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KANSAS CORPORATION COMMISSION

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JAN 10 2003

CONSERVATION DIVISION
WICHITA, KS



TRILOBITE
TESTING, INC.

KCC

JAN 08 2002

CONFIDENTIAL

DRILL STEM TEST REPORT

Prepared For: **McCoy Petro. Corp.**

PO Box 780208
Wichita, Ks 67578-0208

ATTN: McCoy Petro. Corp.

1-11-34 Logan, Ks

Thrasher #2-1

Start Date: 2002.09.17 @ 15:42:07

End Date: 2002.09.17 @ 20:15:06

Job Ticket #: 15187 DST #: 1

Trilobite Testing, Inc

PO Box 352 Hays, KS 67601

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

McCoy Petro. Corp.

Thrasher #2-1

1-11-34 Logan, Ks

DST # 1

"H"

2002.09.17

CONFIDENTIAL

ORIGINAL



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petro. Corp.

Thrasher #2-1

PO Box 780208
Wichita, Ks 67578-0208

1-11-34 Logan, Ks

Job Ticket: 15187

DST#: 1

ATTN: McCoy Petro. Corp.

Test Start: 2002.09.17 @ 15:42:07

Tool Information

Drill Pipe:	Length: 4275.00 ft	Diameter: 3.80 inches	Volume: 59.97 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: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			Total Volume: 59.97 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4266.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	41.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

KCC

JAN 08 2002

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Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4245.00	
S.I. Tool	5.00			4250.00	
HMV	5.00			4255.00	
Safety Joint	2.00			4257.00	
Packer	5.00			4262.00	22.00 Bottom Of Top Packer
Packer	4.00			4266.00	
Stubb	1.00			4267.00	
Recorder	0.00	3227	Inside	4267.00	
Perforations	13.00			4280.00	
Recorder	0.00	11057	Outside	4280.00	
Bullnose	5.00			4285.00	19.00 Bottom Packers & Anchor

Total Tool Length: 41.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

McCoy Petro. Corp.
PO Box 780208
Wichita, Ks 67578-0208
ATTN: McCoy Petro. Corp.

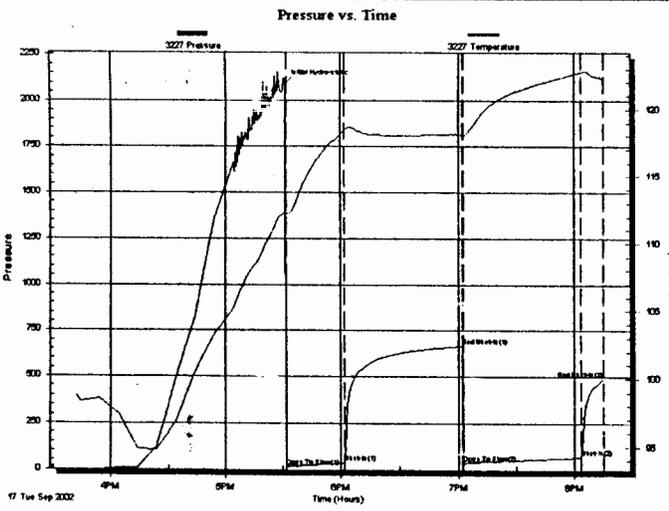
Thrasher #2-1
1-11-34 Logan, Ks
Job Ticket: 15187 DST#: 1
Test Start: 2002.09.17 @ 15:42:07

GENERAL INFORMATION:

Formation: "H"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:31:51
Time Test Ended: 20:15:06
Interval: 4266.00 ft (KB) To 4285.00 ft (KB) (TVD)
Total Depth: 4285.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Shane McBride
Unit No: 15
Reference Elevations: 3198.00 ft (KB)
3193.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 3227 Inside
Press@RunDepth: 67.78 psig @ 4267.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2002.09.17 End Date: 2002.09.17 Last Calib.: 1899.12.30
Start Time: 15:42:07 End Time: 20:15:06 Time On Btm: 2002.09.17 @ 17:31:36
Time Off Btm:

TEST COMMENT: 1/4" in. @ open built to 3 1/4" in.
No return
Weak blow in 6 min. built to 1 1/4" in.
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2092.17	112.40	Initial Hydro-static
1	17.27	112.26	Open To Flow (1)
31	35.99	118.39	Shut-in(1)
91	666.45	118.10	End Shut-in(1)
92	37.72	118.04	Open To Flow (2)
152	67.78	122.77	Shut-in(2)
164	490.05	122.34	End Shut-in(2)

Recovery

Length (ft)	Description	Volume (bbl)
120.00	s m c w w/oil scum on top	1.68

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petro. Corp.

Thrasher #2-1

PO Box 780208
Wichita, Ks 67578-0208

1-11-34 Logan, Ks

Job Ticket: 15187

DST#: 1

ATTN: McCoy Petro.Corp.

Test Start: 2002.09.17 @ 15:42:07

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:

bbf

Water Loss: 10.36 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
120.00	s m c w w/oil scum on top	1.683

Total Length: 120.00 ft Total Volume: 1.683 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

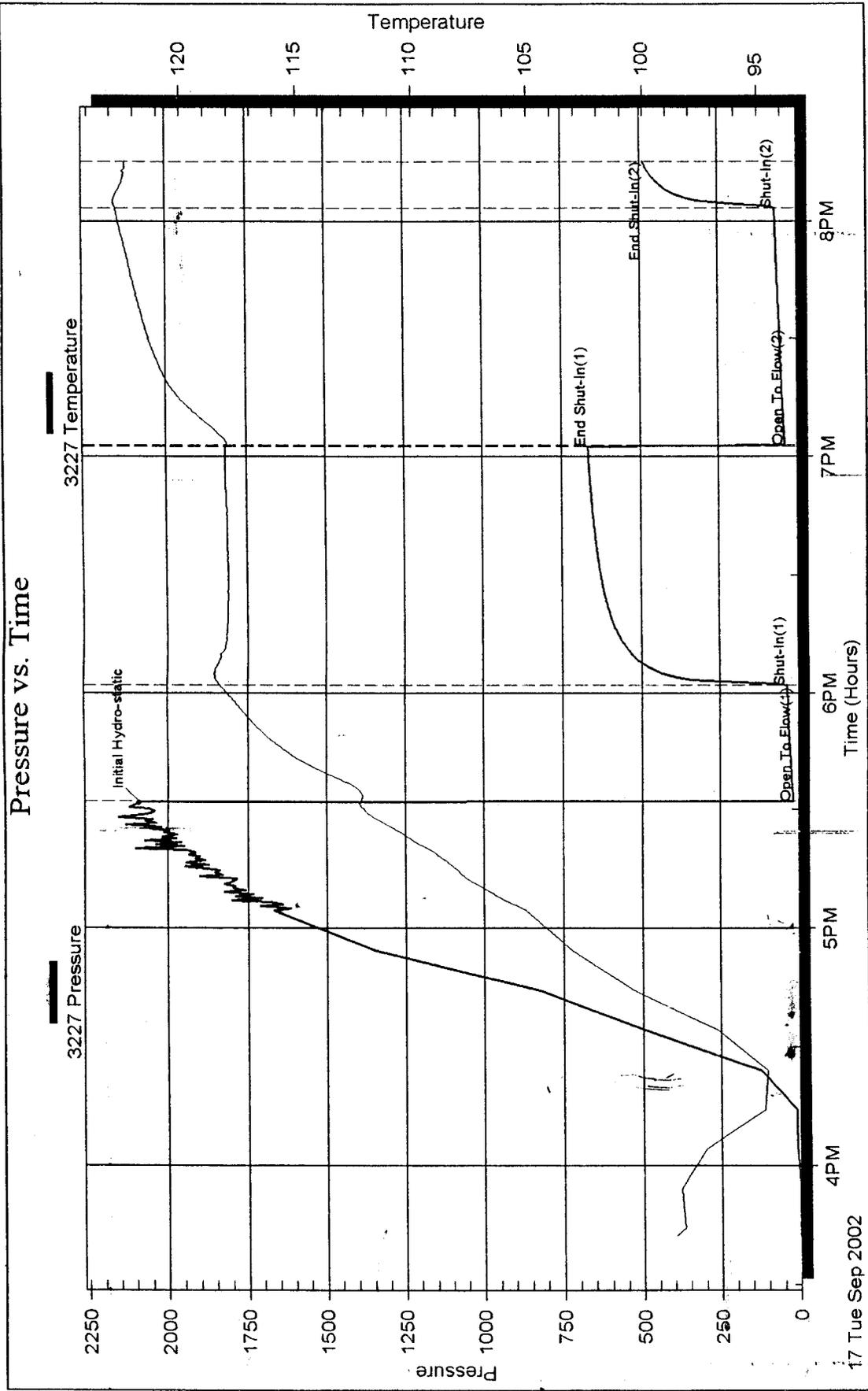
Recovery Comments:

Serial #: 3227

Inside McCoy Petro. Corp.

1-11-34 Logan, Ks

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 15187

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

McCoy Petro. Corp.

Thrasher #2-1

PO Box 780208
Wichita, Ks 67578-0208

1-11-34 Logan, Ks

Job Ticket: 15188

DST#: 2

ATTN: McCoy Petro. Corp.

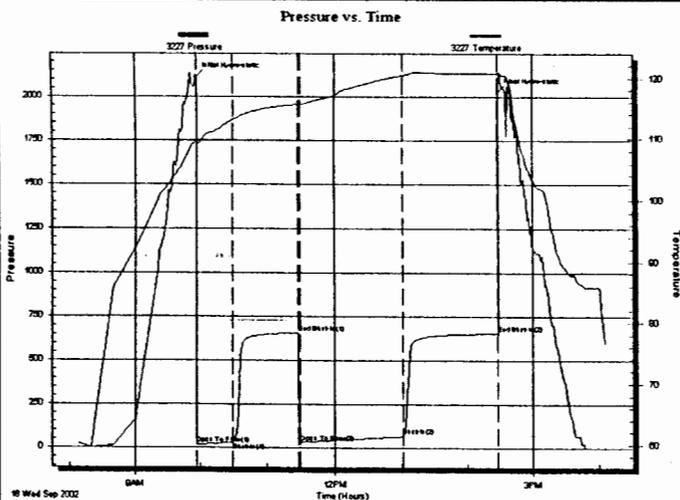
Test Start: 2002.09.18 @ 08:07:22

GENERAL INFORMATION:

Formation: "I"
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:56:21
 Time Test Ended: 16:07:21
 Test Type: Conventional Bottom Hole
 Tester: Shane McBride
 Unit No: 15
 Interval: 4295.00 ft (KB) To 4325.00 ft (KB) (TVD)
 Reference Elevations: 3198.00 ft (KB)
 Total Depth: 4325.00 ft (KB) (TVD)
 KB to GR/CF: 3193.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 KB to GR/CF: 5.00 ft

Serial #: 3227 Inside
 Press@RunDepth: 65.91 psig @ 4296.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2002.09.18 End Date: 2002.09.18 Last Calib.: 1899.12.30
 Start Time: 08:07:22 End Time: 16:07:21 Time On Btrr: 2002.09.18 @ 09:56:06
 Time Off Btrr: 2002.09.18 @ 14:28:51

TEST COMMENT: B.O.B. in 30 min.
 Bleed off for 3 min. return in 9 min. surface blow. died in 20 min.
 B.O.B in 24 min.
 Bleed off for 4 min. return in 5 min. 1/4" in. blow died in 25 min.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2110.14	109.56	Initial Hydro-static
1	15.93	109.40	Open To Flow (1)
34	30.71	113.11	Shut-In(1)
92	657.48	115.67	End Shut-In(1)
93	28.54	115.61	Open To Flow (2)
185	65.91	120.42	Shut-In(2)
273	655.70	120.82	End Shut-In(2)
273	2027.96	120.95	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
120.00	c g o 30%g 70%o	1.68
30.00	m c g o 25%g 45%o 30%m	0.42

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McGoy Petro. Corp.

Thrasher #2-1

PO Box 780208
Wichita, Ks 67578-0208

1-11-34 Logan, Ks

Job Ticket: 15188

DST#: 2

ATTN: McCoy Petro. Corp.

Test Start: 2002.09.18 @ 08:07:22

Tool Information

Drill Pipe:	Length: 4304.00 ft	Diameter: 3.80 inches	Volume: 60.37 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: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 60.37 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4295.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	52.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4274.00	
S.I. Tool	5.00			4279.00	
HMV	5.00			4284.00	
Safety Joint	2.00			4286.00	
Packer	5.00			4291.00	22.00 Bottom Of Top Packer
Packer	4.00			4295.00	
Stubb	1.00			4296.00	
Recorder	0.00	3227	Inside	4296.00	
Perforations	24.00			4320.00	
Recorder	0.00	11057	Outside	4320.00	
Bullnose	5.00			4325.00	30.00 Bottom Packers & Anchor

Total Tool Length: 52.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petro. Corp.

Thrasher #2-1

PO Box 780208
Wichita, Ks 67578-0208

1-11-34 Logan, Ks

Job Ticket: 15188

DST#: 2

ATTN: McCoy Petro. Corp.

Test Start: 2002.09.18 @ 08:07:22

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: 52.00 sec/qt

Cushion Volume:

bbf

Water Loss: 12.76 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
120.00	c g c 30%g 70%o	1.683
30.00	m c g o 25%g 45%o 30%m	0.421

Total Length: 150.00 ft Total Volume: 2.104 bbf

Num Fluid Samples: 0

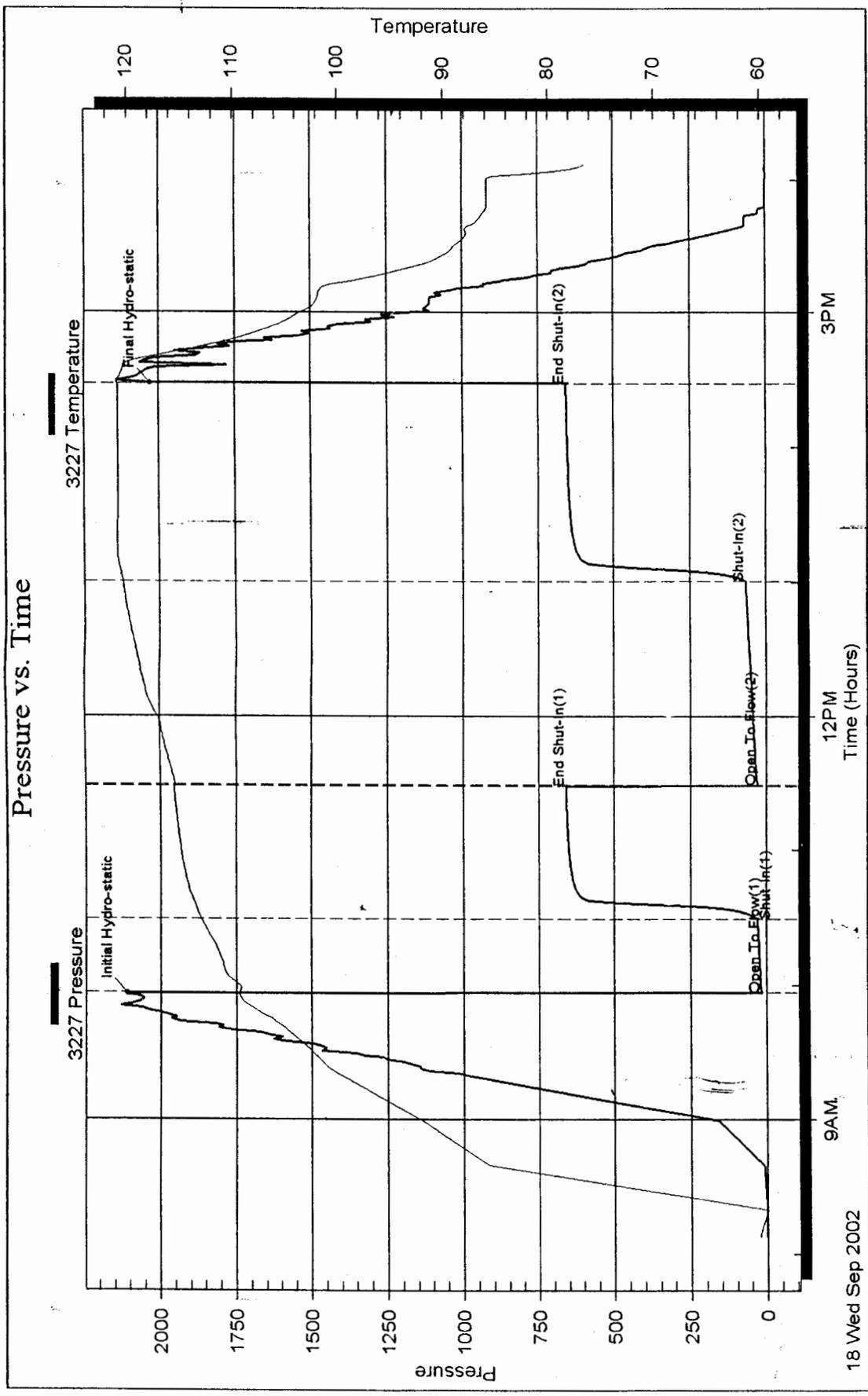
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 510' gas in pipe



DRILL STEM TEST REPORT



McCoy Petro. Corp.
 PO Box 780208
 Wichita, Ks 67578-0208
 ATTN: McCoy Petro. Corp.

Thrasher #2-1
 1-11-34 Logan, Ks
 Job Ticket: 15189
 DST#: 3
 Test Start: 2002.09.19 @ 01:40:30

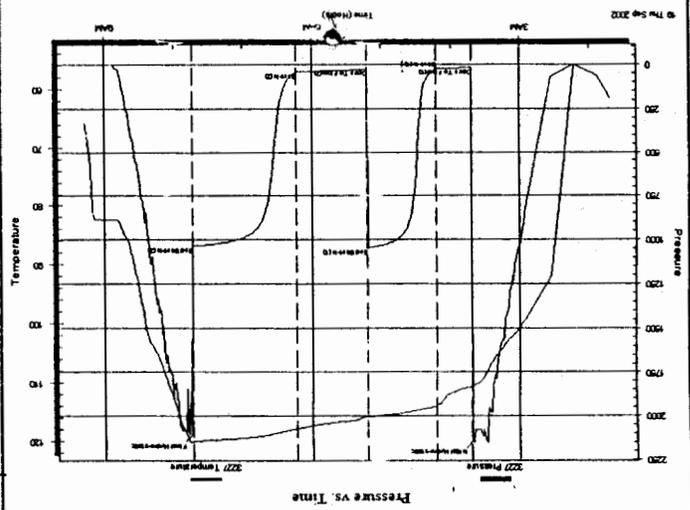
GENERAL INFORMATION:

Formation: "K"
 Deviated: No
 Whipstock: ft (KB)
 Time Tool Opened: 03:41:59
 Time Test Ended: 09:16:59
 Interval: 4344.00 ft (KB) To 4378.00 ft (KB) (TVD)
 Total Depth: 4378.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Fair
 KB to GR/CF: 5.00 ft

Serial #: 3227 Inside
 Press@RunDepth: 40.70 psig @ 4345.00 ft (KB)
 Start Date: 2002.09.19 End Date: 2002.09.19
 Start Time: 01:40:30 End Time: 09:16:59
 Capacity: 7000.00 psig
 Last Carb.: 1899.12.30
 Time On Btm: 2002.09.19 @ 03:40:59
 Time Off Btm: 2002.09.19 @ 07:44:14
 TEST COMMENT: 3 1/2"n. blow
 No return
 1/4"n. @ open built to 5 1/2"n.
 No return

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2140.22	110.57	Initial Hydro-static
1	16.51	110.61	Open To Flow (1)
32	23.40	114.03	Shut-h(1)
91	1045.15	115.93	End Shut-h(1)
92	24.90	115.84	Open To Flow (2)
153	40.70	117.91	Shut-h(2)
243	1035.17	120.06	End Shut-h(2)
244	2103.49	120.18	Final Hydro-static



RECOVERY

Length (ft)	Description	Volume (bbl)
5.00	c g o 15%g 85%o	0.07
60.00	s g o c m 10%g 30%o 60%o m	0.84

Gas Rates

Chde (inches)	Pressure (psig)	Gas Rate (Mcfd)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petro. Corp.

Thrasher #2-1

PO Box 780208
Wichita, Ks 67578-0208

1-11-34 Logan, Ks

Job Ticket: 15189

DST#: 3

ATTN: McCoy Petro. Corp.

Test Start: 2002.09.19 @ 01:40:30

Tool Information

Oil Pipe:	Length: 4337.00 ft	Diameter: 3.80 inches	Volume: 60.84 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:	30000.00 lb
Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	75000.00 lb
			<u>Total Volume: 60.84 bbl</u>	Tool Chased	0.00 ft
Oil Pipe Above KB:	15.00 ft			String Weight: Initial	56000.00 lb
Depth to Top Packer:	4344.00 ft			Final	57000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	34.00 ft				
Tool Length:	56.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
O. Sub	1.00			4323.00	
I. Tool	5.00			4328.00	
WV	5.00			4333.00	
Safety Joint	2.00			4335.00	
Packer	5.00			4340.00	22.00 Bottom Of Top Packer
Packer	4.00			4344.00	
Tubing	1.00			4345.00	
Recorder	0.00	3227	Inside	4345.00	
Perforations	28.00			4373.00	
Recorder	0.00	11057	Outside	4373.00	
Plugnose	5.00			4378.00	34.00 Bottom Packers & Anchor
Total Tool Length:	56.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petro. Corp.

Thrasher #2-1

PO Box 780208
Wichita, Ks 67578-0208

1-11-34 Logan, Ks

Job Ticket: 15189

DST#: 3

ATTN: McCoy Petro. Corp.

Test Start: 2002.09.19 @ 01:40:30

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: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.76 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: 1.00 inches

Recovery Information:

Recovery Table

Length ft	Description	Volume bbl
5.00	c g o 15%g 85%o	0.070
60.00	s g o c m 10%g 30%o 60%m	0.842

Total Length: 65.00 ft Total Volume: 0.912 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 178' gas in pipe

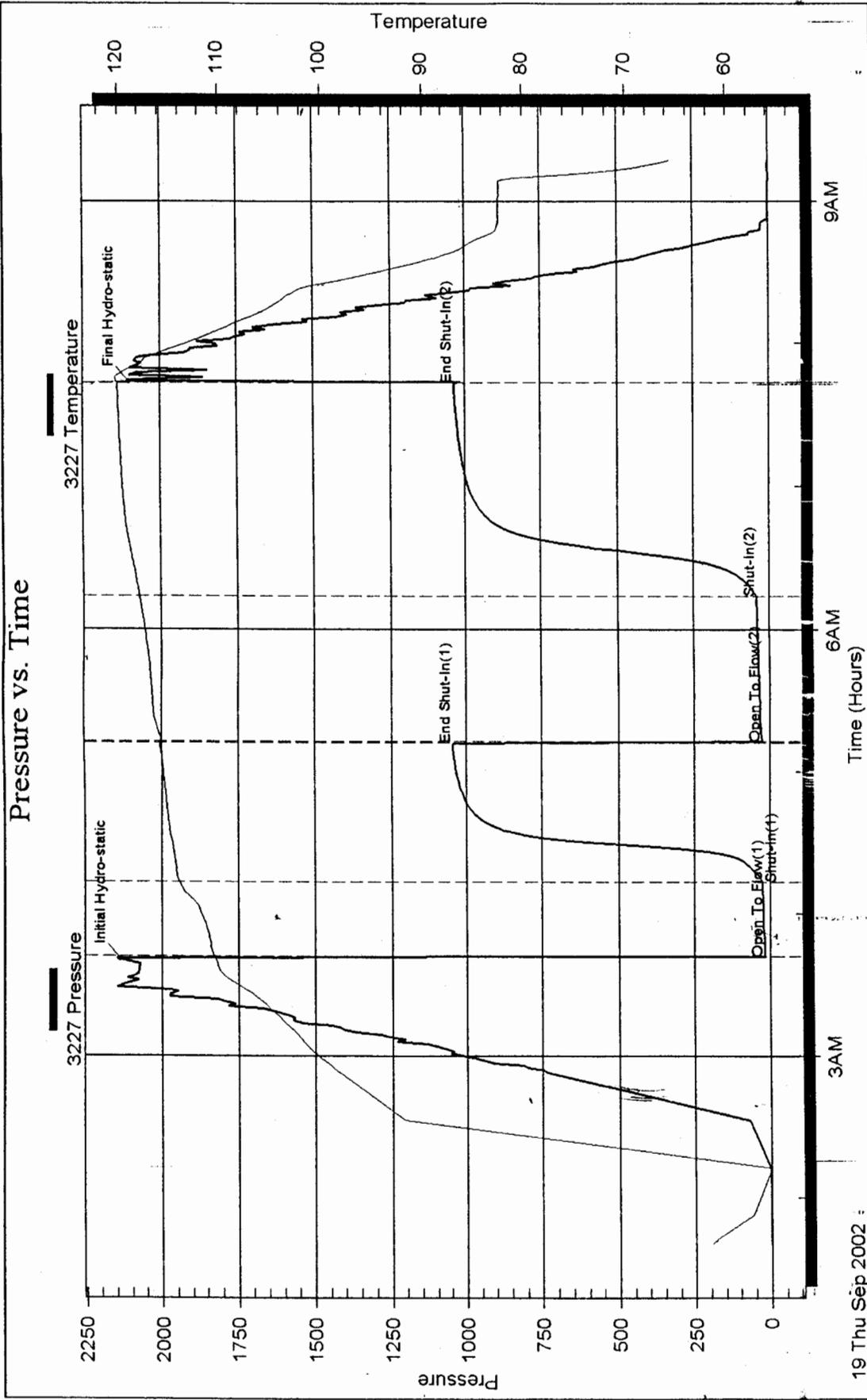
Serial #: 3227

Inside McCoy Petro. Corp.

1-11-34 Logan, Ks

DST Test Number: 3

Pressure vs. Time



19 Thu Sep 2002

Trilobite Testing, Inc

Ref. No: 15189

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TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

McCoy Petro. Corp.
 PO Box 780208
 Wichita, Ks 67578-0208
 ATTN: McCoy Petro.Corp.

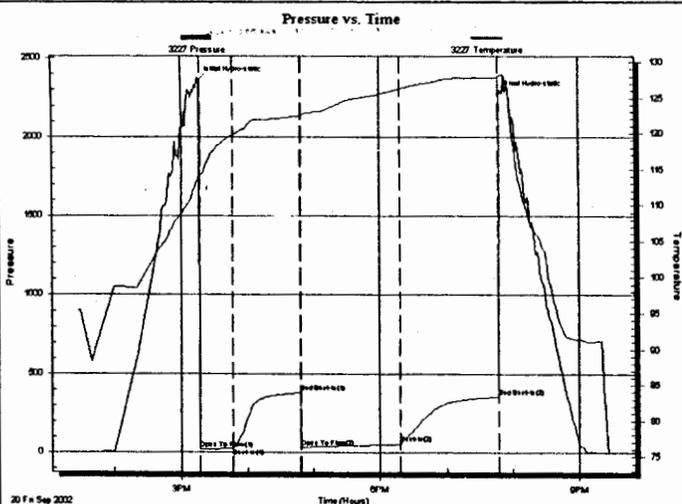
Thrasher #2-1
1-11-34 Logan, Ks
 Job Ticket: 15190 **DST#: 4**
 Test Start: 2002.09.20 @ 13:27:44

GENERAL INFORMATION:

Formation: **Johnson**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 15:16:13
 Time Test Ended: 21:26:13
 Test Type: **Conventional Bottom Hole**
 Tester: **Shane McBride**
 Unit No: **15**
 Interval: **4664.00 ft (KB) To 4688.00 ft (KB) (TVD)**
 Reference Elevations: **3198.00 ft (KB)**
 Total Depth: **4688.00 ft (KB) (TVD)**
3193.00 ft (CF)
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 KB to GR/CF: **5.00 ft**

Serial #: 3227 Inside
 Press@RunDepth: **54.42 psig @ 4665.00 ft (KB)** Capacity: **7000.00 psig**
 Start Date: **2002.09.20** End Date: **2002.09.20** Last Calib.: **1899.12.30**
 Start Time: **13:27:44** End Time: **21:26:13** Time On Bltr: **2002.09.20 @ 15:15:58**
 Time Off Bltr: **2002.09.20 @ 19:47:28**

TEST COMMENT: B.O.B. in 25 min.
 return blow in 3 min. died in 15 min.
 B.O.B in 29 min.
 return blow in 5 min, died in 20 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2358.95	114.10	Initial Hydro-static
1	17.13	113.97	Open To Flow (1)
31	25.88	119.77	Shut-in(1)
92	379.06	122.43	End Shut-in(1)
93	30.03	122.41	Open To Flow (2)
183	54.42	126.26	Shut-in(2)
271	356.11	127.79	End Shut-in(2)
272	2271.43	128.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	sg o cm 10%g 30%o 60%m	0.63
60.00	c g o 70%o 30%g	0.84

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petro. Corp.
PO Box 780208
Wichita, Ks 67578-0208
ATTN: McCoy Petro. Corp.

Thrasher #2-1
1-11-34 Logan, Ks
Job Ticket: 15190 **DST#: 4**
Test Start: 2002.09.20 @ 13:27:44

Tool Information

Drill Pipe:	Length: 4652.00 ft	Diameter: 3.80 inches	Volume: 65.26 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: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			Total Volume: 65.26 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4664.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	46.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4643.00	
S.I. Tool	5.00			4648.00	
HMV	5.00			4653.00	
Safety Joint	2.00			4655.00	
Packer	5.00			4660.00	22.00 Bottom Of Top Packer
Packer	4.00			4664.00	
Stubb	1.00			4665.00	
Recorder	0.00	3227	Inside	4665.00	
Perforations	18.00			4683.00	
Recorder	0.00	11057	Outside	4683.00	
Bullnose	5.00			4688.00	24.00 Bottom Packers & Anchor

Total Tool Length: 46.00



**TRIOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petro. Corp.

Thrasher #2-1

PO Box 780208
Wichita, Ks 67578-0208

1-11-34 Logan, Ks

Job Ticket: 15190

DST#: 4

ATTN: McCoy Petro.Corp.

Test Start: 2002.09.20 @ 13:27:44

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: 47.00 sec/qt

Cushion Volume:

bbf

Water Loss: 11.17 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
45.00	s g o c m 10%g 30%o 60%m	0.631
60.00	c g o 70%o 30%g	0.842

Total Length: 105.00 ft Total Volume: 1.473 bbf

Num Fluid Samples: 0

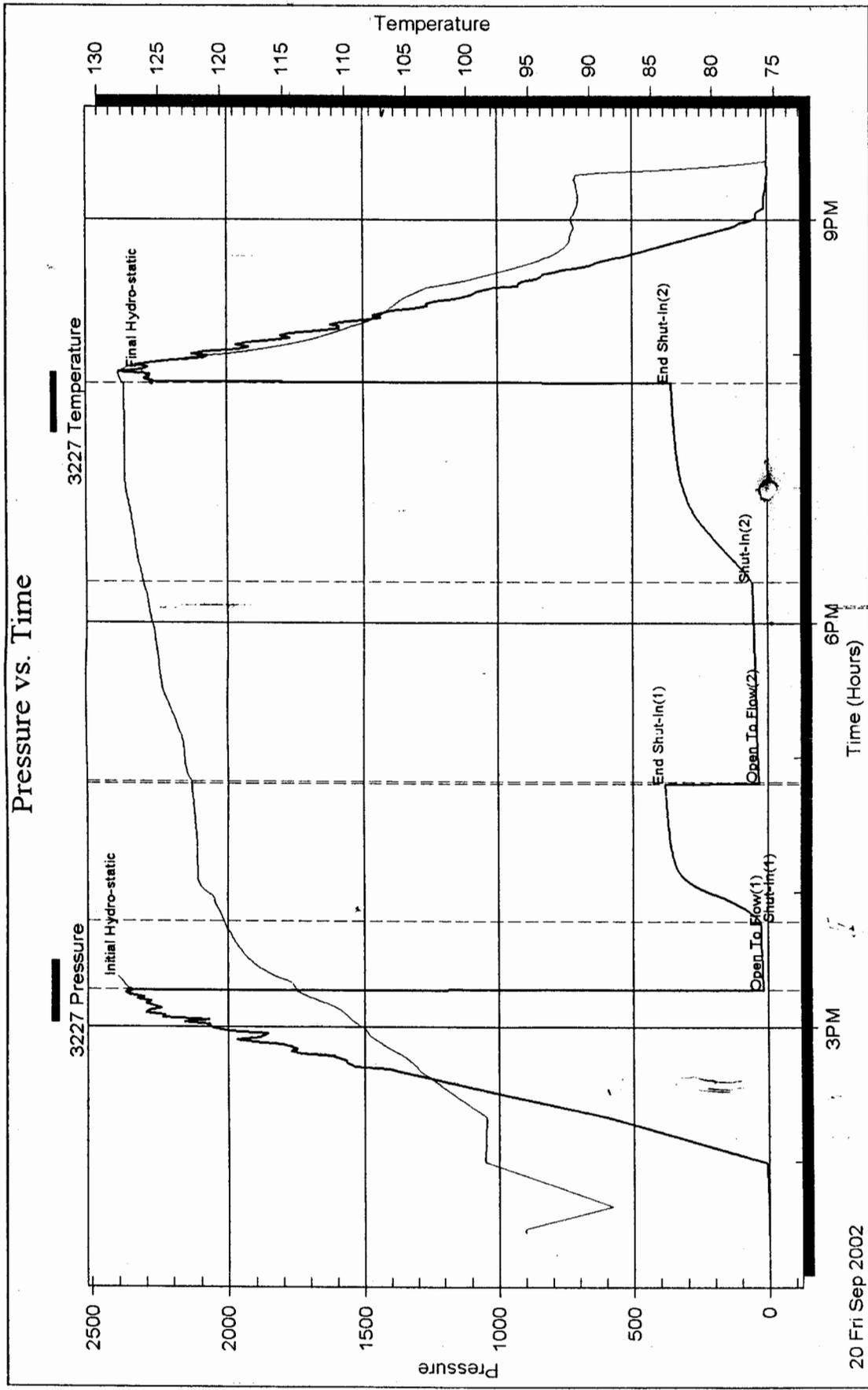
Num Gas Bombs: 0

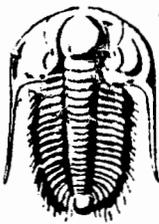
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 765' gas in pipe





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

RELEASED FROM CONFIDENTIAL No. 15187

Test Ticket

Well Name & No. Thrasher #2-1 Test No. #1 Date 9-17-02
 Company McCoy Petro. Corp. Zone Tested "H"
 Address P.O. Box 780208, Wichita KS 67278 Elevation 3198' KB 3123' GL
 Co. Rep / Geo. Corey Baker Cont. L.D. #1 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 1 Twp. 11 Rge. 34 Co. Logan State KS
 No. of Copies Norm Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4266' , 4285' Initial Str Wt./Lbs. 60,000 Unseated Str Wt./Lbs. 54,000
 Anchor Length _____ 19' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 75,000
 Top Packer Depth _____ 4266' Tool Weight 1,500
 Bottom Packer Depth _____ 4266' Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth _____ 4285' Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9.3 LCM Ø Vis. 49 WL 10.4 Drill Pipe Size 4 1/2 X 11 Ft. Run 4275'
 Blow Description 1/4" @ open, built to 3 1/4" in

No return
Weak surface blow in cement, built to 1 1/4"
No return

Recovery — Total Feet 120' GIP _____ Ft. in DC _____ Ft. in DP 120'
 Rec. 120 Feet Of S m c w w/o i %gas Scum on top %oil 70% %water 90 %mud 10
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet Of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 122 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
 RW 0.169 @ 70° °F Chlorides 43,000 ppm Recovery Chlorides 4,500 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2219</u>	<u>2102</u>		<u>3227</u>	<u>14:30 p.m.</u>
(B) First Initial Flow Pressure	<u>56</u>	<u>17</u>	PSI	(depth) <u>4267'</u>	T-Started <u>15:30 p.m.</u>
(C) First Final Flow Pressure	<u>89</u>	<u>35</u>	PSI	Recorder No. <u>11057</u>	T-Open <u>17:25 p.m.</u>
(D) Initial Shut-In Pressure	<u>621</u>	<u>666</u>	PSI	(depth) <u>4280'</u>	T-Pulled <u>21:25 p.m.</u>
(E) Second Initial Flow Pressure	<u>89</u>	<u>37</u>	PSI	Recorder No. _____	T-Out <u>23:20 p.m.</u>
(F) Second Final Flow Pressure	<u>89</u>	<u>67</u>	PSI	(depth) _____	T-Off Location <u>Storage on loc.</u>
(G) Final Shut-in Pressure	<u>627</u>	<u>Reith</u>	PSI	Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/>
(Q) Final Hydrostatic Mud	<u>2208</u>	<u>died</u>	PSI	Initial Shut-in <u>60</u>	Jars _____

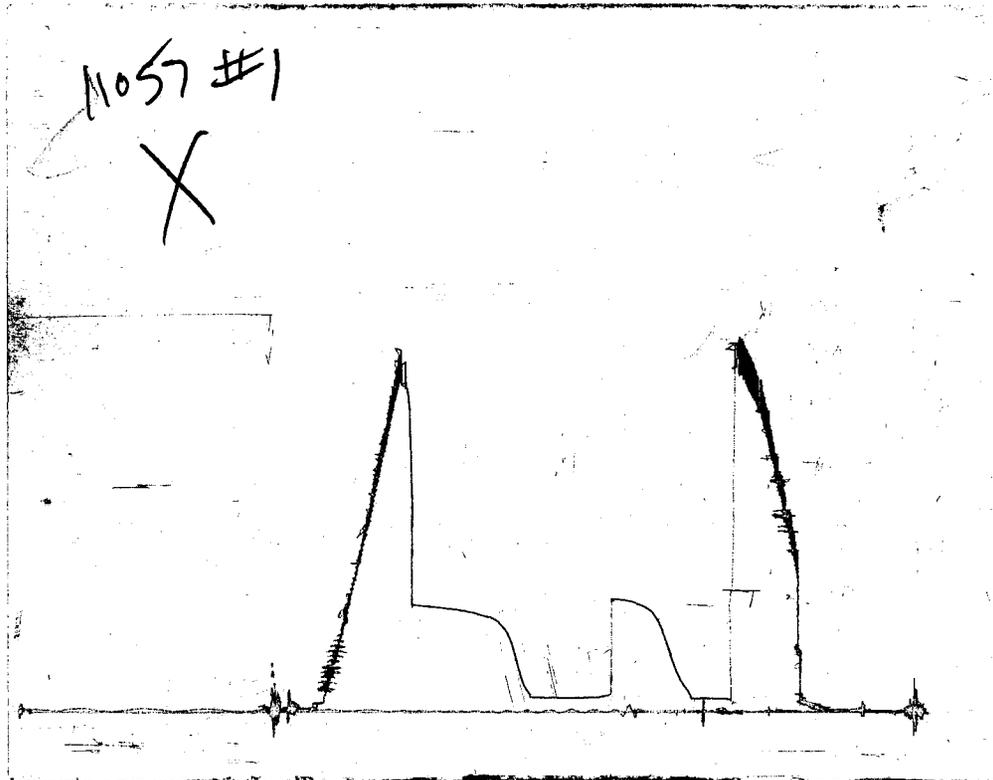
Final Flow 60 Safety Joint
 Final Shut-in 90 Straddle _____
 _____ Circ. Sub x 1/2
 _____ Sampler _____
 _____ Extra Packer _____
 _____ Elec. Rec.
 _____ Mileage X 55 way
 _____ Other _____
 TOTAL PRICE \$ _____

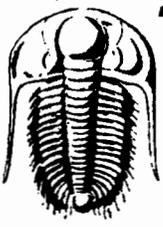
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Approved By Corey N. Baker
 Our Representative [Signature]

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 15188

Test Ticket

Well Name & No. Thrasher #2-1 Test No. #2 Date 9-18-02
 Company Mcco Petro, Corp. Zone Tested Z
 Address P.O. Box 780208, Wichita, KS Elevation 3198' KB 3193' GL
 Co. Rep / Geo. Corey Baker Cont. L.P. #1 Est. Ft. of Pay Por. %
 Location: Sec. 1 Twp. 11 Rge. 34 Co. Logan State KS
 No. of Copies Tom Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 4295 4325 Initial Str Wt./Lbs. 56,000 Unseated Str Wt./Lbs. 56,000
 Anchor Length 30 Wt. Set Lbs. 39,000 Wt. Pulled Loose/Lbs. 75,000
 Top Packer Depth 4090 Tool Weight 1500
 Bottom Packer Depth 4295 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 4325 Wt. Pipe Run Drill Collar Run
 Mud Wt. 9.3 LCM Ø Vis. 52 WL 12.8 Drill Pipe Size 4 1/2 X 4 Ft. Run

Blow Description 1 1/4" open built to B.O.B in 30 min
Bleed off for 3 min return in 9 min (Surface blow) died in 20 min
B.O.B in 24 min.
Bleed off for 4 min return in 5 min 1 1/4" blow died in 25 min.

Recovery — Total Feet 150' GIP 510' Ft. in DC Ft. in DP 150'
 Rec. 120' Feet Of CGO 30% gas 70% oil %water %mud
 Rec. 30' Feet Of M C 90 25% gas 45% oil %water 30% mud
 Rec. Feet Of %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 BHT 121 °F Gravity 40 °API D@ 70' °F Corrected Gravity 39 °API
 RW @ °F Chlorides ppm Recovery Chlorides 6,500 ppm System

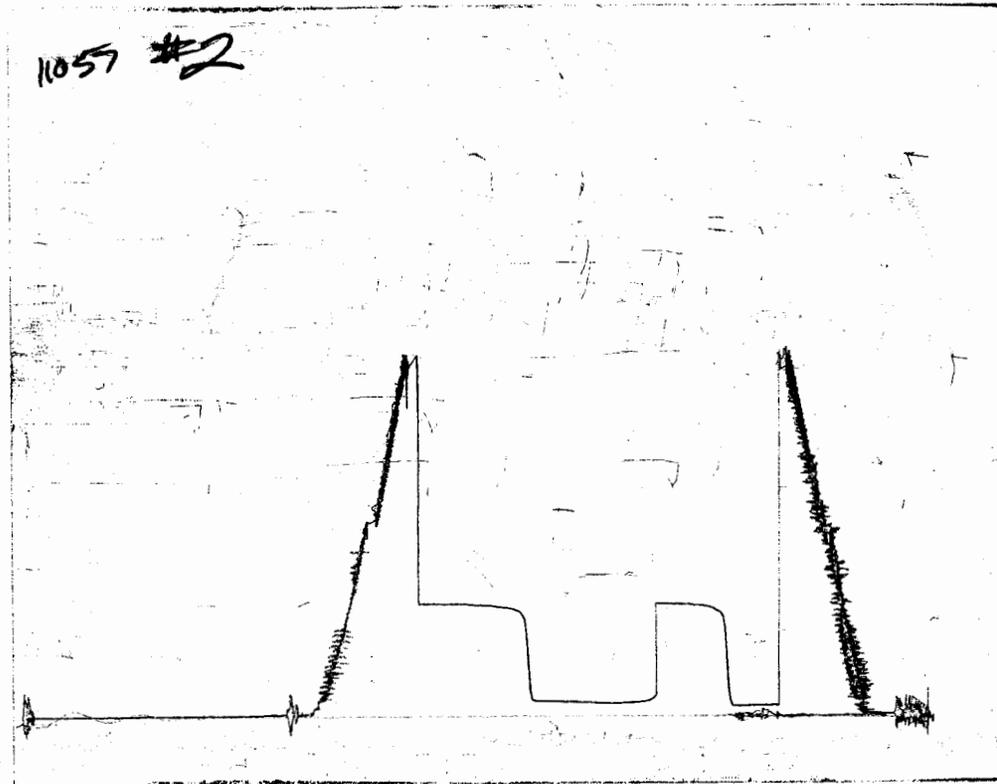
	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud		2110		1115 3227	7:00 A.M.
(B) First Initial Flow Pressure		15		4296'	T-Started 08:00 A.M.
(C) First Final Flow Pressure		30		1157	T-Open 09:50 A.M.
(D) Initial Shut-In Pressure		657		4320'	T-Pulled 14:20 P.M.
(E) Second Initial Flow Pressure		28			T-Out 16:20 P.M.
(F) Second Final Flow Pressure		65			T-Off Location 17:00 P.M.
(G) Final Shut-in Pressure		655		Initial Opening 30	Test K 800
(Q) Final Hydrostatic Mud		2102		Initial Shut-in 600	Jars <u> </u>
				Final Flow 90	Safety Joint X 50
				Final Shut-in 90	Straddle <u> </u>
					Circ. Sub X N/C <u> </u>
					Sampler <u> </u>
					Extra Packer <u> </u>
					Elec. Rec X 150
					Mileage <u> </u>
					Other <u> </u> \$1000
					TOTAL PRICE \$ <u> </u>

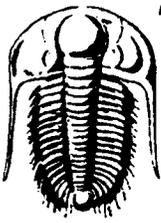
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Approved By Corey N. Baker
 Our Representative

CHART PAGE

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 15189

Test Ticket

Well Name & No. Thresher #2-1 Test No. #3 Date 9-19-02
 Company Melex Petro. Corp. Zone Tested "K"
 Address P.O. Box 480208, Wichita, KS Elevation 3928' KB 3193' GL
 Co. Rep / Geo. Corey Baker Cont. W.D. #1 Est. Ft. of Pay Por. %
 Location: Sec. 1 Twp. 16 Rge. 34 Co. Leavenworth State KS
 No. of Copies Alarm Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 4344 4378 Initial Str Wt./Lbs. 5000 Unseated Str Wt./Lbs.
 Anchor Length 31 Wt. Set Lbs. 3000 Wt. Pulled Loose/Lbs. 7500
 Top Packer Depth 4339 Tool Weight 1500
 Bottom Packer Depth 4344 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 4378 Wt. Pipe Run Drill Collar Run
 Mud Wt. 9.3 LCM Vis. 52 WL 12.8 Drill Pipe Size 4 1/2 x 4 Ft. Run 4337'
 Blow Description 3 1/2" in blow

No return
1/4" @ open built to 5 1/2" in.
No return

Recovery — Total Feet 65' GIP 178' Ft. in DC Ft. in DP 65'
 Rec. 5 Feet Of cgo 15% gas 85% oil %water %mud
 Rec. 60 Feet Of sgocm 10% gas 30% 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 120° °F Gravity °API D@ °F Corrected Gravity °API
 RW @ °F Chlorides ppm Recovery Chlorides 6500 ppm System

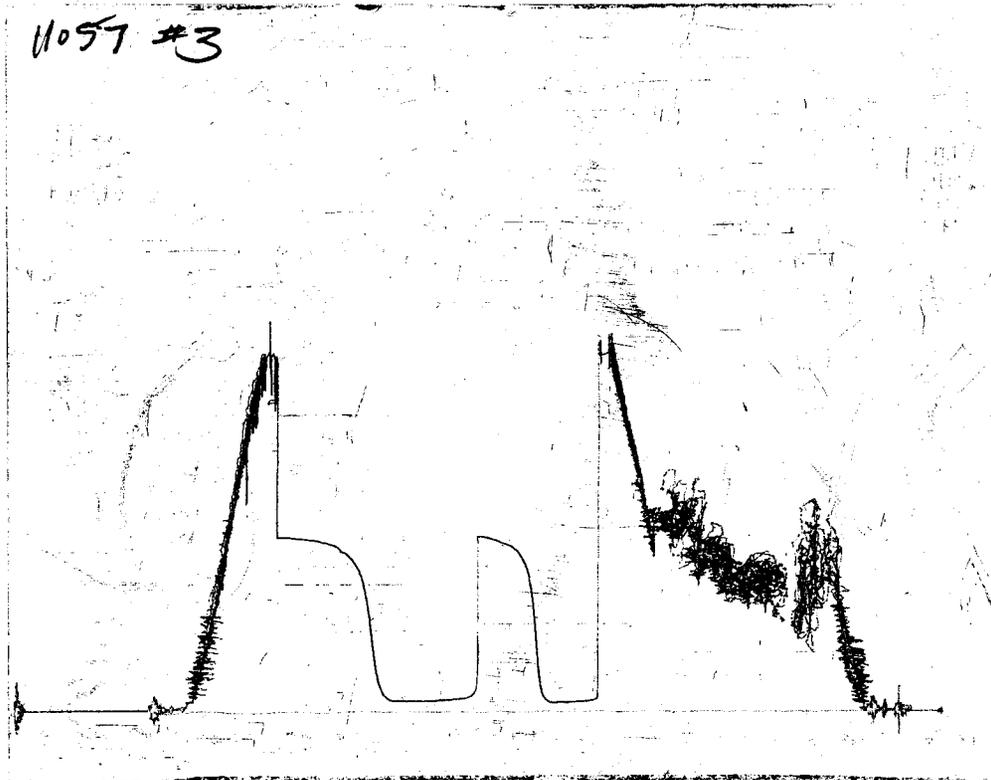
	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud		<u>2140</u>		<u>3227</u>	<u>01:10 A.M.</u>
(B) First Initial Flow Pressure		<u>16</u>		<u>4345'</u>	<u>01:35 A.M.</u>
(C) First Final Flow Pressure		<u>23</u>		<u>11057</u>	<u>03:35 A.M.</u>
(D) Initial Shut-In Pressure		<u>1045</u>		<u>4373'</u>	<u>07:35 A.M.</u>
(E) Second Initial Flow Pressure		<u>24</u>			<u>09:25 A.M.</u>
(F) Second Final Flow Pressure		<u>40</u>			<u>10:20 A.M.</u>
(G) Final Shut-in Pressure		<u>1035</u>		Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/> <u>800</u>
(Q) Final Hydrostatic Mud		<u>2103</u>		Initial Shut-in <u>60</u>	Jars <u> </u>
				Final Flow <u>60</u>	Safety Joint <input checked="" type="checkbox"/> <u>50</u>
				Final Shut-in <u>90</u>	Straddle <u> </u>
					Circ. Sub <input checked="" type="checkbox"/> <u>n/c</u>
					Sampler <u> </u>
					Extra Packer <u> </u>
					Elec. Rec. <input checked="" type="checkbox"/> <u>150</u>
					Mileage <input checked="" type="checkbox"/> <u>5.5</u> <u>1034</u> <u>55</u>
					Other <u> </u>
					TOTAL PRICE \$ <u>\$1055</u>

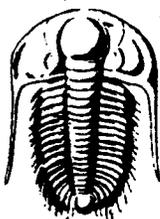
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Approved By Corey N. Baker
 Our Representative [Signature]

CHART PAGE

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 15190

Test Ticket

Well Name & No. Trasher #2-1 Test No. #4 Date 9-20-02
 Company Mccoys Petro. Corp. Zone Tested Johnson
 Address P.O. Box 780208, W.ich. Mo, KS 67278 Elevation 3198 KB 393 GL
 Co. Rep / Geo. Cory Baker Cont. H.D. #1 Est. Ft. of Pay Por. %
 Location: Sec. 1 Twp. 11 Rge. 34 Co. Logan State Ks
 No. of Copies Turn Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 4664 4688 Initial Str Wt./Lbs. 58,000 Unseated Str Wt./Lbs. 59,000
 Anchor Length 24 Wt. Set Lbs. 39,000 Wt. Pulled Loose/Lbs. 75,000
 Top Packer Depth 4659 Tool Weight 1500
 Bottom Packer Depth 4664 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 4688 Wt. Pipe Run Drill Collar Run
 Mud Wt. 9.4 LCM Vis. 47 WL 11.2 Drill Pipe Size 4 1/2 x 4 Ft. Run 4652'

Blow Description B.O.B in 25 min
Bleedoff for 3 min return in 3 min, weak surface blow died in 15 min
1/2" @ open B.O.B in 29 min.
Bleed off for 3 min return in 5 min died in 20 min.

Recovery — Total Feet	<u>105'</u>	GIP	<u>765'</u>	Ft. in DC	<u> </u>	Ft. in DP	<u>105'</u>
Rec.	<u>45</u>	Feet Of	<u>590 cm</u>	10% gas	<u>30</u>	%oil	<u>60</u>
Rec.	<u>60</u>	Feet Of	<u>90</u>	30% gas	<u>70</u>	%oil	<u> </u>
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>
BHT	<u>127°</u>	°F Gravity	<u>27</u>	°API D@	<u>70°</u>	°F Corrected Gravity	<u>26</u>
RW	<u> </u>	@	<u> </u>	°F Chlorides	<u> </u>	ppm Recovery	<u>6,600</u>

(A) Initial Hydrostatic Mud	<u>2358</u>	PSI	Recorder No.	<u>3227</u>	T-On Location	<u>12:45 pm</u>
(B) First Initial Flow Pressure	<u>17</u>	PSI	(depth)	<u>4665'</u>	T-Started	<u>13:20 pm</u>
(C) First Final Flow Pressure	<u>25</u>	PSI	Recorder No.	<u>11057</u>	T-Open	<u>15:10 pm</u>
(D) Initial Shut-In Pressure	<u>379</u>	PSI	(depth)	<u>4683'</u>	T-Pulled	<u>19:40 pm</u>
(E) Second Initial Flow Pressure	<u>30</u>	PSI	Recorder No.	<u> </u>	T-Out	<u>21:40 pm</u>
(F) Second Final Flow Pressure	<u>54</u>	PSI	(depth)	<u> </u>	T-Off Location	<u>23:10 pm</u>
(G) Final Shut-in Pressure	<u>356</u>	PSI	Initial Opening	<u>30</u>	Test X	<u>800</u>
(Q) Final Hydrostatic Mud	<u>2320</u>	PSI	Initial Shut-in	<u>60</u>	Jars	<u> </u>
			Final Flow	<u>90</u>	Safety Joint X	<u>50</u>
			Final Shut-in	<u>90</u>	Straddle	<u> </u>

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Approved By Cory N. Baker
 Our Representative [Signature]

Circ. Sub X N/C
 Sampler
 Extra Packer
 Elec. Rec. X 150
 Mileage X 55 1 way 55
 Other \$1055
 TOTAL PRICE \$

CHART PAGE

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