



DRILL STEM TEST REPORT

Prepared For: **Blake Exploration**

PO Box 150
Bogue, Ks. 67625

ATTN: Mike Davignon

36-10s-20w-Rooks

D Keller #1

Start Date: 2005.11.13 @ 18:57:48

End Date: 2005.11.14 @ 02:51:33

Job Ticket #: 23652 DST #: 1

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Blake Exploration

D Keller #1

PO Box 150
Bogue, Ks. 67625

36-10s-20w-Rooks

Job Ticket: 23652

DST#: 1

ATTN: Mike Davignon

Test Start: 2005.11.13 @ 18:57:48

GENERAL INFORMATION:

Formation: **LKC-A-C**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 21:09:03

Time Test Ended: 02:51:33

Test Type: **Conventional Bottom Hole**

Tester: **Jason McLemore**

Unit No: **32**

Interval: **3362.00 ft (KB) To 3420.00 ft (KB) (TVD)**

Total Depth: **3420.00 ft (KB) (TVD)**

Hole Diameter: **7.80 inches** Hole Condition: **Good**

Reference Elevations: **2099.00 ft (KB)**

2094.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 6741 Inside

Press@RunDepth: **280.75 psig @ 3365.00 ft (KB)**

Start Date: **2005.11.13**

End Date:

2005.11.14

Capacity: **7000.00 psig**

Last Calib.: **2005.11.14**

Start Time: **18:57:50**

End Time:

02:51:33

Time On Btm: **2005.11.13 @ 21:08:33**

Time Off Btm: **2005.11.14 @ 00:10:18**

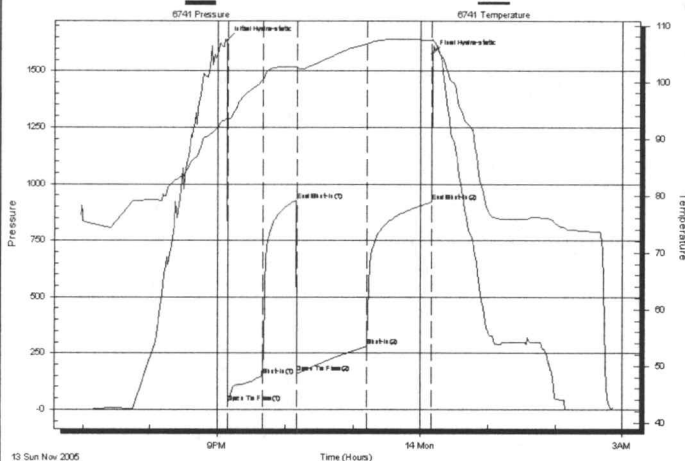
TEST COMMENT: **IFP-Good Blow ,BOB in 6 Min.**

ISI-Blow back BOB in 22 Min.

FFP-Good Blow ,BOB in 6 Min.

FSI-Blow back BOB in 23 Min.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1635.83	93.67	Initial Hydro-static
1	28.57	93.41	Open To Flow (1)
32	148.26	100.31	Shut-In (1)
62	927.45	102.74	End Shut-In (1)
62	163.45	102.52	Open To Flow (2)
124	280.75	106.71	Shut-In (2)
182	919.50	107.36	End Shut-In (2)
182	1576.54	107.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	muddy Oil -80%O-20%M	0.30
640.00	Free Oil	7.84

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blake Exploration

D Keller #1

PO Box 150
Bogue, Ks. 67625

36-10s-20w-Rooks

Job Ticket: 23652

DST#: 1

ATTN: Mike Davignon

Test Start: 2005.11.13 @ 18:57:48

Tool Information

Drill Pipe:	Length: 3170.00 ft	Diameter: 3.80 inches	Volume: 44.47 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 185.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 32000.00 lb
		Total Volume:	45.38 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 30000.00 lb
Depth to Top Packer:	3362.00 ft			Final 32000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	79.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3342.00	
Shut In Tool	5.00			3347.00	
Hydraulic tool	5.00			3352.00	
Packer	5.00			3357.00	21.00 Bottom Of Top Packer
Packer	5.00			3362.00	
Stubb	1.00			3363.00	
Perforations	1.00			3364.00	
Change Over Sub	1.00			3365.00	
Recorder	0.00	6741	Inside	3365.00	
Blank Spacing	31.00			3396.00	
Change Over Sub	1.00			3397.00	
Perforations	20.00			3417.00	
Recorder	0.00	13221	Outside	3417.00	
Bullnose	3.00			3420.00	58.00 Bottom Packers & Anchor

Total Tool Length: 79.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Blake Exploration

D Keller #1

PO Box 150
Bogue, Ks. 67625

36-10s-20w-Rooks

Job Ticket: 23652

DST#: 1

ATTN: Mike Davignon

Test Start: 2005.11.13 @ 18:57:48

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	muddy Oil -80%O-20%M	0.295
640.00	Free Oil	7.839

Total Length: 700.00 ft

Total Volume: 8.134 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 810 GIP

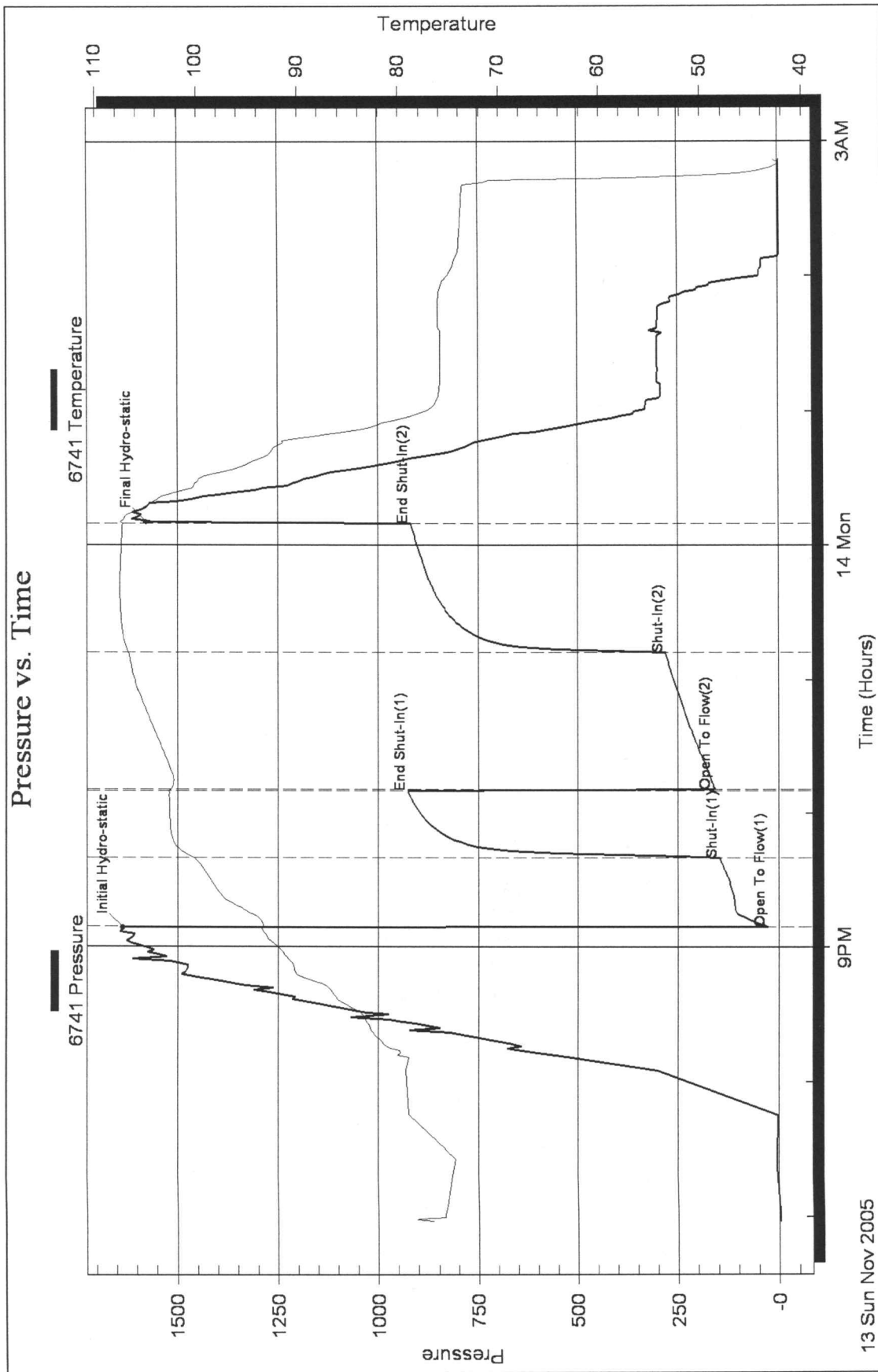
Serial #: 6741

Inside

Blake Exploration

36-10s-20w -Rooks

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Blake Exploration**

PO Box 150
Bogue, Ks. 67625

ATTN: Mike Daignon

36-10s-20w-Rooks

D Keller #1

Start Date: 2005.11.14 @ 10:24:40

End Date: 2005.11.14 @ 16:48:10

Job Ticket #: 23653 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Blake Exploration

D Keller #1

36-10s-20w-Rooks

DST # 2

LKC-F

2005.11.14



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Blake Exploration

PO Box 150
Bogue, Ks. 67625

ATTN: Mike Davignon

D Keller #1

36-10s-20w-Rooks

Job Ticket: 23653

DST#: 2

Test Start: 2005.11.14 @ 10:24:40

GENERAL INFORMATION:

Formation: **LKC-F**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 12:04:55

Time Test Ended: 16:48:10

Test Type: **Conventional Bottom Hole**

Tester: **Jason McLemore**

Unit No: **32**

Interval: **3432.00 ft (KB) To 3460.00 ft (KB) (TVD)**

Total Depth: **3460.00 ft (KB) (TVD)**

Hole Diameter: **7.80 inches** Hole Condition: **Good**

Reference Elevations: **2099.00 ft (KB)**

2094.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6741

Inside

Press@RunDepth: **22.00 psig @ 3434.00 ft (KB)**

Start Date: **2005.11.14**

End Date:

2005.11.14

Capacity: **7000.00 psig**

Last Calib.: **2005.11.14**

Start Time: **10:24:42**

End Time:

16:48:10

Time On Btm: **2005.11.14 @ 12:04:40**

Time Off Btm: **2005.11.14 @ 14:53:55**

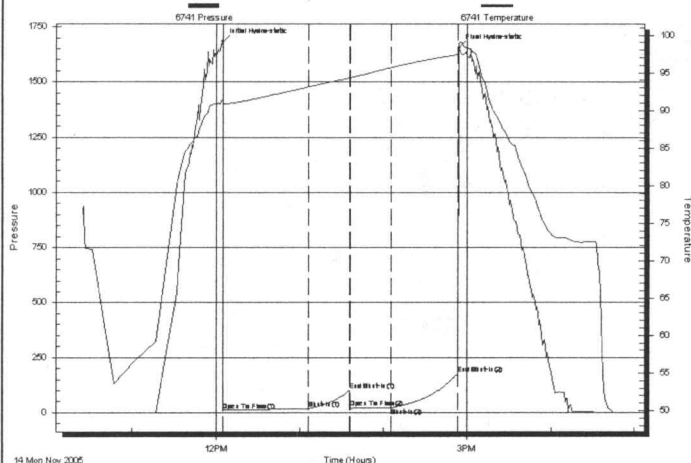
TEST COMMENT: **IFP-Weak Blow, Built to 1-1/4"**

ISI-Dead

FFP-Weak Blow, 1/8"

FSI-Dead

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1681.35	91.36	Initial Hydro-static
1	10.29	91.02	Open To Flow (1)
62	17.59	93.10	Shut-In(1)
91	101.13	94.33	End Shut-In(1)
92	20.57	94.33	Open To Flow (2)
121	22.00	95.70	Shut-In(2)
169	173.65	97.40	End Shut-In(2)
170	1654.51	98.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Free Oil	0.01
8.00	OCM-10%O-90%M	0.04

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blake Exploration

D Keller #1

PO Box 150
Bogue, Ks. 67625

36-10s-20w-Rooks

Job Ticket: 23653

DST#: 2

ATTN: Mike Davignon

Test Start: 2005.11.14 @ 10:24:40

Tool Information

Drill Pipe:	Length:	3233.00 ft	Diameter:	3.80 inches	Volume:	45.35 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	185.00 ft	Diameter:	2.25 inches	Volume:	0.91 bbl	Weight to Pull Loose:	30000.00 lb
					Total Volume:	46.26 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		7.00 ft					String Weight: Initial	29000.00 lb
Depth to Top Packer:		3432.00 ft					Final	29000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		28.00 ft						
Tool Length:		49.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3412.00	
Shut In Tool	5.00			3417.00	
Hydraulic tool	5.00			3422.00	
Packer	5.00			3427.00	21.00 Bottom Of Top Packer
Packer	5.00			3432.00	
Stubb	1.00			3433.00	
Perforations	1.00			3434.00	
Recorder	0.00	6741	Inside	3434.00	
Perforations	23.00			3457.00	
Recorder	0.00	13252	Outside	3457.00	
Bullnose	3.00			3460.00	28.00 Bottom Packers & Anchor

Total Tool Length: 49.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Blake Exploration

D Keller #1

PO Box 150
Bogue, Ks. 67625

36-10s-20w-Rooks

Job Ticket: 23653

DST#: 2

ATTN: Mike Davignon

Test Start: 2005.11.14 @ 10:24:40

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 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Free Oil	0.010
8.00	OCM-10%O-90%M	0.039

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

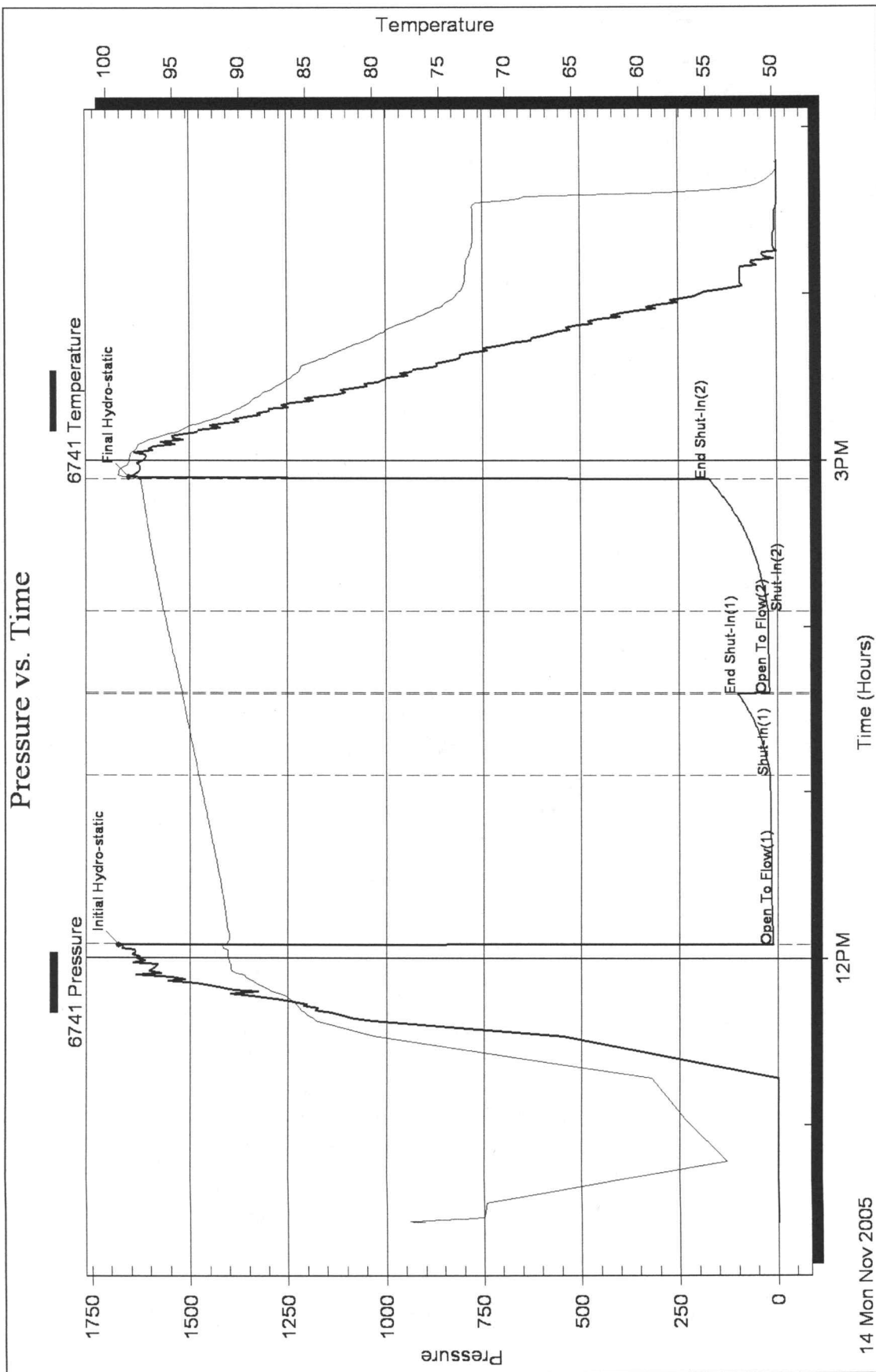
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Blake Exploration**

PO Box 150
Bogue, Ks. 67625

ATTN: Mike Davignon

36-10s-20w-Rooks

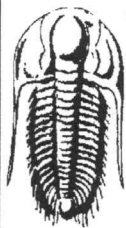
D Keller #1

Start Date: 2005.11.15 @ 02:00:00

End Date: 2005.11.15 @ 10:06:15

Job Ticket #: 23654 DST #: 3

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Blake Exploration

PO Box 150
Bogue, Ks. 67625

ATTN: Mike Davignon

D Keller #1

36-10s-20w-Rooks

Job Ticket: 23654

DST#: 3

Test Start: 2005.11.15 @ 02:00:00

GENERAL INFORMATION:

Formation: **LKC-"I-L"**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 04:16:30

Time Test Ended: 10:06:15

Test Type: **Conventional Bottom Hole**

Tester: **Jason McLemore**

Unit No: **32**

Interval: **3510.00 ft (KB) To 3580.00 ft (KB) (TVD)**

Total Depth: **3580.00 ft (KB) (TVD)**

Hole Diameter: **7.80 inches** Hole Condition: **Good**

Reference Elevations: **2099.00 ft (KB)**

2094.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 6741

Inside

Press@RunDepth: **168.15 psig @ 3513.00 ft (KB)**

Start Date: **2005.11.15**

End Date:

2005.11.15

Start Time: **02:00:02**

End Time:

10:06:15

Capacity: **7000.00 psig**

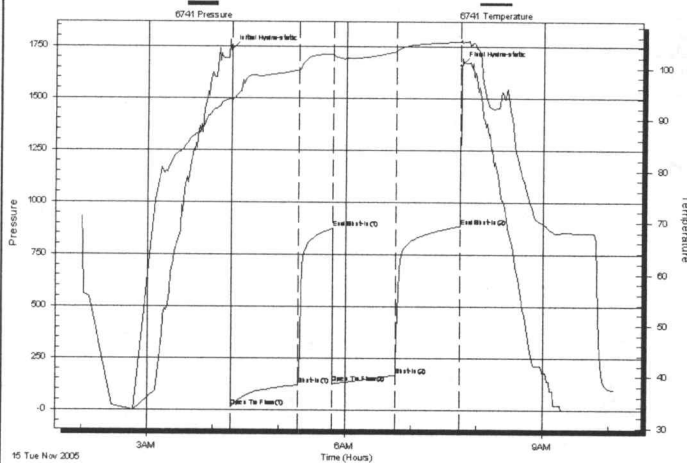
Last Calib.: **2005.11.15**

Time On Btm: **2005.11.15 @ 04:16:15**

Time Off Btm: **2005.11.15 @ 07:45:30**

TEST COMMENT: IFP-Fair Blow ,BOB in 27 Min.
ISI-Blow back Built to 1"
FFP-Fair Blow ,BOB in 26 Min.
FSI-Blow back Lasted Throughout

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1736.25	93.99	Initial Hydro-static
1	15.22	93.66	Open To Flow (1)
61	119.95	99.67	Shut-In(1)
92	872.98	102.78	End Shut-In(1)
93	127.63	102.59	Open To Flow (2)
150	168.15	103.30	Shut-In(2)
209	886.28	105.20	End Shut-In(2)
210	1661.47	105.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	OCM-15%G-20%O-65%M	0.89
240.00	Gassy Oil	3.32

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blake Exploration

D Keller #1

PO Box 150
Bogue, Ks. 67625

36-10s-20w-Rooks

Job Ticket: 23654

DST#: 3

ATTN: Mike Davignon

Test Start: 2005.11.15 @ 02:00:00

Tool Information

Drill Pipe:	Length: 3326.00 ft	Diameter: 3.80 inches	Volume: 46.66 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 185.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 32000.00 lb
		Total Volume:	47.57 bbl	Tool Chased 2.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 28000.00 lb
Depth to Top Packer:	3510.00 ft			Final 30000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.00 ft			
Tool Length:	91.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3490.00	
Shut In Tool	5.00			3495.00	
Hydraulic tool	5.00			3500.00	
Packer	5.00			3505.00	21.00 Bottom Of Top Packer
Packer	5.00			3510.00	
Stubb	1.00			3511.00	
Perforations	1.00			3512.00	
Change Over Sub	1.00			3513.00	
Recorder	0.00	6741	Inside	3513.00	
Blank Spacing	31.00			3544.00	
Change Over Sub	1.00			3545.00	
Perforations	32.00			3577.00	
Recorder	0.00	13221	Outside	3577.00	
Bullnose	3.00			3580.00	70.00 Bottom Packers & Anchor

Total Tool Length: 91.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Blake Exploration

D Keller #1

PO Box 150
Bogue, Ks. 67625

36-10s-20w-Rooks

Job Ticket: 23654

DST#: 3

ATTN: Mike Davignon

Test Start: 2005.11.15 @ 02:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 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 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	OCM-15%G-20%O-65%M	0.885
240.00	Gassy Oil	3.321

Total Length: 420.00 ft

Total Volume: 4.206 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

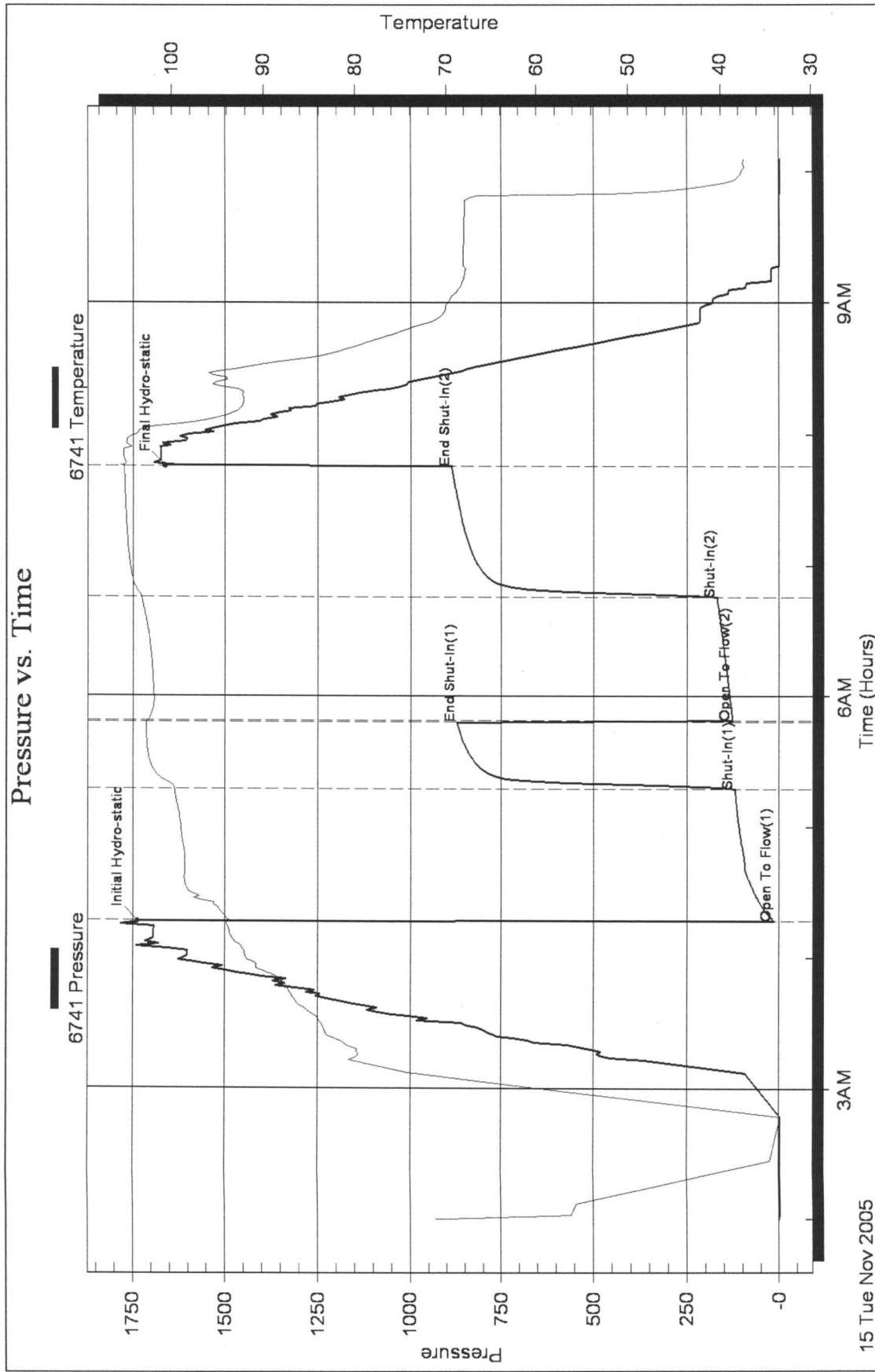
Serial #: 6741

Inside

Blake Exploration

36-10s-20w-Rooks

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Blake Exploration**

PO Box 150
Bogue, Ks. 67625

ATTN: Mike Daignon

36-10s-20w-Rooks

D Keller #1

Start Date: 2005.11.15 @ 19:41:48

End Date: 2005.11.16 @ 04:37:01

Job Ticket #: 23655 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Blake Exploration

PO Box 150
Bogue, Ks. 67625

ATTN: Mike Davignon

D Keller #1

36-10s-20w-Rooks

Job Ticket: 23655

DST#: 4

Test Start: 2005.11.15 @ 19:41:48

GENERAL INFORMATION:

Formation: **arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:54:16

Time Test Ended: 04:37:01

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: **3625.00 ft (KB) To 3687.00 ft (KB) (TVD)**

Total Depth: 3687.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2099.00 ft (KB)

2094.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6741

Inside

Press@RunDepth: 276.09 psig @ 3629.00 ft (KB)

Start Date: 2005.11.15 End Date: 2005.11.16

Start Time: 19:41:48 End Time: 04:37:01

Capacity: 7000.00 psig

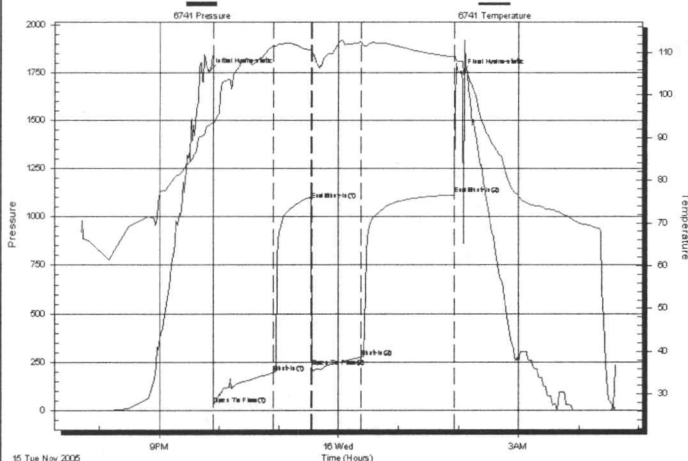
Last Calib.: 2005.11.16

Time On Btm: 2005.11.15 @ 21:49:16

Time Off Btm: 2005.11.16 @ 02:02:31

TEST COMMENT: IFP - good blow bob 15 min.
FFP - good blow bob 20 min
ISI - blow back after 6 min. built to 1/8" lasted throughout
FSI - dead

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1756.43	92.83	Initial Hydro-static
5	32.00	93.22	Open To Flow (1)
66	195.40	111.53	Shut-In(1)
104	1085.73	110.47	End Shut-In(1)
104	222.31	110.25	Open To Flow (2)
154	276.09	112.51	Shut-In(2)
247	1113.85	108.92	End Shut-In(2)
254	1749.61	107.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	ocm 40% o 60% m	2.52
345.00	clean oil	4.84

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blake Exploration

PO Box 150
Bogue, Ks. 67625

ATTN: Mike Davignon

D Keller #1

36-10s-20w-Rooks

Job Ticket: 23655

DST#: 4

Test Start: 2005.11.15 @ 19:41:48

Tool Information

Drill Pipe:	Length:	3449.00 ft	Diameter:	3.80 inches	Volume:	48.38 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	185.00 ft	Diameter:	2.25 inches	Volume:	0.91 bbl	Weight to Pull Loose:	32000.00 lb
					Total Volume:	49.29 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		30.00 ft					String Weight: Initial	28000.00 lb
Depth to Top Packer:		3625.00 ft					Final	32000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		62.00 ft						
Tool Length:		83.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3605.00	
Shut In Tool	5.00			3610.00	
Hydraulic tool	5.00			3615.00	
Packer	5.00			3620.00	21.00 Bottom Of Top Packer
Packer	5.00			3625.00	
Stubb	1.00			3626.00	
Perforations	2.00			3628.00	
Change Over Sub	1.00			3629.00	
Recorder	0.00	6741	Inside	3629.00	
Blank Spacing	31.00			3660.00	
Change Over Sub	1.00			3661.00	
Perforations	23.00			3684.00	
Recorder	0.00	13221	Outside	3684.00	
Bullnose	3.00			3687.00	62.00 Bottom Packers & Anchor

Total Tool Length: 83.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Blake Exploration

D Keller #1

PO Box 150
Bogue, Ks. 67625

36-10s-20w-Rooks

Job Ticket: 23655

DST#: 4

ATTN: Mike Davignon

Test Start: 2005.11.15 @ 19:41:48

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

21 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
300.00	ocm 40% o 60% m	2.523
345.00	clean oil	4.839

Total Length: 645.00 ft

Total Volume: 7.362 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

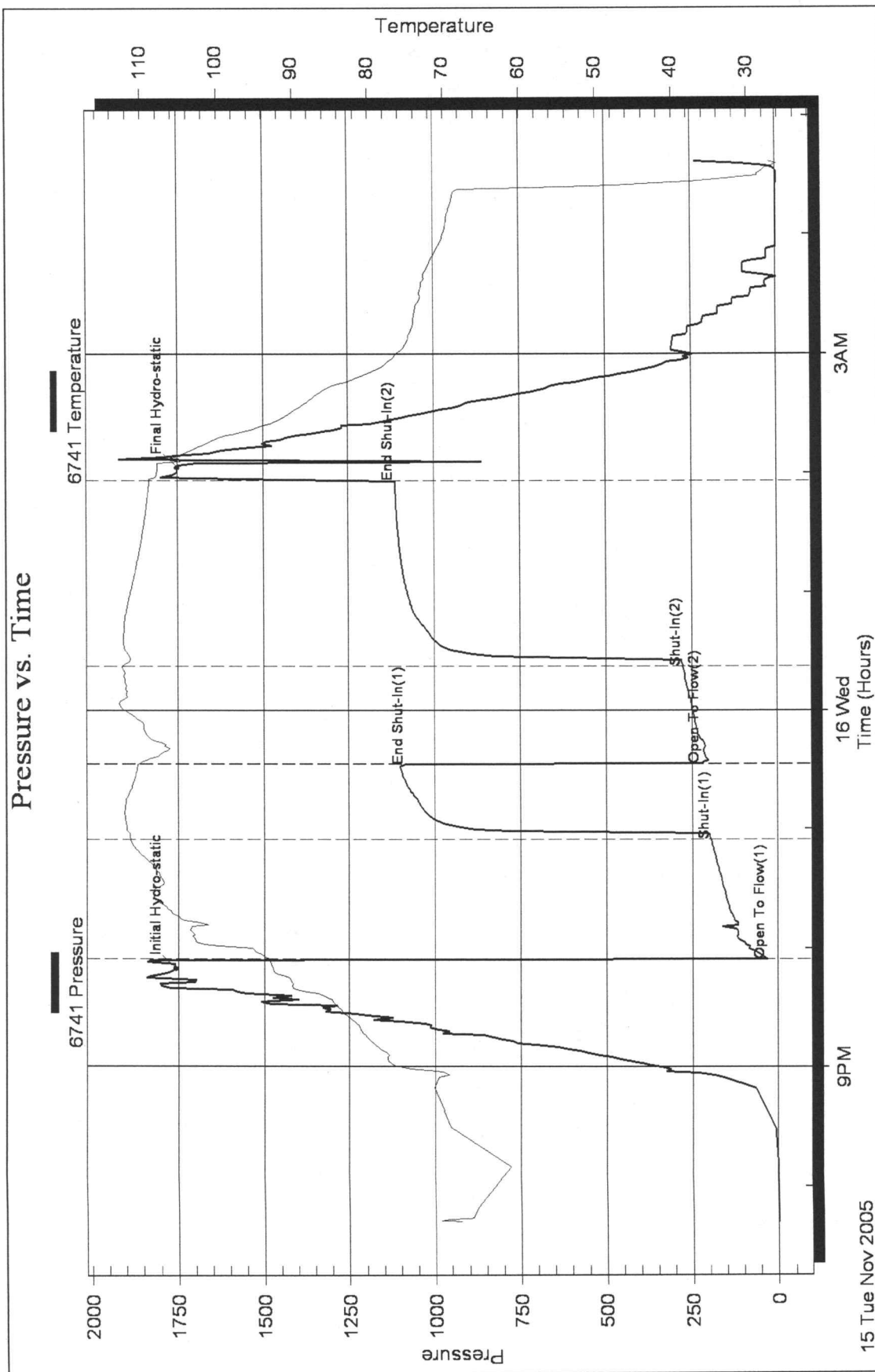
Serial #:

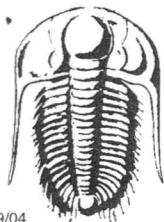
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

TUV
8122

No 23652

Test Ticket

Well Name & No. D Keller #1 Test No. 1 Date 11-13-05
 Company Blake Exploration Zone Tested LKC A-C
 Address Box 150, Bogue, Ks 67625 Elevation 2099 KB 2094 GL
 Co. Rep / Geo. Mike Davignon Cont. Murfin #8 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 36 Twp. 10 S Rge. 20 W Co. Rooks State Ks
 No. of Copies Reg Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

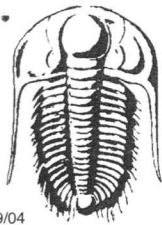
Interval Tested 3362-3420 Initial Str Wt./Lbs. 30,000 Unseated Str Wt./Lbs. 32,000
 Anchor Length 58' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 32,000
 Top Packer Depth 3357 Tool Weight 2200
 Bottom Packer Depth 3362 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3420 Wt. Pipe Run 0 Drill Collar Run 185
 Mud Wt. 9.0 LCM 0 Vis. 56 WL 7.2 Drill Pipe Size 4 1/2 XH Ft. Run 3170
 Blow Description IFP- Good Blow, BOB in 6 min.
ISI- Blowback BOB in 22 min.
FFP- Good Blow, BOB in 6 min.
FSI- Blowback BOB in 23 min.

Recovery - Total Feet 700 GIP 810 Ft. in DC _____ Ft. in DP _____
 Rec. 700 Feet of Free Oil %gas _____ %oil _____ %water _____ %mud _____
 Rec. 60 Feet of Muddy Oil %gas 80 %oil _____ %water 20 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT _____ °F Gravity 29 °API D @ 50 °F Corrected Gravity 30 °API _____
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 3,000 ppm System _____

(A) Initial Hydrostatic Mud	AK-1	Alpine	1636	PSI	Recorder No.	6741	(Test)	1000
(B) First Initial Flow Pressure			29	PSI	(depth)	3365	Jars	
(C) First Final Flow Pressure			148	PSI	Recorder No.	13221	Safety Jt.	
(D) Initial Shut-In Pressure			927	PSI	(depth)	3417	(Circ Sub)	35
(E) Second Initial Flow Pressure			163	PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure			281	PSI	(depth)		Straddle	
(G) Final Shut-In Pressure			919	PSI	Initial Opening	30	Ext. Packer	
(Q) Final Hydrostatic Mud			1577	PSI	Initial Shut-In	30	Shale Packer	
					Final Flow	60	Ruined Packer	
					Final Shut-In	60	Mileage	64 rt 64
					T-On Location	16:15	Sub Total:	1099
					T-Started	18:57	Std. By	2.75 137.50
					T-Open	21:09	Other	
					T-Pulled	00:09	Total:	\$1236.50
					T-Out	2:50		

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.

Approved By _____
 Our Representative J. Mc Lemore Thank you



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 23653

9/04

Test Ticket

Well Name & No. <u>D Keller #1</u>	Test No. <u>2</u>	Date <u>11-14-05</u>
Company <u>Blake Exploration</u>	Zone Tested <u>LKC - F</u>	
Address <u>Box 150, Bogue, Ks. 67625</u>	Elevation <u>2099</u>	KB <u>2099</u> GL
Co. Rep / Geo. <u>Mike Davignon</u>	Cont. <u>Murfin #8</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>36</u>	Twp. <u>10s</u>	Rge. <u>20w</u> Co. <u>Rooks</u> State <u>Ks</u>
No. of Copies <u>Reg</u>	Disbtribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

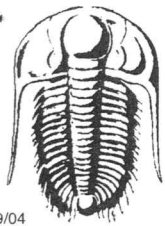
Interval Tested <u>3432 - 3460</u>	Initial Str Wt./Lbs. <u>29,000</u>	Unseated Str Wt/Lbs. <u>29,000</u>
Anchor Length <u>28'</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>30,000</u>
Top Packer Depth <u>3427</u>	Tool Weight <u>2200</u>	
Bottom Packer Depth <u>3432</u>	Hole Size <u>7 7/8"</u> ✓	Rubber Size <u>6 3/4"</u> ✓
Total Depth <u>3460</u>	Wt. Pipe Run _____	Drill Collar Run <u>185</u>
Mud Wt. <u>9.2</u> LCM <u>0</u> Vis. <u>56</u> WL <u>7.2</u>	Drill Pipe Size _____	Ft. Run <u>3233</u>
Blow Description <u>IFP - Weak Blow, Built to 1 1/4"</u>		
<u>ISI - Dead</u>		
<u>FFP - Weak Blow, 1/8"</u>		
<u>FSI - Dead</u>		

Recovery - Total Feet <u>10</u>	GIP _____	Ft. in DC _____	Ft. in DP _____
Rec. <u>2</u>	Feet of <u>Free Oil</u>	%gas _____	%oil _____ %water _____ %mud _____
Rec. <u>8</u>	Feet of <u>OCM</u>	%gas <u>10</u>	%oil _____ %water <u>90</u> %mud _____
Rec. _____	Feet of _____	%gas _____	%oil _____ %water _____ %mud _____
Rec. _____	Feet of _____	%gas _____	%oil _____ %water _____ %mud _____
Rec. _____	Feet of _____	%gas _____	%oil _____ %water _____ %mud _____
BHT <u>97</u>	°F Gravity _____	°API D @ _____	°F Corrected Gravity _____ °API _____
RW _____ @ _____ °F	Chlorides _____ ppm	Recovery _____	Chlorides <u>3,000</u> ppm System

(A) Initial Hydrostatic Mud	AK-1 <u>1681</u>	Alpine <u>1681</u> PSI	Recorder No. <u>6741</u>	<u>Test</u> <u>1000</u>
(B) First Initial Flow Pressure	<u>10</u>	PSI	(depth) <u>3434</u>	Jars _____
(C) First Final Flow Pressure	<u>18</u>	PSI	Recorder No. <u>13252</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>101</u>	PSI	(depth) <u>3457</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>21</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>22</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>174</u>	PSI	Initial Opening <u>60</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1655</u>	PSI	Initial Shut-In <u>30</u>	Shale Packer _____
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.			Final Flow <u>60 30</u>	Ruined Packer _____
			Final Shut-In <u>60 45</u>	Mileage <u>69</u>
			T-On Location <u>10:00</u>	Sub Total: <u>1064</u>
			T-Started <u>10:24</u>	Std. By _____
			T-Open <u>12:05</u>	Other _____
			T-Pulled <u>15:35 14:50</u>	Total: _____
			T-Out <u>16:50</u>	

Approved By _____

Our Representative J. McLenore



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 23654

9/04

Test Ticket

Well Name & No. <u>D Keller #1</u>	Test No. <u>3</u>	Date <u>11-15-05</u>
Company <u>Blake Exploration</u>	Zone Tested _____	
Address <u>Box 150, Bogue, Ks. 67625</u>	Elevation <u>2099</u>	KB <u>2099</u> GL
Co. Rep / Geo. <u>Mike Davignon</u>	Cont. <u>Murfin #8</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>36</u>	Twp. <u>10s</u>	Rge. <u>2aw</u> Co. <u>Rooks</u> State <u>Ks</u>
No. of Copies <u>Reg</u>	Disbtribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>3510 - 3580</u>	Initial Str Wt./Lbs. <u>28,000</u>	Unseated Str Wt./Lbs. <u>30,000</u>
Anchor Length <u>70'</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>32,000</u>
Top Packer Depth <u>3505</u>	Tool Weight <u>2200</u>	
Bottom Packer Depth <u>3510</u>	Hole Size <u>7 7/8"</u> ✓	Rubber Size <u>6 3/4"</u> ✓
Total Depth <u>3580</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>185</u>
Mud Wt. _____ LCM _____ Vis. _____ WL _____	Drill Pipe Size <u>4 1/2 x 4</u>	Ft. Run <u>3326</u>
Blow Description <u>IFP - Fair Blow, BOB in 27 min.</u>		
<u>ISI - Blowback Built to 1"</u>		
<u>FFP - Fair Blow, BOB in 26 min.</u>		
<u>FSI - Blowback lasted throughout</u>		

Recovery - Total Feet <u>420</u>	GIP _____	Ft. in DC _____	Ft. in DP _____
Rec. <u>240</u>	Feet of <u>Gassy Oil</u>	<u>20%</u> gas <u>80%</u> oil	%water _____ %mud _____
Rec. <u>180</u>	Feet of <u>OCM</u>	<u>15%</u> gas <u>20%</u> oil	%water <u>65</u> %mud _____
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
BHT <u>105</u>	°F Gravity _____	°API D @ _____	°F Corrected Gravity <u>31</u> °API _____
RW _____ @ _____ °F	Chlorides _____ ppm	Recovery _____	Chlorides _____ ppm System

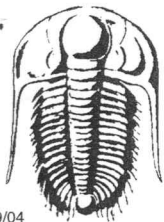
(A) Initial Hydrostatic Mud	AK-1 <u>1736</u> PSI	Recorder No. <u>6741</u>	Test <u>1000</u>
(B) First Initial Flow Pressure	<u>15</u> PSI	(depth) <u>3513</u>	Jars _____
(C) First Final Flow Pressure	<u>120</u> PSI	Recorder No. <u>13252</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>873</u> PSI	(depth) <u>3577</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>128</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>168</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>886</u> PSI	Initial Opening <u>60</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1661</u> PSI	Initial Shut-In <u>30</u>	Shale Packer _____

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.

Final Flow	<u>60</u>	Ruined Packer _____
Final Shut-In	<u>60</u>	Mileage <u>64</u>
T-On Location	<u>1:15</u>	Sub Total: <u>1064</u>
T-Started	<u>2:00</u>	Std. By <u>3/4</u> <u>37.50</u>
T-Open	<u>4:19</u>	Other _____
T-Pulled	<u>7:49</u>	Total: <u>1101.50</u>
T-Out	<u>10:09</u>	

Approved By _____

Our Representative J. McElmon *Thank you*



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 23655

9/04

Test Ticket

Well Name & No. D Keller #1 Test No. 4 Date 11-16-05
 Company Blake Exploration Zone Tested Arbuckle
 Address Box 150, Bogue, Ks 67625 Elevation 2099 KB 2094 GL
 Co. Rep / Geo. Mike Davignon Cont. Murfin #8 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 36 Twp. 10s Rge. 20w Co. Rooks State Ks
 No. of Copies Reg Disbtribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3625-3687 Initial Str Wt./Lbs. 28,000 Unseated Str Wt./Lbs. 32,000
 Anchor Length 62' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 32,000
 Top Packer Depth 3620 Tool Weight 2200
 Bottom Packer Depth 3625 Hole Size 7 7/8" ☒ Rubber Size 6 3/4" ☒
 Total Depth 3687 Wt. Pipe Run 0 Drill Collar Run 185
 Mud Wt. 9.1 LCM - Vis. 55 WL 6.8 Drill Pipe Size 4 1/2 XH Ft. Run 3449
 Blow Description IFP - Good Blow, BOB in 15 min.

Recovery - Total Feet 645 GIP _____ Ft. in DC _____ Ft. in DP _____
 Rec. 345 Feet of Clean oil %gas _____ %oil _____ %water _____ %mud _____
 Rec. 300 Feet of OCM %gas 40 %oil _____ %water 60 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 109 °F Gravity _____ °API D @ _____ °F Corrected Gravity 21 °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 5600 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	1756	PSI	6741	☒
(B) First Initial Flow Pressure	32	PSI	3629	Jars
(C) First Final Flow Pressure	195	PSI	13252	Safety Jt.
(D) Initial Shut-In Pressure	1085	PSI	3684	Circ Sub
(E) Second Initial Flow Pressure	222	PSI		Sampler
(F) Second Final Flow Pressure	276	PSI		Straddle
(G) Final Shut-In Pressure	1114	PSI	Initial Opening	Ext. Packer
(Q) Final Hydrostatic Mud	1750	PSI	Initial Shut-In	Shale Packer

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.

Approved By _____
 Our Representative J. McLenan *Thank you*

Final Flow 60
 Final Shut-In 90
 T-On Location 19:13
 T-Started 19:40
 T-Open 21:55
 T-Pulled 02:02
 T-Out 04:37
 Mileage 64
 Sub Total: 1064
 Std. By 1.25 62.50
 Other _____
 Total: \$1126.50

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

