



DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Company Inc**

250 N Water Ste 300
Wichita KS 67202

ATTN: Paul Gunzelman

29 2 41 Cheyenne KS

Ellen 1-29

Start Date: 2006.08.24 @ 01:47:49

End Date: 2006.08.24 @ 10:36:47

Job Ticket #: 25682 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

Murfin Drilling Company Inc

250 N Water Ste 300
Wichita KS 67202

ATTN: Paul Gunzelman

Ellen 1-29

29 2 41 Cheyenne KS

Job Ticket: 25682

DST#: 1

Test Start: 2006.08.24 @ 01:47:49

GENERAL INFORMATION:

Formation: **Lansing, A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:28:17

Time Test Ended: 10:36:47

Test Type: Conventional Bottom Hole

Tester: Michael Shinn

Unit No: 18

Interval: **4504.00 ft (KB) To 4576.00 ft (KB) (TVD)**

Total Depth: 4576.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 3675.00 ft (KB)

3670.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6672 Inside

Press@RunDepth: 82.19 psig @ 4524.00 ft (KB)

Start Date: 2006.08.24

End Date:

2006.08.24

Start Time: 01:47:49

End Time:

10:36:47

Capacity: 7000.00 psig

Last Calib.: 2006.08.24

Time On Btm: 2006.08.24 @ 04:27:17

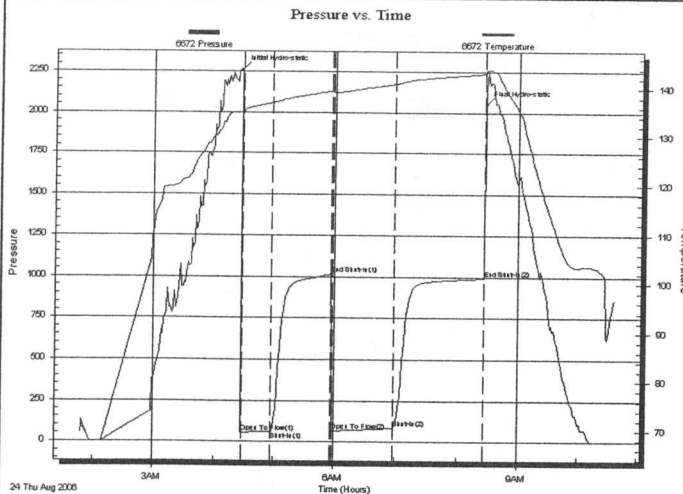
Time Off Btm: 2006.08.24 @ 08:27:32

TEST COMMENT: IF Return blow to 2 1/2 in.

IS No return

FF Return blow to 1/2 in.

ISI No return until 20 blow to 1/4 in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2263.15	135.18	Initial Hydro-static
1	51.28	135.09	Open To Flow (1)
30	60.34	137.01	Shut-In(1)
89	1015.12	139.42	End Shut-In(1)
91	65.95	139.15	Open To Flow (2)
151	82.19	140.90	Shut-In(2)
240	994.38	143.09	End Shut-In(2)
241	2052.23	143.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	OcM 20%O 80%M	0.59
15.00	Free Oil	0.07
60.00	Gas	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Company Inc

Ellen 1-29

250 N Water Ste 300
Wichita KS 67202

29 2 41 Cheyenne KS

Job Ticket: 25682

DST#: 1

ATTN: Paul Gunzelman

Test Start: 2006.08.24 @ 01:47:49

Tool Information

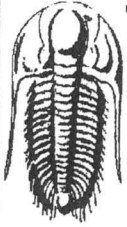
Drill Pipe:	Length: 3974.00 ft	Diameter: 3.80 inches	Volume: 55.74 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 523.00 ft	Diameter: 2.25 inches	Volume: 2.57 bbl	Weight to Pull Loose: 120000.0 lb
			<u>Total Volume: 58.31 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 90000.00 lb
Depth to Top Packer:	4504.00 ft			Final 92000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	73.00 ft			
Tool Length:	95.00 ft			
Number of Packers:	3	Diameter: inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4487.00	
Hydraulic tool	5.00			4492.00	
Safety Joint	2.00			4494.00	
Packer	5.00			4499.00	22.00 Bottom Of Top Packer
Packer	5.00			4504.00	
Packer - Shale	4.00			4508.00	
Stubb	1.00			4509.00	
Perforations	14.00			4523.00	
Change Over Sub	1.00			4524.00	
Recorder	0.00	6672	Inside	4524.00	
Drill Pipe	31.00			4555.00	
Change Over Sub	1.00			4556.00	
Recorder	0.00	11020	Inside	4556.00	
Perforations	16.00			4572.00	
Bullnose	5.00			4577.00	73.00 Bottom Packers & Anchor

Total Tool Length: 95.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company Inc

Ellen 1-29

250 N Water Ste 300
Wichita KS 67202

29 2 41 Cheyenne KS

Job Ticket: 25682

DST#: 1

ATTN: Paul Gunzelman

Test Start: 2006.08.24 @ 01:47:49

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 53.00 sec/qt

Water Loss: 6.37 in³

Resistivity: 0.00 ohm.m

Salinity: 800.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	OcM 20%O 80%M	0.590
15.00	Free Oil	0.074
60.00	Gas	0.295

Total Length: 195.00 ft Total Volume: 0.959 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

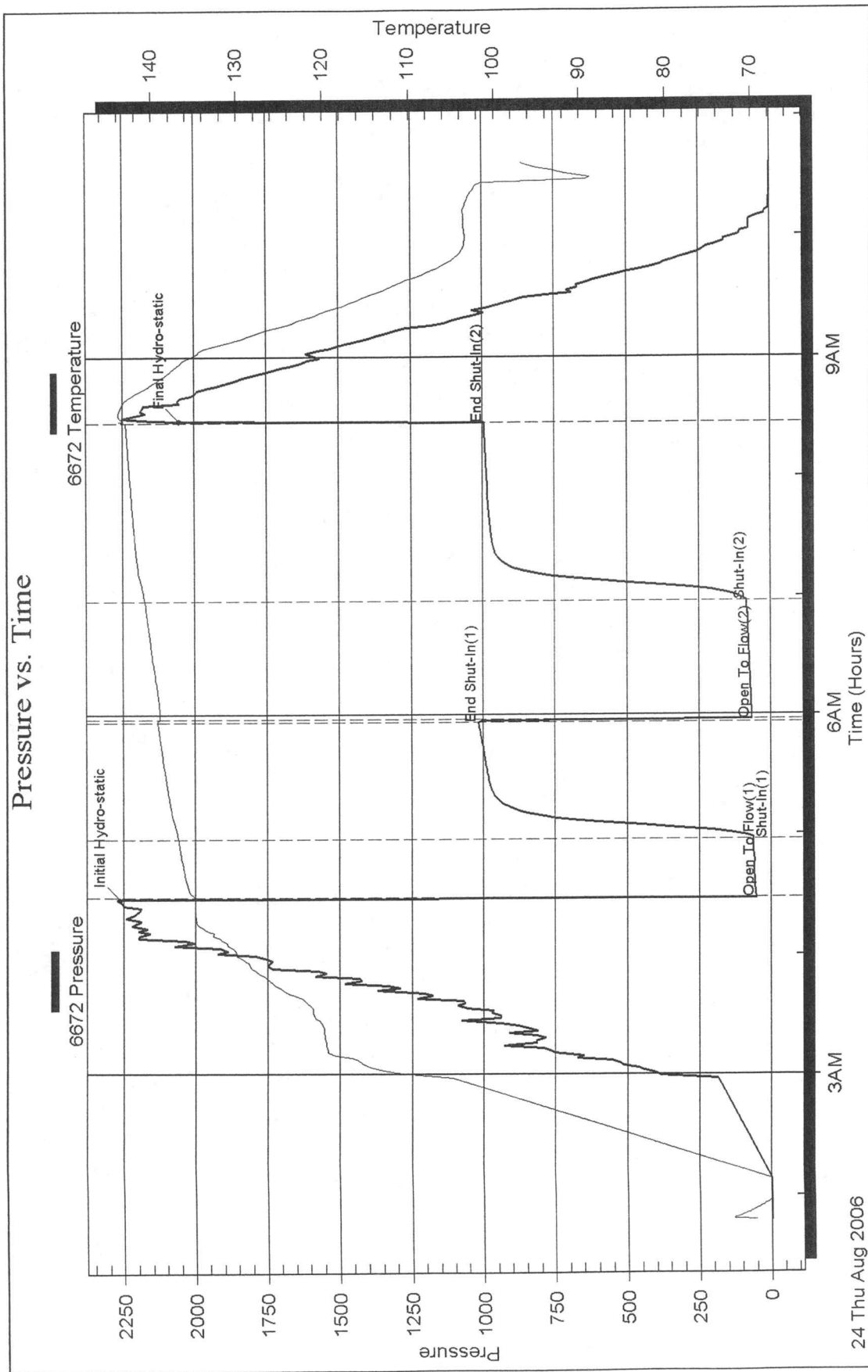
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Company Inc**

250 N Water Ste 300
Wichita KS 67202

ATTN: Paul Gunzelman

29 2 41 Cheyenne KS

Ellen 1-29

Start Date: 2006.08.24 @ 21:29:48

End Date: 2006.08.25 @ 04:39:31

Job Ticket #: 25683 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Murfin Drilling Company Inc

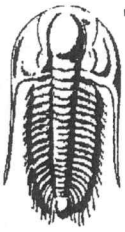
Ellen 1-29

29 2 41 Cheyenne KS

DST # 2

Lansing, D

2006.08.24



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Company Inc

250 N Water Ste 300
Wichita KS 67202

ATTN: Paul Gunzelman

Ellen 1-29

29 2 41 Cheyenne KS

Job Ticket: 25683

DST#: 2

Test Start: 2006.08.24 @ 21:29:48

GENERAL INFORMATION:

Formation: **Lansing, D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:39:31

Time Test Ended: 04:39:31

Test Type: Conventional Bottom Hole

Tester: Michael

Unit No: 18

Interval: **4570.00 ft (KB) To 4634.00 ft (KB) (TVD)**

Total Depth: 4634.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 3675.00 ft (KB)

3670.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6672 Inside

Press@RunDepth: 30.48 psig @ 4586.00 ft (KB)

Start Date: 2006.08.24

End Date: 2006.08.25

Start Time: 21:29:48

End Time: 04:39:31

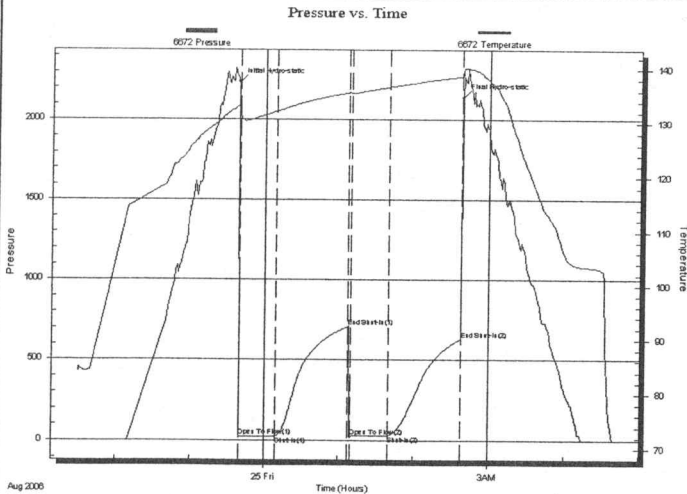
Capacity: 7000.00 psig

Last Calib.: 2006.08.25

Time On Btm: 2006.08.24 @ 23:38:31

Time Off Btm: 2006.08.25 @ 02:38:46

TEST COMMENT: IF Return blow to 1/4 in.
IS No return
FF No return blow
ISI No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2232.22	133.24	Initial Hydro-static
1	24.01	131.57	Open To Flow (1)
31	26.25	132.26	Shut-In(1)
89	707.24	135.67	End Shut-In(1)
91	26.74	135.50	Open To Flow (2)
122	30.48	136.68	Shut-In(2)
180	627.90	138.66	End Shut-In(2)
181	2139.87	139.11	Final Hydro-static

Recovery

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

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Company Inc

Ellen 1-29

250 N Water Ste 300
Wichita KS 67202

29 2 41 Cheyenne KS

Job Ticket: 25683

DST#: 2

ATTN: Paul Gunzelman

Test Start: 2006.08.24 @ 21:29:48

Tool Information

Drill Pipe:	Length: 4042.00 ft	Diameter: 3.80 inches	Volume: 56.70 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 523.00 ft	Diameter: 2.25 inches	Volume: 2.57 bbl	Weight to Pull Loose: 110000.0 lb
			<u>Total Volume: 59.27 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 90000.00 lb
Depth to Top Packer:	4570.00 ft			Final 90000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	86.00 ft			
Number of Packers:	3	Diameter: inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4553.00	
Hydraulic tool	5.00			4558.00	
Safety Joint	2.00			4560.00	
Packer	5.00			4565.00	22.00 Bottom Of Top Packer
Packer	5.00			4570.00	
Packer - Shale	4.00			4574.00	
Stubb	1.00			4575.00	
Perforations	10.00			4585.00	
Change Over Sub	1.00			4586.00	
Recorder	0.00	6672	Inside	4586.00	
Drill Pipe	31.00			4617.00	
Change Over Sub	1.00			4618.00	
Recorder	0.00	11020	Inside	4618.00	
Perforations	11.00			4629.00	
Bullnose	5.00			4634.00	64.00 Bottom Packers & Anchor
Total Tool Length:		86.00			



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DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company Inc

Ellen 1-29

250 N Water Ste 300
Wichita KS 67202

29 2 41 Cheyenne KS

Job Ticket: 25683

DST#: 2

ATTN: Paul Gunzelman

Test Start: 2006.08.24 @ 21:29:48

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: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100%M	0.025

Total Length:

5.00 ft

Total Volume:

0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

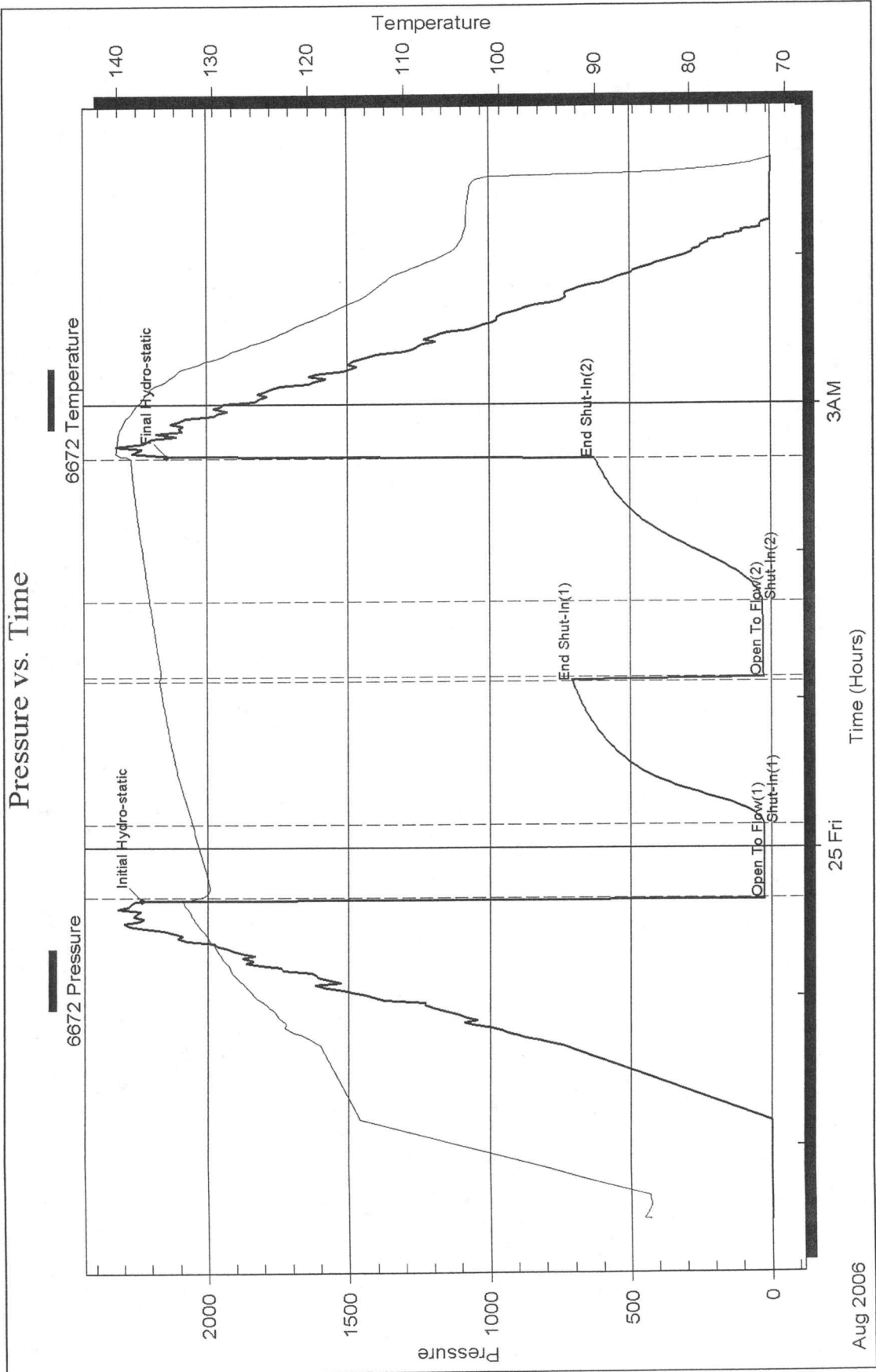
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Company Inc**

250 N Water Ste 300
Wichita KS 67202

ATTN: Paul Gunzelman

29 2 41 Cheyenne KS

Ellen 1-29

Start Date: 2006.08.25 @ 22:48:33

End Date: 2006.08.26 @ 07:21:01

Job Ticket #: 25684 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Murfin Drilling Company Inc

Ellen 1-29

29 2 41 Cheyenne KS

DST # 3

Kansas City, J

2006.08.25



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Company Inc

Ellen 1-29

250 N Water Ste 300
Wichita KS 67202

29 2 41 Cheyenne KS

ATTN: Paul Gunzelman

Job Ticket: 25684

DST#: 3

Test Start: 2006.08.25 @ 22:48:33

GENERAL INFORMATION:

Formation: **Kansas City, J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:03:46
 Time Test Ended: 07:21:01

Test Type: Conventional Bottom Hole
 Tester: Michael
 Unit No: 18

Interval: **4728.00 ft (KB) To 4778.00 ft (KB) (TVD)**
 Total Depth: 4778.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 3675.00 ft (KB)
 3670.00 ft (CF)
 KB to GR/CF: 5.00 ft

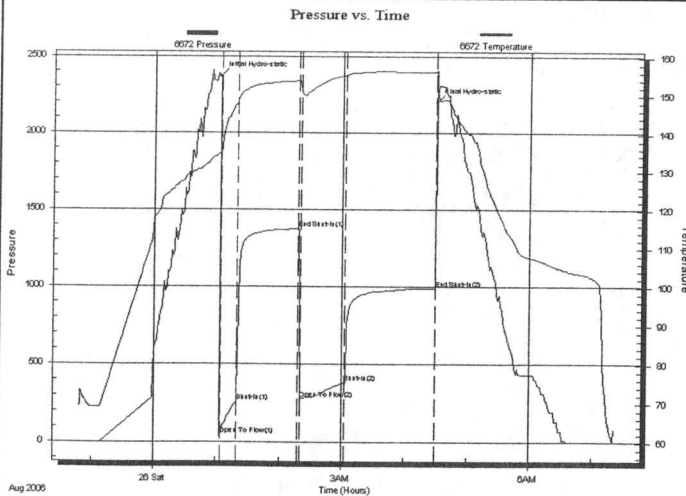
Serial #: 6672

Inside

Press@RunDepth: 381.89 psig @ 4739.00 ft (KB)
 Start Date: 2006.08.25 End Date: 2006.08.26
 Start Time: 22:48:33 End Time: 07:21:01

Capacity: 7000.00 psig
 Last Calib.: 2006.08.26
 Time On Btm: 2006.08.26 @ 01:03:01
 Time Off Btm: 2006.08.26 @ 04:30:16

TEST COMMENT: IF BOB in 10 min.
 IS No return
 FF BOB in 16 min.
 ISI Return blow to 2 1/2 in.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2371.19	134.86	Initial Hydro-static
1	43.31	134.85	Open To Flow (1)
17	258.73	148.34	Shut-In(1)
75	1375.37	153.84	End Shut-In(1)
77	275.08	151.48	Open To Flow (2)
120	381.89	155.24	Shut-In(2)
207	989.19	156.20	End Shut-In(2)
208	2199.55	156.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
360.00	McO 70%M 30%O	1.77
360.00	OcM 70%O 30%M	3.56
180.00	Free Oil	2.52
120.00	Gas	1.68

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Company Inc

Ellen 1-29

250 N Water Ste 300
Wichita KS 67202

29 2 41 Cheyenne KS

Job Ticket: 25684

DST#: 3

ATTN: Paul Gunzelman

Test Start: 2006.08.25 @ 22:48:33

Tool Information

Drill Pipe:	Length: 4192.00 ft	Diameter: 3.80 inches	Volume: 58.80 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 523.00 ft	Diameter: 2.25 inches	Volume: 2.57 bbl	Weight to Pull Loose: 120000.0 lb
			<u>Total Volume: 61.37 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 90000.00 lb
Depth to Top Packer:	4728.00 ft			Final 96000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	72.00 ft			
Number of Packers:	3	Diameter: inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4711.00	
Hydraulic tool	5.00			4716.00	
Safety Joint	2.00			4718.00	
Packer	5.00			4723.00	22.00 Bottom Of Top Packer
Packer	5.00			4728.00	
Packer - Shale	4.00			4732.00	
Stubb	1.00			4733.00	
Perforations	5.00			4738.00	
Change Over Sub	1.00			4739.00	
Recorder	0.00	6672	Inside	4739.00	
Drill Pipe	31.00			4770.00	
Change Over Sub	1.00			4771.00	
Recorder	0.00	11020	Inside	4771.00	
Perforations	2.00			4773.00	
Bullnose	5.00			4778.00	50.00 Bottom Packers & Anchor

Total Tool Length: 72.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company Inc

Ellen 1-29

250 N Water Ste 300
Wichita KS 67202

29 2 41 Cheyenne KS

Job Ticket: 25684

DST#: 3

ATTN: Paul Gunzelman

Test Start: 2006.08.25 @ 22:48:33

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: 61.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
360.00	McO 70%M 30%O	1.770
360.00	OcM 70%O 30%M	3.565
180.00	Free Oil	2.525
120.00	Gas	1.683

Total Length: 1020.00 ft

Total Volume: 9.543 bbf

Num Fluid Samples: 0

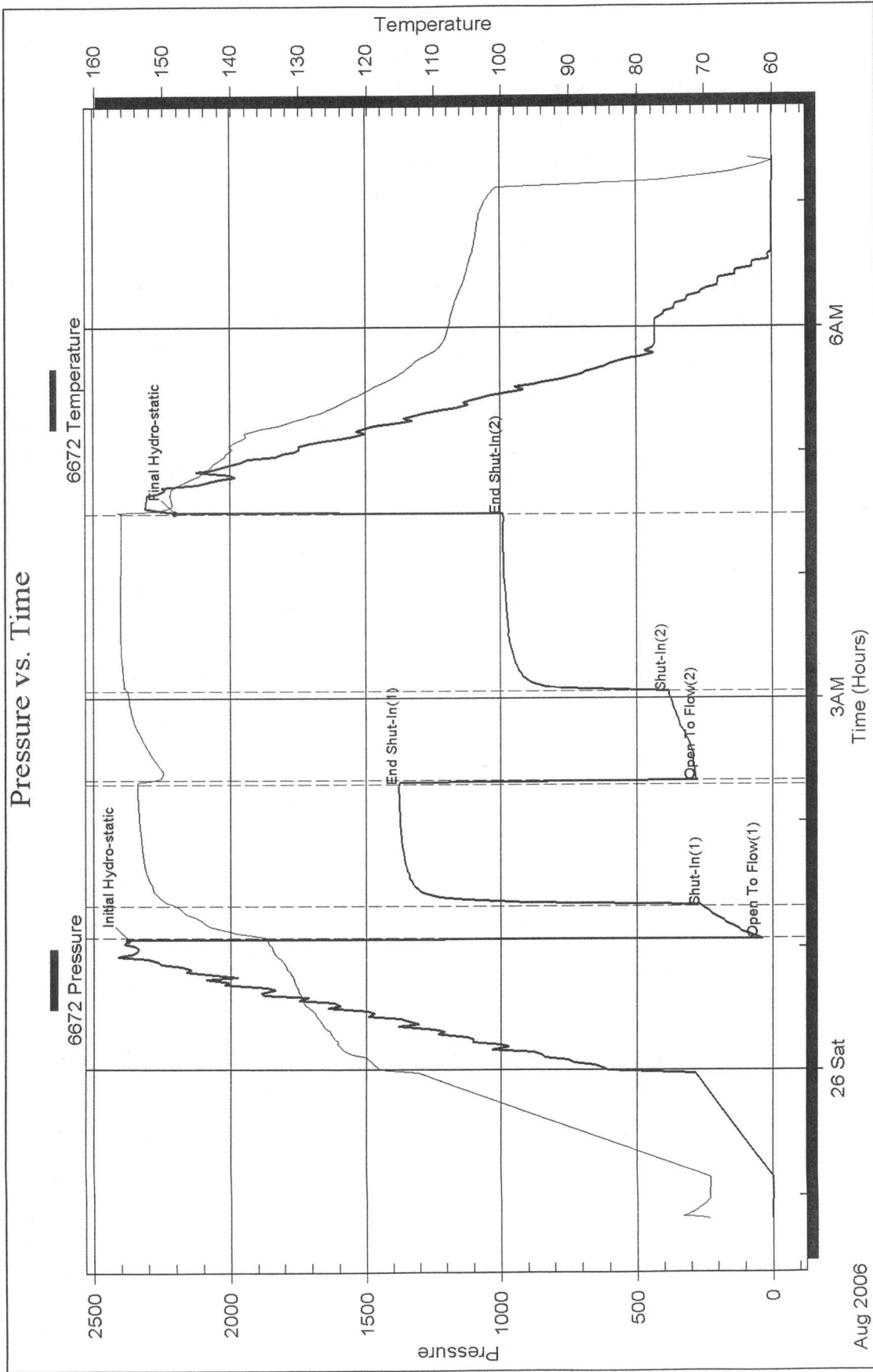
Num Gas Bombs: 0

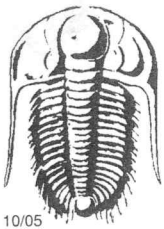
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

9175

25682

Test Ticket

Well Name & No. Ellen 1-29 Test No. 1 Date 8-24-06
 Company Martin Drilling Company, Inc. Zone Tested Lansing, A
 Address 250 N. Water Suite 300, Wichita, KS 67202 Elevation 3675 KB 3670 GL
 Co. Rep / Geo. Paul Gundrum Rig Martin Rg #3
 Location: Sec. 29 Twp. 25 Rge. 4W Co. Cheyenne State KS
 Comment: _____ Release date / time: _____

Interval Tested 4504' 4576' Initial Str Wt./Lbs. 90000 Unseated Str Wt./Lbs. 92,000
 Anchor Length 72' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 120,000
 Top Packer Depth 4499' Tool Weight 1500
 Bottom Packer Depth 4504' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 4576' Wt. Pipe Run ✓ Drill Collar Run 523'
 Mud Wt. 9.2 LCM Trace Vis. 53 WL 6.4 Drill Pipe Size 4 1/2 x 4 Ft. Run 3974'

Blow Description 5F; Return blow to 2 1/2 in.
IS; No Return
FK; Return blow to 1/2 in.
ISF; No Return, Unkill 20 min, blow to 1/2 in.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>135</u>	<u>60</u>		
Rec. <u>15'</u>	Feet of <u>Flow OK</u>	%gas <u>100</u> %oil	%water %mud
Rec. <u>120</u>	Feet of <u>OK</u>	%gas <u>20</u> %oil	%water <u>80</u> %mud
Rec. _____	Feet of _____	%gas _____ %oil	%water _____ %mud
Rec. _____	Feet of _____	%gas _____ %oil	%water _____ %mud
Rec. _____	Feet of _____	%gas _____ %oil	%water _____ %mud
BHT <u>143</u>	°F Gravity <u>31</u>	°API D @ <u>100</u>	°F Corrected Gravity <u>27</u> °API
RW _____ @ _____ °F	Chlorides _____ ppm	Recovery _____	Chlorides <u>800</u> ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>2260</u> PSI	<u>6672</u>	<u>X \$1200.00</u>
(B) First Initial Flow Pressure		<u>51</u> PSI	(depth) <u>4501'</u>	Jars _____
(C) First Final Flow Pressure		<u>60</u> PSI	Recorder No. _____	Safety Jt. <u>X \$75.00</u>
(D) Initial Shut-In Pressure		<u>1015</u> PSI	(depth) _____	Circ Sub <u>X N/C</u>
(E) Second Initial Flow Pressure		<u>66</u> PSI	Recorder No. <u>11020</u>	Sampler _____
(F) Second Final Flow Pressure		<u>82</u> PSI	(depth) <u>4571'</u>	Straddle _____
(G) Final Shut-In Pressure		<u>994</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>2220</u> PSI	Initial Shut-In <u>60</u>	Shale Packer <u>X \$200.00</u>
			Final Flow <u>60</u>	Ruined Packer <u>X \$250.00</u>
			Final Shut-In <u>90</u>	Mileage <u>X 330 330</u>

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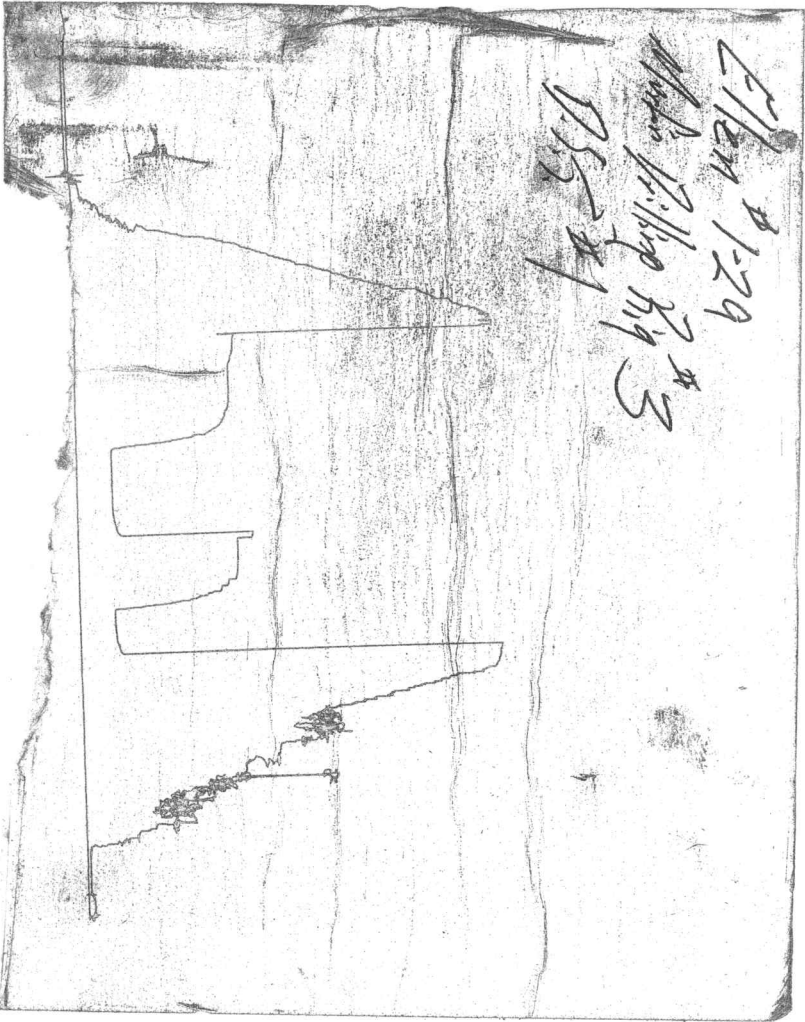
Approved By Paul Gundrum
 Our Representative [Signature]

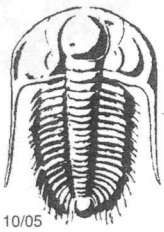
T-On Location 00:30 a.m.
 T-Started 02:05 a.m.
 T-Open 04:44 a.m.
 T-Pulled 08:44 a.m.
 T-Out 11:00 a.m.

Sub Total: 2053
 Std. By 15 150
 Acc. Chg: _____
 Other: _____
 Total: \$ 2205

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25683

Test Ticket

Well Name & No. Ellen #1-29 Test No. 2 Date 8-24-06
 Company Martin Drilling Company, Inc. Zone Tested Casing, D
 Address 250 N. Water, Suite 300, Wichita, KS 67202 Elevation 3675 KB 3670 GL
 Co. Rep / Geo. Paul Gunzelman Rig Martin Drilling Rig #3
 Location: Sec. 29 Twp. 25 Rge. 4/W Co. Cherokee State KO
 Comment: _____ Release date / time: _____

Interval Tested 4570' 4634' Initial Str Wt./Lbs. 90,000 Unseated Str Wt./Lbs. 90,000
 Anchor Length 64' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 110,000
 Top Packer Depth 4565' Tool Weight 1500
 Bottom Packer Depth 4570' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 4634' Wt. Pipe Run ✓ Drill Collar Run 523'
 Mud Wt. 9.2 LCM Trace Vis. 53 WL 6.4 Drill Pipe Size 9 1/2 x H Ft. Run 4042'

Blow Description JK, Return blow to 14:n.
SS, No Return
JK, No Return blow
SS, No Return

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>5</u> Feet of <u>Mud</u>	%gas	%oil	%water <u>100%</u> %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 139 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 800 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2322</u>	PSI	<u>6672</u>	<u>X#1200.00</u>
(B) First Initial Flow Pressure	<u>24</u>	PSI	(depth) <u>4570'</u>	Jars _____
(C) First Final Flow Pressure	<u>27</u>	PSI	Recorder No. _____	Safety Jt. <u>X#7500</u>
(D) Initial Shut-In Pressure	<u>707</u>	PSI	(depth) _____	Circ Sub <u>X</u>
(E) Second Initial Flow Pressure	<u>27</u>	PSI	Recorder No. <u>11020</u>	Sampler _____
(F) Second Final Flow Pressure	<u>30</u>	PSI	(depth) <u>4629'</u>	Straddle _____
(G) Final Shut-In Pressure	<u>628</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2129</u>	PSI	Initial Shut-In <u>60</u>	Shale Packer <u>X#200.00</u>
			Final Flow <u>30</u>	Ruined Packer <u>#200.00</u>
			Final Shut-In <u>60</u>	Mileage <u>X30</u> <u>37.50</u>

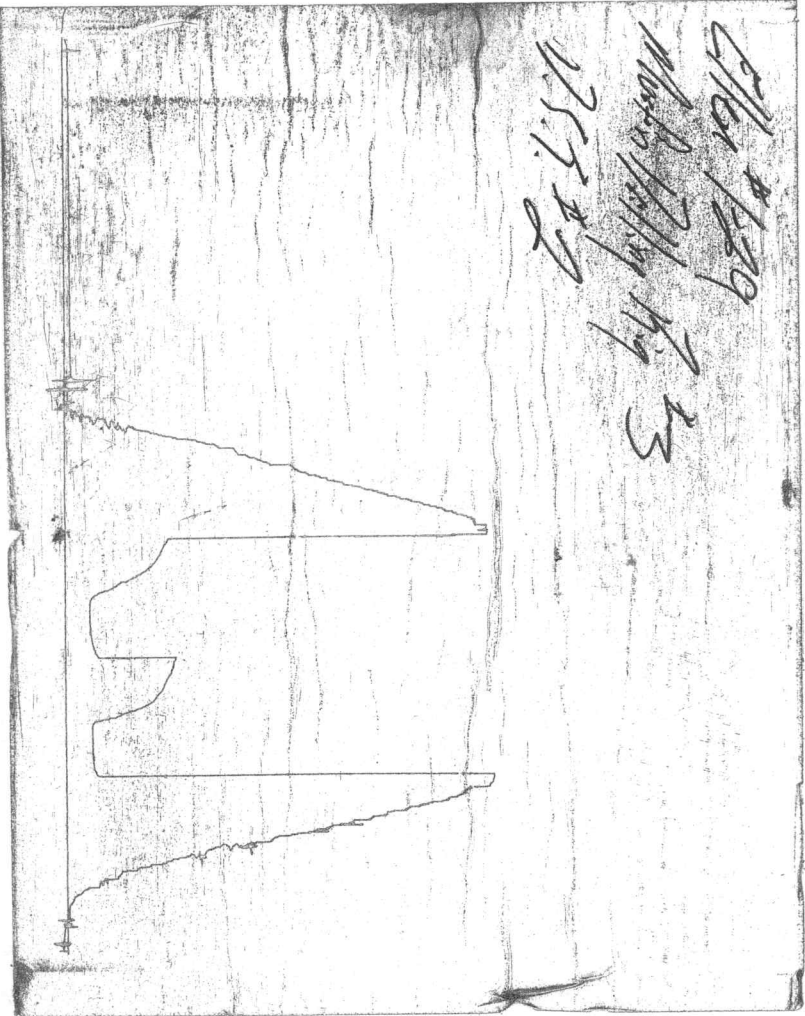
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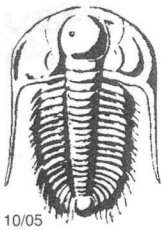
Approved By Paul Gunzelman
 Our Representative [Signature]

T-On Location 21:00 p.m.
 T-Started 22:00 p.m.
 T-Open 00:07 a.m.
 T-Pulled 03:07 a.m.
 T-Out 05:10 a.m.
 Sub Total: 1712.50
 Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: _____

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25684

Test Ticket

Well Name & No. <u>Ellen #1-29</u>	Test No. <u>3</u>	Date <u>8-25-06</u>
Company <u>Martin Drilling Company, Inc.</u>	Zone Tested <u>Kansas City, J</u>	
Address <u>250 N. Water Suite 300, Wichita, KS 67202</u>	Elevation <u>3675</u>	KB <u>3670</u> GL
Co. Rep / Geo. <u>Paul Gurelman</u>	Rig <u>Martin Drilling Rig #3</u>	
Location: Sec. <u>29</u> Twp. <u>2s</u> Rge. <u>4W</u>	Co. <u>Cheyenne</u>	State <u>KS</u>
Comment: _____	Release date / time: _____	

Interval Tested <u>4728'</u>	<u>4778'</u>	Initial Str Wt./Lbs. <u>90,000</u>	Unseated Str Wt./Lbs. <u>96,000</u>
Anchor Length <u>50'</u>		Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>120,000</u>
Top Packer Depth <u>4723'</u>		Tool Weight <u>1500</u>	
Bottom Packer Depth <u>4728'</u>		Hole Size 7 7/8" <input checked="" type="checkbox"/>	Rubber Size 6 3/4" <input checked="" type="checkbox"/>
Total Depth <u>4778'</u>		Wt. Pipe Run <u>✓</u>	Drill Collar Run <u>523'</u>
Mud Wt. <u>9.2</u> LCM <u>0</u> Vis. <u>61</u> WL <u>6.8</u>		Drill Pipe Size <u>4 1/2 x 11</u>	Ft. Run <u>4192'</u>

Blow Description IF; 50.0 B in 10 min.
IS; No Return
FF; 50.0 B in 10 min.
SS; Return slow for 2 1/2 in.

Recovery - Total Feet <u>900'</u>	GIP <u>120'</u>	Ft. in DC _____	Ft. in DP _____
Rec. <u>180'</u>	Feet of <u>Env Oil</u>	%gas <u>100</u> %oil _____	%water _____ %mud _____
Rec. <u>360'</u>	Feet of <u>OCM</u>	%gas <u>70</u> %oil _____	%water <u>30</u> %mud _____
Rec. <u>360'</u>	Feet of <u>MCO</u>	%gas <u>30</u> %oil _____	%water <u>70</u> %mud _____
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
BHT <u>156</u>	°F Gravity <u>33</u>	*API D @ <u>70</u>	*F Corrected Gravity <u>32</u> *API _____
RW _____ @ _____	*F Chlorides _____	ppm Recovery _____	Chlorides <u>900</u> ppm System _____

(A) Initial Hydrostatic Mud	AK-1 <u>2417</u> PSI	Alpine	Recorder No. <u>6672</u>	Test <u>X#1200.09</u>
(B) First Initial Flow Pressure	<u>43</u> PSI		(depth) <u>4728'</u>	Jars _____
(C) First Final Flow Pressure	<u>259</u> PSI		Recorder No. _____	Safety Jt. <u>X#75.00</u>
(D) Initial Shut-In Pressure	<u>1375</u> PSI		(depth) _____	Circ Sub <u>X#MC</u>
(E) Second Initial Flow Pressure	<u>275</u> PSI		Recorder No. <u>11020</u>	Sampler _____
(F) Second Final Flow Pressure	<u>382</u> PSI		(depth) <u>4773'</u>	Straddle _____
(G) Final Shut-In Pressure	<u>989</u> PSI	Initial Opening	<u>15</u>	Shale Packer <u>X#250.00</u>
(Q) Final Hydrostatic Mud	<u>2317</u> PSI	Initial Shut-In	<u>60</u>	Shale Packer <u>X#200.00</u>
		Final Flow	<u>45</u>	Ruined Packer <u>X#200.00</u>
		Final Shut-In	<u>90</u>	Mileage <u>X#30</u> <u>37.50</u>

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Approved By Paul Gurelman
 Our Representative [Signature]

T-On Location	<u>22:30 p.m.</u>	Sub Total:	<u>1962.50</u>
T-Started	<u>23:35 p.m.</u>	Std. By	<u>34</u> <u>75</u>
T-Open	<u>01:49 a.m.</u>	Acc. Chg:	_____
T-Pulled	<u>05:14 a.m.</u>	Other:	_____
T-Out	<u>08:10 a.m.</u>	Total:	<u>\$ 2037.50</u>

CHART PAGE

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

