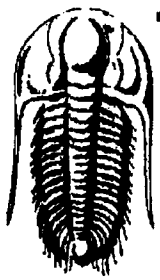


TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **RL Investments**

217 St. Peter St
Morland KS 67650

ATTN: Pat Deenihan

13 15S 24W Trego KS

Kinderknecht #2

Start Date: 2007.04.10 @ 04:14:15

End Date: 2007.04.10 @ 11:54:24

Job Ticket #: 28196 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

DRILL STEM TEST REPORT

RL Investments

217 St. Peter St
Morland KS 67650

ATTN: Pat Deenihan

Kinderknecht #2

13 15S 24W Trego KS

Job Ticket: 28196 **DST#: 1**

Test Start: 2007.04.10 @ 04:14:15

GENERAL INFORMATION:

Formation: **Mississippian**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:22:25
Time Test Ended: 11:54:24

Test Type: Conventional Bottom Hole
Tester: Tyson Flax
Unit No: 21

Interval: 4188.00 ft (KB) To 4231.00 ft (KB) (TVD)
Total Depth: 4231.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

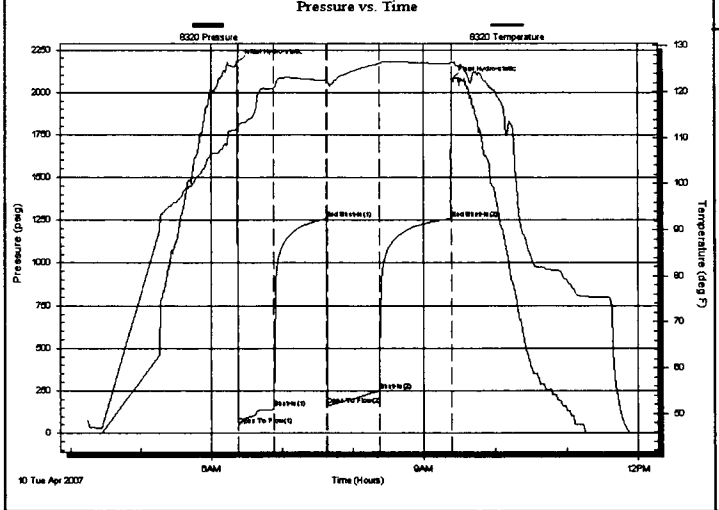
Reference Elevations: 2253.00 ft (KB)
2248.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8320 **Inside**

Press@RunDepth: 250.65 psig @ 4192.00 ft (KB)
Start Date: 2007.04.10 End Date: 2007.04.10
Start Time: 04:14:17 End Time: 11:54:25

Capacity: 7000.00 psig
Last Calib.: 2007.04.10
Time On Btm: 2007.04.10 @ 06:21:55
Time Off Btm: 2007.04.10 @ 09:23:35

TEST COMMENT: IFP BOB in 9.5 min
ISI Weak 1/2 " blow back throughout
FFP BOB in 16 min
FSI Weak blow back built to 2 " died to 1 "



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2175.26	112.11	Initial Hydro-static
1	45.13	112.22	Open To Flow (1)
31	146.92	120.86	Shut-In(1)
76	1259.11	122.53	End Shut-In(1)
76	166.49	122.03	Open To Flow (2)
121	250.65	126.15	Shut-In(2)
182	1258.60	126.05	End Shut-In(2)
182	2074.16	126.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	HOCWM 40%O 20%W 40%M	0.30
380.00	MCO 70%M 30%O	4.79
130.00	CO	1.84

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

RL Investments

217 St. Peter St
Morland KS 67650

ATTN: Pat Deenihan

Kinderknecht #2

13 15S 24W Trego KS

Job Ticket: 28196 **DST#: 1**

Test Start: 2007.04.10 @ 04:14:15

Tool Information

Drill Pipe:	Length:	4051.00 ft	Diameter:	3.82 inches	Volume:	57.42 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	124.00 ft	Diameter:	2.25 inches	Volume:	0.61 bbl	
					Total Volume:	58.03 bbl	

Drill Pipe Above KB:	8.00 ft
Depth to Top Packer:	4188.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	43.00 ft
Tool Length:	64.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2200.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	55000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	47000.00 lb
Final	51000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4168.00		
Shut In Tool	5.00			4173.00		
Hydraulic tool	5.00			4178.00		
Packer	5.00			4183.00	21.00	Bottom Of Top Packer
Packer	5.00			4188.00		
Stubb	1.00			4189.00		
Perforations	2.00			4191.00		
Change Over Sub	1.00			4192.00		
Recorder	0.00	8320	Inside	4192.00		
Blank Spacing	31.00			4223.00		
Change Over Sub	1.00			4224.00		
Perforations	4.00			4228.00		
Recorder	0.00	13401	Inside	4228.00		
Bullnose	3.00			4231.00	43.00	Bottom Packers & Anchor
Total Tool Length:	**64.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

RL Investments

217 St. Peter St
Morland KS 67650

ATTN: Pat Deenihan

Kinderknecht #2

13 15S 24W Trego KS

Job Ticket: 28196 **DST#: 1**

Test Start: 2007.04.10 @ 04:14:15

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	34 deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	58.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.79 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

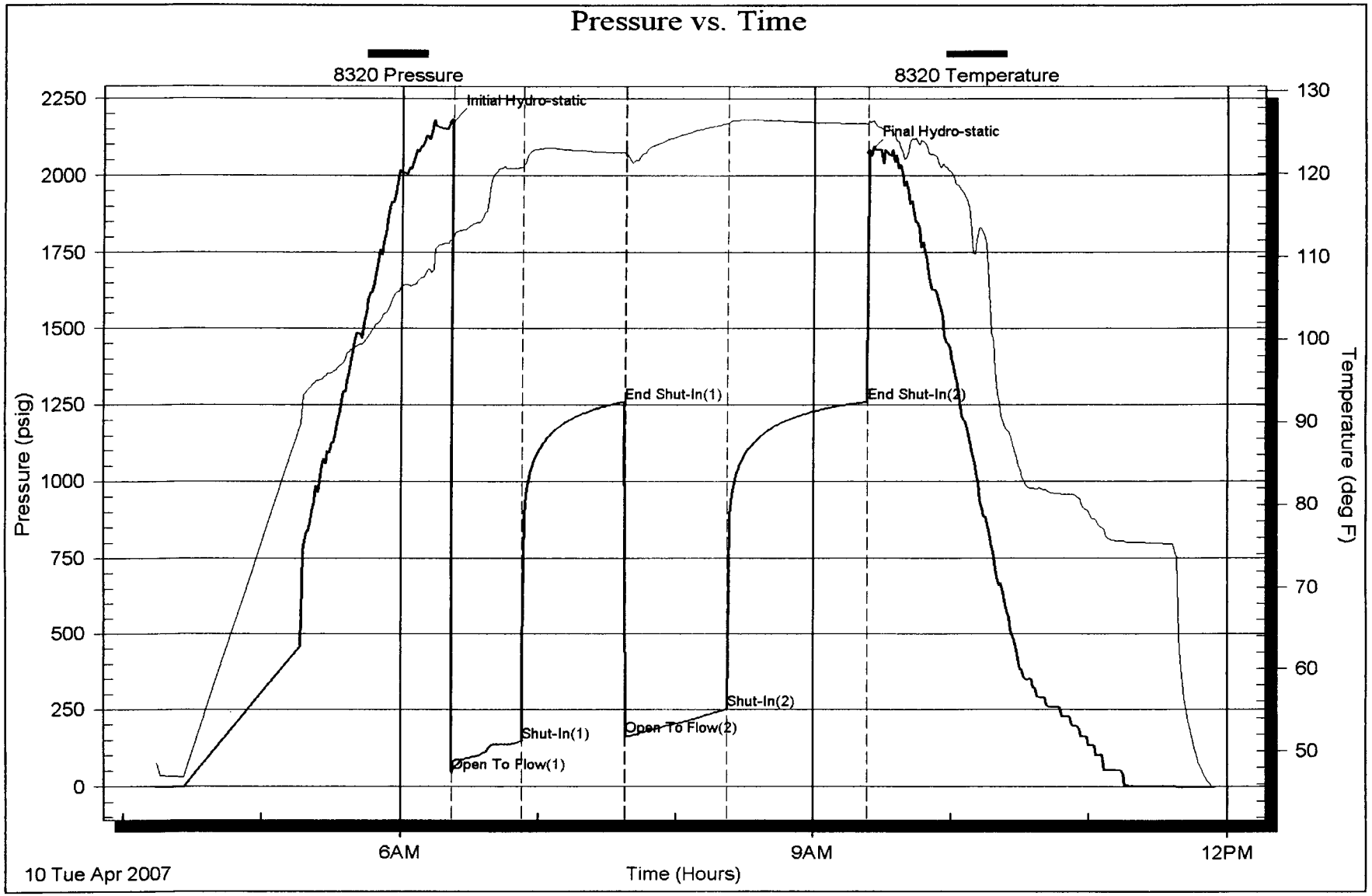
Length ft	Description	Volume bbl
60.00	HOCWM 40%O 20%W 40%M	0.295
380.00	MCO 70%M 30%O	4.794
130.00	CO	1.843

Total Length: 570.00 ft Total Volume: 6.932 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
8320 Pressure
8320 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Open To Flow(1)
Shut-In(2)
Open To Flow(2)
Pressure (psig)
Temperature (deg F)
2250
2000
1750
1500
1250
1000
750
500
250
0
130
120
110
100
90
80
70
60
50
6AM
9AM
12PM
10 Tue Apr 2007
Time (Hours)

28196

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

10/05

1001 2 ✓

Test Ticket

Well Name & No. Kinderknecht #2 Test No. 1 Date 4-10-07

Company RL Investments Zone Tested Miss

Address 217 St. Peter St Morland, KS 67650 Elevation 2253 KB 2248 GL

Co. Rep / Geo. Pat Deenihan Rig WW #2

Location: Sec. 13 Twp. 15S Rge. 24W Co. Trego State KS

Comment: Release date / time:

Interval Tested 4188 - 4231 Initial Str Wt./Lbs. 47000 Unseated Str Wt/Lbs. 51000

Anchor Length 43 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 55000

Top Packer Depth 4183 Tool Weight 2200

Bottom Packer Depth 4188 Hole Size 7 7/8" — Rubber Size 6 3/4" —

Total Depth 4231 Wt. Pipe Run — Drill Collar Run 124

Mud Wt. 9.5 LCM — Vis. 58 WL 8.8 Drill Pipe Size 4½ XH Ft. Run 4051

Blow Description IFP - BOB in 9.5 min

ISI - weak ½" blow back throughout

FFP - BOB in 16 min

FSI - weak blow back built to 2" died to 1"

Recovery - Total Feet 570 GIP Ft. in DC 124 Ft. in DP 446

Rec. 130	Feet of CO	%gas	%oil	%water	%mud
Rec. 380	Feet of MCO	%gas	70 %oil	%water	30 %mud
Rec. 60	Feet of HOCWM	%gas	40 %oil	20 %water	40 %mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud

BHT 126 °F Gravity 33 °API D @ 50 °F Corrected Gravity 34 °API

RW @ °F Chlorides ppm Recovery Chlorides 4000 ppm System

	AK-1	Alpine					
(A) Initial Hydrostatic Mud		2176	PSI	Recorder No.	6320	Test X	1200
(B) First Initial Flow Pressure		45	PSI	(depth)	4192	Jars	
(C) First Final Flow Pressure		147	PSI	Recorder No.	13401	Safety Jt.	
(D) Initial Shut-In Pressure		1259	PSI	(depth)	4228	Circ Sub	
(E) Second Initial Flow Pressure		166	PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure		251	PSI	(depth)		Straddle	
(G) Final Shut-In Pressure		1259	PSI	**Initial Opening**	30	Ext. Packer	
(Q) Final Hydrostatic Mud		2083	PSI	Initial Shut-In	45	Shale Packer	
				Final Flow	45	Ruined Packer	150
				Final Shut-In	60	Mileage X 120	1200
				T-On Location	2:50	Sub Total:	
				T-Started	4:14	Std. By	
				T-Open	6:23	Acc. Chg:	
				T-Pulled	9:23	Other:	50
				T-Out	11:55	Total:	$1350

Approved By Patrick Deenihan

Our Representative

CHART PAGE

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