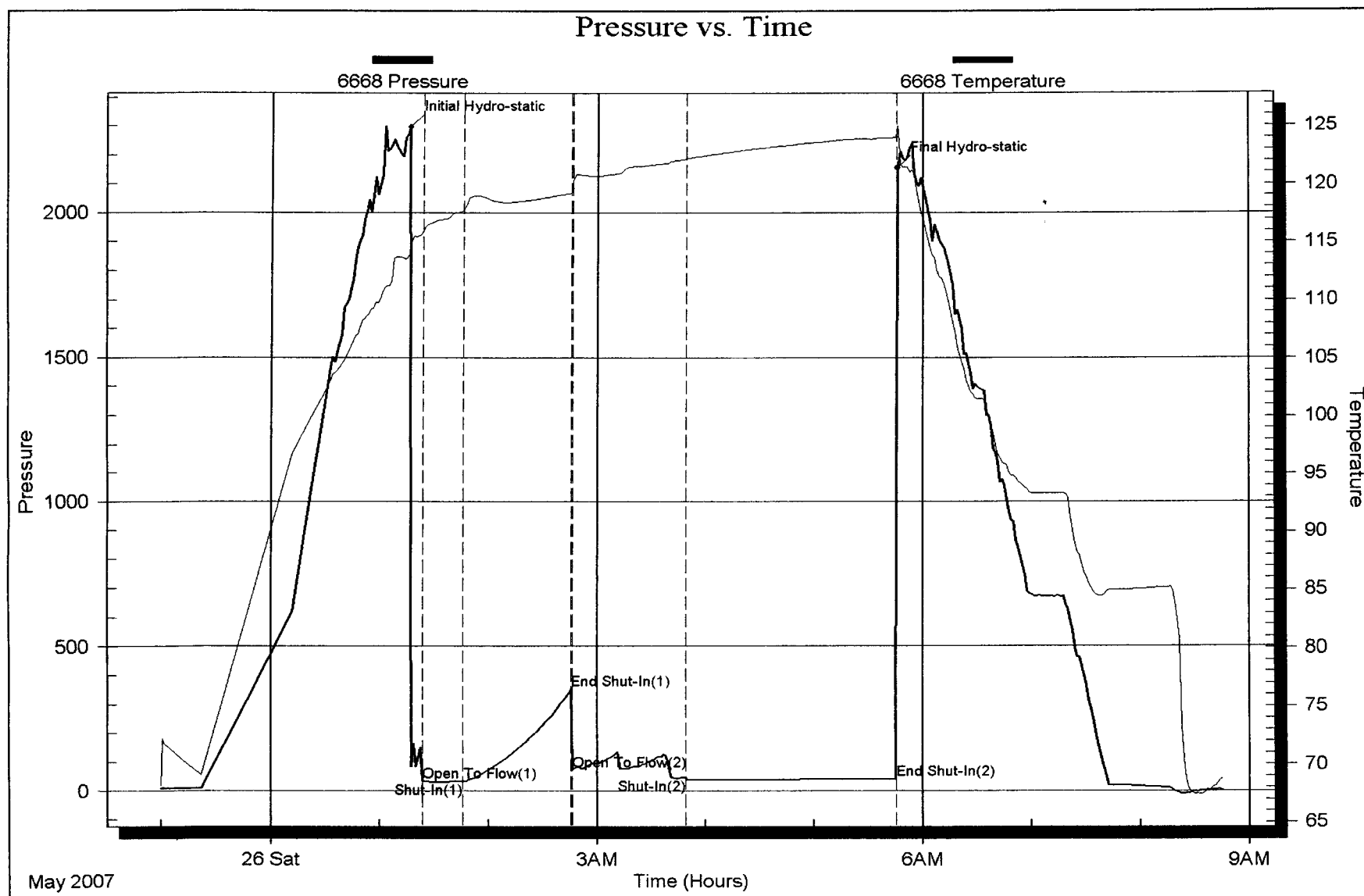
Num Gas Bombs: 0

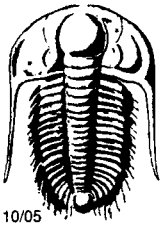
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27938 ✓

10212

Test Ticket

Well Name & No. <u>Wylie Trust "A" #1</u>	Test No. <u>#1</u>	Date <u>5-28-07</u>
Company <u>Woolsey Operating Co.</u>	Zone Tested <u>Pawnee</u>	
Address <u>125 W. Market, Suite 1000 Wichita KS 67202</u>	Elevation <u>1402'</u>	KB <u>1392'</u> GL
Co. Rep / Geo. <u>Bill Klaven</u>	Rig <u>Duke Rig #1</u>	
Location: Sec. <u>5</u> Twp. <u>34S</u> Rge. <u>11W</u>	Co. <u>Baker</u>	State <u>KS</u>
Comment: _____		Release date / time: _____

Interval Tested 4485' - 4508' Initial Str Wt./Lbs. 58,000 Unseated Str Wt./Lbs. 58,000
 Anchor Length 23' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 58,000
 Top Packer Depth 4480' Tool Weight 2,100 lbs
 Bottom Packer Depth 4485' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 4508' Wt. Pipe Run NONE Drill Collar Run NONE
 Mud Wt. 9.2 LCM 0 Vis. 51 WL 15.2 Drill Pipe Size 4 1/2 XH Ft. Run 4474

Blow Description IF: Strong blow. B.O.B. in 45 secs.
ISI: Bleed off. No blow back.
FF: Strong blow. B.O.B. immediately. G.T.S. in 42 mins. See gas report.
FSI: Bleed off. No blow back.

Recovery - Total Feet 75' GIP G.T.S. Ft. in DC — Ft. in DP 75'
 Rec. 75' Feet of Gassy Mud 4 %gas %oil %water 96 %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 129° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 5,000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2,247</u>	PSI	<u>6668</u>	<u>✓ 1200</u>
(B) First Initial Flow Pressure	<u>34</u>	PSI	<u>4485</u>	<u>✓ 250</u>
(C) First Final Flow Pressure	<u>27</u>	PSI	<u>13266</u>	<u>✓ 75</u>
(D) Initial Shut-In Pressure	<u>1,574</u>	PSI	<u>4505'</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>34</u>	PSI	<u>—</u>	Sampler _____
(F) Second Final Flow Pressure	<u>30</u>	PSI	<u>—</u>	Straddle _____
(G) Final Shut-In Pressure	<u>1,512</u>	PSI	<u>30 mins</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2,129</u>	PSI	<u>60 mins</u>	Shale Packer _____

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Approved By Bill Klaven

Our Representative Travis Cushman

Final Flow mins
 Final Shut-In mins
 T-On Location 00:10
 T-Started 01:34
 T-Open 04:17
 T-Pulled 08:17
 T-Out 11:07

Ruined Packer 40,00
 Mileage ✓ 28 miles
 Sub Total: _____
 Std. By ✓ 2 hrs 100
 Acc. Chg: _____
 Other: \$1735
 Total: _____



GAS VOLUME REPORT

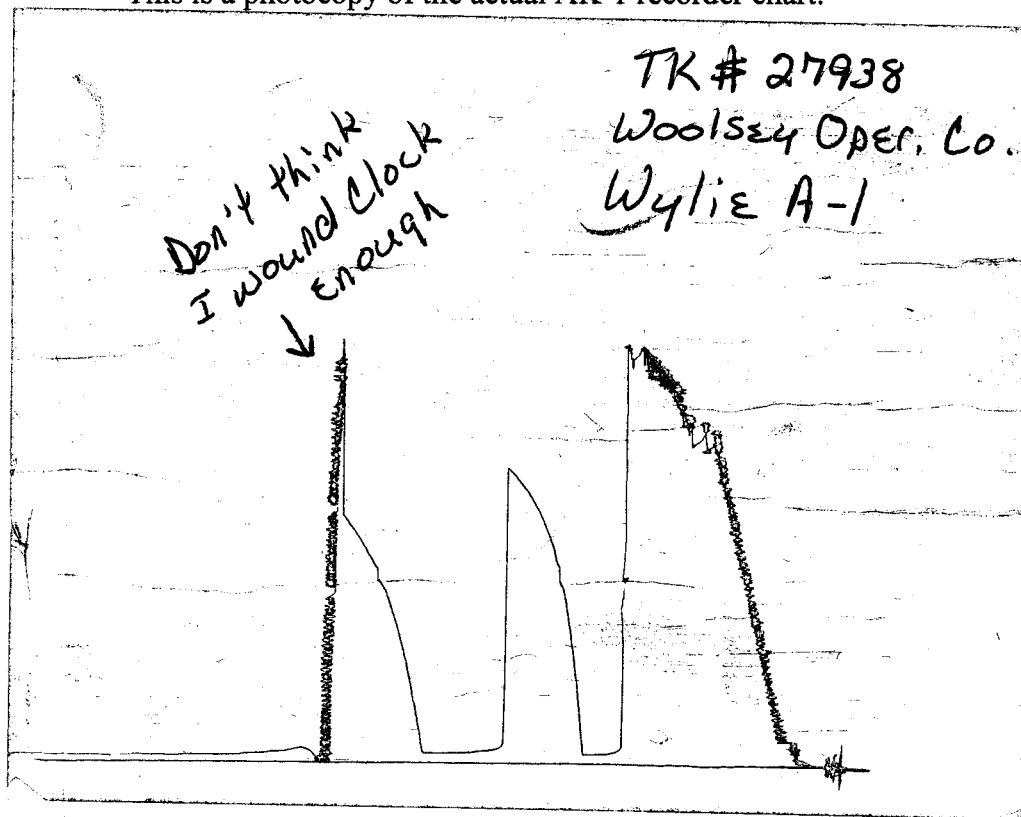
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DST NO.

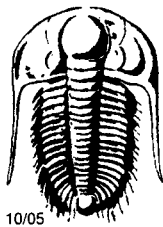
ATMS 2000 FF: Field Report

Remarks:

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27939

Test Ticket

Well Name & No. <u>Wylie A-1</u>	Test No. <u>#2</u>	Date <u>5-25-07</u>
Company <u>Woolsey Oper. Co.</u>	Zone Tested <u>Miss.</u>	
Address <u>125 N. Market Suite 1000 Wichita KS 67202</u>	Elevation <u>1402'</u>	KB <u>1392'</u> GL
Co. Rep / Geo. <u>Bill Klauer</u>	Rig <u>Duke Rig 1</u>	
Location: Sec. <u>5</u> Twp. <u>34s</u> Rge. <u>11w</u>	Co. <u>Baker</u>	State <u>KS</u>
Comment: _____		Release date / time: _____

Interval Tested 4578' - 4618' Initial Str Wt./Lbs. 60,000 Unseated Str Wt./Lbs. 60,000
 Anchor Length 40' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth 4573' Tool Weight 2,100 lbs.
 Bottom Packer Depth 4578' Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4618' Wt. Pipe Run NONE Drill Collar Run NONE
 Mud Wt. 9.1 LCM 0 Vis. 44 WL 14.4 Drill Pipe Size 4 1/2 XH Ft. Run 4566'

Blow Description IF: Strong blow. B.O.B. in 1 min.

IST: Bled off. No blow back.

FF: Strong blow. B.O.B. immediately.

FSI: Bled off. No blow back.

Recovery - Total Feet 70' GIP _____ Ft. in DC _____ Ft. in DP 70'
 Rec. 10' Feet of Gray Watery Mud w/ scum 2 %gas 0 %oil 84 %water 74 %mud
 Rec. 60' Feet of Gray Watery Mud w/ 2 %gas %oil 32 %water 66 %mud
 Rec. _____ Feet of scum of oil %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 126 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .24 @ 74 °F Chlorides _____ ppm Recovery 26,000 Chlorides 7,000 ppm System

AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>2,306</u> PSI	Recorder No. <u>6668</u>	Test <u>✓</u> <u>1200</u>
(B) First Initial Flow Pressure	<u>43</u> PSI	(depth) <u>4578'</u>	Jars <u>✓</u> <u>250</u>
(C) First Final Flow Pressure	<u>38</u> PSI	Recorder No. <u>13266</u>	Safety Jt. <u>✓</u> <u>75</u>
(D) Initial Shut-In Pressure	<u>1,037</u> PSI	(depth) <u>4615'</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>51</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>50</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1,045</u> PSI	Initial Opening <u>30 mins</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2,169</u> PSI	Initial Shut-In <u>60 mins</u>	Shale Packer _____
		Final Flow <u>60 mins</u>	Ruined Packer <u>110</u>
		Final Shut-In <u>120 mins</u>	Mileage <u>✓ 88 miles</u>
		T-On Location <u>02:00</u>	Sub Total: _____
		T-Started <u>03:27</u>	Std. By <u>1/2</u> <u>50</u>
		T-Open <u>05:32</u>	Acc. Chg: _____
		T-Pulled <u>10:02</u>	Other: _____
		T-Out <u>12:32</u>	Total: <u>\$1685</u>

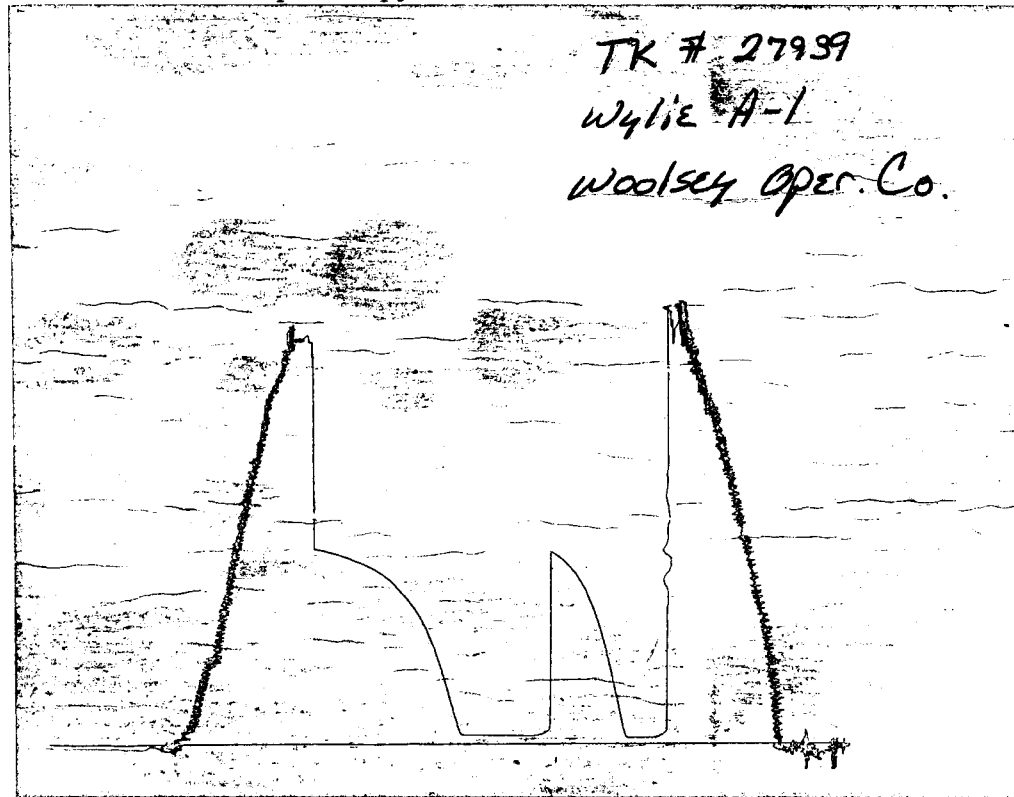
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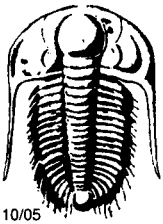
Approved By

Our Representative

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27940

Test Ticket

Well Name & No. Wylie A-1 Test No. #3 Date 5-26-07
 Company Woolsey Oper. Co. Zone Tested _____
 Address 125 W. Market Suite 1000 Wichita KS 67202 Elevation 1402' KB 1392' GL
 Co. Rep / Geo. Bill Klaver Rig Duke Rig #1
 Location: Sec. 5 Twp. 34S Rge. 11W Co. Baker State KS
 Comment: _____ Release date / time: _____

Interval Tested 4618' - 4672' Initial Str Wt./Lbs. 60,000 Unseated Str Wt./Lbs. 60,000
 Anchor Length 54' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 64,000
 Top Packer Depth 4613' Tool Weight 2,100 lbs
 Bottom Packer Depth 4618' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 4672' Wt. Pipe Run NONE Drill Collar Run NONE
 Mud Wt. 9.2 LCM 0 Vis. 60 WL 14.8 Drill Pipe Size 4 1/2 XH Ft. Run 4598

Blow Description IF: Weak blow. Building to 9" in 30 mins

ISI: Bleed off. No blow back.

FF: Weak blow. O.O.B. in 52 mins.

FSI: Bleed off. No blow back.

Recovery - Total Feet 50 GIP — Ft. in DC — Ft. in DP 50
 Rec. 50 Feet of Oil Cut Water, Red 0 %gas 4 %oil 10 %water 86 %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 _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .30 @ 67 °F Chlorides _____ ppm Recovery 23,000 Chlorides 8,000 ppm System

(A) Initial Hydrostatic Mud	<u>2,305</u> PSI	Recorder No.	<u>6668</u>	Test	<u>✓</u> <u>1200</u>
(B) First Initial Flow Pressure	<u>33</u> PSI	(depth)	<u>4618'</u>	Jars	<u>✓</u> <u>250</u>
(C) First Final Flow Pressure	<u>31</u> PSI	Recorder No.	<u>13266</u>	Safety Jt.	<u>✓</u> <u>75</u>
(D) Initial Shut-In Pressure	<u>353</u> PSI	(depth)	<u>4670'</u>	Circ Sub	_____
(E) Second Initial Flow Pressure	<u>73</u> PSI	Recorder No.	<u>—</u>	Sampler	_____
(F) Second Final Flow Pressure	<u>45</u> PSI	(depth)	<u>—</u>	Straddle	_____
(G) Final Shut-In Pressure	<u>40</u> PSI	Initial Opening	<u>30 mins</u>	Ext. Packer	_____
(Q) Final Hydrostatic Mud	<u>2,229</u> PSI	Initial Shut-In	<u>60 mins</u>	Shale Packer	_____
		Final Flow	<u>60 mins</u>	Ruined Packer	<u>110</u>
		Final Shut-In	<u>120 mins</u>	Mileage	<u>✓</u> <u>58 miles</u>

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Approved By Bill Klaver
 Our Representative Tracy Lusk

T-On Location 21:45
 T-Started 22:59
 T-Open 01:18
 T-Pulled 05:48
 T-Out 08:45

Sub Total: _____
 Std. By ✓ 100
 Acc. Chg: _____
 Other: _____
 Total: \$1735

CHART PAGE

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

