



DRILL STEM TEST REPORT

Prepared For: **TDI Inc**

1310 Bison Rd
Hays KS 67601-9696

ATTN: Herb Deines

Lynette #1

6 12s 18w Ellis,KS

Start Date: 2016.04.11 @ 06:08:00

End Date: 2016.04.11 @ 12:07:00

Job Ticket #: 64770 DST #: 1

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

Printed: 2016.04.13 @ 08:15:42

TDI Inc
6 12s 18w Ellis,KS
Lynette #1
DST # 1
LKC " C "
2016.04.11



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TDI Inc
1310 Bison Rd
Hays KS 67601-9696
ATTN: Herb Deines

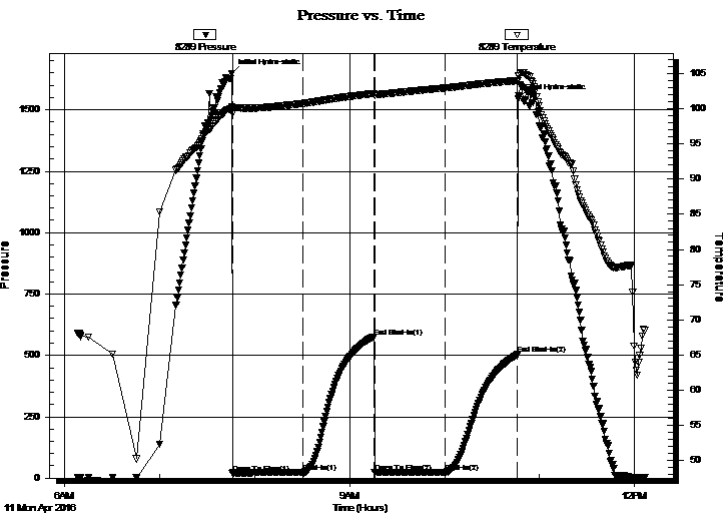
6 12s 18w Ellis,KS
Lynette #1
Job Ticket: 64770 **DST#: 1**
Test Start: 2016.04.11 @ 06:08:00

GENERAL INFORMATION:

Formation: **LKC " C "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:45:45
Time Test Ended: 12:07:00
Interval: **3431.00 ft (KB) To 3470.00 ft (KB) (TVD)**
Total Depth: 3470.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Jim Svaty
Unit No: 76
Reference Elevations: 2145.00 ft (KB)
2137.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8289 Outside
Press@RunDepth: 24.21 psig @ 3435.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.04.11 End Date: 2016.04.11 Last Calib.: 2016.04.11
Start Time: 06:08:02 End Time: 12:07:00 Time On Btm: 2016.04.11 @ 07:45:30
Time Off Btm: 2016.04.11 @ 10:46:30

TEST COMMENT: 45-IFP- 1 3/4". Blow in 11 min. Died Back in 30 min.
45-ISIP- No Blow
45-FFP- No Blow
45-FSIP- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1648.95	100.31	Initial Hydro-static
1	20.41	99.37	Open To Flow (1)
45	22.60	100.79	Shut-In(1)
90	576.01	102.21	End Shut-In(1)
91	22.46	101.97	Open To Flow (2)
135	24.21	103.01	Shut-In(2)
181	503.66	104.05	End Shut-In(2)
181	1544.43	104.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	OSM 100%	0.21

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

TDI Inc
1310 Bison Rd
Hays KS 67601-9696
ATTN: Herb Deines

6 12s 18w Ellis,KS
Lynette #1
Job Ticket: 64770 **DST#: 1**
Test Start: 2016.04.11 @ 06:08:00

Tool Information

Drill Pipe:	Length: 3421.00 ft	Diameter: 3.80 inches	Volume: 47.99 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	45000.00 lb
			<u>Total Volume: 47.99 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial	42000.00 lb
Depth to Top Packer:	3431.00 ft			Final	42000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	39.00 ft				
Tool Length:	60.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3411.00	
Shut In Tool	5.00			3416.00	
Hydraulic tool	5.00			3421.00	
Packer	5.00			3426.00	21.00 Bottom Of Top Packer
Packer	5.00			3431.00	
Stubb	1.00			3432.00	
Perforations	2.00			3434.00	
Change Over Sub	1.00			3435.00	
Recorder	0.00	8789	Inside	3435.00	
Recorder	0.00	8289	Outside	3435.00	
Blank Spacing	31.00			3466.00	
Change Over Sub	1.00			3467.00	
Bullnose	3.00			3470.00	39.00 Bottom Packers & Anchor

Total Tool Length: 60.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

TDI Inc
1310 Bison Rd
Hays KS 67601-9696
ATTN: Herb Deines

6 12s 18w Ellis,KS
Lynette #1
Job Ticket: 64770 **DST#: 1**
Test Start: 2016.04.11 @ 06:08:00

Mud and Cushion Information

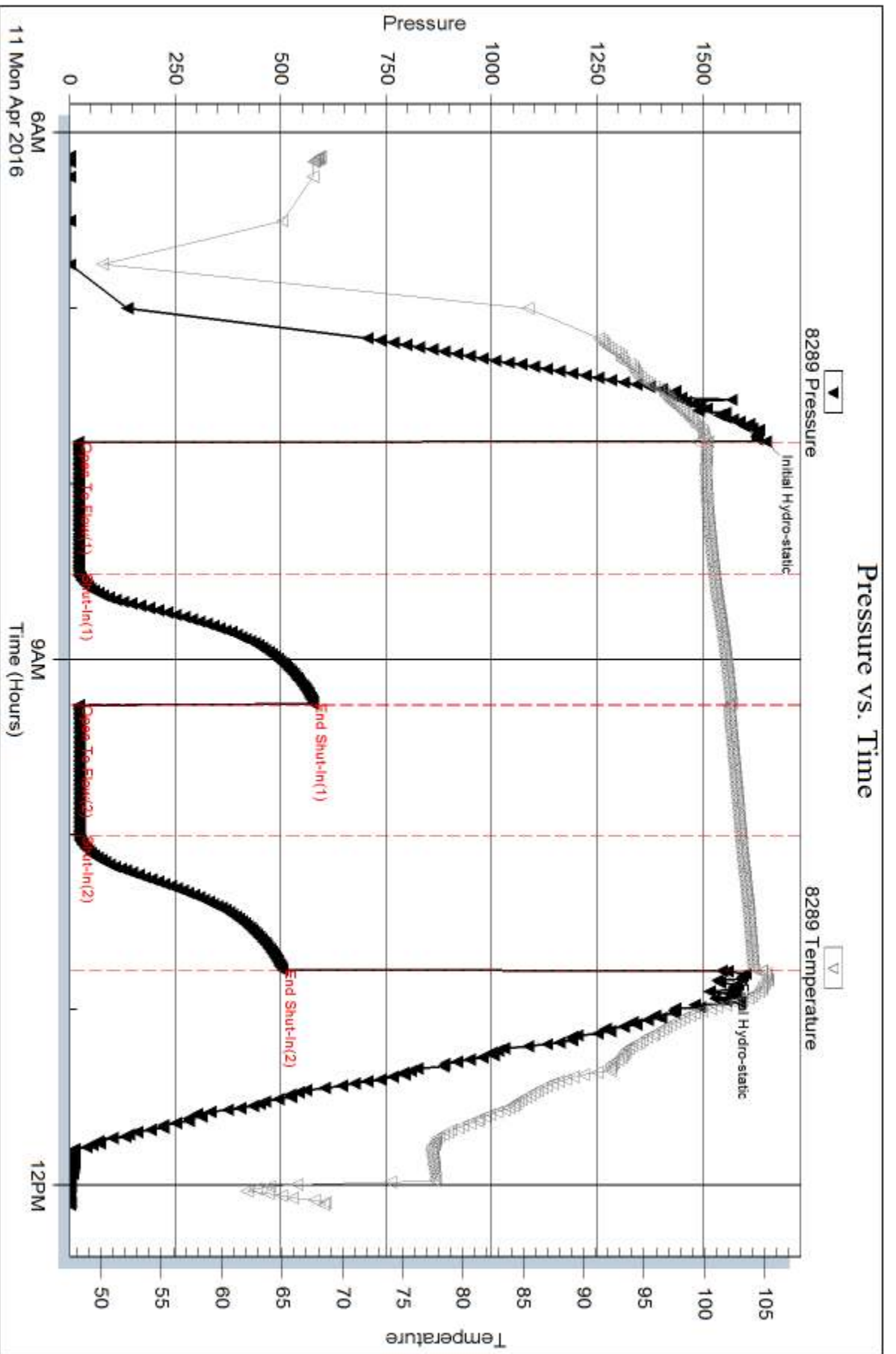
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.17 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1500.00 ppm			
Filter Cake: 2.00 inches			

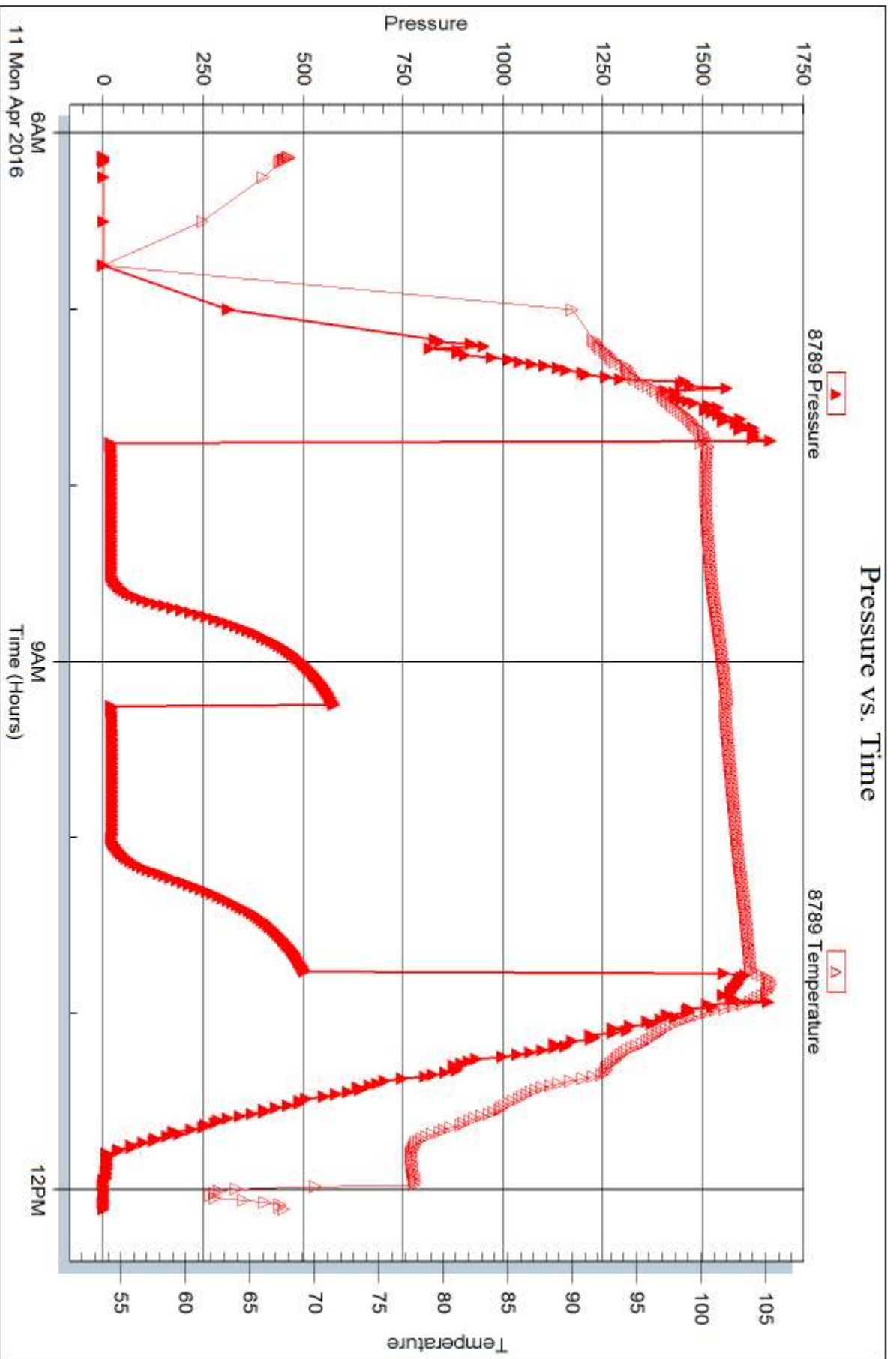
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	OSM 100%	0.210

Total Length: 15.00 ft Total Volume: 0.210 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **TDI Inc**

1310 Bison Rd
Hays KS 67601-9696

ATTN: Herb Deines

Lynette #1

6 12s 18w Ellis,KS

Start Date: 2016.04.11 @ 16:27:00

End Date: 2016.04.11 @ 22:21:00

Job Ticket #: 64771 DST #: 2

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

Printed: 2016.04.13 @ 08:15:07

TDI Inc
6 12s 18w Ellis,KS
Lynette #1
DST # 2
LKC " D "
2016.04.11



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TDI Inc
1310 Bison Rd
Hays KS 67601-9696
ATTN: Herb Deines

6 12s 18w Ellis,KS
Lynette #1
Job Ticket: 64771 **DST#: 2**
Test Start: 2016.04.11 @ 16:27:00

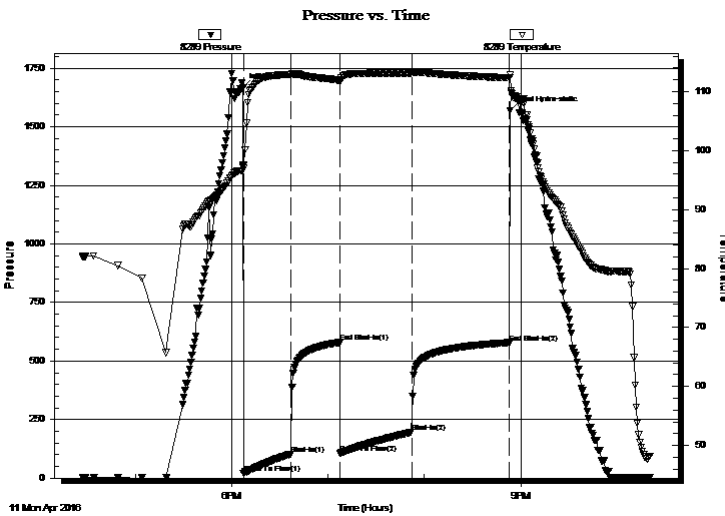
GENERAL INFORMATION:

Formation: **LKC " D "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:07:15
Time Test Ended: 22:21:00
Interval: **3468.00 ft (KB) To 3490.00 ft (KB) (TVD)**
Total Depth: 3490.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 2145.00 ft (KB)
2137.00 ft (CF)
KB to GR/CF: 8.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Jim Svaty
Unit No: 76

Serial #: 8289 Outside
Press@RunDepth: 196.41 psig @ 3473.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.04.11 End Date: 2016.04.11 Last Calib.: 2016.04.11
Start Time: 16:27:02 End Time: 22:20:45 Time On Btm: 2016.04.11 @ 18:07:00
Time Off Btm: 2016.04.11 @ 20:53:15

TEST COMMENT: 30-IFP- BOB in 13 min.
30-ISIP- No Blow
45-FFP- BOB in 19 min.
60-FSIP- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1667.59	97.53	Initial Hydro-static
1	21.49	96.98	Open To Flow (1)
30	102.73	112.93	Shut-In(1)
61	579.34	111.91	End Shut-In(1)
61	106.27	111.67	Open To Flow (2)
105	196.41	113.15	Shut-In(2)
166	578.53	112.35	End Shut-In(2)
167	1568.41	112.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
375.00	Water 100%	5.26

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

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TDI Inc
1310 Bison Rd
Hays KS 67601-9696
ATTN: Herb Deines

6 12s 18w Ellis, KS
Lynette #1
Job Ticket: 64771 **DST#: 2**
Test Start: 2016.04.11 @ 16:27:00

GENERAL INFORMATION:

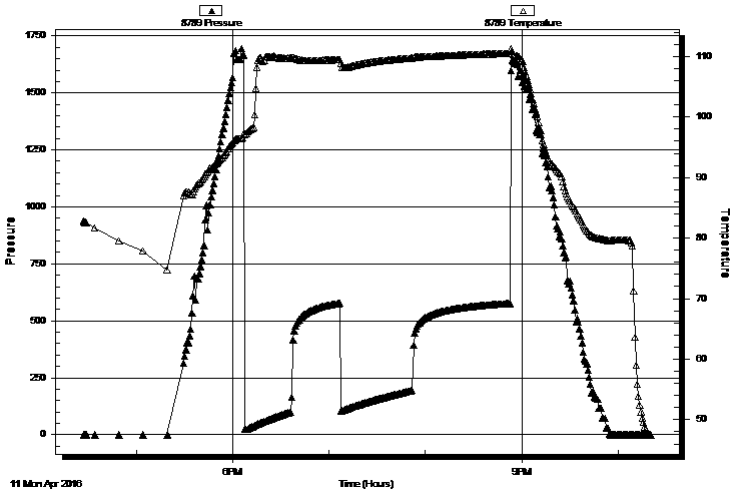
Formation: **LKC " D "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:07:15
Time Test Ended: 22:21:00
Interval: **3468.00 ft (KB) To 3490.00 ft (KB) (TVD)**
Total Depth: 3490.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Jim Svaty
Unit No: 76
Reference Elevations: 2145.00 ft (KB)
2137.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8789 Inside

Press@RunDepth: psig @ 3473.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.04.11 End Date: 2016.04.11 Last Calib.: 2016.04.11
Start Time: 16:27:02 End Time: 22:20:30 Time On Btm:
Time Off Btm:

TEST COMMENT: 30-IFP- BOB in 13 min.
30-ISIP- No Blow
45-FFP- BOB in 19 min.
60-FSIP- No Blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
375.00	Water 100%	5.26

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

TDI Inc
1310 Bison Rd
Hays KS 67601-9696
ATTN: Herb Deines

6 12s 18w Ellis,KS
Lynette #1
Job Ticket: 64771 **DST#: 2**
Test Start: 2016.04.11 @ 16:27:00

Tool Information

Drill Pipe:	Length: 3452.00 ft	Diameter: 3.80 inches	Volume: 48.42 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	46000.00 lb
			<u>Total Volume: 48.42 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	42000.00 lb
Depth to Top Packer:	3468.00 ft			Final	44000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	22.00 ft				
Tool Length:	43.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3448.00	
Shut In Tool	5.00			3453.00	
Hydraulic tool	5.00			3458.00	
Packer	5.00			3463.00	21.00 Bottom Of Top Packer
Packer	5.00			3468.00	
Stubb	1.00			3469.00	
Perforations	4.00			3473.00	
Recorder	0.00	8789	Inside	3473.00	
Recorder	0.00	8289	Outside	3473.00	
Blank Spacing	14.00			3487.00	
Bullnose	3.00			3490.00	22.00 Bottom Packers & Anchor

Total Tool Length: 43.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

TDI Inc
1310 Bison Rd
Hays KS 67601-9696
ATTN: Herb Deines

6 12s 18w Ellis,KS
Lynette #1
Job Ticket: 64771 **DST#: 2**
Test Start: 2016.04.11 @ 16:27:00

Mud and Cushion Information

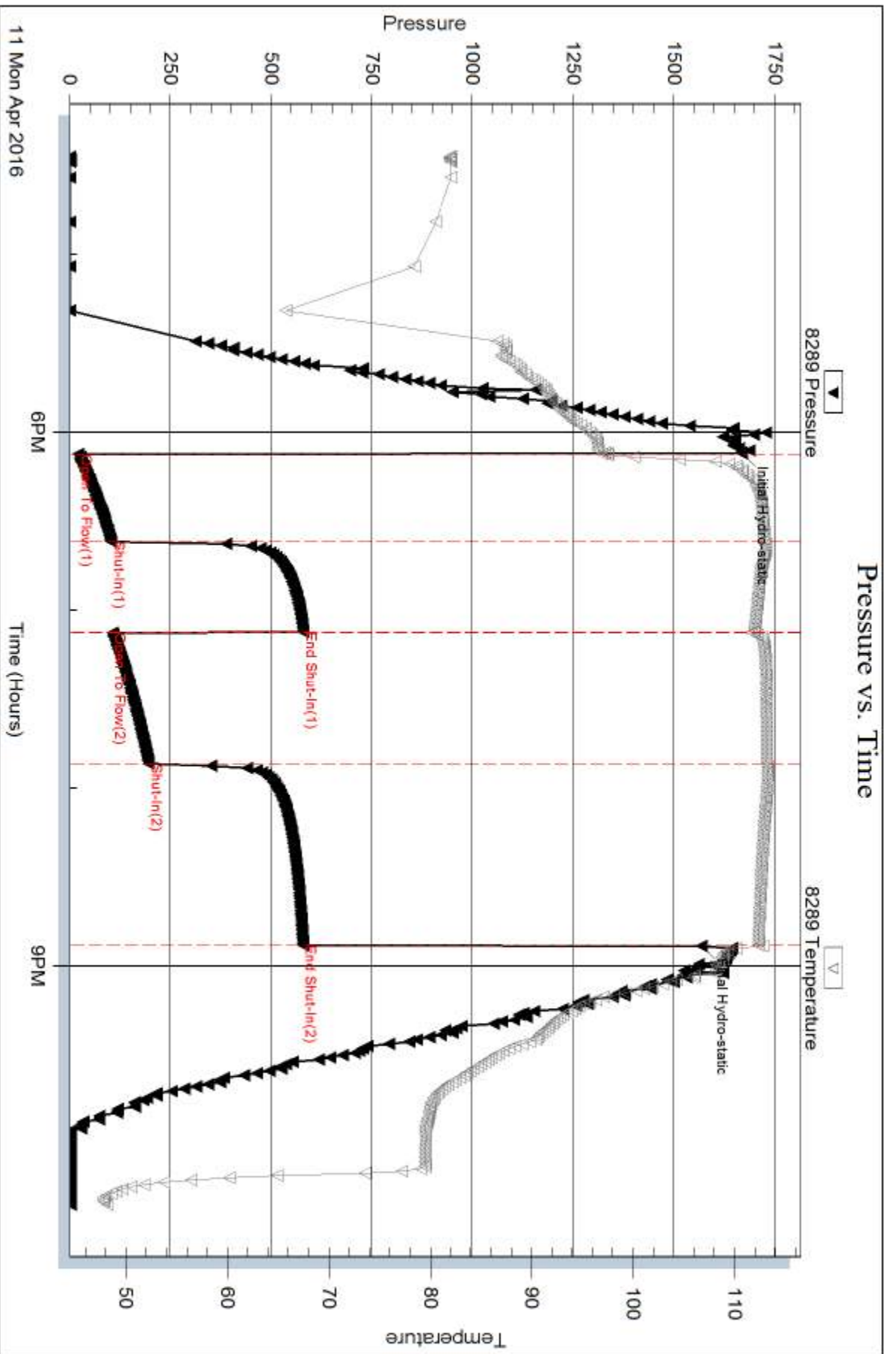
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	110000 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.58 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1600.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
375.00	Water 100%	5.260

Total Length: 375.00 ft Total Volume: 5.260 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: .096 @ 54



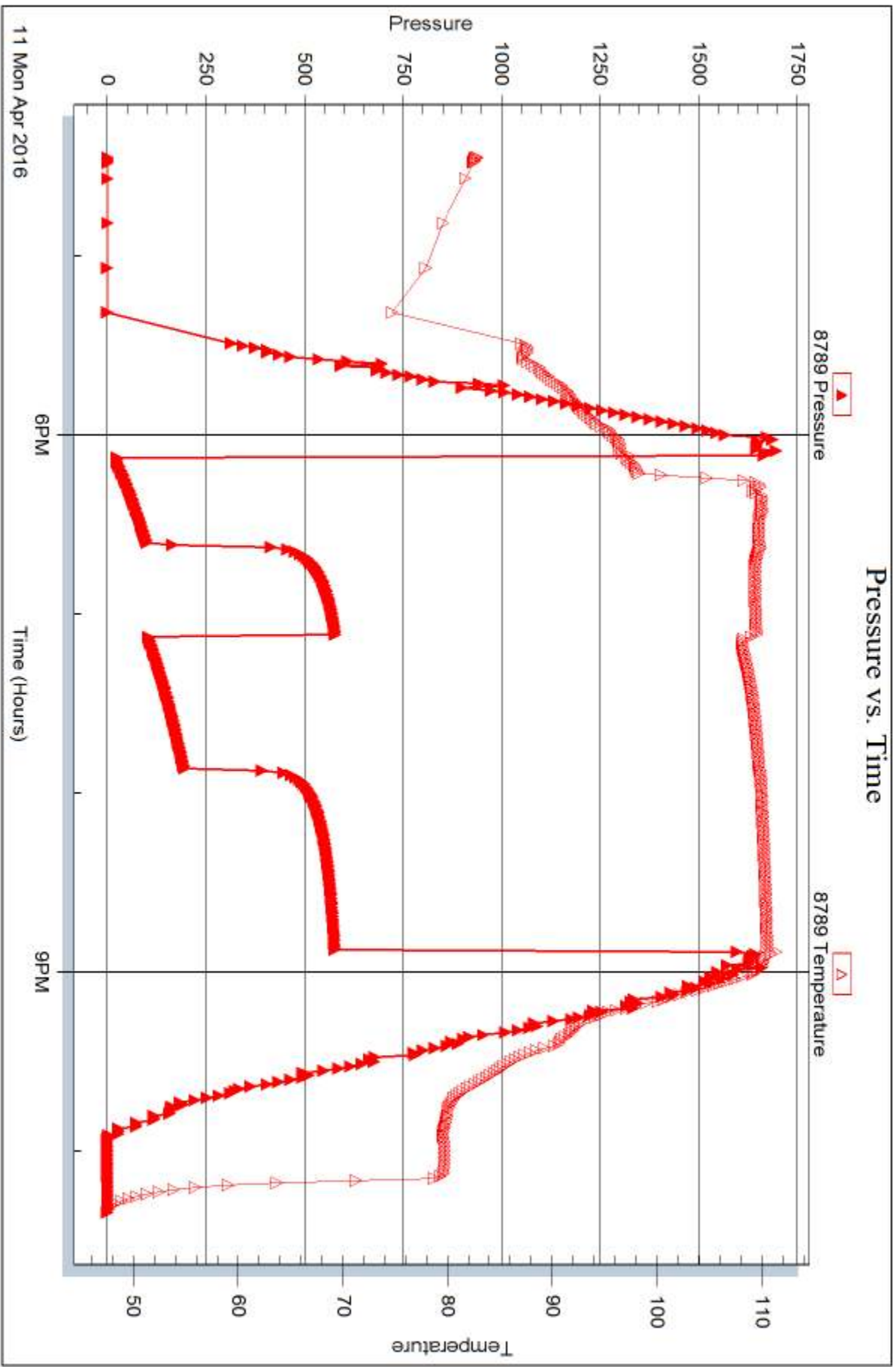
Serial #: 8789

Inside

TDI Inc

Lynette #1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 64771

Printed: 2016.04.13 @ 08:15:09



DRILL STEM TEST REPORT

Prepared For: **TDI Inc**

1310 Bison Rd
Hays KS 67601-9696

ATTN: Herb Deines

Lynette #1

6 12s 18w Ellis,KS

Start Date: 2016.04.12 @ 17:09:00

End Date: 2016.04.12 @ 22:28:00

Job Ticket #: 64772 DST #: 3

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

Printed: 2016.04.13 @ 08:12:26

TDI Inc
6 12s 18w Ellis,KS
Lynette #1
DST # 3
Arbuckle
2016.04.12



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TDI Inc
1310 Bison Rd
Hays KS 67601-9696
ATTN: Herb Deines

6 12s 18w Ellis,KS
Lynette #1
Job Ticket: 64772 **DST#: 3**
Test Start: 2016.04.12 @ 17:09:00

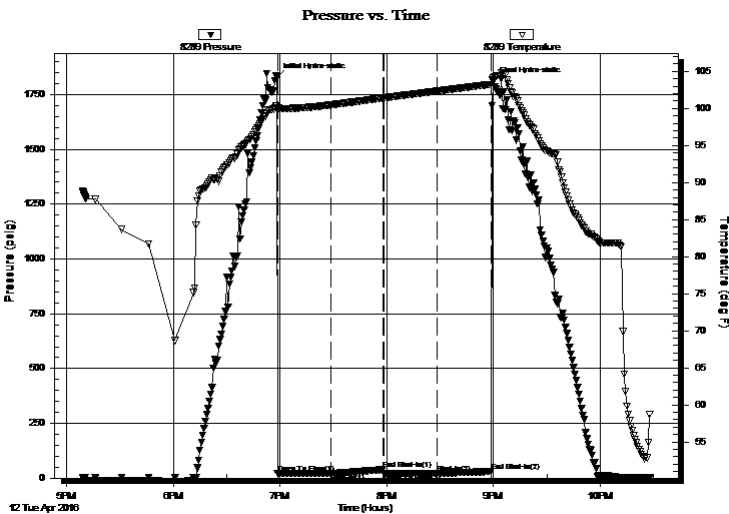
GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:58:30
Time Test Ended: 22:28:00
Interval: **3654.00 ft (KB) To 3720.00 ft (KB) (TVD)**
Total Depth: 3720.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 2145.00 ft (KB)
2137.00 ft (CF)
KB to GR/CF: 8.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Jim Svaty
Unit No: 76

Serial #: 8289 Outside
Press@RunDepth: 21.86 psig @ 3660.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.04.12 End Date: 2016.04.12 Last Calib.: 2016.04.12
Start Time: 17:09:02 End Time: 22:28:15 Time On Btm: 2016.04.12 @ 18:58:15
Time Off Btm: 2016.04.12 @ 20:59:45

TEST COMMENT: 30-IFP- 1/4" Blow Died Back in 19 min.
30-ISIP- No Blow
30-FFP- No Blow
30-FSIP- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1825.16	100.37	Initial Hydro-static
1	22.03	99.76	Open To Flow (1)
31	20.56	100.47	Shut-In(1)
60	38.84	101.43	End Shut-In(1)
61	21.72	101.44	Open To Flow (2)
91	21.86	102.34	Shut-In(2)
121	30.51	103.24	End Shut-In(2)
122	1807.03	104.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
4.00	Mud 100%	0.06

* Recovery from multiple tests

Gas Rates

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



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DRILL STEM TEST REPORT

TDI Inc
1310 Bison Rd
Hays KS 67601-9696
ATTN: Herb Deines

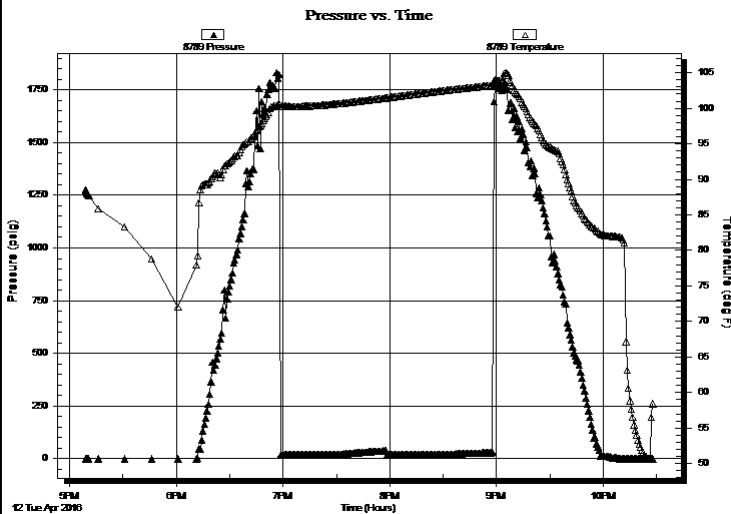
6 12s 18w Ellis,KS
Lynette #1
Job Ticket: 64772 **DST#: 3**
Test Start: 2016.04.12 @ 17:09:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:58:30
 Time Test Ended: 22:28:00
 Interval: **3654.00 ft (KB) To 3720.00 ft (KB) (TVD)**
 Total Depth: 3720.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jim Svaty
 Unit No: 76
 Reference Elevations: 2145.00 ft (KB)
 2137.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8789 **Inside**
 Press@RunDepth: psig @ 3660.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.04.12 End Date: 2016.04.12 Last Calib.: 2016.04.12
 Start Time: 17:09:02 End Time: 22:28:00 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IFP- 1/4" Blow Died Back in 19 min.
 30-ISIP- No Blow
 30-FFP- No Blow
 30-FSIP- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
4.00	Mud 100%	0.06

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

TDI Inc
1310 Bison Rd
Hays KS 67601-9696
ATTN: Herb Deines

6 12s 18w Ellis,KS
Lynette #1
Job Ticket: 64772 **DST#: 3**
Test Start: 2016.04.12 @ 17:09:00

Tool Information

Drill Pipe:	Length: 3643.00 ft	Diameter: 3.80 inches	Volume: 51.10 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	46000.00 lb
			<u>Total Volume: 51.10 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	44000.00 lb
Depth to Top Packer:	3654.00 ft			Final	44000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	66.00 ft				
Tool Length:	87.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3634.00	
Shut In Tool	5.00			3639.00	
Hydraulic tool	5.00			3644.00	
Packer	5.00			3649.00	21.00 Bottom Of Top Packer
Packer	5.00			3654.00	
Stubb	1.00			3655.00	
Perforations	4.00			3659.00	
Change Over Sub	1.00			3660.00	
Recorder	0.00	8789	Inside	3660.00	
Recorder	0.00	8289	Outside	3660.00	
Blank Spacing	31.00			3691.00	
Change Over Sub	1.00			3692.00	
Perforations	25.00			3717.00	
Bullnose	3.00			3720.00	66.00 Bottom Packers & Anchor

Total Tool Length: 87.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

TDI Inc
1310 Bison Rd
Hays KS 67601-9696
ATTN: Herb Deines

6 12s 18w Ellis,KS
Lynette #1
Job Ticket: 64772 **DST#: 3**
Test Start: 2016.04.12 @ 17:09:00

Mud and Cushion Information

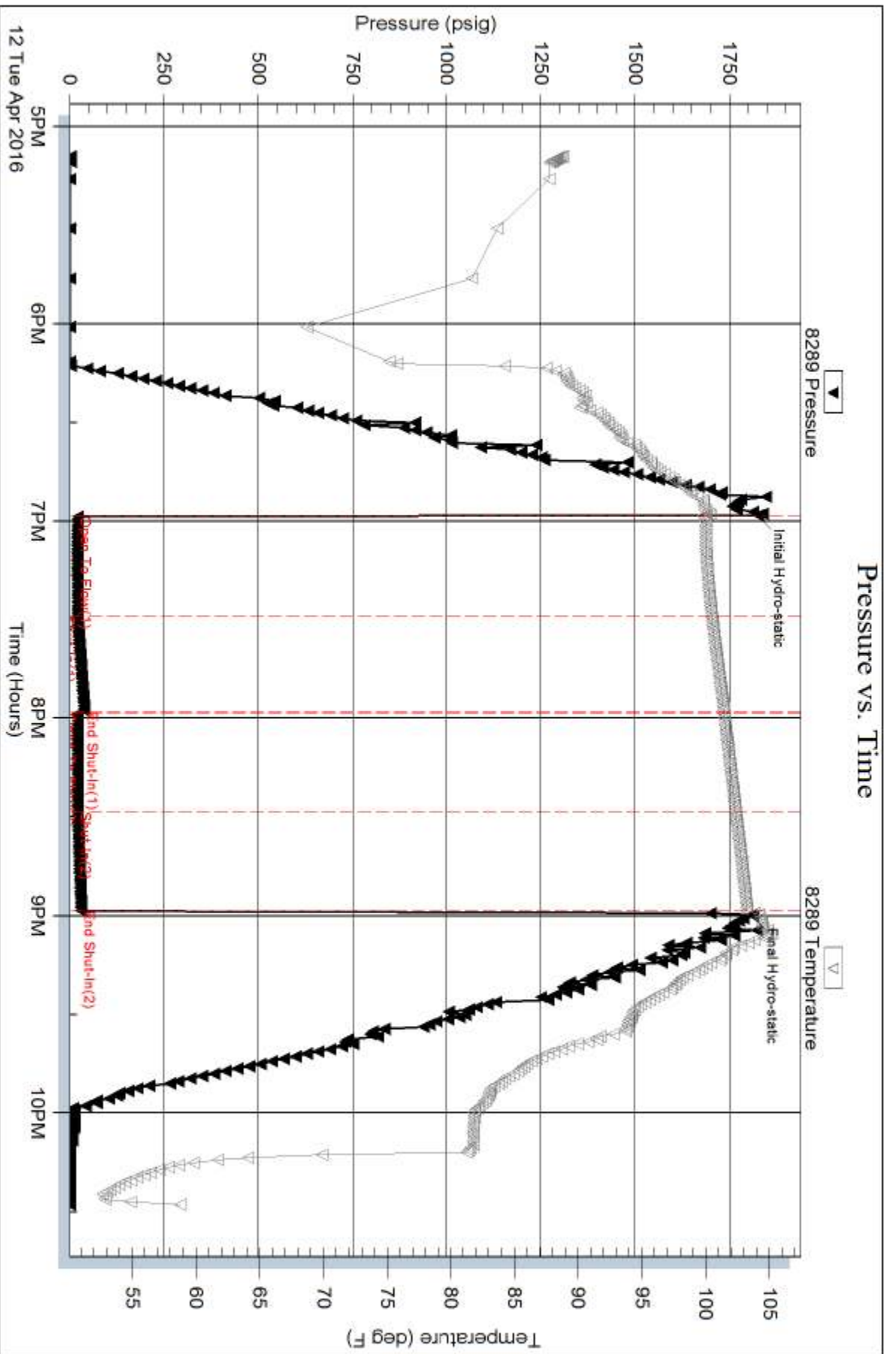
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.97 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5300.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
4.00	Mud 100%	0.056

Total Length: 4.00 ft Total Volume: 0.056 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



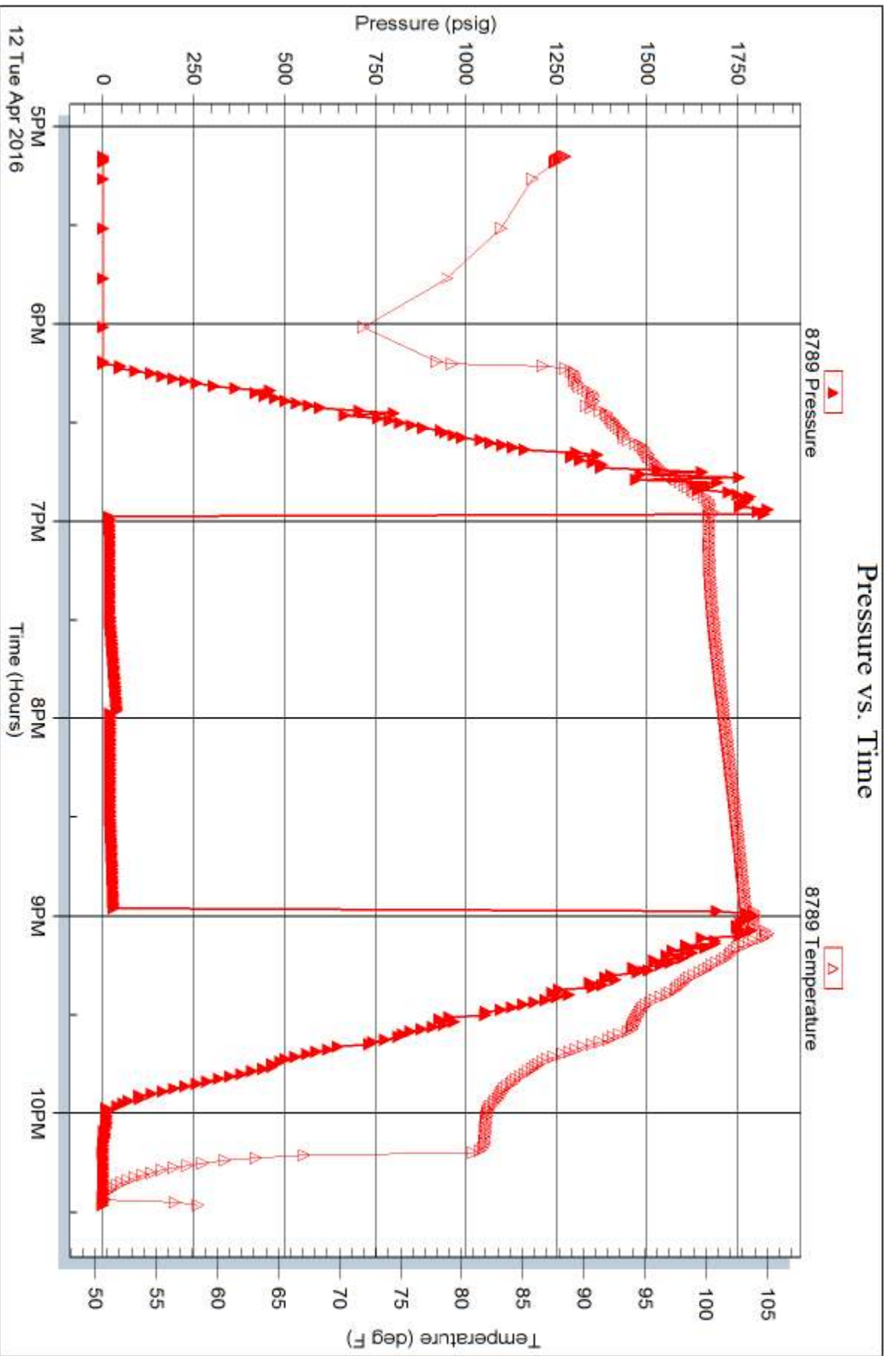
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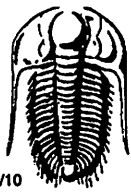
Inside

TDI Inc

Lynette #1

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64770

Well Name & No. Lynette #1 Test No. 1 Date 4-11-16
 Company TDI Inc. Elevation 2145 KB 2137 GL
 Address 1310 Bison Rd. Hays KS 67601-9696
 Co. Rep / Geo. Herb Drines Rig Southwind #3
 Location: Sec. 6 Twp. 125 Rge. 18W Co. Ellis State KS

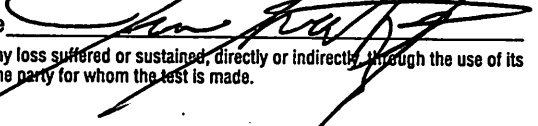
Interval Tested 3431-3470 Zone Tested LKC "C"
 Anchor Length 39 Drill Pipe Run 3421 Mud Wt. 8.6
 Top Packer Depth 3426 Drill Collars Run 0 Vis 56
 Bottom Packer Depth 3431 Wt. Pipe Run 0 WL 7.2
 Total Depth 3470 Chlorides 1500 ppm System LCM 2

Blow Description IFP - 1 3/4 in. Blow in 11 min. Died Back in 30 min.
ISIP - No Blow
FFP - No Blow
FSIP - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>0.5m</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 15 BHT 104 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1648 Test 1050 T-On Location 04:54
 (B) First Initial Flow 20 Jars _____ T-Started 06:08
 (C) First Final Flow 22 Safety Joint _____ T-Open 07:45
 (D) Initial Shut-In 576 Circ Sub _____ T-Pulled 10:45
 (E) Second Initial Flow 22 Hourly Standby _____ T-Out 12:07
 (F) Second Final Flow 24 Mileage 22.50 30 RT Comments _____
 (G) Final Shut-In 503 Sampler _____
 (H) Final Hydrostatic 1544 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 45 Shale Packer _____
 Initial Shut-In 45 Extra Packer _____
 Final Flow 45 Extra Recorder _____ Sub Total 0
 Final Shut-In 45 Day Standby _____ Total 1072.50
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1072.50

Approved By _____ Our Representative 

TriLOBite Testing Inc. shall not be liable for damaged 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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64771

Well Name & No. Lynette #1 Test No. 2 Date 4-11-16
 Company TDI Inc. Elevation 2145 KB 2137 GL
 Address 1310 Bison Rd. Hays KS 67601-9696
 Co. Rep / Geo. Herb Deines Rig Southwind #3
 Location: Sec. 6 Twp. 12^s Rge. 18^w Co. Ellis State KS

Interval Tested 3468-3490 Zone Tested LKC "D"
 Anchor Length 22 Drill Pipe Run 3452 Mud Wt. 9
 Top Packer Depth 3463 Drill Collars Run 0 Vis 55
 Bottom Packer Depth 3468 Wt. Pipe Run 0 WL 7.6
 Total Depth 3490 Chlorides 1600 ppm System LCM 2

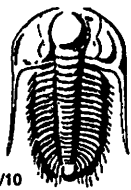
Blow Description IFP - BOB in 13 min
ISIP - No Blow
FFP - BOB in 19 min.
FSIP - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>375</u>	<u>Water</u>		<u>100</u>	<u>0</u>	<u>0</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 375 BHT 112 Gravity _____ API RW 0.96 @ 54 °F Chlorides 110,000 ppm
 (A) Initial Hydrostatic 1667 Test 1050 T-On Location 16:04
 (B) First Initial Flow 21 Jars _____ T-Started 16:27
 (C) First Final Flow 102 Safety Joint _____ T-Open 18:07
 (D) Initial Shut-In 579 Circ Sub _____ T-Pulled 20:52
 (E) Second Initial Flow 106 Hourly Standby _____ T-Out 22:21
 (F) Second Final Flow 196 Mileage 22.50 Comments _____
 (G) Final Shut-In 578 Sampler _____
 (H) Final Hydrostatic 1568 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____

Initial Open 30 Extra Packer _____
 Initial Shut-In 30 Extra Recorder _____
 Final Flow 45 Day Standby _____
 Final Shut-In 60 Accessibility _____
 Sub Total 1072.50 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]
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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64772

Well Name & No. Lunette #1 Test No. 3 Date 4-12-16
 Company TDI INC. Elevation 2145 KB 2137 GL
 Address 1310 Bison Rd Hays KS 67601-9696
 Co. Rep / Geo. Herb Deines Rig Southwind #3
 Location: Sec. 6 Twp. 12^s Rge. 18^w Co. Ellis State KS

Interval Tested 3654-3720 Zone Tested Arbuckle
 Anchor Length 66 Drill Pipe Run 3643 Mud Wt. 9.2
 Top Packer Depth 3649 Drill Collars Run 0 Vis 55
 Bottom Packer Depth 3654 Wt. Pipe Run 0 WL 8.0
 Total Depth 3720 Chlorides 5300 ppm System LCM 2

Blow Description IFP - 1/4 Blow Dried Back in 19 min.
ISIP - No Blow
FFP - No Blow
FSIP - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>4</u>	<u>Mud</u>			<u>100</u>	

Rec Total 4 BHT 104 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1825 Test 1050 T-On Location 16:15
 (B) First Initial Flow 22 Jars _____ T-Started 17:09
 (C) First Final Flow 20 Safety Joint _____ T-Open 18:58
 (D) Initial Shut-In 38 Circ Sub _____ T-Pulled 20:58
 (E) Second Initial Flow 21 Hourly Standby _____ T-Out 22:28
 (F) Second Final Flow 21 Mileage 22.50 Comments _____
 (G) Final Shut-In 30 Sampler _____
 (H) Final Hydrostatic 1807 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1072.50
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1072.50

Approved By _____ Our Representative [Signature]
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