

KCC
OCT 25 2010
CONFIDENTIAL



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

8080 E. Central
Suite 300
Wichita KS 67206

ATTN: Jerry Smith

3-11-33 Logan KS

Karlin Trust "A"1-3

Start Date: 2010.07.30 @ 14:39:05

End Date: 2010.07.30 @ 22:50:29

Job Ticket #: 039170 DST #: 1

RECEIVED
OCT 29 2010
KCC WICHITA

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

McCoy Petroleum Corp.

Karlin Trust "A"1-3

3-11-33 Logan KS

DST # 1

Lansing Kansas City

2010.07.30



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp.

Karlin Trust "A"1-3

8080 E Central
Suite 300
Wichita KS 67206
ATTN: Jerry Smith

3-11-33 Logan KS
Job Ticket: 039170 DST#: 1
Test Start: 2010.07.30 @ 14:39:05

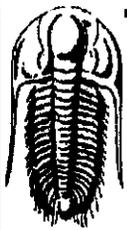
Tool Information

Drill Pipe:	Length: 3616.00 ft	Diameter: 3.80 inches	Volume: 50.72 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 540.00 ft	Diameter: 2.25 inches	Volume: 2.66 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 53.38 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4155.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	33.00 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
Shut In Tool	5.00			4137.00	
Hydraulic tool	5.00			4142.00	
Safety Joint	3.00			4145.00	
Packer	5.00			4150.00	23.00 Bottom Of Top Packer
Packer	5.00			4155.00	
Stubb	1.00			4156.00	
Recorder	0.00	6752	Inside	4156.00	
Recorder	0.00	6741	Inside	4156.00	
Perforations	29.00			4185.00	
Bullnose	3.00			4188.00	33.00 Bottom Packers & Anchor
Total Tool Length:	56.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

Karlin Trust "A"1-3

8080 E Central
Suite 300
Wichita KS 67206
ATTN: Jerry Smith

3-11-33 Logan KS
Job Ticket: 039170 **DST#: 1**
Test Start: 2010.07.30 @ 14:39:05

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	60000 ppm
Viscosity: 556.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.19 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4200.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

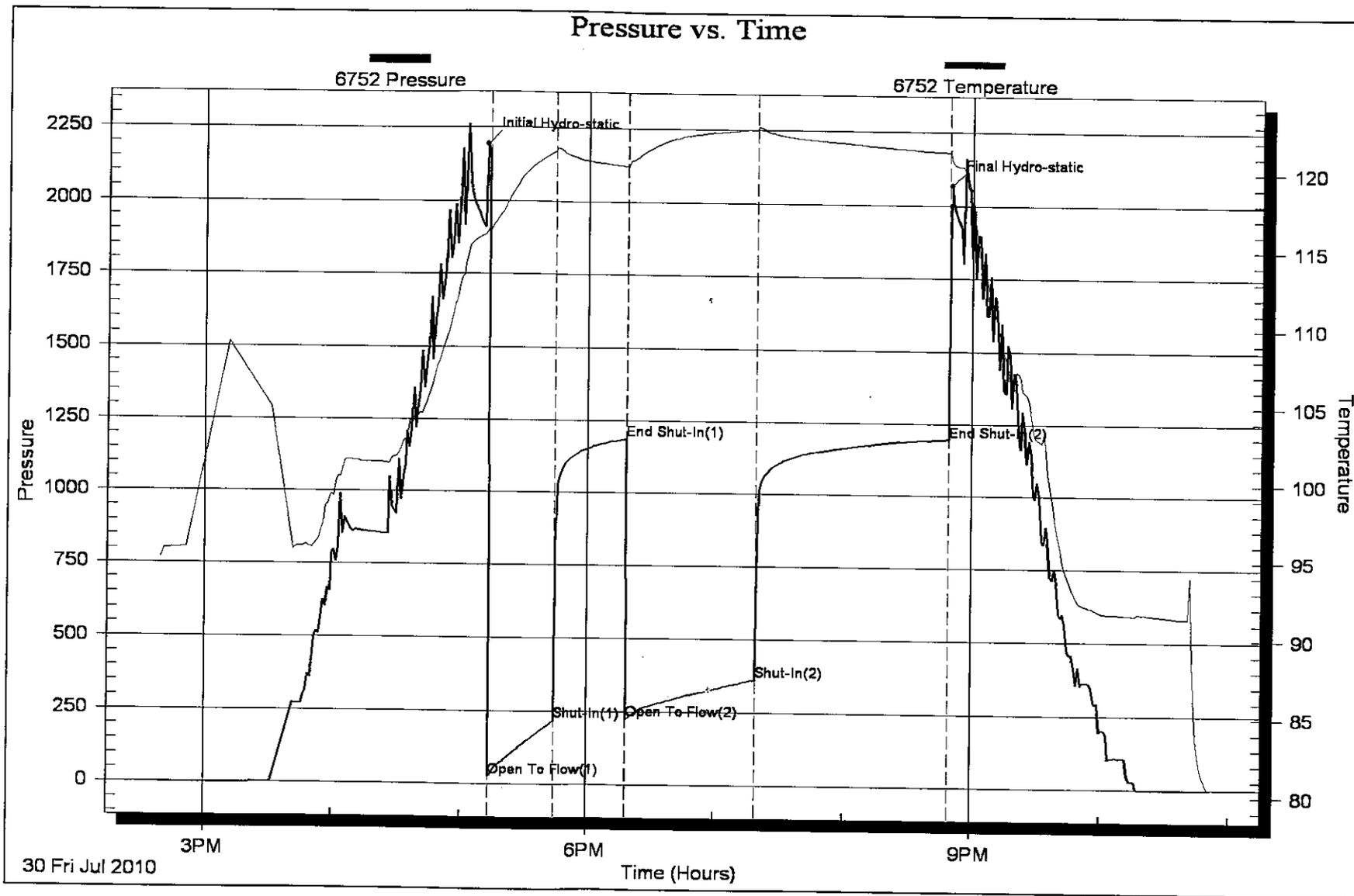
Length ft	Description	Volume bbl
540.00	mcw w/oil spots 10%m 90% w	2.656
270.00	mcw w/oil spots 30%m 70%w	3.787

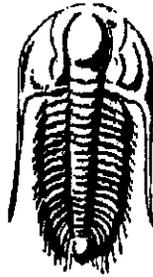
Total Length: 810.00 ft Total Volume: 6.443 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW= .132 @81.7*=60,000





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

8080 E. Central
Suite 300
Wichita KS 67206

ATTN: Jerry Smith

3-11-33 Logan KS

Karlin Trust "A"1-3

Start Date: 2010.07.31 @ 15:01:05

End Date: 2010.07.31 @ 23:15:59

Job Ticket #: 039171 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

McCoy Petroleum Corp.

Karlin Trust "A"1-3

3-11-33 Logan KS

DST # 2

H-I-J

2010.07.31



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

McCoy Petroleum Corp.

8080 E Central
Suite 300
Wichita KS 67206
ATTN: Jerry Smith

Karlin Trust "A"1-3

3-11-33 Logan KS

Job Ticket: 039171 DST#: 2

Test Start: 2010.07.31 @ 15:01:05

GENERAL INFORMATION:

Formation: H-I-J
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:09:00
Time Test Ended: 23:15:59

Test Type: Conventional Bottom Hole
Tester: Mike Roberts
Unit No: 36

Interval: 4223.00 ft (KB) To 4315.00 ft (KB) (TVD)
Total Depth: 4315.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 3148.00 ft (KB)
3138.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6752

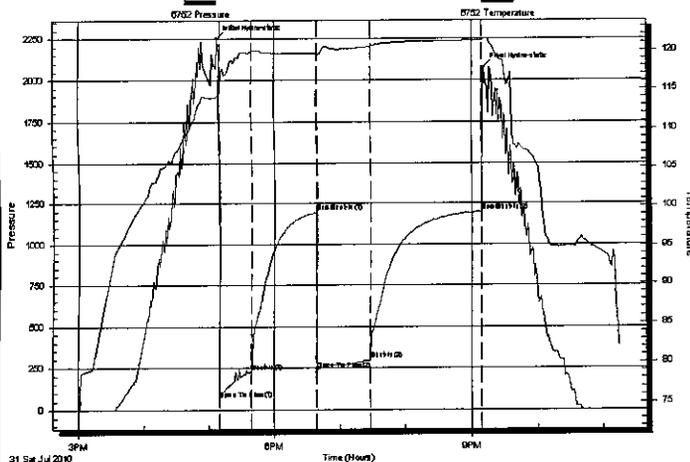
Inside

Press@RunDepth: 296.02 psig @ 4294.00 ft (KB)
Start Date: 2010.07.31 End Date: 2010.07.31
Start Time: 15:01:05 End Time: 23:15:59

Capacity: 8000.00 psig
Last Calib.: 2010.07.31
Time On Btm: 2010.07.31 @ 17:06:30
Time Off Btm: 2010.07.31 @ 21:10:29

TEST COMMENT: IF:BOB in 17 min.
IS:No return blow
FF:BOB in 20 min
FS:No return blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2252.89	114.03	Initial Hydro-static
3	67.93	114.00	Open To Flow (1)
33	231.20	119.86	Shut-In(1)
92	1198.02	119.60	End Shut-In(1)
93	242.43	119.36	Open To Flow (2)
142	296.02	120.49	Shut-In(2)
243	1201.64	121.17	End Shut-In(2)
244	2074.39	121.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
540.00	gcom 10%g 15%o 75%m	2.66
180.00	gcmo 10%g 10%m 80%o	2.52
0.00	180 feet GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp.

Karlin Trust "A"1-3

8080 E. Central
Suite 300
Wichita KS 67206
ATTN: Jerry Smith

3-11-33 Logan KS

Job Ticket: 039171 **DST#: 2**
Test Start: 2010.07.31 @ 15:01:05

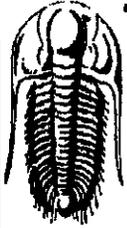
Tool Information

Drill Pipe:	Length: 3678.00 ft	Diameter: 3.80 inches	Volume: 51.59 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: 20000.00 lb
Drill Collar:	Length: 540.00 ft	Diameter: 2.25 inches	Volume: 2.66 bbl	Weight to Pull Loose: 80000.00 lb
			Total Volume: 54.25 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4223.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	92.00 ft			
Tool Length:	115.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4205.00	
Hydraulic tool	5.00			4210.00	
Safety Joint	3.00			4213.00	
Packer *	5.00			4218.00	23.00 * Bottom Of Top Packer
Packer	5.00			4223.00	
Stubb	1.00			4224.00	
Perforations	5.00			4229.00	
Change Over Sub	1.00			4230.00	
Blank Spacing	63.00			4293.00	
Change Over Sub	1.00			4294.00	
Recorder	0.00	6752	Inside	4294.00	
Recorder	0.00	6741	Inside	4294.00	
Perforations	18.00			4312.00	
Bullnose	3.00			4315.00	92.00 Bottom Packers & Anchor

Total Tool Length: 115.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

Karlin Trust "A"1-3

8080 E Central
Suite 300
Wichita KS 67206
ATTN: Jerry Smith

3-11-33 Logan KS

Job Ticket: 039171

DST#: 2

Test Start: 2010.07.31 @ 15:01:05

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.16 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
540.00	gcom 10%g 15%o 75%m	2.656
180.00	gcmø 10%g 10%m 80%0	2.525
0.00	180 feet GIP	0.000

Total Length: 720.00 ft Total Volume: 5.181 bbl

Num Fluid Samples: 0

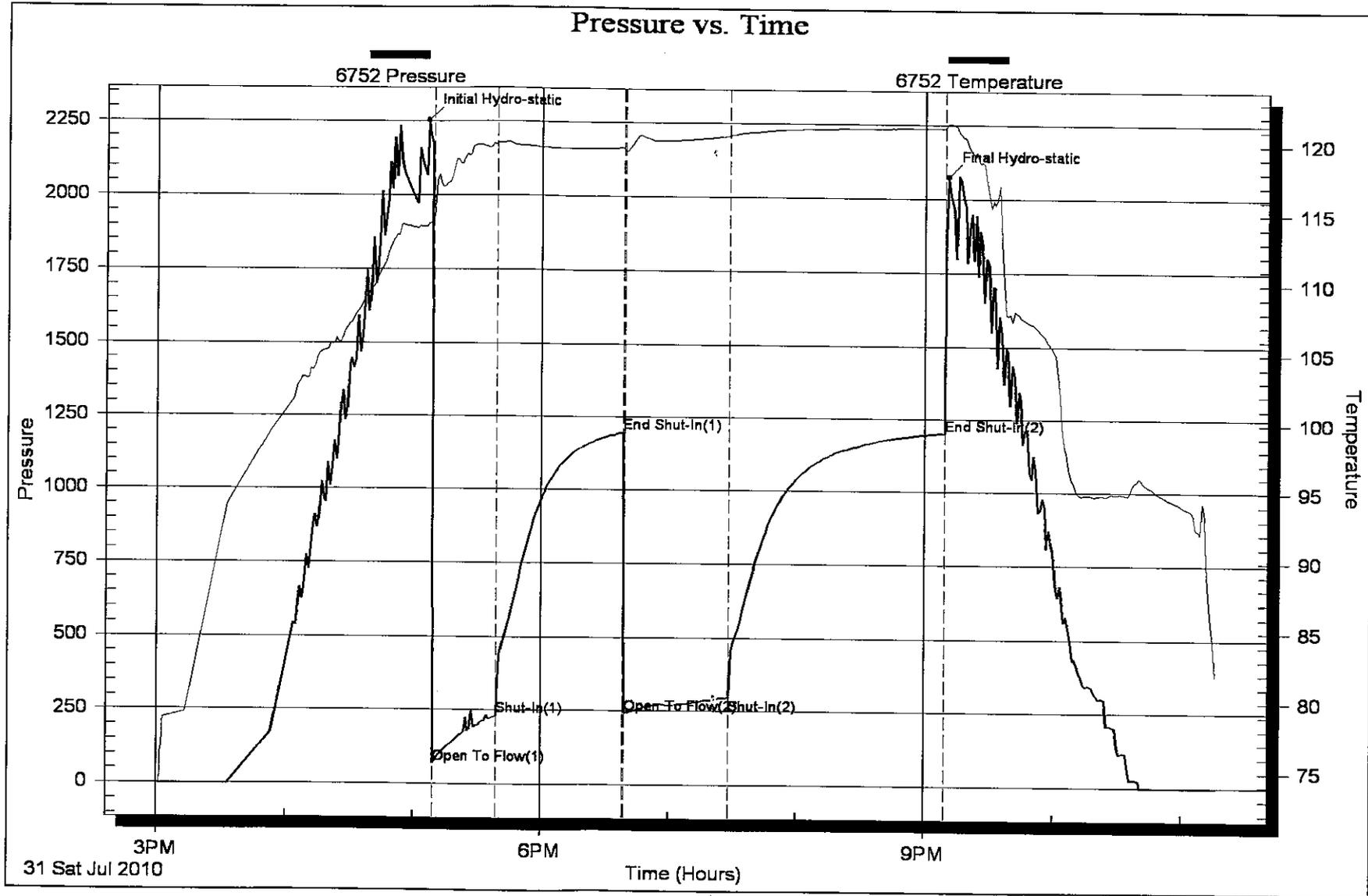
Num Gas Bombs: 0

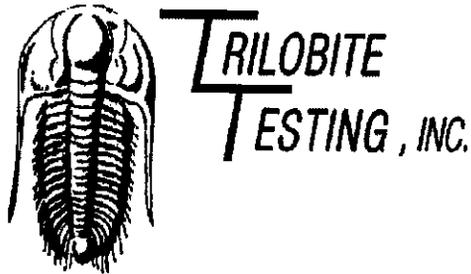
Serial#:

Laboratory Name:

Laboratory Location:

Recovery Comments: API= 39@80 corrected to 37@60





DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

8080 E. Central
Suite 300
Wichita KS 67206

ATTN: Jerry Smith

3-11-33 Logan KS

Karlin Trust "A"1-3

Start Date: 2010.08.02 @ 03:05:00

End Date: 2010.08.02 @ 11:37:00

Job Ticket #: 37969 DST #: 3

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

McCoy Petroleum Corp.

Karlin Trust "A"1-3

3-11-33 Logan KS

DST # 3

Johnson

2010.08.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

McCoy Petroleum Corp.

8080 E. Central
Suite 300
Wichita KS 67206
ATTN: Jerry Smith

Karlin Trust "A"1-3

3-11-33 Logan KS

Job Ticket: 37969

DST#: 3

Test Start: 2010.08.02 @ 03:05:00

GENERAL INFORMATION:

Formation: **Johnson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:09:00
Time Test Ended: 11:37:00

Test Type: Conventional Bottom Hole
Tester: Chuck Kreuzter
Unit No: 36

Interval: **4592.00 ft (KB) To 4663.00 ft (KB) (TVD)**
Total Depth: 4663.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3148.00 ft (KB)
3138.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6741

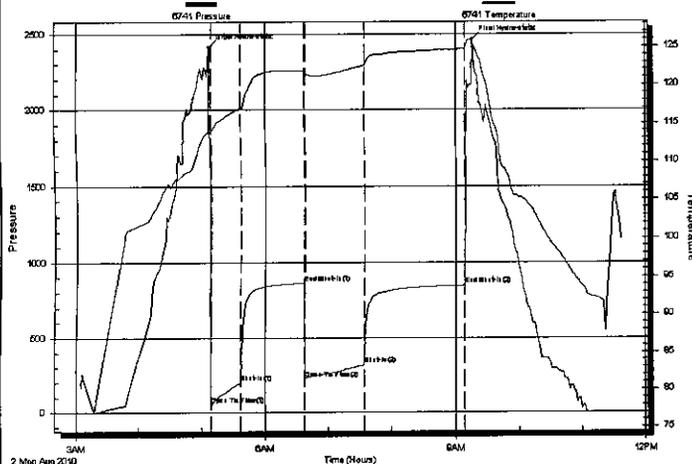
Inside

Press@RunDepth: 318.98 psig @ 4596.00 ft (KB)
Start Date: 2010.08.02 End Date: 2010.08.02
Start Time: 03:05:01 End Time: 11:37:00

Capacity: 8000.00 psig
Last Calib.: 2010.08.02
Time On Btm: 2010.08.02 @ 05:07:00
Time Off Btm: 2010.08.02 @ 09:16:00

TEST COMMENT: IF: Strong blow, built to B.O.B in 8 mins.
IS: Bled off, blow back after 2 mins. built to 3 in. over 60 mins.
FF: Strong blow, Built to B.O.B in 5 mins.
FS: Bled off, blow back after 2 mins. built

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2415.13	114.00	Initial Hydro-static
2	52.96	113.83	Open To Flow (1)
30	200.13	117.05	Shut-In(1)
90	864.69	121.82	End Shut-In(1)
91	222.91	121.54	Open To Flow (2)
147	318.98	122.52	Shut-In(2)
242	848.96	124.73	End Shut-In(2)
249	2464.32	125.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	go 20%g 80%o	0.30
93.00	gmco 10%g 20%m 70%o	0.46
540.00	go 10%g 90%o	4.07
0.00	805' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp.

Karlin Trust "A"1-3

8080 E. Central
Suite 300
Wichita KS 67206
ATTN: Jerry Smith

3-11-33 Logan KS

Job Ticket: 37969

DST#: 3

Test Start: 2010.08.02 @ 03:05:00

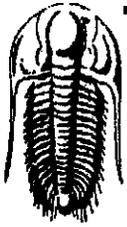
Tool Information

Drill Pipe:	Length: 4059.00 ft	Diameter: 3.80 inches	Volume: 56.94 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: 540.00 ft	Diameter: 2.25 inches	Volume: 2.66 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 59.60 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4592.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	71.00 ft			
Tool Length:	94.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4574.00	
Hydraulic tool	5.00			4579.00	
Safety Joint	3.00			4582.00	
Packer	5.00			4587.00	23.00 Bottom Of Top Packer
Packer	5.00			4592.00	
Stubb	1.00			4593.00	
Perforations	2.00			4595.00	
Bullnose	1.00			4596.00	
Recorder	0.00	6752	Inside	4596.00	
Recorder	0.00	6741	Inside	4596.00	
Blank Spacing	63.00			4659.00	
Change Over Sub	1.00			4660.00	
Bullnose	3.00			4663.00	71.00 Bottom Packers & Anchor

Total Tool Length: 94.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

Karliin Trust "A"1-3

8080 E Central
Suite 300
Wichita KS 67206
ATTN: Jerry Smith

3-11-33 Logan KS
Job Ticket: 37969 **DST#: 3**
Test Start: 2010.08.02 @ 03:05:00

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: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.99 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 8300.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	go 20%g 80%o	0.305
93.00	gmco 10%g 20%m 70%o	0.457
540.00	go 10%g 90%o	4.068
0.00	805' GIP	0.000

Total Length: 695.00 ft Total Volume: 4.830 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

