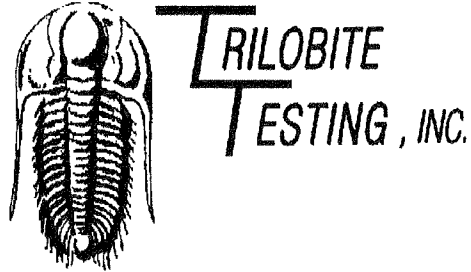


15-063-21637

24-13s-30w



DRILL STEM TEST REPORT

Prepared For: **TNT Engineering Inc**

Wichita Falls TX 78308

ATTN: Jim Musgrove

24 13 30 Gove KS

James P Losey Trust #2

Start Date: 2006.10.24 @ 18:05:18

End Date: 2006.10.24 @ 23:40:12

Job Ticket #: 25573 DST #: 1

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

CONFIDENTIAL
28-08



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TNT Engineering Inc
Wichita Falls TX 78308

ATTN: Jim Musgrove

James P Losey Trust #2

24 13 30 Gove KS

Job Ticket: 25573

DST#: 1

Test Start: 2006.10.24 @ 18:05:18

GENERAL INFORMATION:

Formation: **miss**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 20:15:00
Time Test Ended: 23:40:12

Test Type: Conventional Bottom Hole
Tester: Shane McBride
Unit No: A&A #2

Interval: **4472.00 ft (KB) To 4525.00 ft (KB) (TVD)**
Total Depth: **4525.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2858.00 ft (KB)**
2853.00 ft (CF)
KB to GR/CF: **5.00 ft**

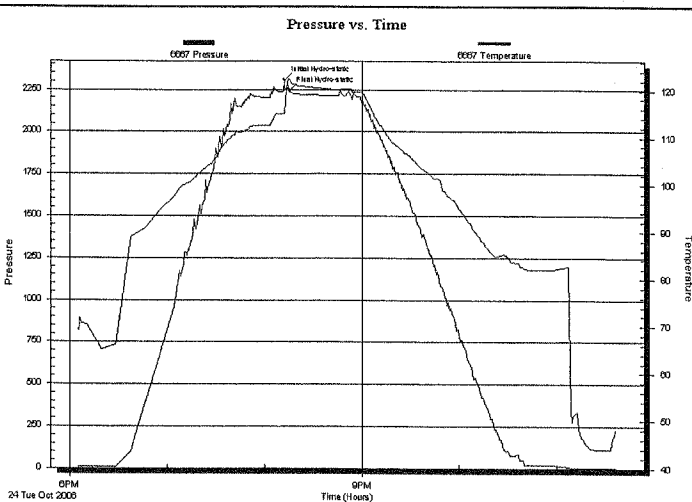
Serial #: 6667

Inside

Press@RunDepth: **psig @ 4473.00 ft (KB)**
Start Date: **2006.10.24** End Date: **2006.10.24**
Start Time: **18:05:18** End Time: **23:36:12**

Capacity: **7000.00 psig**
Last Calib.: **2006.10.24**
Time On Btm: **2006.10.24 @ 20:11:43**
Time Off Btm: **2006.10.24 @ 20:15:13**

TEST COMMENT: Packers failed @ open reset failed again pull tool



PRESSURE SUMMARY

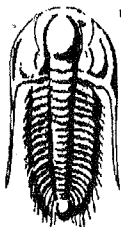
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2306.25	115.09	Initial Hydro-static
4	2240.63	122.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	Mud	2.81

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

TNT Engineering Inc

Wichita Falls TX 78308

ATTN: Jim Musgrove

James P Losey Trust #2

24 13 30 Gove KS

Job Ticket: 25573

DST#: 1

Test Start: 2006.10.24 @ 18:05:18

Tool Information

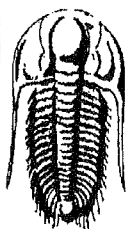
Drill Pipe:	Length: 4479.00 ft	Diameter: 3.80 inches	Volume: 62.83 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	43000.00 lb
		Total Volume:	62.83 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial	42000.00 lb
Depth to Top Packer:	4472.00 ft			Final	43000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	53.00 ft				
Tool Length:	73.00 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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Change Over Sub	1.00		4453.00	
Shut In Tool	5.00		4458.00	
Hydraulic tool	5.00		4463.00	
Packer	5.00	Fluid	4468.00	20.00 Bottom Of Top Packer
Packer	4.00		4472.00	
Stubb	1.00		4473.00	
Recorder	0.00	6667 Inside	4473.00	
Perforations	16.00		4489.00	
Drill Pipe	31.00		4520.00	
Recorder	0.00	11058 Inside	4520.00	
Bullnose	5.00		4525.00	53.00 Bottom Packers & Anchor

Total Tool Length: 73.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

TNT Engineering Inc

James P Losey Trust #2

Wichita Falls TX 78308

24 13 30 Gove KS

Job Ticket: 25573

DST#: 1

ATTN: Jim Musgrove

Test Start: 2006.10.24 @ 18:05:18

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.55 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
200.00	Mud	2.805

Total Length: 200.00 ft

Total Volume: 2.805 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

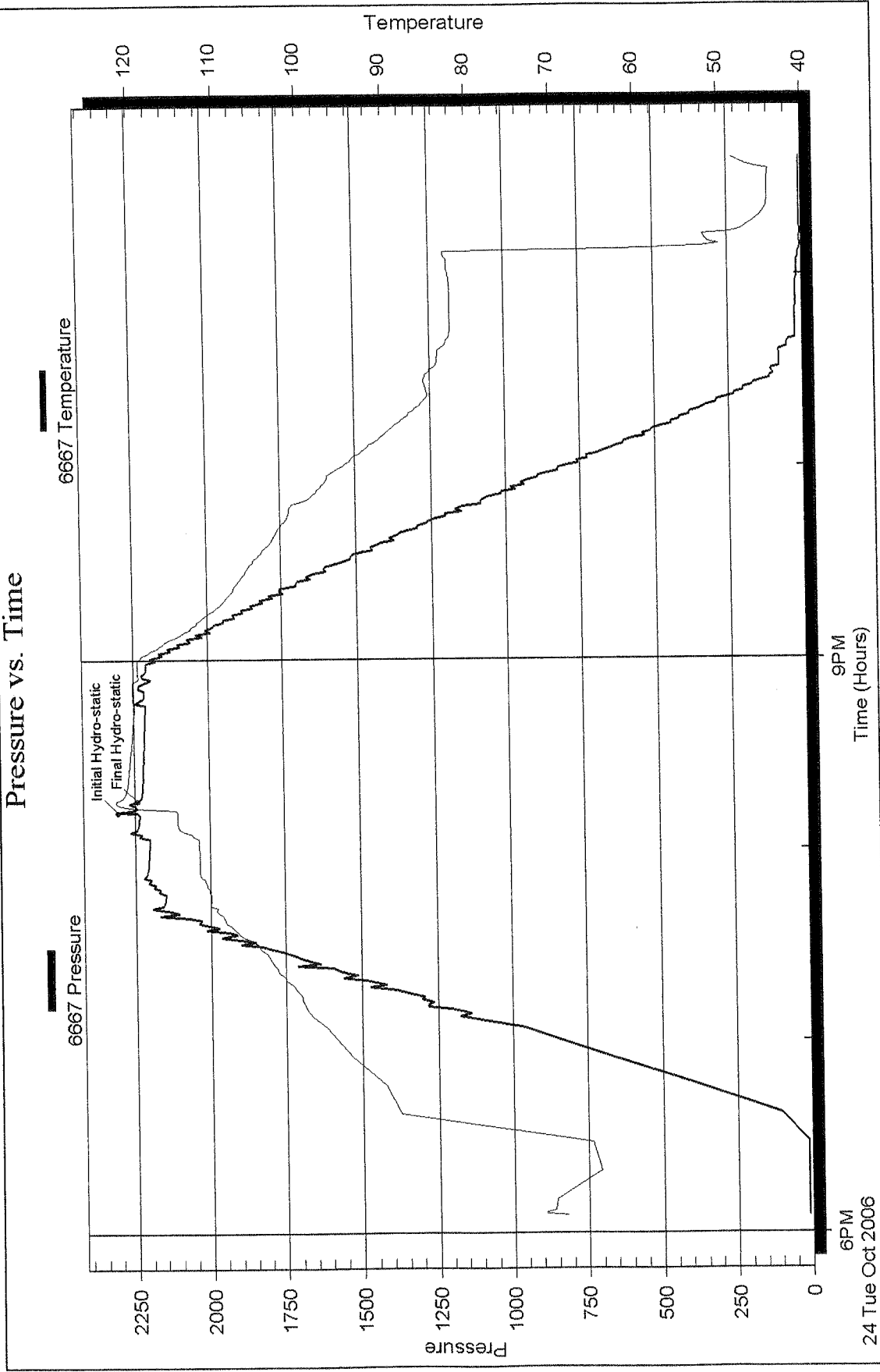
24 13 30 Gove KS

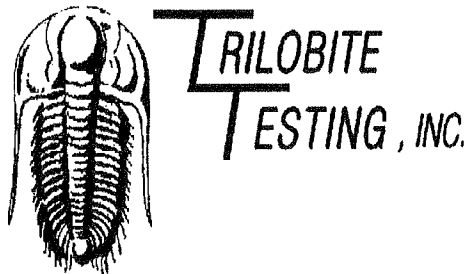
TNT Engineering Inc

Inside

Serial #: 6667

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **TNT Engineering Inc**

Wichita Falls TX 78308

ATTN: Jim Musgrove

24 13 30 Gove KS

James P Losey Trust #2

Start Date: 2006.10.24 @ 23:48:56

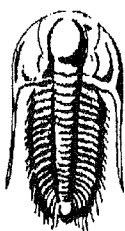
End Date: 2006.10.25 @ 10:45:51

Job Ticket #: 25574 DST #: 2

Trilobite Testing, Inc

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TNT Engineering Inc
Wichita Falls TX 78308
ATTN: Jim Musgrove

James P Losey Trust #2

24 13 30 Gove KS

Job Ticket: 25574

DST#: 2

Test Start: 2006.10.24 @ 23:48:56

GENERAL INFORMATION:

Formation: **miss**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 01:52:36
Time Test Ended: 10:45:51

Test Type: Conventional Bottom Hole
Tester: Shane McBride
Unit No: A&A #2

Interval: **4491.00 ft (KB) To 4525.00 ft (KB) (TVD)**
Total Depth: **4525.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**

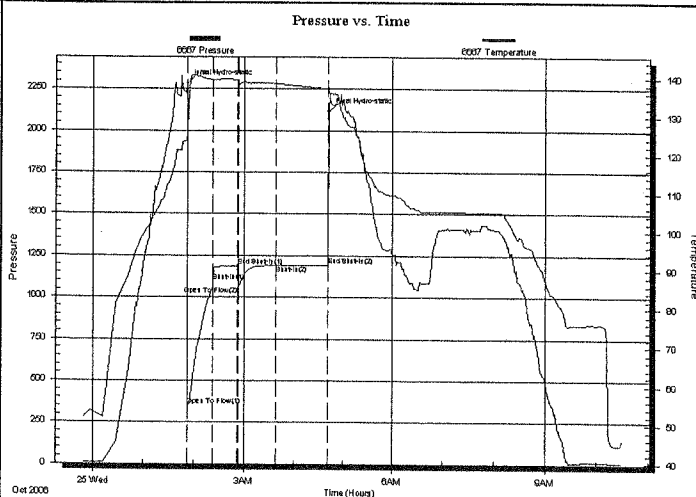
Reference Elevations: **2858.00 ft (KB)**
2853.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 6667 **Inside**

Press@RunDepth: **1189.30 psig @ 4492.00 ft (KB)**
Start Date: **2006.10.24** End Date: **2006.10.25**
Start Time: **23:48:56** End Time: **10:30:51**

Capacity: **7000.00 psig**
Last Calib.: **2006.10.25**
Time On Btm: **2006.10.25 @ 01:52:21**
Time Off Btm: **2006.10.25 @ 04:42:35**

TEST COMMENT: BOB in 1 min.
Bled of for 2 1/2 min. return blow in 4 min built to 1/4 " died in 7 min.
BOB in 2 min. died back to 3 "
Bled off for 1 min. No return



PRESSURE SUMMARY

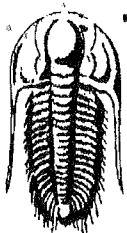
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2281.92	125.55	Initial Hydro-static
1	347.50	126.22	Open To Flow (1)
31	1094.87	139.52	Shut-In(1)
61	1187.57	139.57	End Shut-In(1)
61	1065.64	139.38	Open To Flow(2)
106	1189.30	138.65	Shut-In(2)
170	1190.29	137.28	End Shut-In(2)
171	2113.87	137.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
504.00	CSGO 7%G 93%O	7.07
2646.00	CSGO 7%G 93%O reversed out	37.12
126.00	MCSGO 5%G 40%M 55%O under circ	s1.77
0.00	60 ' of Gas in pipe	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

TNT Engineering Inc
Wichita Falls TX 78308

ATTN: Jim Musgrove

James P Losey Trust #2
24 13 30 Gove KS
Job Ticket: 25574 DST#: 2
Test Start: 2006.10.24 @ 23:48:56

Tool Information

Drill Pipe:	Length: 4479.00 ft	Diameter: 3.80 inches	Volume: 62.83 bbl	Tool Weight:	1500.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	75000.00 lb
		Total Volume:	62.83 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	42000.00 lb
Depth to Top Packer:	4491.00 ft			Final	55000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	34.00 ft				
Tool Length:	54.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4472.00		
Shut In Tool	5.00			4477.00		
Hydraulic tool	5.00			4482.00		
Packer	5.00		Fluid	4487.00	20.00	Bottom Of Top Packer
Packer	4.00			4491.00		
Stubb	1.00			4492.00		
Recorder	0.00	6667	Inside	4492.00		
Perforations	28.00			4520.00		
Recorder	0.00	11058	Inside	4520.00		
Bullnose	5.00			4525.00	34.00	Bottom Packers & Anchor
Total Tool Length:		54.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

TNT Engineering Inc
Wichita Falls TX 78308
ATTN: Jim Musgrove

James P Losey Trust #2
24 13 30 Gove KS
Job Ticket: 25574 **DST#: 2**
Test Start: 2006.10.24 @ 23:48:56

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 10.00 lb/gal
Viscosity: 51.00 sec/qt
Water Loss: 9.51 in³
Resistivity: 0.00 ohm.m
Salinity: 2600.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig
Oil API: 29 deg API
Water Salinity: 0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
504.00	CSGO 7%G 93%O	7.070
2646.00	CSGO 7%G 93%O reversed out	37.116
126.00	MCSGO 5%G 40%M 55%O under circ. sub	1.767
0.00	60 ' of Gas in pipe	0.000

Total Length: 3276.00 ft Total Volume: 45.953 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

