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**TRILOBITE  
TESTING, INC.**

RECEIVED  
JUL 21 2003  
KCC WICHITA

McCoy Petro Corp

Whiting Trust Unit A #1

6-19-30 Lane, Ks

DST # 1

"L"

2003.05.01

### DRILL STEM TEST REPORT

Prepared For: **McCoy Petro Corp**

PO Box 780208  
Wichita Ks 67278

ATTN: McCoy Petro Corp

6-19-30 Lane, Ks

**Whiting Trust Unit A #1**

Start Date: 2003.05.01 @ 16:37:47

End Date: 2003.05.02 @ 00:38:15

Job Ticket #: 16258                      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

McCoy Petro Corp

Whiting Trust Unit A #1

PO Box 780208  
Wichita Ks 67278

6-19-30 Lane, Ks

Job Ticket: 16258

DST#: 1

ATTN: McCoy Petro Corp

Test Start: 2003.05.01 @ 16:37:47

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**GENERAL INFORMATION:**

Formation: "L"  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 18:19:00  
Time Test Ended: 00:38:15

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 25

Interval: 4301.00 ft (KB) To 4315.00 ft (KB) (TVD)  
Total Depth: 4315.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2907.00 ft (KB)

2902.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 2341**

Inside

Press@RunDepth: 863.71 psig @ 4302.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2003.05.01

End Date:

2003.05.02

Last Calib.: 1899.12.30

Start Time: 16:37:47

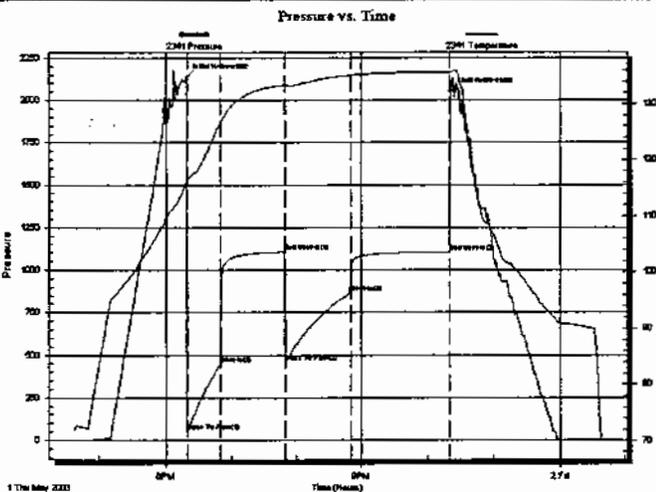
End Time:

00:38:15

Time On Btmr: 2003.05.01 @ 18:18:30

Time Off Btmr: 2003.05.01 @ 22:20:45

**TEST COMMENT:** B.O.B. in 3 min  
No return  
B.O.B. in 4 min  
No return



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2136.12	116.26	Initial Hydro-static
1	48.49	116.42	Open To Flow (1)
32	449.03	126.59	Shut-in(1)
91	1105.76	133.39	End Shut-in(1)
92	459.56	133.39	Open To Flow (2)
152	863.71	135.11	Shut-in(2)
242	1104.74	135.68	End Shut-in(2)
243	2049.85	135.68	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
90.00	s m c w 10% m 90% w	1.26
1860.00	w ater 100% w	26.09

**Gas Rates**

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

McCoy Petro Corp

Whiting Trust Unit A #1

PO Box 780208  
Wichita Ks 67278

6-19-30 Lane, Ks

Job Ticket: 16258      DST#: 1

ATTN: McCoy Petro Corp

Test Start: 2003.05.01 @ 16:37:47

**Tool Information**

Drill Pipe:	Length: 4312.00 ft	Diameter: 3.80 inches	Volume: 60.49 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: 70000.00 lb
			<u>Total Volume: 60.49 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	4301.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	36.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4280.00	
S.I. Tool	5.00			4285.00	
HMV	5.00			4290.00	
Safety Joint	2.00			4292.00	
Packer	5.00			4297.00	22.00      Bottom Of Top Packer
Packer	4.00			4301.00	
Stubb	1.00			4302.00	
Recorder	0.00	2341	Inside	4302.00	
Perforations	8.00			4310.00	
Recorder	0.00	11058	Outside	4310.00	
Bullnose	5.00			4315.00	14.00      Bottom Packers & Anchor

**Total Tool Length: 36.00**



**TRILOBITE  
TESTING, INC.**

### DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petro Corp

Whiting Trust Unit A #1

PO Box 780208  
Wichita Ks 67278

6-19-30 Lane, Ks

Job Ticket: 16258      DST#: 1

ATTN: McCoy Petro Corp

Test Start: 2003.05.01 @ 16:37:47

#### Mud and Cushion Information

Mud Type: Gal Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	51000 ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.56 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohmm	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

#### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	s m c w 10% m 90% w	1.262
1860.00	water 100% w	26.091

Total Length: 1950.00 ft      Total Volume: 27.353 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

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DST Test Number: 1

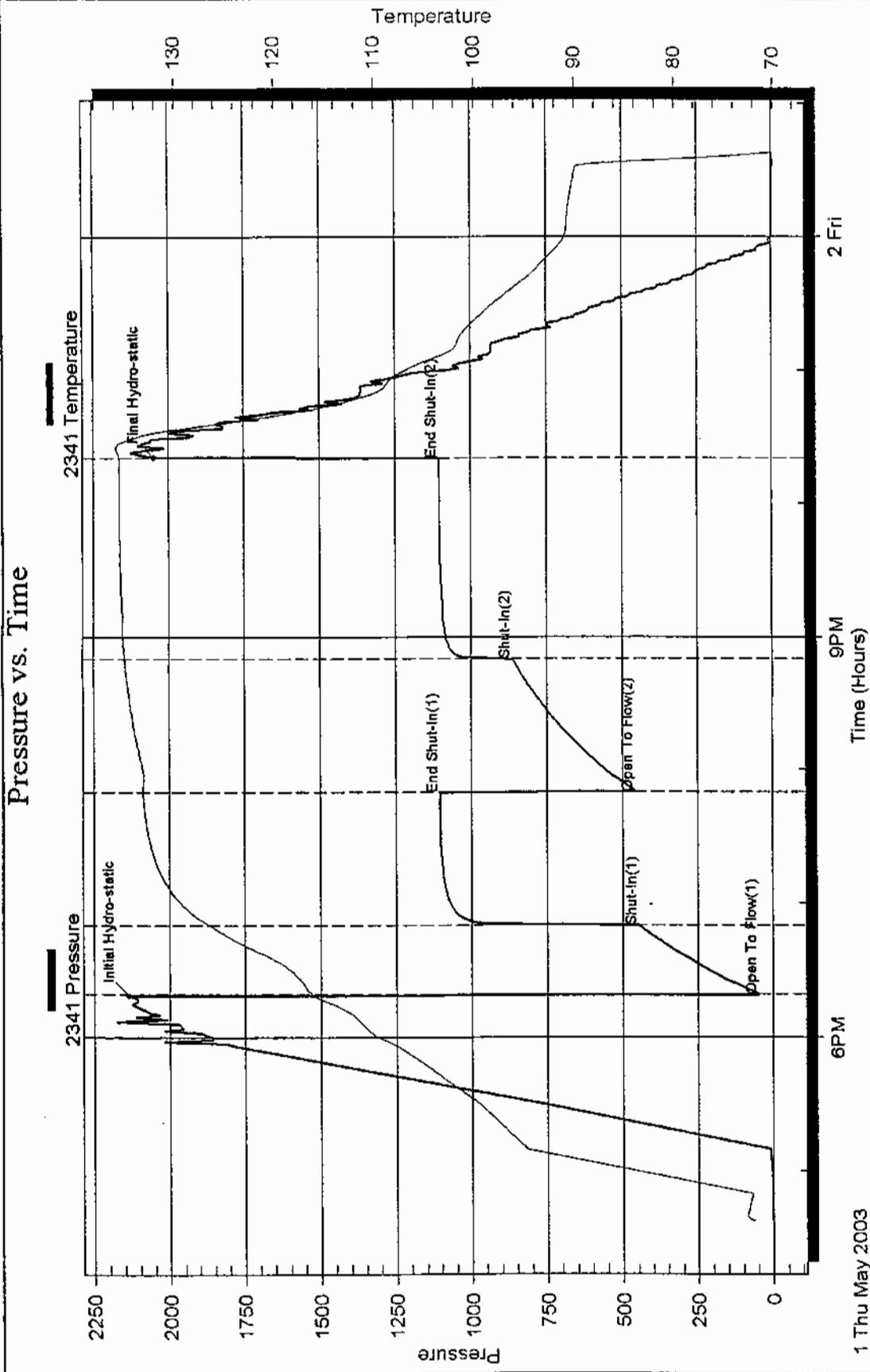
6-19-30 Lane, Ks

McCoy Petro Corp

Inside

Serial #: 2341

### Pressure vs. Time



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KCC WICHITA



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## DRILL STEM TEST REPORT

Prepared For: **McCoy Petro Corp**

PO Box 780208  
Wichita Ks 67278

ATTN: McCoy Petro Corp

**6-19-30 Lane, Ks**

**Whiting Trust Unit A #1**

Start Date: 2003.05.02 @ 20:15:39

End Date: 2003.05.03 @ 02:33:52

Job Ticket #: 16259      DST #: 2

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



**TRIOBITE TESTING, INC**

# DRILL STEM TEST REPORT

McCoy Petro Corp  
 PO Box 780208  
 Wichita Ks 67278  
 ATTN: McCoy Petro Corp

Whiting Trust Unit A #1  
 6-19-30 Lane, Ks  
 Job Ticket: 16259      DST#: 2  
 Test Start: 2003.05.02 @ 20:15:39

## GENERAL INFORMATION:

Formation: **pawnee/ft scott**  
 Deviated: **No** Whipstock:      ft (KB)  
 Time Tool Opened: 21:56:37  
 Time Test Ended: 02:33:52

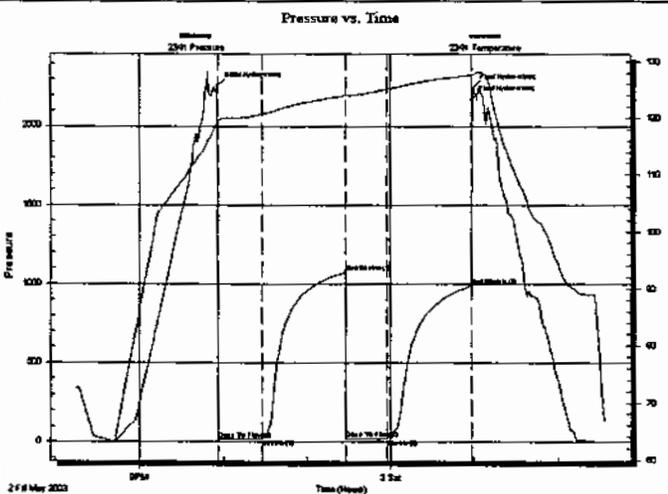
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Test Type: Conventional Bottom Hole  
 Tester: Shane McBride  
 Unit No: 25  
 Reference Elevations: 2907.00 ft (KB)  
 2902.00 ft (CF)  
 KB to GR/CF: 5.00 ft

Interval: **4467.00 ft (KB) To 4500.00 ft (KB) (TVD)**  
 Total Depth: **4500.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: Fair

Serial #: **2341**      Inside  
 Press@RunDepth: **20.39 psig @ 4468.00 ft (KB)**      Capacity: **7000.00 psig**  
 Start Date: **2003.05.02**      End Date: **2003.05.03**      Last Calib.: **1899.12.30**  
 Start Time: **20:15:39**      End Time: **02:33:52**      Time On Btrr: **2003.05.02 @ 21:56:07**  
 Time Off Btrr: **2003.05.03 @ 00:58:52**

TEST COMMENT: 1/4" in. @ open died back to a weak surface blow  
 No return  
 Bubble to open tool, No blow  
 No return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2261.70	119.29	Initial Hydro-static
1	13.86	119.44	Open To Flow (1)
32	18.83	120.69	Shut-in(1)
92	1071.70	123.99	End Shut-in(1)
92	18.26	124.00	Open To Flow (2)
121	20.39	125.08	Shut-in(2)
183	987.80	127.59	End Shut-in(2)
183	2171.15	127.60	Final Hydro-static
184	2246.07	127.69	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100%rn	0.14

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

McCoy Petro Corp

**Whiting Trust Unit A #1**

PO Box 780208  
Wichita Ks 67278

**6-19-30 Lane, Ks**

Job Ticket: 16259      **DST#: 2**

ATTN: McCoy Petro Corp

Test Start: 2003.05.02 @ 20:15:39

**Tool Information**

Drill Pipe:	Length: 4470.00 ft	Diameter: 3.80 inches	Volume: 62.70 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: 68000.00 lb
			<b>Total Volume: 62.70 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	4467.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	33.00 ft			
Tool Length:	55.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4446.00	
S.I. Tool	5.00			4451.00	
HMV	5.00			4456.00	
Safety Joint	2.00			4458.00	
Packer	5.00			4463.00	22.00 Bottom Of Top Packer
Packer	4.00			4467.00	
Stubb	1.00			4468.00	
Recorder	0.00	2341	Inside	4468.00	
Perforations	27.00			4495.00	
Recorder	0.00	11058	Outside	4495.00	
Bullnose	5.00			4500.00	33.00 Bottom Packers & Anchor

**Total Tool Length: 55.00**



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# DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petro Corp

Whiting Trust Unit A #1

PO Box 780208  
Wichita Ks 67278

6-19-30 Lane, Ks

Job Ticket: 16259

DST#: 2

ATTN: McCoy Petro Corp

Test Start: 2003.05.02 @ 20:15:39

## 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:

2500 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100% m	0.140

Total Length:

10.00 ft

Total Volume:

0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

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Serial #: 2341

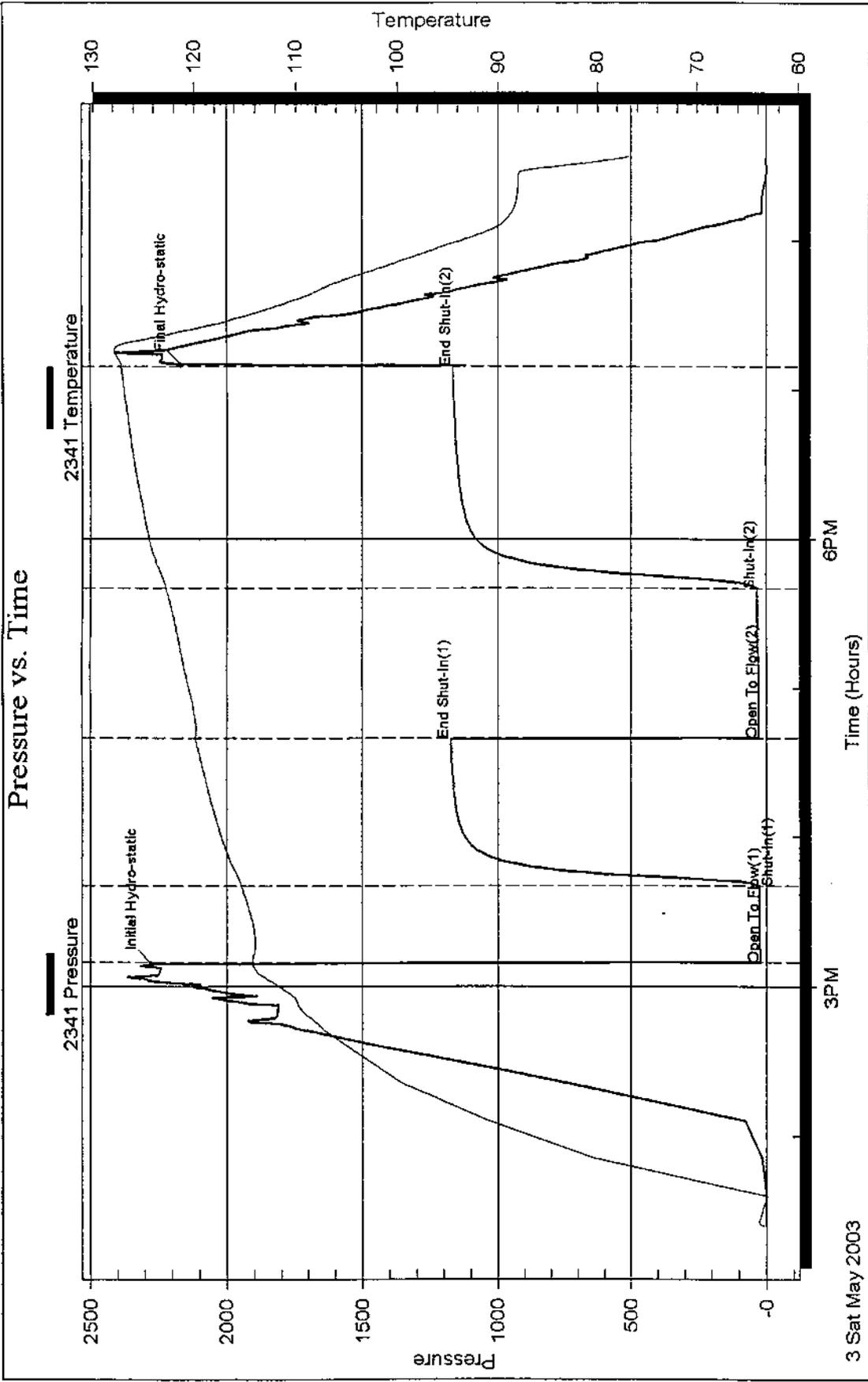
Inside

McCoy Petro Corp

6-19-30 Lane, Ks

DST Test Number: 2

### Pressure vs. Time



3 Sat May 2003

3PM

6PM

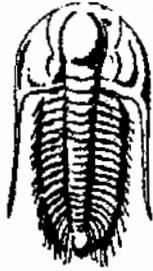
Time (Hours)

Trilobite Testing, Inc

Ref. No: 16259

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**TRILOBITE**  
**TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **McCoy Petro Corp**  
PO Box 780208  
Wichita Ks 67278

ATTN: McCoy Petro Corp

**6-19-30 Lane,Ks**

**Whiting Trust Unit A #1**

Start Date: 2003.05.03 @ 13:24:11

End Date: 2003.05.03 @ 20:33:39

Job Ticket #: 16260                      DST #: 3

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McCoy Petro Corp

Whiting Trust Unit A #1

6-19-30 Lane,Ks

DST # 3

Johnson

2003.05.03



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

McCoy Petro Corp

Whiting Trust Unit A #1

PO Box 780208  
Wichita Ks 67278

6-19-30 Lane, Ks

Job Ticket: 16260

DST#: 3

ATTN: McCoy Petro Corp

Test Start: 2003.05.03 @ 13:24:11

## GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:09:24

Time Test Ended: 20:33:39

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 25

Interval: 4530.00 ft (KB) To 4580.00 ft (KB) (TVD)

Total Depth: 4580.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2907.00 ft (KB)

2902.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 2341

Inside

Press@RunDepth: 33.36 psig @ 4531.00 ft (KB)

Start Date: 2003.05.03

End Date:

2003.05.03

Start Time: 13:24:11

End Time:

20:33:39

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btrr: 2003.05.03 @ 15:09:09

Time Off Btrr: 2003.05.03 @ 19:10:09

TEST COMMENT: 1/4" in @ open built to 1/2" in

No return

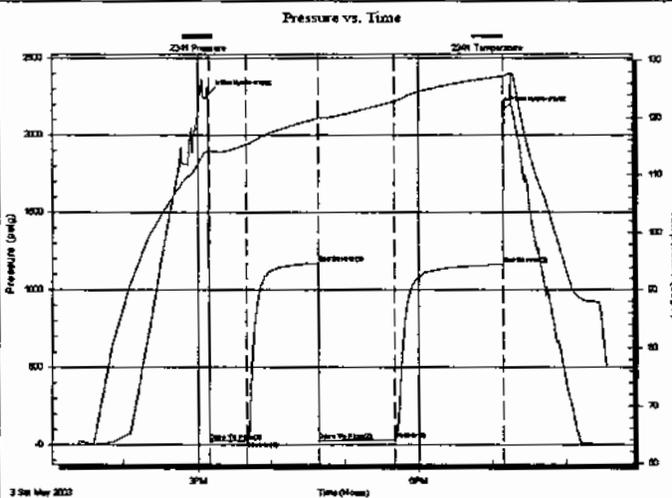
Weak surface blow

No return

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## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2274.13	114.30	Initial Hydro-static
1	21.73	114.31	Open To Flow (1)
31	26.24	115.35	Shut-in(1)
90	1173.19	119.91	End Shut-in(1)
91	26.18	119.92	Open To Flow (2)
151	33.36	122.83	Shut-in(2)
241	1165.52	127.19	End Shut-in(2)
241	2166.93	127.21	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
25.00	mud 100% m oil spots on top of tool	0.35

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

McCoy Petro Corp

Whiting Trust Unit A #1

PO Box 780208  
Wichita Ks 67278

6-19-30 Lane, Ks

Job Ticket: 16260

DST#: 3

ATTN: McCoy Petro Corp

Test Start: 2003.05.03 @ 13:24:11

**Tool Information**

Drill Pipe:	Length: 4533.00 ft	Diameter: 3.80 inches	Volume: 63.59 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
			<b>Total Volume: 63.59 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	4530.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	72.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4509.00	
S.L Tool	5.00			4514.00	
HMV	5.00			4519.00	
Safety Joint	2.00			4521.00	
Packer	5.00			4526.00	22.00 Bottom Of Top Packer
Packer	4.00			4530.00	
Stubb	1.00			4531.00	
Recorder	0.00	2341	Inside	4531.00	
Perforations	11.00			4542.00	
C.O. Sub	1.00			4543.00	
drillpipe	31.00			4574.00	
C.O. Sub	1.00			4575.00	
Recorder	0.00	11058	Outside	4575.00	
Bullnose	5.00			4580.00	50.00 Bottom Packers & Anchor

**Total Tool Length: 72.00**



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petro Corp

Whiting Trust Unit A #1

PO Box 780208  
Wichita Ks 67278

6-19-30 Lane, Ks

Job Ticket: 16260

DST#: 3

ATTN: McCoy Petro Corp

Test Start: 2003.05.03 @ 13:24:11

### 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: 3300 ppm

Viscosity: 51.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 3300.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	mud 100% m oil spots on top of tool	0.351

Total Length: 25.00 ft      Total Volume: 0.351 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

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DST Test Number: 3

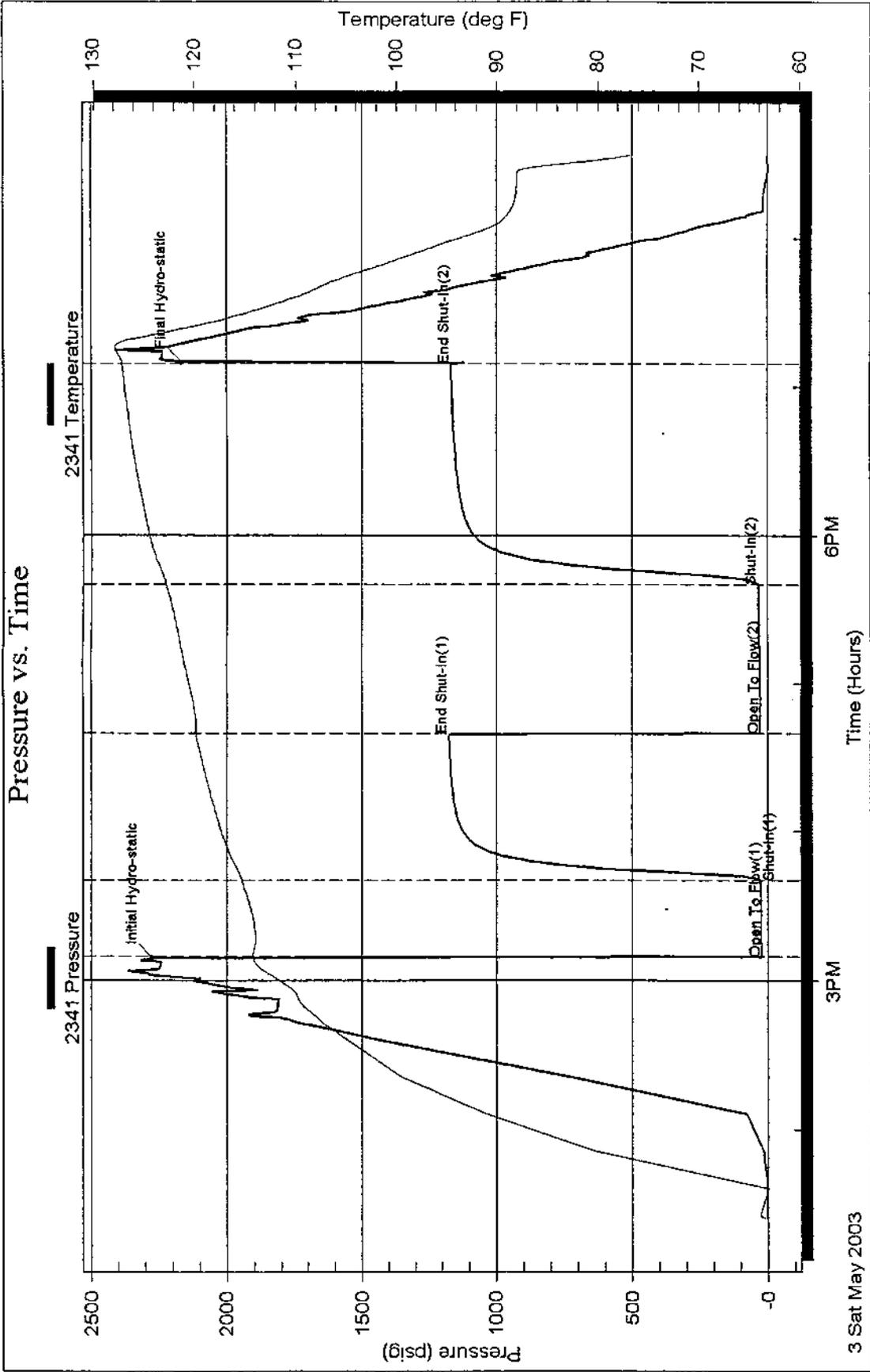
6-19-30 Lane, Ks

McCoy Petro Corp

Inside

Serial #: 2341

### Pressure vs. Time



3 Sat May 2003

3PM

6PM

Time (Hours)

Trilobite Testing, Inc

Ref. No: 16260

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