

15-009-24697

29-17s-12w

T1 2

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Nº 14129

Test Ticket

Well Name & No.	<u>Roester #1</u>	Test No.	<u>1</u>	Date	<u>12-20-00</u>
Company	<u>CORAL PRODUCTION CORPORATION</u>	Zone Tested	<u>ORCAD</u>		
Address	<u>1600 STOUT ST. SUITE 1500 DENVER, CO. 80202</u>	Elevation	<u>1862</u>	KB	<u>1854</u> GL
Co. Rep / Geo.	<u>TIM LAUER</u>	Cont.	<u>Duke rig 8</u>	Est. Ft. of Pay	<u>-</u> Por. <u>-</u> %
Location: Sec.	<u>29</u>	Twp.	<u>17S</u>	Rge.	<u>12W</u>
				Co.	<u>BARTON</u> State <u>KO</u>
No. of Copies	<u>Reg</u>	Distribution Sheet (Y, N)	<u>-</u>	Turnkey (Y, N)	<u>-</u>
		Evaluation (Y, N)	<u>-</u>		

Interval Tested	<u>2964-2979</u>	Initial Str Wt./Lbs.	<u>4200</u>	Unseated Str Wt./Lbs.	<u>42000</u>
Anchor Length	<u>15</u>	Wt. Set Lbs.	<u>20000</u>	Wt. Pulled Loose/Lbs.	<u>45000</u>
Top Packer Depth	<u>2959</u>	Tool Weight	<u>2200</u>		
Bottom Packer Depth	<u>2964</u>	Hole Size — 7 7/8"	<u>yes</u>	Rubber Size — 6 3/4"	<u>yes</u>
Total Depth	<u>2979</u>	Wt. Pipe Run	<u>-</u>	Drill Collar Run	<u>-</u>
Mud Wt.	<u>9.1</u> LCM <u>TR</u> Vis. <u>4.3</u> WL <u>10</u>	Drill Pipe Size	<u>4 1/2 XH</u>	Ft. Run	<u>2952</u>
Blow Description	<u>IFP - WEAK TO A GOOD BLOW 1/4" TO 5 1/4" BLOW</u>				
	<u>FFP - STRONG BLOW IN 7 MIN</u>				

Recovery — Total Feet	<u>45</u>	GIP	<u>255</u>	Ft. in DC	<u>-</u>	Ft. in DP	<u>45</u>
Rec.	<u>45</u>	Feet Of	<u>MGO</u>	10 %gas	<u>50</u> %oil	%water	<u>40</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	<u>95</u>	°F Gravity	<u>-</u>	°API D@	<u>-</u>	°F Corrected Gravity	<u>-</u>
RW	<u>-</u>	@	<u>-</u>	°F Chlorides	<u>-</u>	ppm Recovery	Chlorides <u>6000</u> ppm System

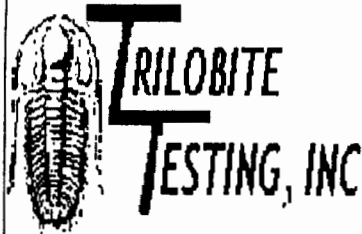
(A) Initial Hydrostatic Mud	AK-1	Alpine	1404	PSI	Recorder No.	<u>3227</u>	T-On Location	<u>0030</u>
(B) First Initial Flow Pressure			<u>14</u>	PSI	(depth)	<u>2965</u>	T-Started	<u>0150</u>
(C) First Final Flow Pressure			<u>17</u>	PSI	Recorder No.	<u>11085</u>	T-Open	<u>0430</u>
(D) Initial Shut-In Pressure			<u>904</u>	PSI	(depth)	<u>2976</u>	T-Pulled	<u>0730</u>
(E) Second Initial Flow Pressure			<u>18</u>	PSI	Recorder No.	<u>-</u>	T-Out	<u>0915</u>
(F) Second Final Flow Pressure			<u>32</u>	PSI	(depth)	<u>-</u>	T-Off Location	<u>0945</u>
(G) Final Shut-in Pressure			<u>1075</u>	PSI	Initial Opening	<u>30</u>	Test	☒
(Q) Final Hydrostatic Mud			<u>1393</u>	PSI	Initial Shut-in	<u>30</u>	Jars	☐
					Final Flow	<u>60</u>	Safety Joint	☒
					Final Shut-in	<u>60</u>	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 TIM LAUEROur Representative RAY SCHWAGER THANK YOU

Extra Packer ☐
 Elec. Rec. ☒
 Mileage 60
 Other ☐
 TOTAL PRICE \$ ✓

ORIGINAL



DRILL STEM TEST REPORT

Coral Production Cor

Koester#1

 1600 Stout Street
 Suite 1500
 Denver Co 80202
 ATTN: Tim Lauer

29-17s-12w Barton

Job Ticket: 14129

DST#: 1

Test Start: 2000.12.20 @ 01:50:00

GENERAL INFORMATION:

Formation: Oread

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:24:00

Time Test Ended: 07:30:00

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 16

Interval: 2964.00 ft (KB) To 2979.00 ft (KB) (TVD)

Total Depth: 2979.00 ft (KB)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 1862.00 ft (KB)

1854.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 3227

Press@RunDepth: 32.36 psig @ ft (KB)

Start Date: 2000.12.20

End Date:

2000.12.20

Capacity: 7000.00 psig

Last Calib.: 2000.12.20

Start Time: 01:46:35

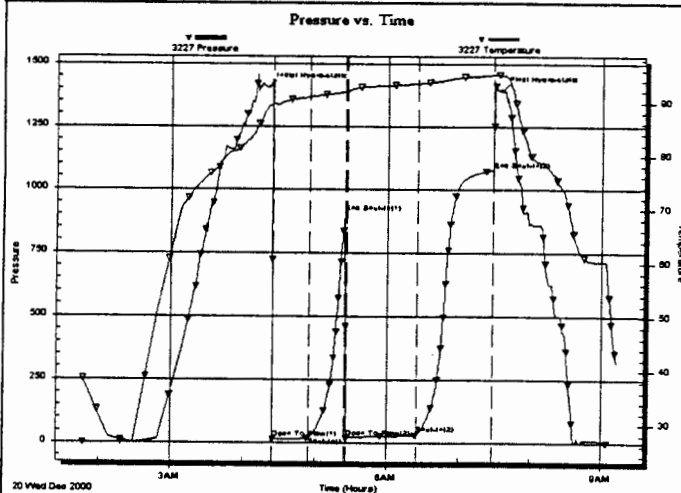
End Time:

09:12:29

Time On Btm: 2000.12.20 @ 04:20:30

Time Off Btm: 2000.12.20 @ 07:35:29

TEST COMMENT: times 30-30-60-60 255' GIP IF-w k to good bow l 1/4 to
 5 1/2"
 FF-strong bow l in 7min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
154	1404.59	89.35	Initial Hydro-static
158	14.24	89.66	Open To Flow (1)
188	17.10	91.04	Shut-In(1)
218	904.29	92.04	End Shut-In(1)
219	18.54	92.00	Open To Flow (2)
279	32.36	93.55	Shut-In(2)
342	1075.10	95.20	End Shut-In(2)
349	1393.01	95.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	mgo 10%gas 40%mud 50%oil	0.63

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

Coral Production Cor

Koester#1

1600 Stout Street

29-17s-12w Barton

Suite 1500

Job Ticket: 14129

DST#: 1

Denver Co 80202

Test Start: 2000.12.20 @ 01:50:00

ATTN: Tim Lauer

Tool Information

Drill Pipe:	Length: 2952.00 ft	Diameter: 3.80 inches	Volume: 41.41 bbl	Tool Weight: 2200.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
Drill Pipe Above KB:	7.00 ft			Tool Chased 0.00 ft
Depth to Top Packer:	2964.00 ft			String Weight: Initial 42000.00 lb
Depth to Bottom Packer:	ft			Final 42000.00 lb
Interval between Packers:	ft			
Tool Length:	39.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			2946.00	
S.I. Tool	5.00			2951.00	
HYD S.I. Tool	5.00			2956.00	
Safety Joint	3.00			2959.00	
Packer	5.00			2964.00	19.00 Bottom Of Top Packer
Packer	5.00			2969.00	
Stubb	1.00			2970.00	
Recorder	0.01	3227	Inside	2970.01	
Perforations	11.00			2981.01	
Recorder	0.01	11085	Outside	2981.02	
Bullnose	3.00			2984.02	20.02 Bottom Packers & Anchor

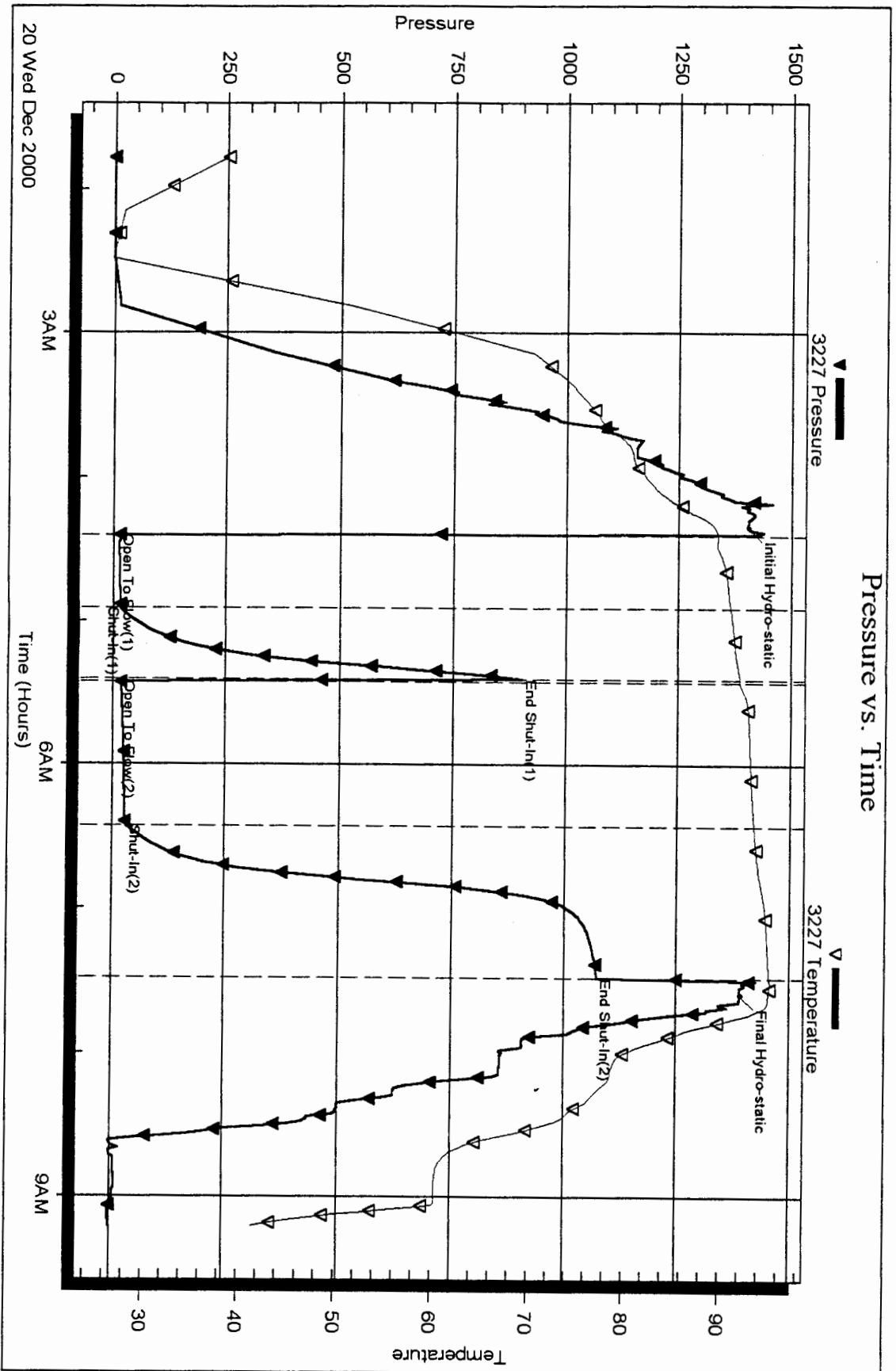
Total Tool Length: 39.02

ORIGINAL

Serial #: 3227

Coral Production Cor

29-17s-12w Barton



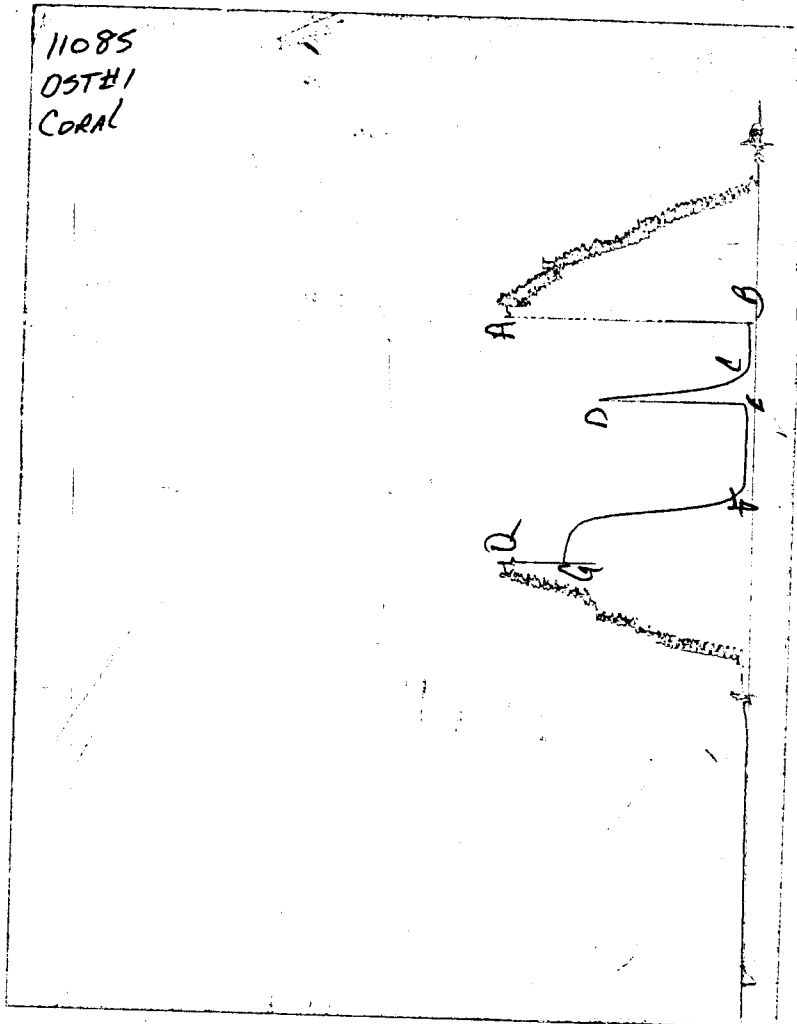
Trilobe Testing Inc.

Ref. No: 14129

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ORIGINAL

CHART PAGE



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

TRILOBITE TESTING ~~LLC~~ ^{IN}

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Nº 14130

Test Ticket

Well Name & No. <u>ROOSTER #1</u>	Test No. <u>2</u>	Date <u>12-21-00</u>
Company <u>CORAL PRODUCTION CORPORATION</u>	Zone Tested <u>LKC H-J</u>	
Address <u>1600 STOUT ST. SUITE 1500 DENVER, CO 80202</u>	Elevation <u>1862</u>	KB <u>1854</u> GL
Co. Rep / Geo. <u>TIM LAUER</u>	Cont. <u>DUKE RIG 8</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>29</u>	Twp. <u>17^S</u>	Rge. <u>12^W</u>
	Co. <u>BARTON</u>	State <u>Ks</u>
No. of Copies <u>Reg</u>	Distribution Sheet (Y, N) <u> </u>	Turnkey (Y, N) <u> </u>
	Evaluation (Y, N) <u> </u>	

Interval Tested <u>3256-3315</u>	Initial Str Wt./Lbs. <u>44000</u>	Unseated Str Wt./Lbs. <u>45000</u>
Anchor Length <u>59</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u>50000</u>
Top Packer Depth <u>3251</u>	Tool Weight <u>2200</u>	
Bottom Packer Depth <u>3256</u>	Hole Size — 7 7/8" <u>yes</u>	Rubber Size — 6 3/4" <u>yes</u>
Total Depth <u>3315</u>	Wt. Pipe Run <u> </u>	Drill Collar Run <u> </u>
Mud Wt. <u>9.4</u> LCM <u>Tr</u> Vis. <u>49</u> WL <u>8.8</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>3252</u>
Blow Description <u>TEP - WEAK TO A STRONG BLOW IN 5 MIN</u>		
<u>FFP - WEAK TO A STRONG BLOW IN 3 MIN</u>		

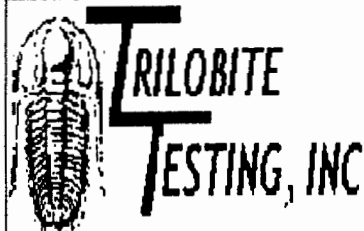
Recovery — Total Feet <u>390</u>	GIP <u>1650</u>	Ft. in DC <u> </u>	Ft. in DP <u>390</u>
Rec. <u>210</u>	Feet Of <u>CLEAN OIL</u>	%gas <u> </u> %oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u>180</u>	Feet Of <u>MGO</u>	%gas <u>55</u> %oil <u> </u>	%water <u>40</u> %mud <u> </u>
Rec. <u> </u>	Feet Of <u> </u>	%gas <u> </u> %oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u>	Feet Of <u> </u>	%gas <u> </u> %oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u>	Feet Of <u> </u>	%gas <u> </u> %oil <u> </u>	%water <u> </u> %mud <u> </u>
BHT <u>105</u>	°F Gravity <u>34</u>	°API D@ <u>50</u>	°F Corrected Gravity <u>35</u> °API <u> </u>
RW <u> </u> @ <u> </u>	°F Chlorides <u> </u>	ppm Recovery <u> </u>	Chlorides <u>6000</u> ppm System <u> </u>

(A) Initial Hydrostatic Mud	AK-1 <u>1585</u>	Alpine	PSI Recorder No. <u>3227</u>	T-On Location <u>1430</u>
(B) First Initial Flow Pressure	<u>17</u>	PSI	(depth) <u>3257</u>	T-Started <u>1455</u>
(C) First Final Flow Pressure	<u>82</u>	PSI	Recorder No. <u>11085</u>	T-Open <u>1700</u>
(D) Initial Shut-In Pressure	<u>1090</u>	PSI	(depth) <u>3279</u>	T-Pulled <u>2000</u>
(E) Second Initial Flow Pressure	<u>85</u>	PSI	Recorder No. <u> </u>	T-Out <u>2235</u>
(F) Second Final Flow Pressure	<u>175</u>	PSI	(depth) <u> </u>	T-Off Location <u>2300</u>
(G) Final Shut-in Pressure	<u>1077</u>	PSI	Initial Opening <u>30</u>	Test <u>✓</u>
(Q) Final Hydrostatic Mud	<u>1582</u>	PSI	Initial Shut-in <u>30</u>	Jars <u> </u>
			Final Flow <u>60</u>	Safety Joint <u>✓</u>
			Final Shut-in <u>60</u>	Straddle <u> </u>
				Circ. Sub <u> </u>
				Sampler <u> </u>
				Extra Packer <u> </u>
				Elec. Rec. <u>✓</u>
				Mileage <u>60</u>
				Other <u> </u>
				TOTAL PRICE <u>✓</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 Tim Lauer

Our Representative RAY SCHWAGER THANK YOU



DRILL STEM TEST REPORT

Coral Production Cor

Koester#1

1600 Stout Street
Suite 1500
Denver Co 80202
ATTN: Tim Lauer

29-17s-12w Barton

Job Ticket: 14130

DST#: 2

Test Start: 2000.12.21 @ 14:55:00

GENERAL INFORMATION:

Formation: LKC H-J

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:57:03

Time Test Ended: 20:00:00

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 16

Interval: 3256.00 ft (KB) To 3315.00 ft (KB) (TVD)

Total Depth: 2979.00 ft (KB)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 1862.00 ft (KB)

1854.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 3227

Press@RunDepth: 175.58 psig @ ft (KB)

Start Date: 2000.12.21

End Date:

2000.12.21

Start Time: 14:51:38

End Time:

22:28:32

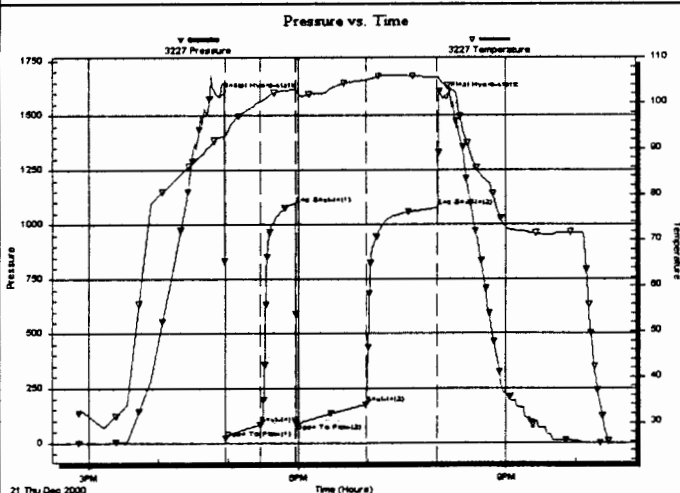
Capacity: 7000.00 psig

Last Calib.: 2000.12.21

Time On Btm: 2000.12.21 @ 16:52:33

Time Off Btm: 2000.12.21 @ 20:06:32

TEST COMMENT: times 30-30-60-60 Had a w k bl back on shut-in
1650 GIP IFP-w k to stg bl in 5min
FFP-w k to stg bl in 3min



PRESSURE SUMMARY

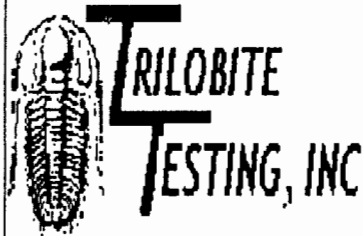
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
121	1585.19	92.49	Initial Hydro-static
126	17.90	92.75	Open To Flow (1)
156	82.77	100.41	Shut-In(1)
186	1090.06	102.82	End Shut-In(1)
187	85.47	102.71	Open To Flow (2)
247	175.58	105.08	Shut-In(2)
309	1077.16	105.56	End Shut-In(2)
315	1582.07	103.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	MGO 5%gas 40% mud 55% oil	2.52
210.00	Clean Oil	2.95

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Cor

Koester#1

1600 Stout Street
Suite 1500
Denver Co 80202
ATTN: Tim Lauer

29-17s-12w Barton

Job Ticket: 14130

DST#: 2

Test Start: 2000.12.21 @ 14:55:00

Tool Information

Drill Pipe:	Length: 3252.00 ft	Diameter: 3.80 inches	Volume: 45.62 bbl	Tool Weight: 2200.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
Drill Pipe Above KB:	20.00 ft			Tool Chased 0.00 ft
Depth to Top Packer:	3251.00 ft			String Weight: Initial 44000.00 lb
Depth to Bottom Packer:	ft			Final 45000.00 lb
Interval between Packers:	ft			
Tool Length:	83.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3233.00	
S.I. Tool	5.00			3238.00	
HYD S.I. Tool	5.00			3243.00	
Safety Joint	3.00			3246.00	
Packer	5.00			3251.00	19.00 Bottom Of Top Packer
Packer	5.00			3256.00	
Stubb	1.00			3257.00	
Recorder	0.01	3227	Inside	3257.01	
Perforations	22.00			3279.01	
Recorder	0.01	11085	Outside	3279.02	
C.O. Sub	1.00			3280.02	
Blank Spacing	31.00			3311.02	
C.O. Sub	1.00			3312.02	
Bullnose	3.00			3315.02	64.02 Bottom Packers & Anchor

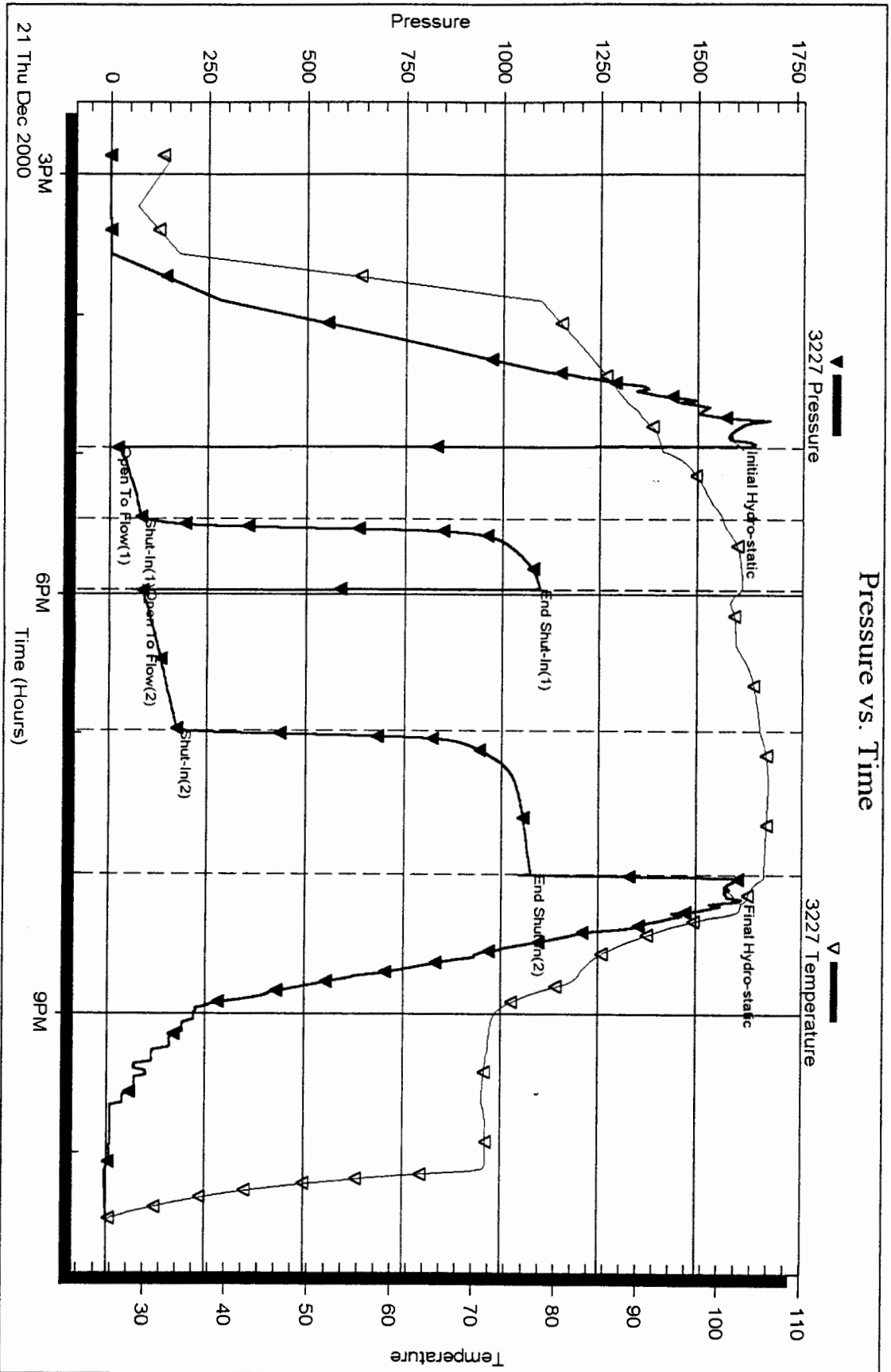
Total Tool Length: 83.02

ORIGINAL

Serial #: 3227

Coral Production Cor

29-17s-12w Barton



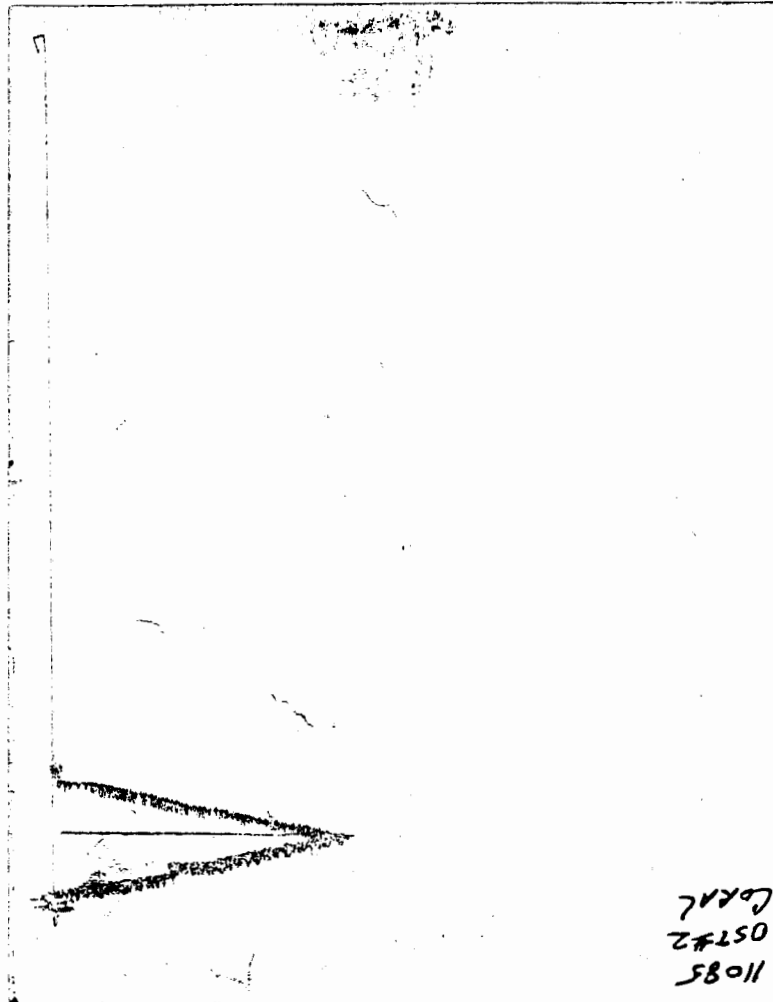
Trioble Testing Inc.

Ref. No: 14130

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ORIGINAL

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

ORIGINAL

Nº 14131

Test Ticket

Well Name & No. <u>ROESTER #1</u>	Test No. <u>3</u>	Date <u>12-22-00</u>
Company <u>CORAL PRODUCTION CORP</u>	Zone Tested <u>ARBuckle</u>	
Address <u>1600 STOUT ST. SUITE 1500 DENVER, CO 80202</u>	Elevation <u>1862</u> KB <u>1854</u> GL	
Co. Rep / Geo. <u>TIM LAUER</u>	Cont. <u>DUKE B</u>	Est. Ft. of Pay <u>-</u> Por. <u>-</u> %
Location: Sec. <u>29</u> Twp. <u>17</u> Rge. <u>12</u>	Co. <u>BARTON</u> State <u>Ks</u>	
No. of Copies <u>Log</u> Distribution Sheet (Y, N) <u>-</u>	Turnkey (Y, N) <u>-</u>	Evaluation (Y, N) <u>-</u>

Interval Tested <u>3358-3400</u>	Initial Str Wt./Lbs. <u>45000</u>	Unseated Str Wt./Lbs. <u>45000</u>
Anchor Length <u>42</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u>50000</u>
Top Packer Depth <u>3353</u>	Tool Weight <u>2200</u>	
Bottom Packer Depth <u>3358</u>	Hole Size — 7 7/8" <u>yes</u>	Rubber Size — 6 3/4" <u>yes</u>
Total Depth <u>3400</u>	Wt. Pipe Run <u>-</u>	Drill Collar Run <u>-</u>
Mud Wt. <u>9.1</u> LCM <u>TR</u> Vis. <u>51</u> WL <u>8.8</u>	Drill Pipe Size <u>4 1/2 X H</u>	Ft. Run <u>3346</u>
Blow Description <u>IFP - WEAK BLOW THROUGHOUT 1/2" TO 2 1/4" BLOW</u>		
<u>FFP - WEAK BLOW THROUGHOUT 1" TO 1 1/4" BLOW</u>		

Recovery — Total Feet <u>150</u>	GIP <u>-</u>	Ft. in DC <u>-</u>	Ft. in DP <u>150</u>
Rec. <u>150</u> Feet Of <u>Muddy WATER</u>	%gas	%oil <u>55</u>	%water <u>45</u> %mud
Rec. <u>-</u> Feet Of <u>w/ show of oil</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 <u>102</u> °F Gravity <u>-</u>	°API D@ <u>-</u>	°F Corrected Gravity <u>-</u>	°API
RW <u>55</u> @ <u>29</u> °F	Chlorides <u>29000</u> ppm Recovery	Chlorides <u>9000</u> ppm System	

(A) Initial Hydrostatic Mud	AK-1 <u>1653</u>	Alpine PSI Recorder No. <u>3227</u>	T-On Location <u>1600</u>
(B) First Initial Flow Pressure	<u>23</u>	PSI (depth) <u>3359</u>	T-Started <u>1806</u>
(C) First Final Flow Pressure	<u>52</u>	PSI Recorder No. <u>11085</u>	T-Open <u>2030</u>
(D) Initial Shut-In Pressure	<u>669</u>	PSI (depth) <u>3365</u>	T-Pulled <u>2330</u>
(E) Second Initial Flow Pressure	<u>56</u>	PSI Recorder No. <u>-</u>	T-Out <u>0150</u>
(F) Second Final Flow Pressure	<u>87</u>	PSI (depth) <u>-</u>	T-Off Location <u>0240</u>
(G) Final Shut-in Pressure	<u>769</u>	PSI Initial Opening <u>30</u>	Test <u>✓</u>
(Q) Final Hydrostatic Mud	<u>1628</u>	PSI Initial Shut-in <u>30</u>	Jars <u>-</u>
		Final Flow <u>60</u>	Safety Joint <u>✓</u>
		Final Shut-in <u>60</u>	Straddle <u>-</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 Tim Lauer
 Our Representative Ray Schwager Thank You

Circ. Sub -
 Sampler -
 Extra Packer -
 Elec. Rec. ✓
 Mileage ✓ 8
 Other -
 TOTAL PRICE \$ ✓



DRILL STEM TEST REPORT

Coral Production Cor

Koester#1

1600 Stout Street
Suite 1500
Denver Co 80202
ATTN: Tim Lauer

29-17s-12w Barton

Job Ticket: 14131

DST#: 3

Test Start: 2000.12.22 @ 18:06:00

GENERAL INFORMATION:

Formation: **arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:28:41

Time Test Ended: 23:32:00

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 16

Interval: 3358.00 ft (KB) To 3400.00 ft (KB) (TVD)

Reference Elevations: 1862.00 ft (KB)

Total Depth: 2979.00 ft (KB)

1854.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 3227

Press@RunDepth: 87.84 psig @ ft (KB)

Capacity: 7000.00 psig

Start Date: 2000.12.22

End Date: 2000.12.23

Last Calib.: 2000.12.23

Start Time: 18:01:16

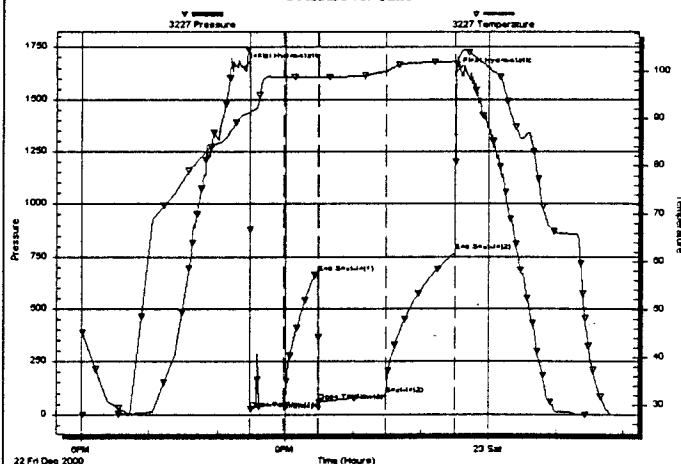
End Time: 01:49:10

Time On Btm: 2000.12.22 @ 20:22:11

Time Off Btm: 2000.12.22 @ 23:31:10

TEST COMMENT: times 30-30-60-60 RW .55 @28F IFP-w k bl 1/2" to 2 1/4"
FFP-w k bl 1" to 1/4"

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
141	1653.27	90.82	Initial Hydro-static
148	23.47	91.46	Open To Flow (1)
177	52.15	98.74	Shut-In(1)
208	669.05	98.78	End Shut-In(1)
208	56.01	98.72	Open To Flow (2)
268	87.84	100.10	Shut-In(2)
329	769.88	102.05	End Shut-In(2)
330	1628.01	102.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	MW 45% mud 55% water w/show of oil	2.10

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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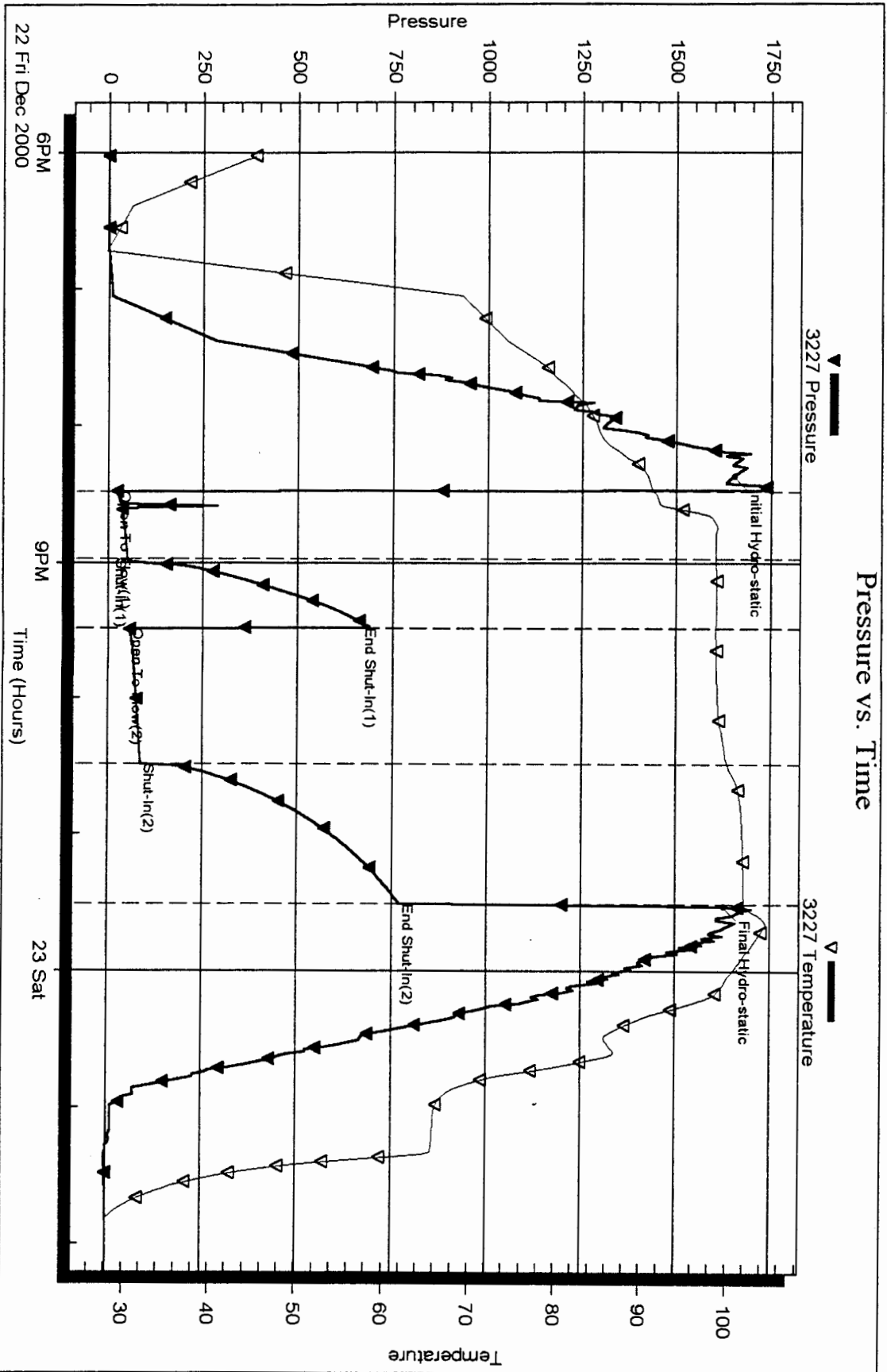
 TRILOBITE TESTING, INC	DRILL STEM TEST REPORT		TOOL DIAGRAM		
	Coral Production Cor 1600 Stout Street Suite 1500 Denver Co 80202 ATTN: Tim Lauer	Koester#1 29-17s-12w Barton Job Ticket: 14131 DST#: 3 Test Start: 2000.12.22 @ 18:06:00			
Tool Information					
Drill Pipe:	Length: 3346.00 ft	Diameter: 3.80 inches	Volume: 46.94 bbl	Tool Weight: 2200.00 lb	
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb	
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb	
Drill Pipe Above KB:	12.00 ft			Tool Chased 0.00 ft	
Depth to Top Packer:	3353.00 ft			String Weight: Initial 45000.00 lb	
Depth to Bottom Packer:	ft			Final 45000.00 lb	
Interval between Packers:	ft				
Tool Length:	66.02 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments					
Tool Description					
	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3335.00	
S.I. Tool	5.00			3340.00	
HYD S.I. Tool	5.00			3345.00	
Safety Joint	3.00			3348.00	
Packer	5.00			3353.00	19.00 Bottom Of Top Packer
Packer	5.00			3358.00	
Stubb	1.00			3359.00	
Recorder	0.01	3227	Inside	3359.01	
Perforations	5.00			3364.01	
C.O. Sub	1.00			3365.01	
Recorder	0.01	11085	Outside	3365.02	
Blank Spacing	31.00			3396.02	
C.O. Sub	1.00			3397.02	
Bullnose	3.00			3400.02	47.02 Bottom Packers & Anchor
Total Tool Length:		66.02			

ORIGINAL

Serial #: 3227

Corel Production Cor

29-17s-12w Barton



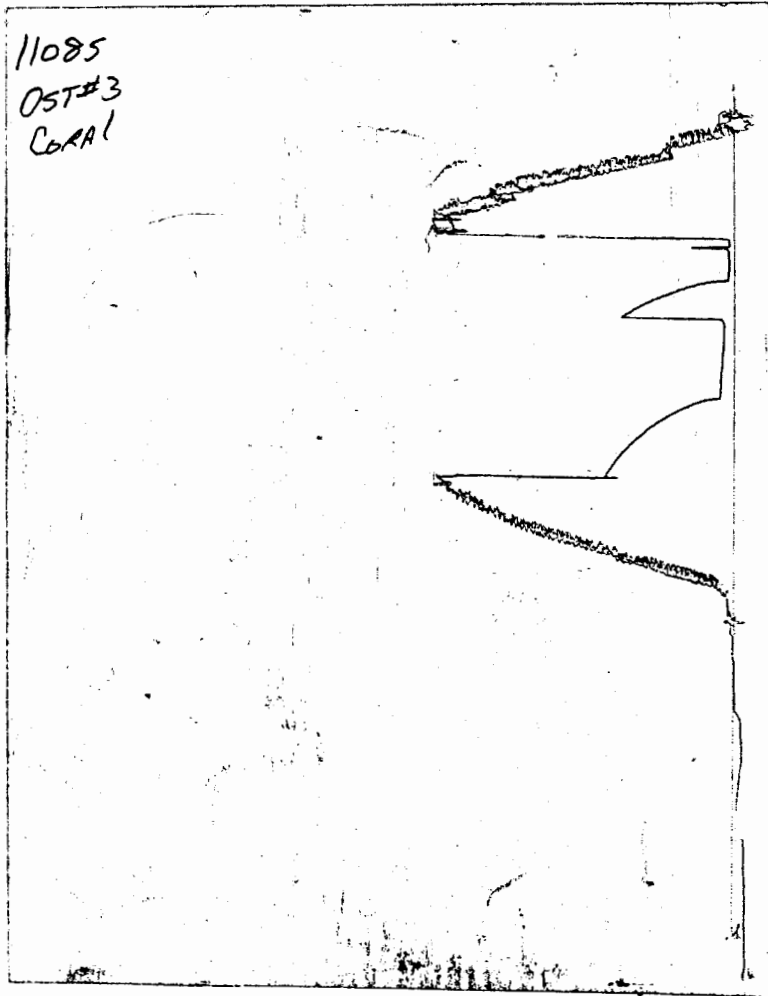
Triobite Testing Inc.

Ref. No: 14131

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ORIGINAL

CHART PAGE



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