

15-17s-14w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Reif Oil & Gas**

205 S Center St
Hoisington KS 67544

ATTN: Jim Musgrove

15 17S 14W Barton KS

Linsner #2

Start Date: 2006.07.18 @ 06:28:13

End Date: 2006.07.18 @ 11:43:58

Job Ticket #: 25012 DST #: 1

15-009-24949-00-00

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Reif Oil & Gas

Linsner #2

15 17S 14W Barton KS

DST # 1

Landsing "A&B"

2006.07.18



TRIOBITE TESTING, INC.

DRILL STEM TEST REPORT

Reif Oil & Gas
 205 S. Center St.
 Hosington Ks 67544
 ATTN: Jim Musgrove

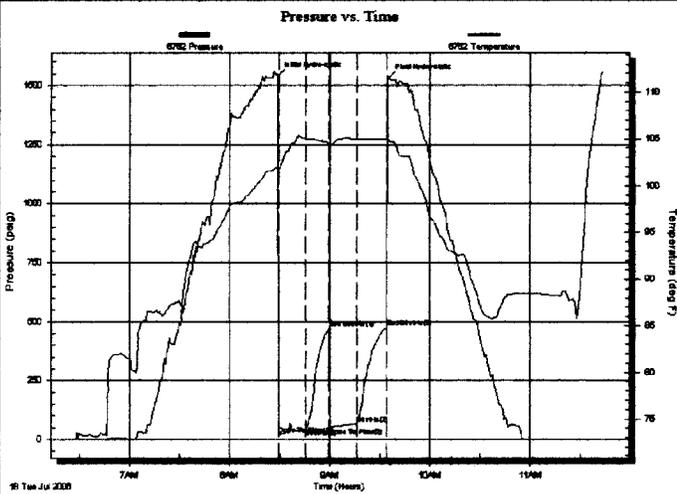
Linsner #2
15-17s-14w Barton Co
 Job Ticket: 25012 **DST#: 1**
 Test Start: 2006.07.18 @ 06:28:13

GENERAL INFORMATION:

Formation: **Landsing "A&B"**
 Deviated: **No Whipstock** ft (KB)
 Test Type: **Conventional Bottom Hole**
 Time Tool Opened: **08:29:43**
 Tester: **John Colavito**
 Time Test Ended: **11:43:58**
 Unit No: **19**
 Interval: **3184.00 ft (KB) To 3222.00 ft (KB) (TVD)**
 Reference Elevations: **1949.00 ft (KB)**
 Total Depth: **3222.00 ft (KB) (TVD)**
1942.00 ft (CF)
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 KB to GR/CF: **7.00 ft**

Serial #: 6752 Inside
 Press@RunDepth: **66.17 psig @ 3185.00 ft (KB)** Capacity: **7000.00 psig**
 Start Date: **2006.07.18** End Date: **2006.07.18** Last Calib.: **2006.07.18**
 Start Time: **06:28:13** End Time: **11:43:58** Time On Btm: **2006.07.18 @ 08:28:58**
 Time Off Btm: **2006.07.18 @ 09:35:13**

TEST COMMENT: IF: No blow. Flush tool. No blow.
 FS: No blow back.
 FF: No blow.
 FS: No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1541.73	101.92	Initial Hydro-static
1	18.88	101.76	Open To Flow (1)
17	42.95	104.98	Shut-in(1)
31	469.93	104.56	End Shut-in(1)
31	50.60	104.42	Open To Flow (2)
48	66.17	104.93	Shut-in(2)
65	474.31	104.93	End Shut-in(2)
67	1533.06	104.73	Final Hydro-static

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 18 2008
CONSERVATION DIVISION
WICHITA, KS

Recovery

Length (ft)	Description	Volume (bbl)
120.00	OSM Trc oil 100% m	0.62

Gas Rates

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

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 18 2008
CONSERVATION DIVISION
WICHITA, KS



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Reif Oil & Gas
205 S Center St
Hoisington KS 67544
ATTN: Jim Musgrove

Linsner #2
15 17S 14W Barton KS
Job Ticket: 25012 **DST#: 1**
Test Start: 2006.07.18 @ 06:28:13

Tool Information

Drill Pipe:	Length: 3071.00 ft	Diameter: 3.80 inches	Volume: 43.08 bbl	Tool Weight: 2000.00 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: 117.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 43.66 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3184.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	58.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3169.00	
Hydraulic tool	5.00			3174.00	
Packer	5.00			3179.00	20.00 Bottom Of Top Packer
Packer	5.00			3184.00	
Stubb	1.00			3185.00	
Recorder	0.00	6752	Inside	3185.00	
Perforations	34.00			3219.00	
Recorder	0.00	6074	Outside	3219.00	
Bullnose	3.00			3222.00	38.00 Bottom Packers & Anchor
Total Tool Length:	58.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Reif Oil & Gas

Linsner #2

205 S Center St
Hoisington KS 67544

15 17S 14W Barton KS

Job Ticket: 25012

DST#: 1

ATTN: Jim Musgrove

Test Start: 2006.07.18 @ 06:28:13

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: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7700.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	OSM Trc Oil 100%M	0.617

Total Length: 120.00 ft

Total Volume: 0.617 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

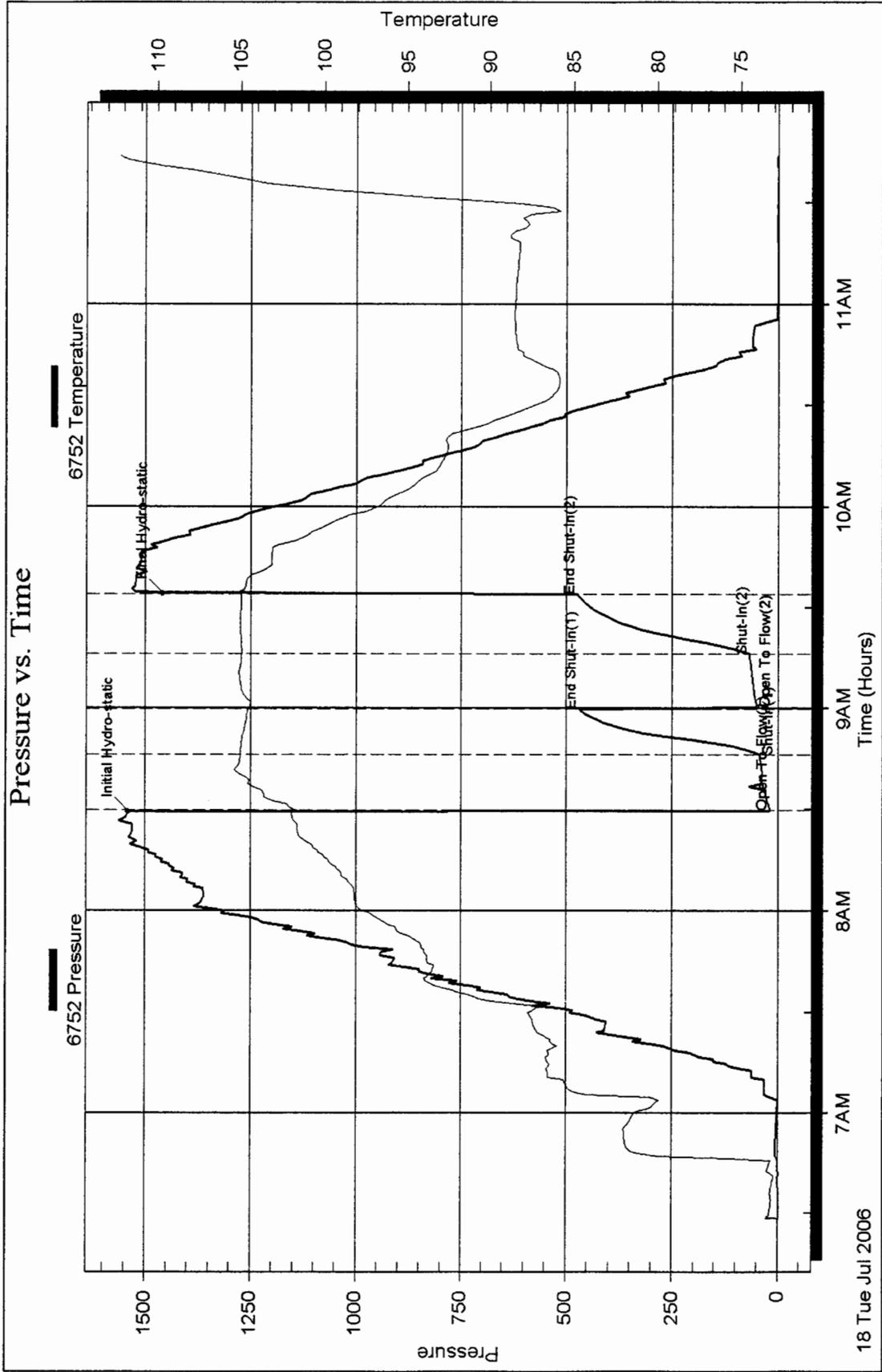
Serial #: 6752

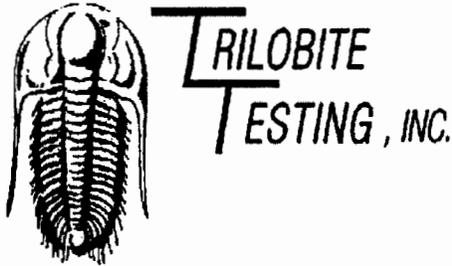
Inside

Reif Oil & Gas

15 17S 14W Barton KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Reif Oil & Gas**

205 S Center St
Hoisington KS 67544

ATTN: Jim Musgrove

15 17S 14W Barton KS

Linsner #2

Start Date: 2006.07.19 @ 02:23:29

End Date: 2006.07.19 @ 08:32:29

Job Ticket #: 25013 DST #: 2

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Reif Oil & Gas
205 S Center St
Hoisington KS 67544
ATTN: Jim Musgrove

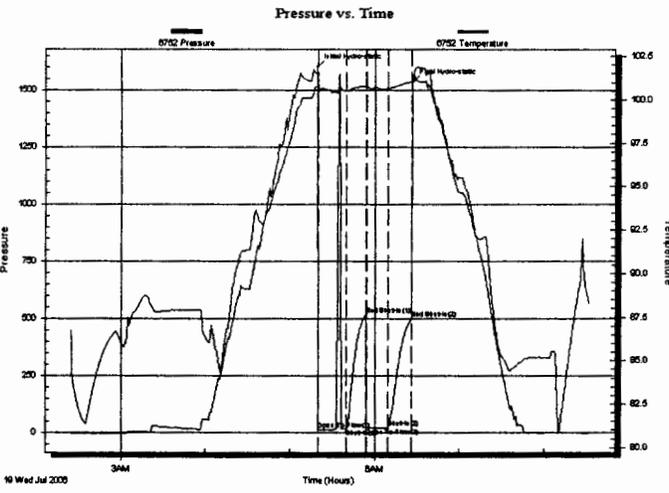
Linsner #2
15 17S 14W Barton KS
Job Ticket: 25013 **DST#: 2**
Test Start: 2006.07.19 @ 02:23:29

GENERAL INFORMATION:

Formation: **Kansas City**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:19:44
Time Test Ended: 08:32:29
Interval: **3231.00 ft (KB) To 3283.00 ft (KB) (TVD)**
Total Depth: **3222.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: John Colavito
Unit No: 19
Reference Elevations: **1949.00 ft (KB)**
1942.00 ft (CF)
KB to GR/CF: **7.00 ft**

Serial #: 6752 **Inside**
Press@RunDepth: **22.78 psig @ 3232.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2006.07.19** End Date: **2006.07.19** Last Calib.: **2006.07.19**
Start Time: **02:23:31** End Time: **08:32:29** Time On Btrn: **2006.07.19 @ 05:19:29**
Time Off Btrn: **2006.07.19 @ 06:26:44**

TEST COMMENT: IF No blow Flush tool No blow
ISI No blow back
FF No blow
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1601.77	100.78	Initial Hydro-static
1	13.95	100.39	Open To Flow (1)
21	19.26	100.52	Shut-In(1)
34	517.80	100.77	End Shut-In(1)
35	20.66	100.70	Open To Flow (2)
50	22.78	100.62	Shut-In(2)
67	500.76	101.03	End Shut-In(2)
68	1535.42	101.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Watery Mud 10%W 90%M	0.10

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Reif Oil & Gas
205 S Center St
Hoisington KS 67544
ATTN: Jim Musgrove

Linsner #2
15 17S 14W Barton KS
Job Ticket: 25013 **DST#: 2**
Test Start: 2006.07.19 @ 02:23:29

Tool Information

Drill Pipe:	Length: 3103.00 ft	Diameter: 3.80 inches	Volume: 43.53 bbl	Tool Weight:	2000.00 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: 117.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 44.11 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial	46000.00 lb
Depth to Top Packer:	3231.00 ft			Final	47000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	52.00 ft				
Tool Length:	72.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3216.00	
Hydraulic tool	5.00			3221.00	
Packer	5.00			3226.00	20.00 Bottom Of Top Packer
Packer	5.00			3231.00	
Stubb	1.00			3232.00	
Recorder	0.00	6752	Inside	3232.00	
Perforations	5.00			3237.00	
Change Over Sub	1.00			3238.00	
Blank Spacing	31.00			3269.00	
Change Over Sub	1.00			3270.00	
Perforations	10.00			3280.00	
Recorder	0.00	6074	Outside	3280.00	
Bullnose	3.00			3283.00	52.00 Bottom Packers & Anchor

Total Tool Length: 72.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Reif Oil & Gas

Linsner #2

205 S Center St
Hoisington KS 67544

15 17S 14W Barton KS

Job Ticket: 25013

DST#: 2

ATTN: Jim Musgrove

Test Start: 2006.07.19 @ 02:23:29

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: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7700.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Watery Mud 10%W 90%M	0.098

Total Length: 20.00 ft

Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

