

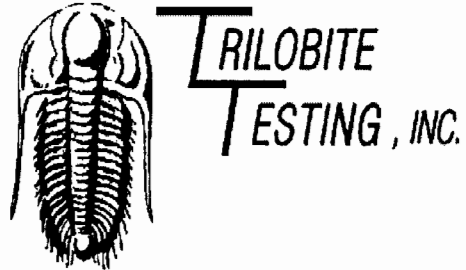
36-23-10w

Computer Inventories

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KANSAS CORPORATION COMMISSION

JUL 25 2001

CONSERVATION DIVISION
WICHITA, KS



DRILL STEM TEST REPORT

Prepared For: **Corsair Energy, LC**

209 E Williams #220
Wichita, KS 67202

ATTN: Jim Collins

ORIGINAL

36-23s-10w Reno

Miller #1-36

Start Date: 2001.06.24 @ 19:35:00

End Date: 2001.06.24 @ 23:46:00

Job Ticket #: 14837 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Corsair Energy, LC

Miller #1-36

36-23s-10w Reno

DST # 1

2001.06.24



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Corsair Energy, LC
209 E Williams #220
Wichita, KS 67202
ATTN: Jim Collins

Miller #1-36
36-23s-10w Reno
Job Ticket: 14837 DST#: 1
Test Start: 2001.06.24 @ 19:35:00

Tool Information

Drill Pipe:	Length: 3406.00 ft	Diameter: 3.80 inches	Volume: 47.78 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 230.00 ft	Diameter: 2.25 inches	Volume: 1.13 bbl	Weight to Pull Loose: 75000.00 lb
			Total Volume: - bbl	Tool Chased ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	3632.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	56.00 ft			
Tool Length:	79.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

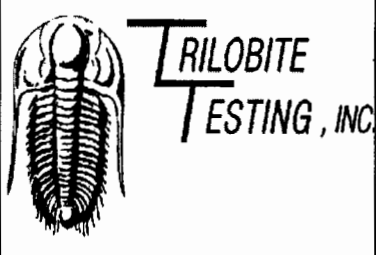
ORIGINAL

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3610.00	
S.I. Tool	5.00			3615.00	
HMV	5.00			3620.00	
Safety Joint	2.00			3622.00	
Packer	5.00			3627.00	23.00 Bottom Of Top Packer
Packer	5.00			3632.00	
Stubb	1.00			3633.00	
Anchor	19.00			3652.00	
Recorder	0.00	3302	Inside	3652.00	
Blank Spacing	31.00			3683.00	
Recorder	0.00	10991	Outside	3683.00	
Bullnose	5.00			3688.00	56.00 Bottom Packers & Anchor

Total Tool Length: 79.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Corsair Energy, LC

Miller #1-36

209 E Williams #220
Wichita, KS 67202

36-23s-10w Reno

Job Ticket: 14837

DST#: 1

ATTN: Jim Collins

Test Start: 2001.06.24 @ 19:35:00

Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 9.00 lb/gal
 Viscosity: 54.00 sec/qt
 Water Loss: 10.40 in³
 Resistivity: ohm.m
 Salinity: 6800.00 ppm
 Filter Cake: inches

Cushion Type:
 Cushion Length: ft
 Cushion Volume: bbl
 Gas Cushion Type:
 Gas Cushion Pressure: psig

Oil APt: deg API
 Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
400.00	Drilling mud	3.516

Total Length: 400.00 ft Total Volume: bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 3302

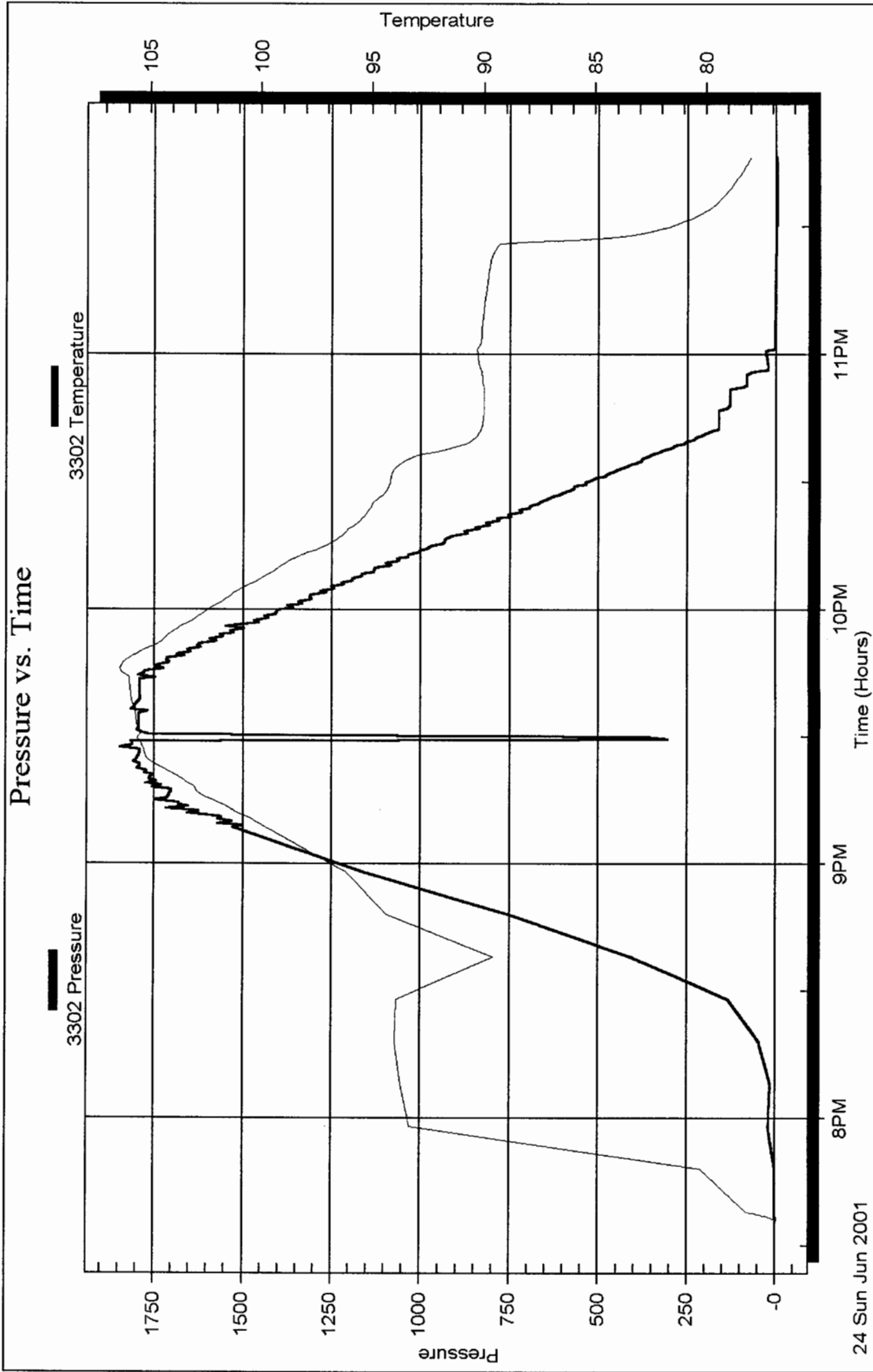
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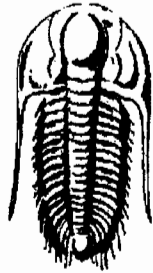
Corsair Energy, LC

36-23s-10w Reno

DST Test Number: 1

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Corsair Energy, LC**

209 E Williams #220
Wichita, KS 67202

ATTN: Jim Collins

36-23s-10w Reno

Miller #1-36

Start Date: 2001.06.25 @ 00:00:00

End Date: 2001.06.25 @ 01:55:00

Job Ticket #: 14838 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Corsair Energy, LC


Miller #1-36

36-23s-10w Reno

DST # 2

Mississippian

2001.06.25

 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT	
	Corsair Energy, LC 209 E Williams #220 Wichita, KS 67202 ATTN: Jim Collins	Miller #1-36 36-23s-10w Reno Job Ticket: 14838 DST#: 2 Test Start: 2001.06.25 @ 00:00:00

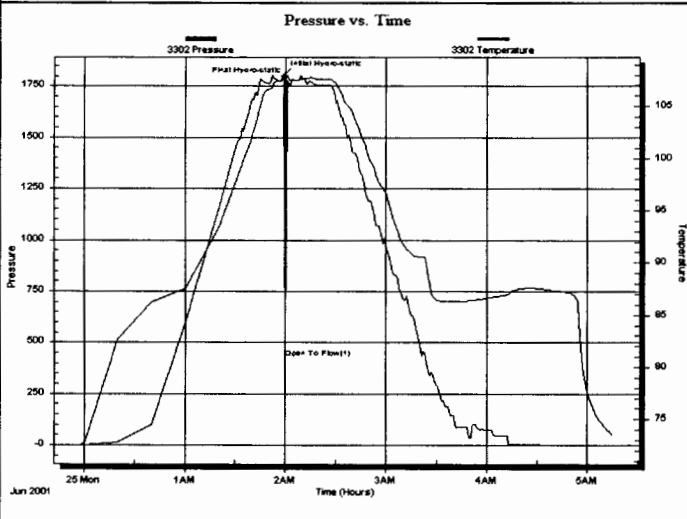
GENERAL INFORMATION:

Formation: Mississippian	Test Type: Conventional Bottom Hole
Deviated: No Whipstock: ft (KB)	Tester: Daren >Amerine
Time Tool Opened: 01:46:00	Unit No: 19
Time Test Ended: 01:55:00	Reference Elevations: 1757.00 ft (KB)
Interval: 3601.00 ft (KB) To 3685.00 ft (KB) (TVD)	1752.00 ft (CF)
Total Depth: 3685.00 ft (KB) (TVD)	KB to GR/CF: 5.00 ft
Hole Diameter: 7.88 inches	Hole Condition: Fair

Serial #: 3302 Inside

Press@RunDepth: psig @ 3617.00 ft (KB)	Capacity: 7000.00 psig
Start Date: 2001.06.24 End Date: 2001.06.25	Last Calib.: 2001.06.26
Start Time: 23:58:04 End Time: 05:15:32	Time On Btm: 2001.06.25 @ 01:59:02
	Time Off Btm: 2001.06.25 @ 02:01:02

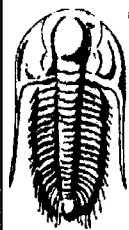
TEST COMMENT:



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1803.55	107.57	Initial Hydro-static
1	420.13	107.65	Open To Flow (1)
2	1771.83	107.98	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
300.00	100 - Mud	2.11

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Corsair Energy, LC

Miller #1-36

209 E Williams #220
Wichita, KS 67202

36-23s-10w Reno

Job Ticket: 14838

DST#: 2

ATTN: Jim Collins

Test Start: 2001.06.25 @ 00:00:00

Tool Information


Drill Pipe:	Length: 3372.24 ft	Diameter: 3.80 inches	Volume: 47.30 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: 25000.00 lb
Drill Collar:	Length: 230.60 ft	Diameter: 2.25 inches	Volume: 1.13 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 48.43 bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	24.84 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	3601.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	84.00 ft			
Tool Length:	107.00 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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C.O. Sub	1.00			3579.00	
S.I. Tool	5.00			3584.00	
HMV	5.00			3589.00	
Safety Joint	2.00			3591.00	
Packer	5.00			3596.00	23.00 Bottom Of Top Packer
Packer	5.00			3601.00	
Stubb	1.00			3602.00	
Anchor	15.00			3617.00	
Recorder	0.00	3302	Inside	3617.00	
Blank Spacing	63.00			3680.00	
Recorder	0.00	10991	Outside	3680.00	
Bullnose	5.00			3685.00	84.00 Bottom Packers & Anchor

Total Tool Length: 107.00

 <p style="font-size: 2em; font-weight: bold; margin: 0;">TRILOBITE TESTING, INC.</p>	DRILL STEM TEST REPORT		FLUID SUMMARY	
	Corsair Energy, LC 209 E Williams #220 Wichita, KS 67202 ATTN: Jim Collins	Miller #1-36 36-23s-10w Reno Job Ticket: 14838 DST#: 2 Test Start: 2001.06.25 @ 00:00:00		

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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.35 in ³	Gas Cushion Type:		
Resistivity: 0.15 ohm.m	Gas Cushion Pressure: psig		
Salinity: 6800.00 ppm			
Filter Cake: 0.32 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
300.00	100 - Mud	2.108

Total Length: 300.00 ft Total Volume: 2.108 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 3302

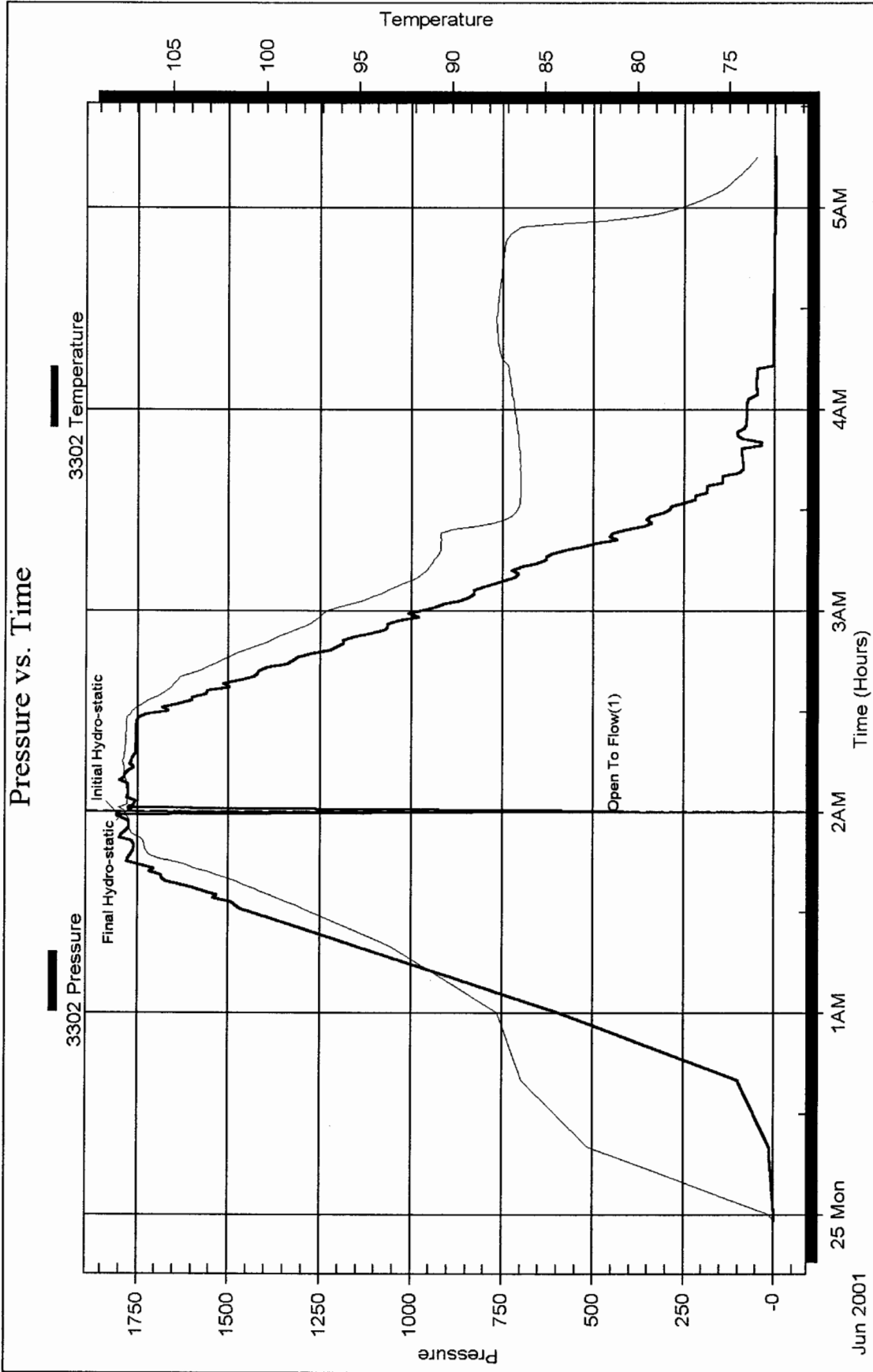
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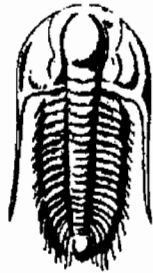
Corsair Energy, LC

36-23s-10w Reno

DST Test Number: 2

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Corsair Energy, LC**

209 E Williams #220
Wichita, KS 67202

ATTN: Jim Collins

36-23s-10w Reno

Miller #1-36

Start Date: 2001.06.25 @ 00:00:00

End Date: 2001.06.26 @ 03:30:00

Job Ticket #: 14839 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Corsair Energy, LC


Miller #1-36

36-23s-10w Reno

DST # 3

Mississippian

2001.06.25

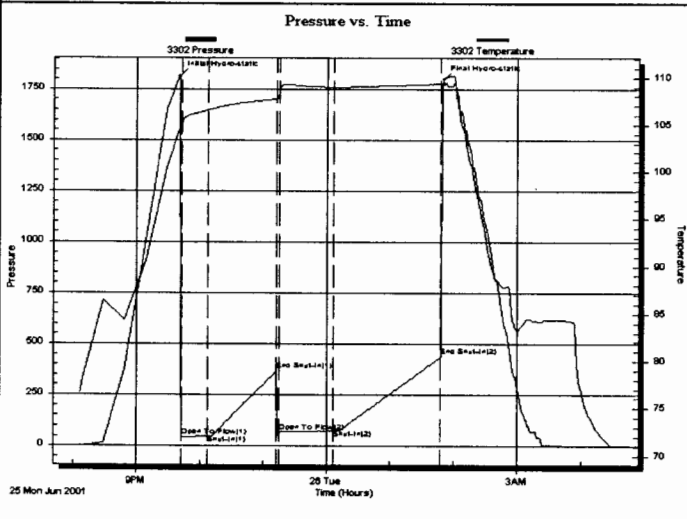
	DRILL STEM TEST REPORT	
	Corsair Energy, LC 209 E Williams #220 Wichita, KS 67202 ATTN: Jim Collins	Miller #1-36 36-23s-10w Reno Job Ticket: 14839 DST#: 3 Test Start: 2001.06.25 @ 00:00:00

GENERAL INFORMATION:

Formation: Mississippian	Test Type: Conventional Bottom Hole
Deviated: No Whipstock: ft (KB)	Tester: Darren Amerine
Time Tool Opened: 21:27:00	Unit No: 19
Time Test Ended: 03:30:00	
Interval: 3630.00 ft (KB) To 3737.00 ft (KB) (TVD)	Reference Elevations: 1757.00 ft (KB)
Total Depth: 3737.00 ft (KB) (TVD)	1752.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair	KB to GR/CF: 5.00 ft

Serial #: 3302 Inside	
Press@RunDepth: 74.48 psig @ 3631.00 ft (KB)	Capacity: 7000.00 psig
Start Date: 2001.06.25 End Date: 2001.06.26	Last Calib.: 2001.06.26
Start Time: 20:06:41 End Time: 04:30:09	Time On Btm: 2001.06.25 @ 21:40:39
	Time Off Btm: 2001.06.26 @ 01:50:39

TEST COMMENT: IF: Fair blow BOB in 8 min
 IS: Bled down n for 2 min no blow back
 FF: Strong blow BOB in 30 sec, slowly died to 10" in H2O
 FS: Bled down n for 5 min



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1812.77	104.46	Initial Hydro-static
2	45.62	105.07	Open To Flow (1)
27	47.21	106.57	Shut-In(1)
92	367.30	107.73	End Shut-In(1)
94	67.47	108.58	Open To Flow (2)
146	74.48	108.99	Shut-In(2)
248	437.14	109.36	End Shut-In(2)
250	1797.07	109.78	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
680.00	01 - Gas	7.44
120.00	Gas cut mud	1.68

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Corsair Energy, LC
209 E Williams #220
Wichita, KS 67202
ATTN: Jim Collins

Miller #1-36
36-23s-10w Reno
Job Ticket: 14839 DST#: 3
Test Start: 2001.06.25 @ 00:00:00

Tool Information

Drill Pipe:	Length: 3405.00 ft	Diameter: 3.80 inches	Volume: 47.76 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: 230.60 ft	Diameter: 2.25 inches	Volume: 1.13 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 48.89 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.60 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	3630.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	107.00 ft			
Tool Length:	130.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		


Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3608.00	
S.I. Tool	5.00			3613.00	
HMV	5.00			3618.00	
Safety Joint	2.00			3620.00	
Packer	5.00			3625.00	23.00 Bottom Of Top Packer
Packer	5.00			3630.00	
Stubb	1.00			3631.00	
Recorder	0.00	3302	Inside	3631.00	
Anchor	39.00			3670.00	
Blank Spacing	63.00			3733.00	
Recorder	0.00	10991	Outside	3733.00	
Bullnose	4.00			3737.00	107.00 Bottom Packers & Anchor

Total Tool Length: 130.00

 <p style="font-size: 2em; font-weight: bold; margin: 0;">TRILOBITE TESTING, INC.</p>	DRILL STEM TEST REPORT		FLUID SUMMARY
	Corsair Energy, LC	Miller #1-36	
	209 E Williams #220 Wichita, KS 67202	36-23s-10w Reno	
ATTN: Jim Collins	Job Ticket: 14839	DST#: 3	
	Test Start: 2001.06.25 @ 00:00:00		

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: 9.57 in ³	Gas Cushion Type:		
Resistivity: 0.10 ohm.m	Gas Cushion Pressure: psig		
Salinity: 7500.00 ppm			
Filter Cake: 0.32 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
680.00	01 - Gas	7.438
120.00	Gas cut mud	1.683

Total Length: 800.00 ft Total Volume: 9.121 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 3302

Inside

Corsair Energy, LC

36-23s-10w Reno

DST Test Number: 3

Pressure vs. Time

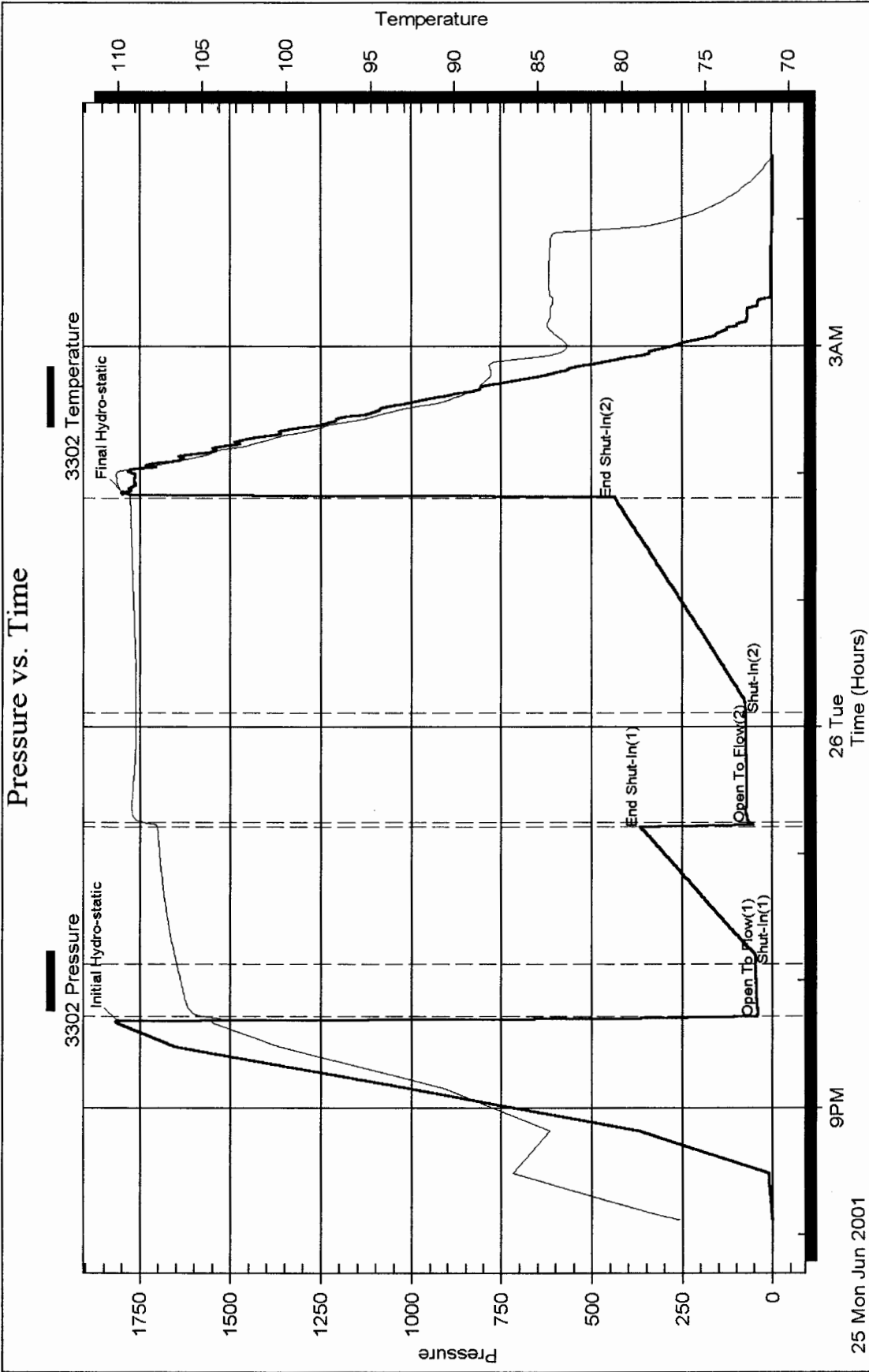
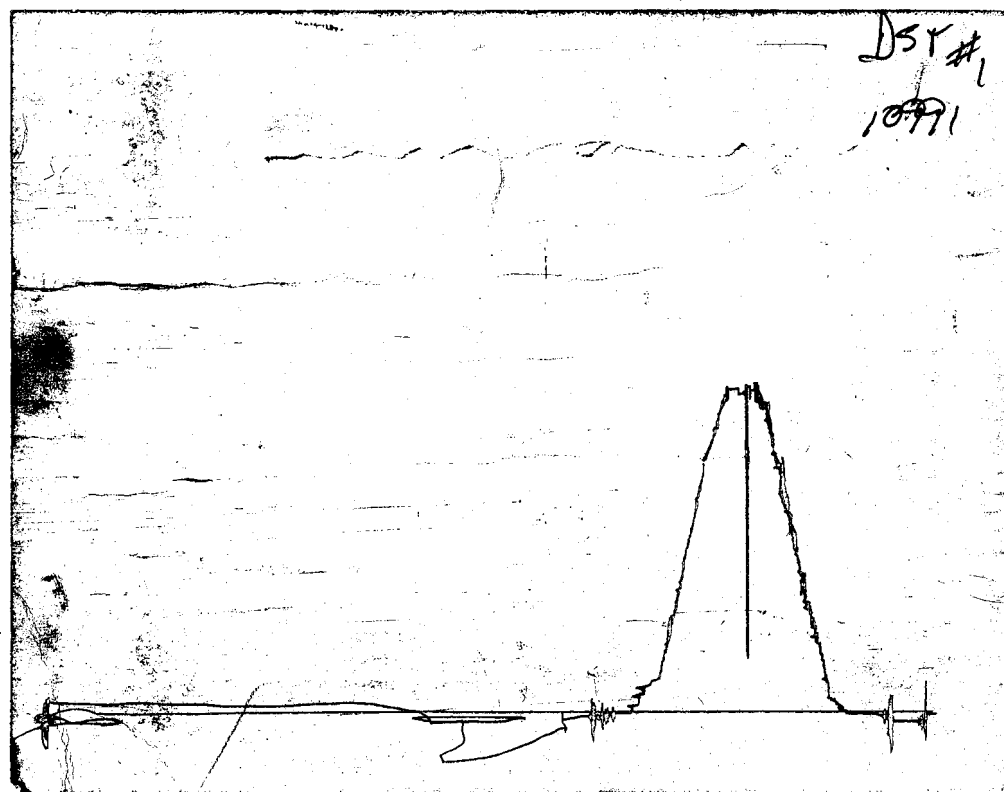
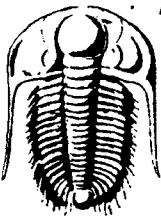


CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 14837

Test Ticket

Well Name & No. Miller #1-36 Test No. # 1 Date 06/24/01
 Company Corsair Energy, L.C. Zone Tested _____
 Address 209 E. Williams, Ste 220 Wichita, KS 67202 Elevation 1757 KB 1752 GL
 Co. Rep / Geo. Joe Baker Cont. Pickrell #10 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 36 Twp. 23^s Rge. 10^w Co. Ben State KS
 No. of Copies 5 Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3632 - 3685 Initial Str Wt./Lbs. 68000 Unseated Str Wt./Lbs. 70000
 Anchor Length 53 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 25000
 Top Packer Depth 3627 Tool Weight 2100
 Bottom Packer Depth 3632 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 3685 Wt. Pipe Run N/A Drill Collar Run 230.60
 Mud Wt. 9.3 LCM 1st Vis. 54 WL 10.4 Drill Pipe Size 4 1/2 x 4 Ft. Run 3406.78
 Blow Description IF: strong blow b.o.d. in 45 sec last packer seat
Miss Run!

Recovery — Total Feet 400' Ft. in DC 231 Ft. in DP 169'
 Rec. 2/100 Feet Of Drilling 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 106° °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 6800 ppm System

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud		<u>1847</u>	<u>3302</u>	<u>1830</u>
(B) First Initial Flow Pressure		<u>307</u>	(depth) <u>3647'</u>	T-Started <u>1935</u>
(C) First Final Flow Pressure			PSI Recorder No. <u>10991</u>	T-Open <u>02117</u>
(D) Initial Shut-In Pressure			PSI (depth) <u>3678'</u>	T-Pulled <u>2121</u>
(E) Second Initial Flow Pressure			PSI Recorder No. _____	T-Out <u>2346</u>
(F) Second Final Flow Pressure			PSI (depth) _____	T-Off Location <u>0000</u>
(G) Final Shut-in Pressure			PSI Initial Opening <u>3</u>	Test <input checked="" type="checkbox"/>
(Q) Final Hydrostatic Mud		<u>1799</u>	PSI Initial Shut-in <u>3</u>	Jars _____

Final Flow _____ Safety Joint
 Final Shut-in Miss Run Straddle _____
 _____ Circ. Sub _____
 _____ Sampler _____
 _____ Extra Packer _____
 _____ Elec. Rec.
 _____ Mileage _____
 _____ Other _____

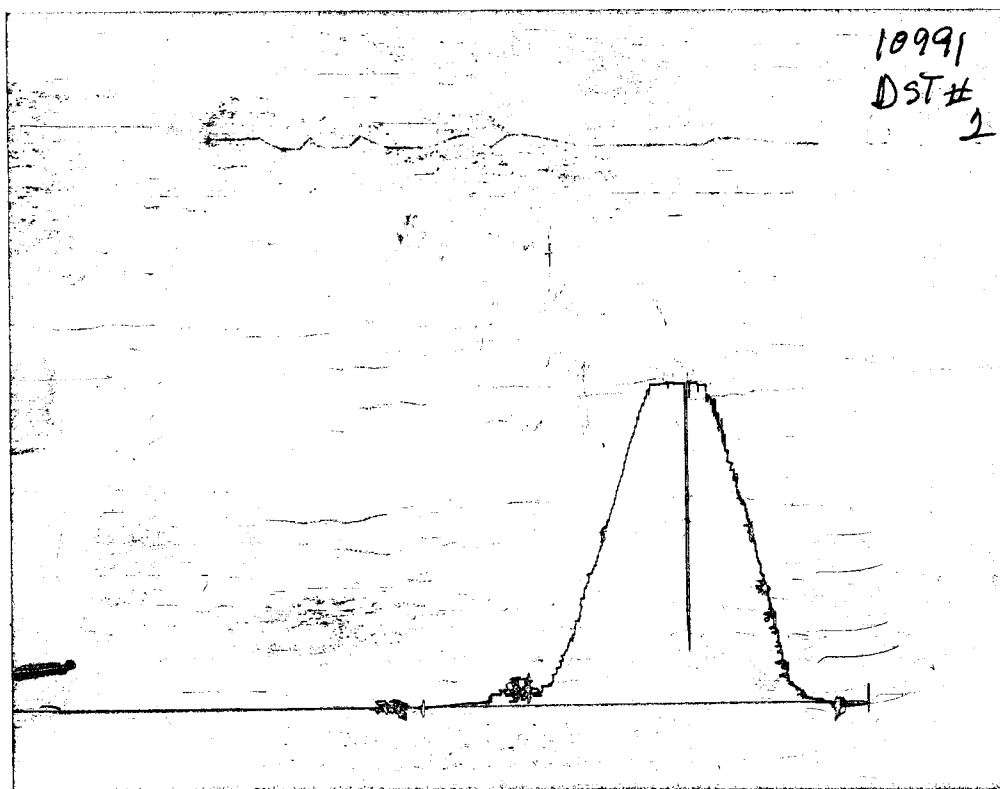
Approved By _____
 Our Representative Drew Scherme

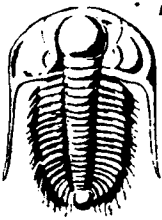
TOTAL PRICE \$ _____

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 14838

Test Ticket

Well Name & No. Miller #1-36 Test No. 42 Date 06/25/01
 Company Corsair Energy LLC Zone Tested Miss.
 Address 209 E. Williams St. 220 Wichita, Ks. 67202 Elevation 1757 KB 1752 GL
 Co. Rep / Geo. Joe Baker Cont. Pickrell #10 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 36 Twp. 235 Rge. 10^w Co. Ren0 State Ks.
 No. of Copies 5 Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3601 - 3685 Initial Str Wt./Lbs. 6800 Unseated Str Wt./Lbs. 7000
 Anchor Length 84' Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 80000
 Top Packer Depth 3596' Tool Weight 2100
 Bottom Packer Depth 3601' Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 3685' Wt. Pipe Run N/A Drill Collar Run 230 60
 Mud Wt. _____ LCM _____ Vis. _____ WL _____ Drill Pipe Size 4 1/2 XH Ft. Run 3455.40
 Blow Description IF: Fair blow no. bin

FF:

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
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 _____
Rec. _____ Feet Of _____		%gas _____ %oil _____	%water _____ %mud _____

BHT 107 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud			<u>3302</u>	<u>0000</u>
(B) First Initial Flow Pressure			(depth) <u>3612'</u>	T-Started _____
(C) First Final Flow Pressure			PSI Recorder No. <u>10991</u>	T-Open <u>046</u>
(D) Initial Shut-in Pressure			PSI (depth) <u>3680'</u>	T-Pulled <u>0155</u>
(E) Second Initial Flow Pressure			PSI Recorder No. _____	T-Out _____
(F) Second Final Flow Pressure			PSI (depth) _____	T-Off Location _____
(G) Final Shut-in Pressure			PSI Initial Opening <u>3</u>	Test <input checked="" type="checkbox"/>
(Q) Final Hydrostatic Mud			PSI Initial Shut-in _____	Jars _____
			Final Flow _____	Safety Joint <input checked="" type="checkbox"/>
			Final Shut-in _____	Straddle _____

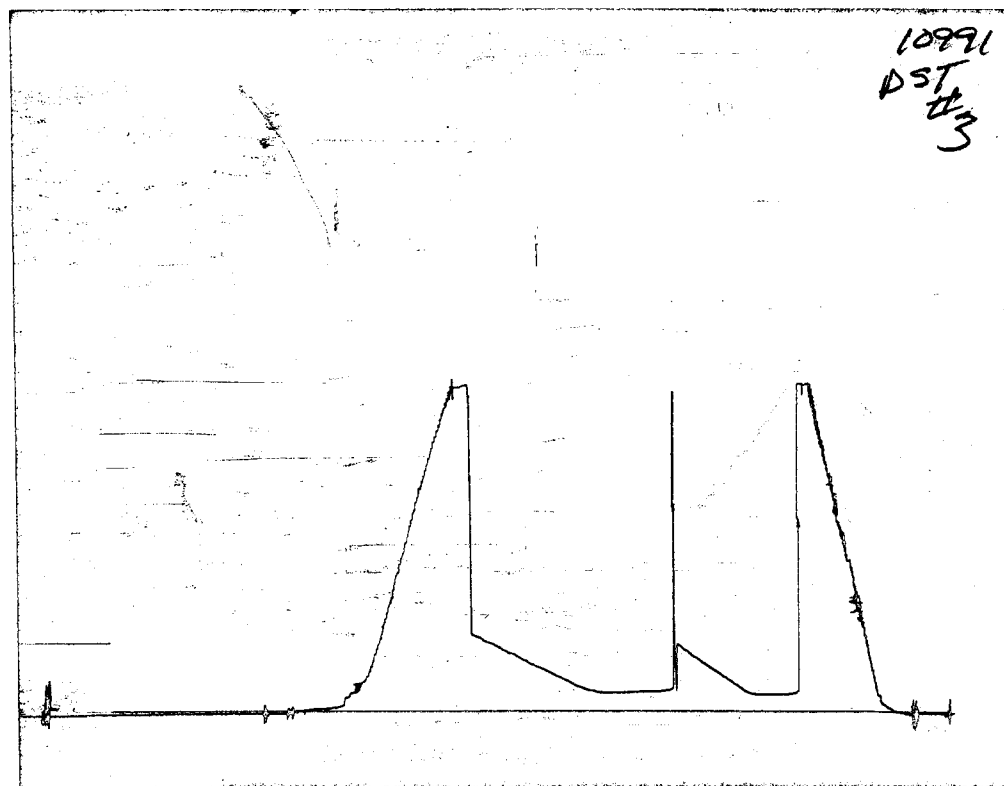
TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

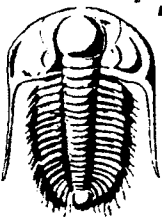
Approved By _____
 Our Representative Dawn J. Levine

Elec. Rec.
 Mileage 45
 Other _____
 TOTAL PRICE \$ _____

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 14839

Test Ticket

Well Name & No. Miller #1-36 Test No. #3 Date 06/25/01
 Company Corsair Energy, L.C. 209 E. Williams Zone Tested Mississippian
 Address Sted 220 Wichita, KS 67202 Elevation 137 KB 1752 GL
 Co. Rep / Geo. Joe Baker Cont. Pickrell #10 Est. Ft. of Pay Por. %
 Location: Sec. 36 Twp. 235 Rge. 10 W Co. Kans State KS
 No. of Copies 5 Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 3630 - 3737' Initial Str Wt./Lbs. 70,000 Unseated Str Wt./Lbs. 71,000
 Anchor Length 107' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 8,000
 Top Packer Depth 3625' Tool Weight 2,100
 Bottom Packer Depth 3630' Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 3737 Wt. Pipe Run N/A Drill Collar Run 250.60
 Mud Wt. 9.3 LCM / # Vis. 53 WL 96 Drill Pipe Size 4 1/2 XH Ft. Run

Blow Description IF: 2 min slow s.o.p 8 mins.
TST: Bled down for 2 mins. No blow back.
FF: Strong slow s.o.p in 30 sec. slowly died off to 10" in 150 bucket.
FSI: Bled down for 5 mins.

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>120'</u> Feet Of <u>USGOM</u>	<u>680'</u>	<u>2</u>	<u>90</u>
Rec. <u>680'</u> Feet Of <u>GIP</u>		%gas	%oil
Rec. <u> </u> Feet Of <u> </u>		%water	%mud
Rec. <u> </u> Feet Of <u> </u>		%gas	%oil
Rec. <u> </u> Feet Of <u> </u>		%water	%mud
Rec. <u> </u> Feet Of <u> </u>		%gas	%oil
Rec. <u> </u> Feet Of <u> </u>		%water	%mud

BHT 1090 °F Gravity °API D@ °F Corrected Gravity °API
 RW 40 @ °F Chlorides ppm Recovery Chlorides 7500 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>1813</u>	<u>1813</u>		<u>3302</u>	<u>10930</u>
(B) First Initial Flow Pressure	<u>46</u>	<u>46</u>	PSI	(depth)	T-Started
(C) First Final Flow Pressure	<u>47</u>	<u>47</u>	PSI	Recorder No. <u>10991</u>	T-Open <u>2127</u>
(D) Initial Shut-In Pressure	<u>367</u>	<u>367</u>	PSI	(depth)	T-Pulled <u>0127</u>
(E) Second Initial Flow Pressure	<u>67</u>	<u>67</u>	PSI	Recorder No.	T-Out <u>0330</u>
(F) Second Final Flow Pressure	<u>74</u>	<u>74</u>	PSI	(depth)	T-Off Location
(G) Final Shut-in Pressure	<u>437</u>	<u>437</u>	PSI	Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/> 700
(Q) Final Hydrostatic Mud	<u>1797</u>	<u>1797</u>	PSI	Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/>
				Final Flow <u>60</u>	Safety Joint <input checked="" type="checkbox"/> 50
				Final Shut-in <u>90</u>	Straddle

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Approved By [Signature]
 Our Representative David Amrine

Extra Packer
 Elec. Rec. 150
 Mileage 45
 Other 1 hr 30
 TOTAL PRICE \$ 975

MILLER 1-36 SW NW NW SECTION 36-23S-10W

RIG TIME

DST #1& # 2	12.75 HOURS @ \$220/ HR.	\$2,805.00
LOGGING	5 HOURS @ \$220/HR.	\$1,100.00
E- LOG		\$3,147.00
GEOLOGY	1 DAY @ \$450	\$450.00

~~\$7,502.00~~

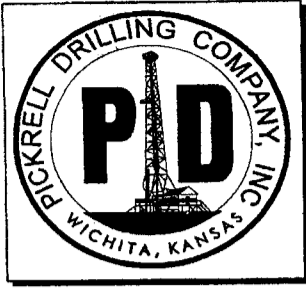
Sik

PAUL, THIS FARM-OUT WAS SET UP WITH THE INVESTMENT GROUP AND CORSAIR THAT IF THE MISSISSIPPIAN DID NOT TEST GAS TO SURFACE & #1000 BHP THAN THE WELL WOULD BE PLUGGED AND ABANDONED WITHOUT THE EXPENSE OF A LOG. I APPRECIATE YOUR HONESTY IN THIS MATTER AND JUST TELL ME WHAT YOU CAN DO TO MAKE IT RIGHT. THE CHECK SHOULD BE MADE OUT TO JOE M. BAKER D/B/A HAMMERHEAD INVESTMENTS.

10/10

Thanks
Joe Baker

INVOICE



Remit to:

Pickrell Drilling Company Inc

100 S Main - Suite 505
 Wichita KS 67202-3738
 316-262-8427 - PHONE
 316-262-0893 - FAX

Corsair Energy LC
 209 E William - Ste 220
 Wichita KS 67202

Detail Included Invoice # 110104

Invoice Date:	07/13/01
Invoice No:	Well # 800143
RE:	Miller #1-36 SW NW NW Sec 36-23S-10W Reno KS

FOOTAGE:		CONTRACT LTD	LESS	TD	PRICE/FT	AMOUNT
LTD:	3737	3737	5	3732	10.00	\$ 37,320.00
DAYWORK:	\$5,280.00	RATE PER DAY =		220.00	RATE/HR	
DATE	HRS	DESCRIPTION				
06/19/01	0.75	CTCH		223		
"	2.00	Run/Cmt Surf Csg		"		
06/20/01	0.25	DRL CMT PLUG		"		
06/23/01	1.50	DSPL MUD		2965		
"	0.50	CFS ✓		3645		
06/24/01	0.75	SHORT TRIP		"		
"	0.50	CTCH		"		
"	1.25	CFS		3685		
"	2.00	TRIP/DST #1 ✓		"		
"	4.00	DST #1 ✓		"		
06/25/01	0.50	DST #1 ✓		"		
"	1.00	WO Tester ✓		"		
"	6.50	DST #2 ✓		"		
"	0.75	DST #2 ✓		"		
"	1.50	CFS		3735		
"	1.50	Trip f/ log		"		
"	3.50	Logging		"		
"	4.25	DST #3		"		
06/26/01	5.00	DST #3		"		
"	1.00	WOO		"		
"	2.00	LDDP		"		
"	5.00	LDDP/Cmt to P&A-PD @ 12:00 Noon		"		
TOTAL DAYWORK	46.00	HOURS		@	220.00	10,120.00
TOTAL FOOTAGE & DAYWORK						47,440.00
TOTAL DUE						\$47,440.00

12 3/4 HRS

Log. 5 hrs.

*12.75 x 220 = 2805
Rig Time -*