

DRILL STEM TEST REPORT

Prepared For: **Coral Coast Petl.**

200 E. First Ste. 001
Wichita KS 67202

ATTN: McGinness/Deenihan

11-32s-22w Clark KS

Aldridge #2

Start Date: 2001.06.21 @ 11:46:20

End Date: 2001.06.21 @ 21:00:20

Job Ticket #: 14067 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

Coral Coast Petl.

200 E First Ste. 001
Wichita KS 67202

ATTN: McGinness/Deenihan

Aldridge #2

11-32s-22w Clark KS

Job Ticket: 14067

DST#: 1

Test Start: 2001.06.21 @ 11:46:20

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:56:50

Time Test Ended: 21:00:20

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 13

Interval: **6450.00 ft (KB) To 6521.00 ft (KB) (TVD)**

Total Depth: 6521.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2231.00 ft (KB)

2222.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: **2342**

Inside

Press@RunDepth: 27.35 psig @ 6451.00 ft (KB)

Start Date: 2001.06.21

End Date:

2001.06.21

Start Time: 11:46:21

End Time:

21:00:20

Capacity: 7000.00 psig

Last Calib.: 2001.01.04

Time On Btm: 2001.06.21 @ 14:54:50

Time Off Btm: 2001.06.21 @ 18:29:50

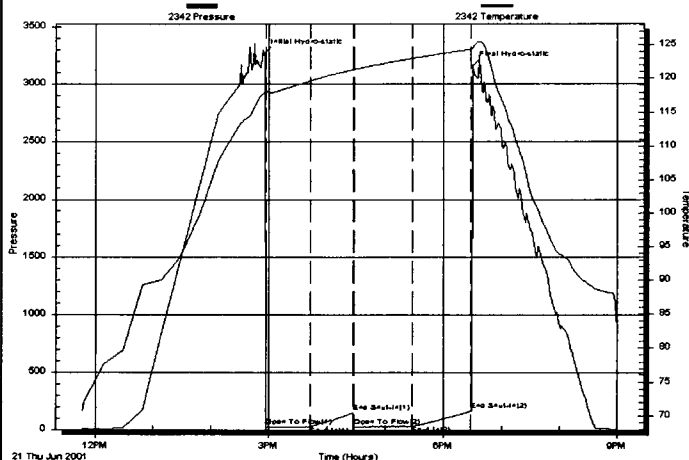
TEST COMMENT: IF:Weak blow . Slow increase to 4".

IS:No blow .

FF:Weak blow . Slow increase to 4".

FS:No blow .

Pressure vs. Time



PRESSURE SUMMARY

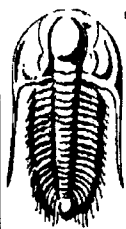
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3267.97	117.96	Initial Hydro-static
2	25.00	118.14	Open To Flow (1)
48	26.18	119.68	Shut-In(1)
92	150.22	121.36	End Shut-In(1)
93	22.82	121.38	Open To Flow (2)
153	27.35	123.03	Shut-In(2)
214	166.50	124.40	End Shut-In(2)
215	3159.62	124.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	155 ft. of gas in pipe.	0.00
25.00	GCM with oil specs.	0.35

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Coast Petl.

Aldridge #2

200 E. First Ste. 001
Wichita KS 67202

11-32s-22w Clark KS

Job Ticket: 14067

DST#: 1

ATTN: McGinness/Deenihan

Test Start: 2001.06.21 @ 11:46:20

Tool Information

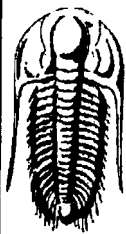
Drill Pipe:	Length: 6438.00 ft	Diameter: 3.80 inches	Volume: 90.31 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 83000.00 lb
			Total Volume: 90.31 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	6450.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	71.00 ft			
Tool Length:	98.00 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			6424.00	
S.I. Tool	5.00			6429.00	
HMV	5.00			6434.00	
Jars	5.00			6439.00	
Safety Joint	2.00			6441.00	
Packer	4.00			6445.00	27.00 Bottom Of Top Packer
Packer	5.00			6450.00	
Stubb	1.00			6451.00	
Recorder	0.00	2342	Inside	6451.00	
Perforations	4.00			6455.00	
C.O. Sub	1.00			6456.00	
Blank Spacing	59.00			6515.00	
C.O. Sub	1.00			6516.00	
Recorder	0.00	10248	Outside	6516.00	
Bullnose	5.00			6521.00	71.00 Bottom Packers & Anchor

Total Tool Length: 98.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Coast Petl.

Aldridge #2

200 E. First Ste. 001
Wichita KS 67202

11-32s-22w Clark KS

Job Ticket: 14067

DST#: 1

ATTN: McGinness/Deenihan

Test Start: 2001.06.21 @ 11:46:20

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:

7000 ppm

Viscosity: 70.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	155 ft. of gas in pipe.	0.000
25.00	GCM w ith oil specs.	0.351

Total Length: 25.00 ft Total Volume: 0.351 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 2342

Inside Coral Coast Petl.

11-32s-22w Clark KS

DST Test Number: 1

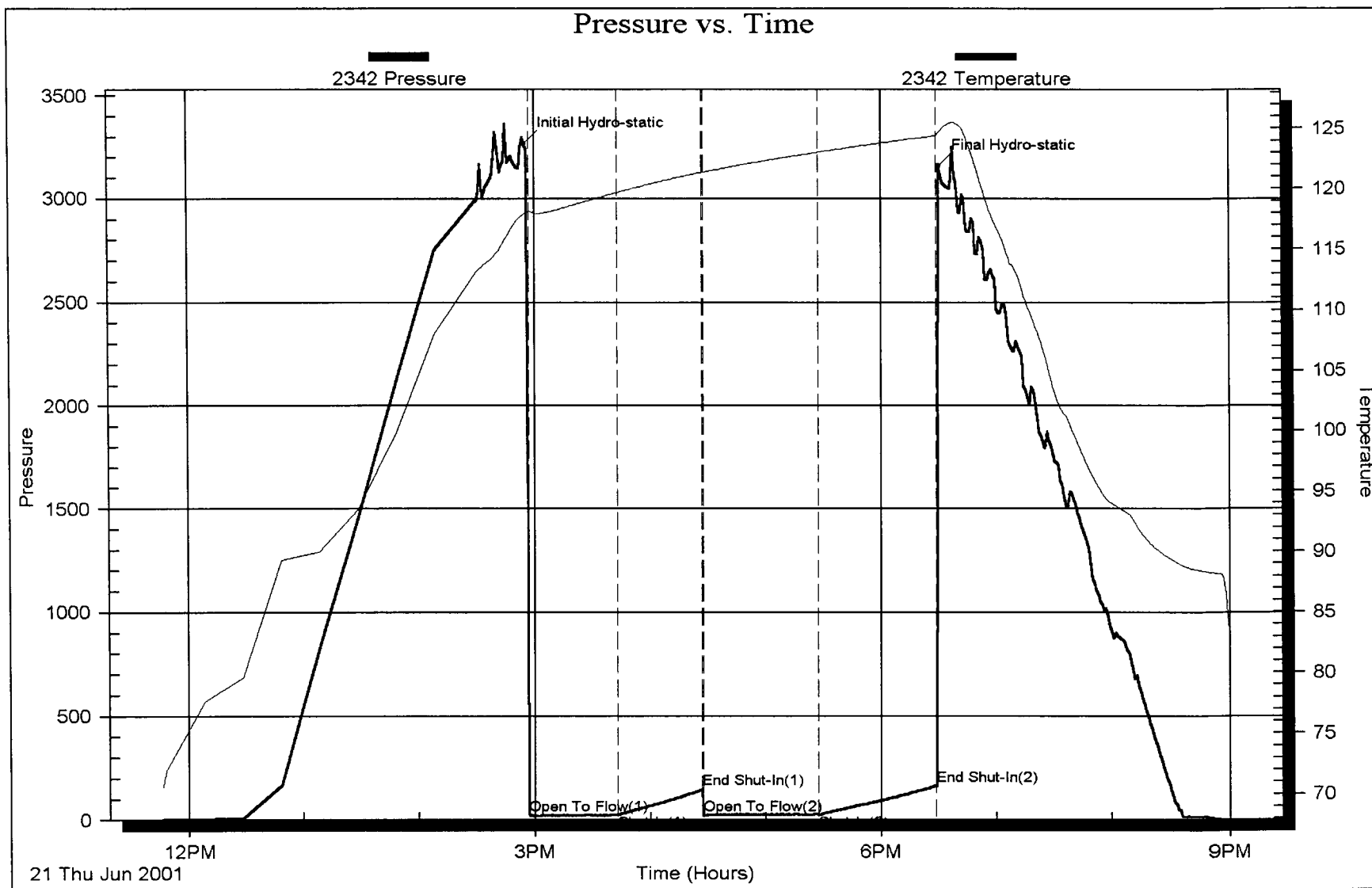
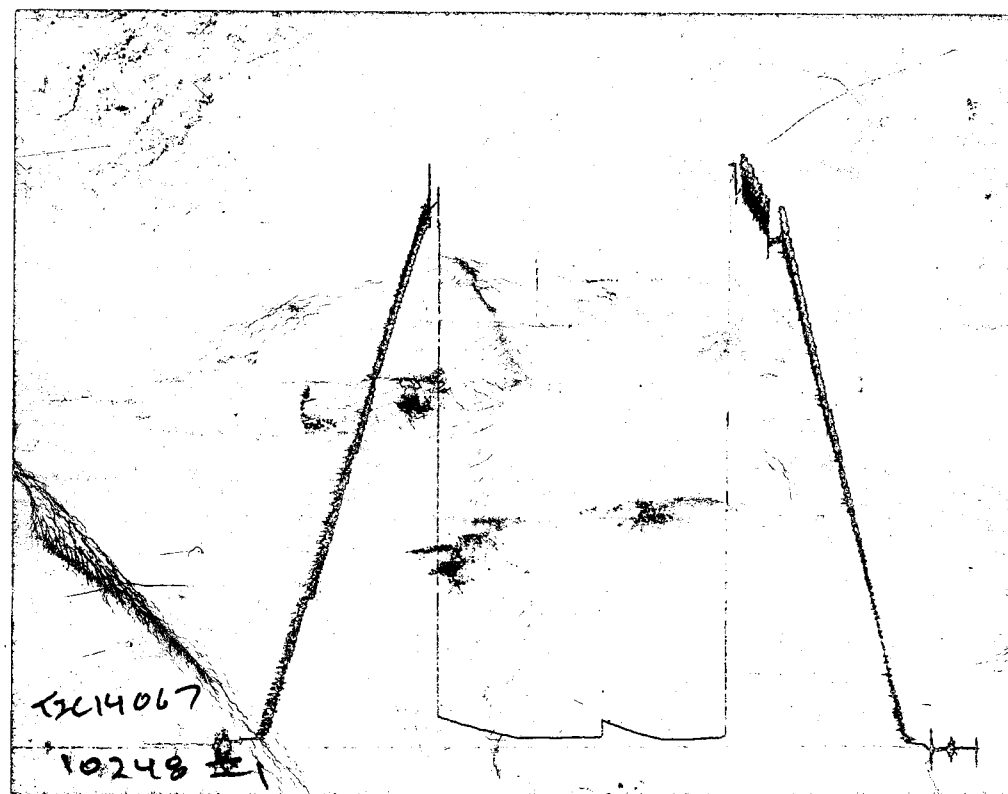


CHART PAGE

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



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

N^o 14067

Test Ticket

Well Name & No.	<u>Aldridge #2</u>	Test No.	<u>4</u>	Date	<u>6-21-2001</u>
Company	<u>Coral Coast Petrol.</u>	Zone Tested	<u>Viola</u>		
Address	<u>200 E. First, Ste 101, Wichita, KS 67202</u>	Elevation	<u>2231</u>	KB	<u>2227GL</u>
Co. Rep / Geo.	<u>Doug McGinness</u>	Cont.	<u>Duke Orly #41</u>	Est. Ft. of Pay	<u>3</u> Por. <u> </u> %
Location: Sec.	<u>11</u>	Twp.	<u>32S</u>	Rge.	<u>22W</u> Co. <u>Clark</u> State <u>KS</u>
No. of Copies	<u>5</u>	Distribution Sheet (Y, N)	<u>N</u>	Turnkey (Y, N)	<u> </u> Evaluation (Y, N) <u> </u>

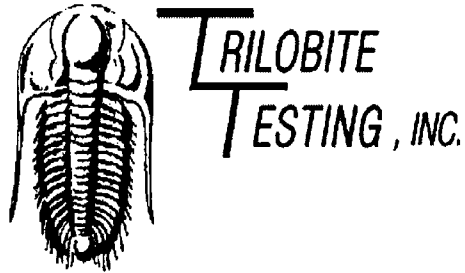
Interval Tested	<u>6450 - 6521'</u>	Initial Str Wt./Lbs.	<u>66,000</u>	Unseated Str Wt./Lbs.	<u>66,000</u>
Anchor Length	<u>71'</u>	Wt. Set Lbs.	<u>20,000</u>	Wt. Pulled Loose/Lbs.	<u>83,000</u>
Top Packer Depth	<u>6445</u>	Tool Weight	<u>2100#</u>		
Bottom Packer Depth	<u>6450'</u>	Hole Size — 7 7/8"	<u>✓</u>	Rubber Size — 6 3/4"	<u>✓</u>
Total Depth	<u>6521'</u>	Wt. Pipe Run	<u>None</u>	Drill Collar Run	<u>None</u>
Mud Wt.	<u>9.2</u> LCM <u>6#</u> Vis. <u>70</u> WL <u>8.8 cc.</u>	Drill Pipe Size	<u>4 1/2" x 11 Ft. Run</u>		<u>6,438'</u>
Blow Description	<u>IF: Weak blow, slow increase to 4".</u>				
	<u>ISI: No blow.</u>				
	<u>FF: Weak blow, slow increase to 4". FSI: No blow.</u>				

Recovery — Total Feet	<u>25</u>	GIP	<u>155'</u>	Ft. in DC	<u>0</u>	Ft. in DP	<u>25</u>
Rec.	<u>25</u>	Feet Of	<u>GCM @ oil specs</u>	%gas	<u> </u>	%oil	<u> </u>
Rec.		Feet Of		%gas	<u> </u>	%oil	<u> </u>
Rec.		Feet Of		%gas	<u> </u>	%oil	<u> </u>
Rec.		Feet Of		%gas	<u> </u>	%oil	<u> </u>
Rec.		Feet Of		%gas	<u> </u>	%oil	<u> </u>
BHT	<u>124</u>	°F Gravity	<u>N/A</u>	°API D@	<u> </u>	°F Corrected Gravity	<u>N/A</u>
RW	<u>NC</u>	@	<u> </u>	°F Chlorides	<u>7,000</u>	ppm Recovery	<u>7,000</u>
				Chlorides	<u>7,000</u>	ppm System	<u> </u>

(A) Initial Hydrostatic Mud	<u>AK-1</u>	Alpine	<u>3268</u>	PSI	Recorder No.	<u>2342</u>	T-On Location	<u>1045</u>
(B) First Initial Flow Pressure			<u>25</u>	PSI	(depth)	<u>6451'</u>	T-Started	<u>1146</u>
(C) First Final Flow Pressure			<u>26</u>	PSI	Recorder No.	<u>10248</u>	T-Open	<u>1456</u>
(D) Initial Shut-In Pressure			<u>150</u>	PSI	(depth)	<u>6516'</u>	T-Pulled	<u>1827</u>
(E) Second Initial Flow Pressure			<u>23</u>	PSI	Recorder No.	<u> </u>	T-Out	<u>2100</u>
(F) Second Final Flow Pressure			<u>27</u>	PSI	(depth)	<u> </u>	T-Off Location	<u>2150</u>
(G) Final Shut-in Pressure			<u>167</u>	PSI	Initial Opening	<u>45</u>	Test	<u>✓ 1000⁰⁰</u>
(Q) Final Hydrostatic Mud			<u>3160</u>	PSI	Initial Shut-in	<u>45</u>	Jars	<u>✓ 200⁰⁰</u>
					Final Flow	<u>60</u>	Safety Joint	<u>✓ 50⁰⁰</u>
					Final Shut-in	<u>60</u>	Straddle	<u> </u>
						<u>4</u>	Circ. Sub	<u> </u>
							Sampler	<u> </u>
							Extra Packer	<u> </u>
							Elec. Rec.	<u>✓ 150⁰⁰</u>
							Mileage	<u>✓ 80⁰⁰</u>
							Other	<u> </u>
							TOTAL PRICE \$	<u>✓ 1480⁰⁰</u>

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 *Patrick J. Desjardins*
Our Representative *Gary [Signature]*



DRILL STEM TEST REPORT

Prepared For: **Coral Coast Petl.**

200 E. First Ste. 001
Wichita KS 67202

ATTN: McGinness/Deenihan

11-32s-22w Clark KS

Aldridge #2

Start Date: 2001.06.22 @ 11:04:55

End Date: 2001.06.22 @ 20:24:54

Job Ticket #: 14068 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



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DRILL STEM TEST REPORT

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200 E. First Ste. 001
Wichita KS 67202

ATTN: McGinness/Deenihan

Aldridge #2

11-32s-22w Clark KS

Job Ticket: 14068

DST#: 2

Test Start: 2001.06.22 @ 11:04:55

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:37:24

Time Test Ended: 20:24:54

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 13

Interval: **6514.00 ft (KB) To 6527.00 ft (KB) (TVD)**

Total Depth: 6527.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2231.00 ft (KB)

2222.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 2342

Inside

Press@RunDepth: 236.67 psig @ 6515.00 ft (KB)

Start Date: 2001.06.22

End Date:

2001.06.22

Start Time: 11:04:55

End Time:

20:24:54

Capacity: 7000.00 psig

Last Calib.: 2001.01.04

Time On Btm: 2001.06.22 @ 13:26:54

Time Off Btm: 2001.06.22 @ 17:36:24

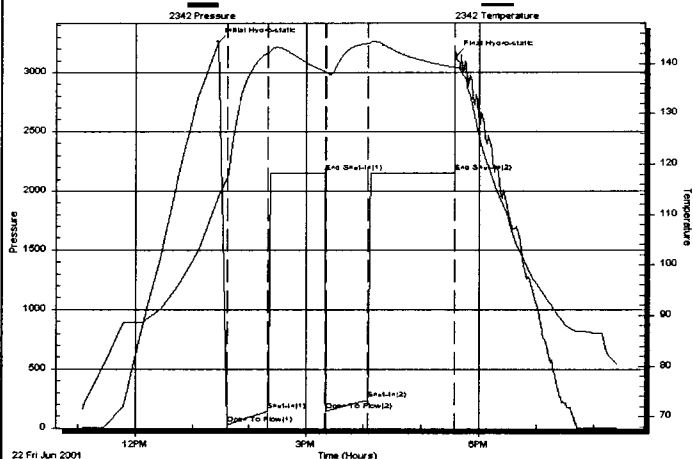
TEST COMMENT: IF: Fair to strong blow . B.O.B. in 38 mins.

ISI: No blow .

FF: Fair blow . Slow increase to 13".

FSI: No blow .

Pressure vs. Time



PRESSURE SUMMARY

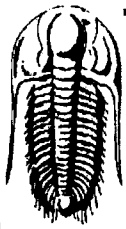
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3259.83	113.61	Initial Hydro-static
11	31.13	117.55	Open To Flow (1)
53	141.83	142.21	Shut-In(1)
114	2154.92	138.44	End Shut-In(1)
115	146.61	138.30	Open To Flow (2)
158	236.67	144.09	Shut-In(2)
248	2154.89	139.31	End Shut-In(2)
250	3148.21	139.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	120 ft. of gas in pipe.	0.00
370.00	Salt Water w / a few oil specs	5.19
70.00	SOCWM 2%o 23%w 75%m	0.98
0.00	Rw .068 ohms @ 75 deg.F.	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Coast Petl.

Aldridge #2

200 E. First Ste. 001
Wichita KS 67202

11-32s-22w Clark KS

Job Ticket: 14068

DST#: 2

ATTN: McGinness/Deenihan

Test Start: 2001.06.22 @ 11:04:55

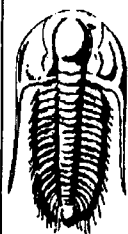
Tool Information

Drill Pipe:	Length: 6496.00 ft	Diameter: 3.80 inches	Volume: 91.12 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: 82000.00 lb
			Total Volume: 91.12 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	6514.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	13.00 ft			
Tool Length:	40.00 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			6488.00	
S.I. Tool	5.00			6493.00	
HMV	5.00			6498.00	
Jars	5.00			6503.00	
Safety Joint	2.00			6505.00	
Packer	4.00			6509.00	27.00 Bottom Of Top Packer
Packer	5.00			6514.00	
Stubb	1.00			6515.00	
Recorder	0.00	2342	Inside	6515.00	
Perforations	7.00			6522.00	
Recorder	0.00	10248	Outside	6522.00	
Bullnose	5.00			6527.00	13.00 Bottom Packers & Anchor

Total Tool Length: 40.00



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Aldridge #2

200 E. First Ste. 001
Wichita KS 67202

11-32s-22w Clark KS

Job Ticket: 14068

DST#: 2

ATTN: McGinness/Deenihan

Test Start: 2001.06.22 @ 11:04:55

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil APt: deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity: 118000 ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	120 ft. of gas in pipe.	0.000
370.00	Salt Water w / a few oil specs	5.190
70.00	SOCWM 2%o 23%w 75%m	0.982
0.00	Rw .068 ohms @ 75 deg.F.	0.000

Total Length: 440.00 ft

Total Volume: 6.172 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

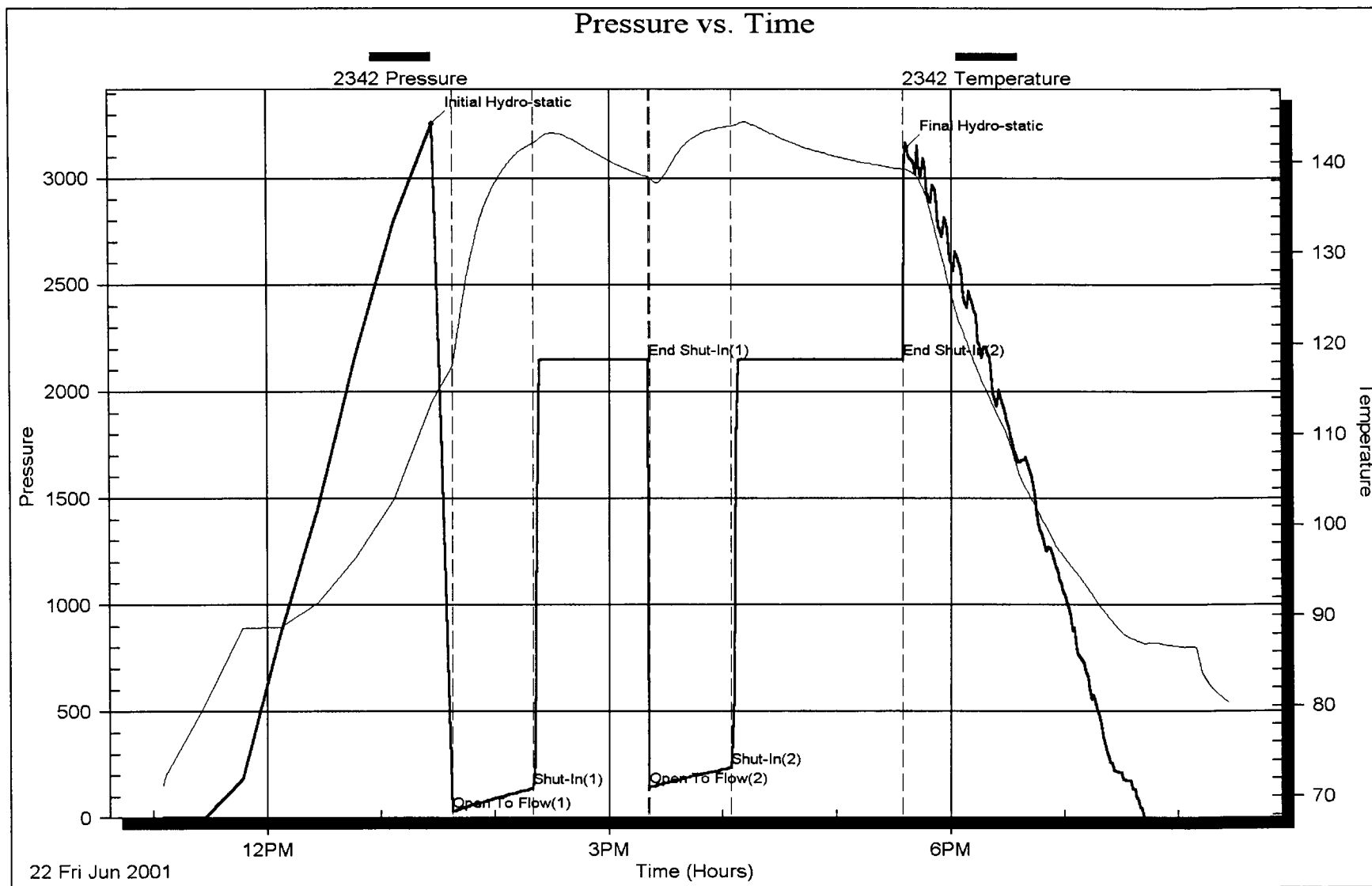
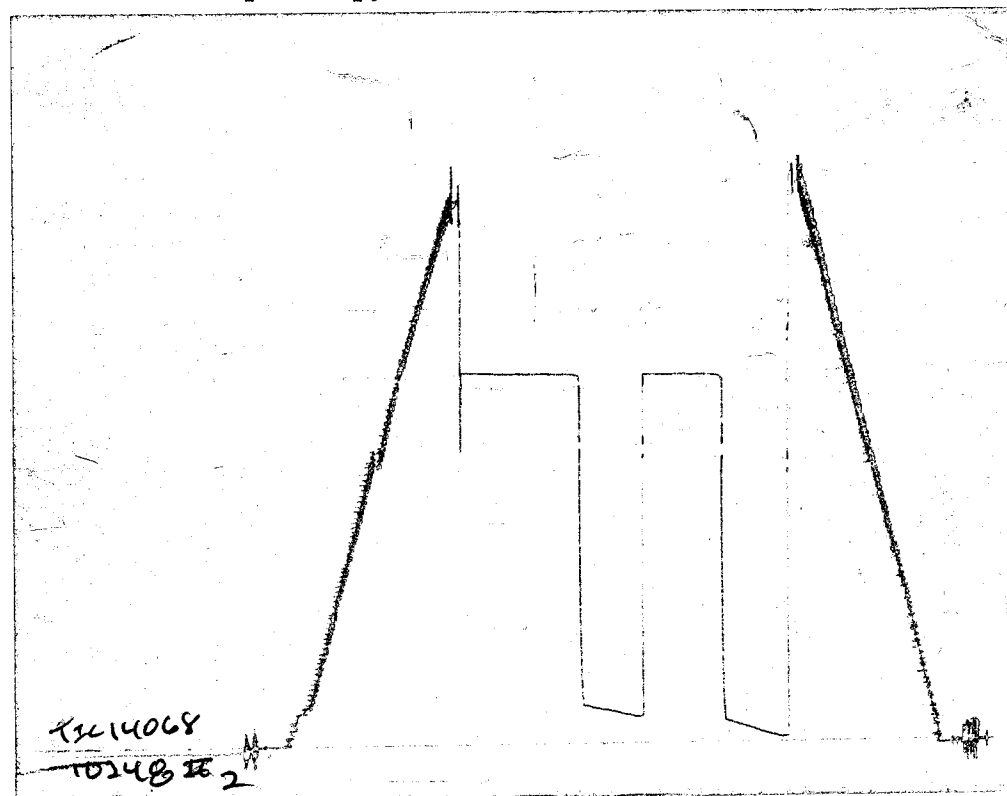


CHART PAGE

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



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

N^o 14068

Test Ticket

Well Name & No. <u>Aldridge #2</u>	Test No. <u>2</u>	Date <u>6-22-2001</u>
Company <u>Coral Coast Petr.</u>	Zone Tested <u>Viola</u>	
Address <u>Wichita Ks. 67202</u>	Elevation <u>2231</u> KB <u>2222</u> GL	
Co. Rep / Geo. <u>McGinness/Denmark</u> Cont. <u>Dulse Drlg. #4</u>	Est. Ft. of Pay <u>8</u>	Por. <u> </u> %
Location: Sec. <u>11</u> Twp. <u>32^s</u> Rge. <u>22^w</u>	Co. <u>Clark</u>	State <u>Ks.</u>
No. of Copies <u>5</u>	Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u> </u>
	Evaluation (Y, N) <u> </u>	

Interval Tested 6514 - 6527' Initial Str Wt./Lbs. 64,000 Unseated Str Wt./Lbs. 66,000
 Anchor Length 13' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 82,000
 Top Packer Depth 6509' Tool Weight 2100[#]
 Bottom Packer Depth 6514' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓
 Total Depth 6527' Wt. Pipe Run None Drill Collar Run None
 Mud Wt. 9.2 LCM 6[#] Vis. 61 WL 12.8 Drill Pipe Size 4 1/2" KH. Ft. Run 6496'
 Blow Description IF: Fair to strong below. B.O.B. in 38 mins.
ISI: No below.
FF: Fair below. slow increase to 13". FSI: No below.

Recovery — Total Feet 440 GIP 120 Ft. in DC 0 Ft. in DP 440
 Rec. 70 Feet Of SOCMM %gas 2 %oil 23 %water 75 %mud
 Rec. 370 Feet Of Dark Water @ a %gas %oil %water %mud
 Rec. Feet Of few oil specs. %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 BHT 139 °F Gravity N/A °API D@ °F Corrected Gravity N/A °API
 RW 0.068 @ 75 °F Chlorides 118,000 ppm Recovery Chlorides 8000 ppm System

	AK-1	Alpine	dp		
(A) Initial Hydrostatic Mud		3260	PSI	Recorder No. <u>2342</u>	T-On Location <u>1020</u>
(B) First Initial Flow Pressure		31	PSI	(depth) <u>6515</u>	T-Started <u>1104</u>
(C) First Final Flow Pressure		142	PSI	Recorder No. <u>10248</u>	T-Open <u>1337</u>
(D) Initial Shut-In Pressure		2155	PSI	(depth) <u>6522'</u>	T-Pulled <u>1737</u>
(E) Second Initial Flow Pressure		147	PSI	Recorder No. <u> </u>	T-Out <u>2024</u>
(F) Second Final Flow Pressure		237	PSI	(depth) <u> </u>	T-Off Location <u>2130</u>
(G) Final Shut-in Pressure		2155	PSI	Initial Opening <u>45</u>	Test <u>✓</u> <u>1000⁰⁰</u>
(Q) Final Hydrostatic Mud		3148	PSI	Initial Shut-in <u>60</u>	Jars <u>✓</u> <u>200⁰⁰</u>
				Final Flow <u>45</u>	Safety Joint <u>✓</u> <u>50⁰⁰</u>
				Final Shut-in <u>90</u>	Straddle <u> </u>
				<u> </u>	Circ. Sub <u> </u>
				<u> </u>	Sampler <u> </u>
					Extra Packer <u> </u>
					Elec. Rec. <u>✓</u> <u>150⁰⁰</u>
					Mileage <u>✓</u> <u>80⁰⁰</u>
					Other <u> </u>
					TOTAL PRICE \$ <u>✓</u> <u>1480⁰⁰</u>

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 Patrick J. Deemster

Our Representative Cory F. Wooten