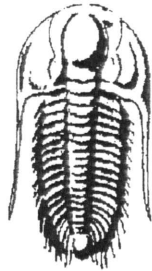


11-26-19w

15-047-21512



TRILOBITE
TESTING, INC.

McCoy Petroleum Corp.

Titus "A" #1-11

11-26s-19w

DST # 1

Miss.

2005.09.07

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

8080 E. Central
Ste. 300
Wichita, KS 67206

ATTN: Bob O'Dell

11-26s-19w

Titus "A" #1-11

Start Date: 2005.09.07 @ 09:43:42

End Date: 2005.09.07 @ 17:49:12

Job Ticket #: 21495 DST #: 1

15-047-21512
2510 FSL 1600 FWL
NW NE SW

RECEIVED
KANSAS CORPORATION COMMISSION

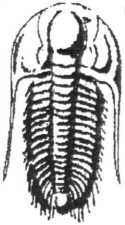
DEC 05 2007

CONSERVATION DIVISION
WICHITA, KS

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 Petroleum Corp.

8080 E. Central
Ste. 300
Wichita, KS 67206
ATTN: Bob O'Dell

Titus "A" #1-11

11-26s-19w

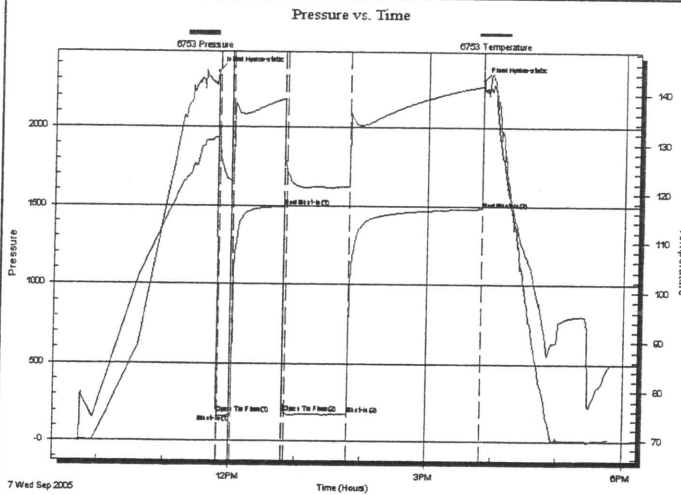
Job Ticket: 21495 DST#: 1
Test Start: 2005.09.07 @ 09:43:42

GENERAL INFORMATION:

Formation: **Miss.**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 11:48:42
Time Test Ended: 17:49:12
Test Type: Conventional Bottom Hole
Tester: Davv Cline
Unit No: 24
Interval: **4714.00 ft (KB) To 4730.00 ft (KB) (TVD)**
Reference Elevations: 2230.00 ft (KB)
Total Depth: 4730.00 ft (KB) (TVD) 2225.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 6753 **Inside**
Press@RunDepth: 176.55 psig @ 4715.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2005.09.07 End Date: 2005.09.07 Last Calib.: 2005.09.07
Start Time: 09:43:43 End Time: 17:49:12 Time On Btm: 2005.09.07 @ 11:46:57
Time Off Btm: 2005.09.07 @ 15:49:42

TEST COMMENT: IF: Strong blow . BOB 10 sec. GTS 2 min 30 sec. Gauged 907 Mcf/d @ 15 min. See gas flow sheet.
ISI. Bled off. No blow back.
FF: Strong blow . BOB Immediately. Gauged 930 Mcf/d @ 60 min. See gas flow



PRESSURE SUMMARY

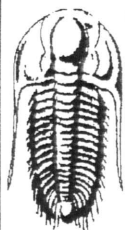
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2350.02	131.27	Initial Hydro-static
2	178.12	129.83	Open To Flow (1)
15	175.15	122.09	Shut-In(1)
61	1493.12	139.08	End Shut-In(1)
63	186.09	125.01	Open To Flow (2)
121	176.55	121.39	Shut-In(2)
243	1484.01	141.70	End Shut-In(2)
243	2297.71	144.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
55.00	G & WCM 1%g 54%w 45%m	0.56
0.00	Gas in all fluid free pipe.	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp.

Titus "A" #1-11

8080 E. Central
Ste. 300
Wichita, KS 67206
ATTN: Bob O'Dell

11-26s-19w

Job Ticket: 21495 DST#: 1
Test Start: 2005.09.07 @ 09:43:42

Tool Information

Drill Pipe:	Length: 4718.00 ft	Diameter: 3.25 inches	Volume: 48.41 bbl	Tool Weight:	2400.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	72000.00 lb
			<u>Total Volume: 48.41 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial	68000.00 lb
Depth to Top Packer:	4714.00 ft			Final	68000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	16.00 ft				
Tool Length:	44.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4687.00	
Shut In Tool	5.00			4692.00	
Hydraulic tool	5.00			4697.00	
Jars	5.00			4702.00	
Safety Joint	2.00			4704.00	
Packer	5.00			4709.00	28.00 Bottom Of Top Packer
Packer	5.00			4714.00	
Stubb	1.00			4715.00	
Recorder	0.00	6753	Inside	4715.00	
Perforations	12.00			4727.00	
Recorder	0.00	10330	Outside	4727.00	
Bullnose	3.00			4730.00	16.00 Bottom Packers & Anchor
Total Tool Length:	44.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

Titus "A" #1-11

8080 E. Central
Ste. 300
Wichita, KS 67206
ATTN: Bob O'Dell

11-26s-19w

Job Ticket: 21495

DST#: 1

Test Start: 2005.09.07 @ 09:43:42

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 8.79 in³

Resistivity: ohm.m

Salinity: 3800.00 ppm

Filter Cake: 0.10 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: 32000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
55.00	G & WCM 1%g 54%w 45%m	0.564
0.00	Gas in all fluid free pipe.	0.000

Total Length: 55.00 ft Total Volume: 0.564 bbl

Num Fluid Samples: 1

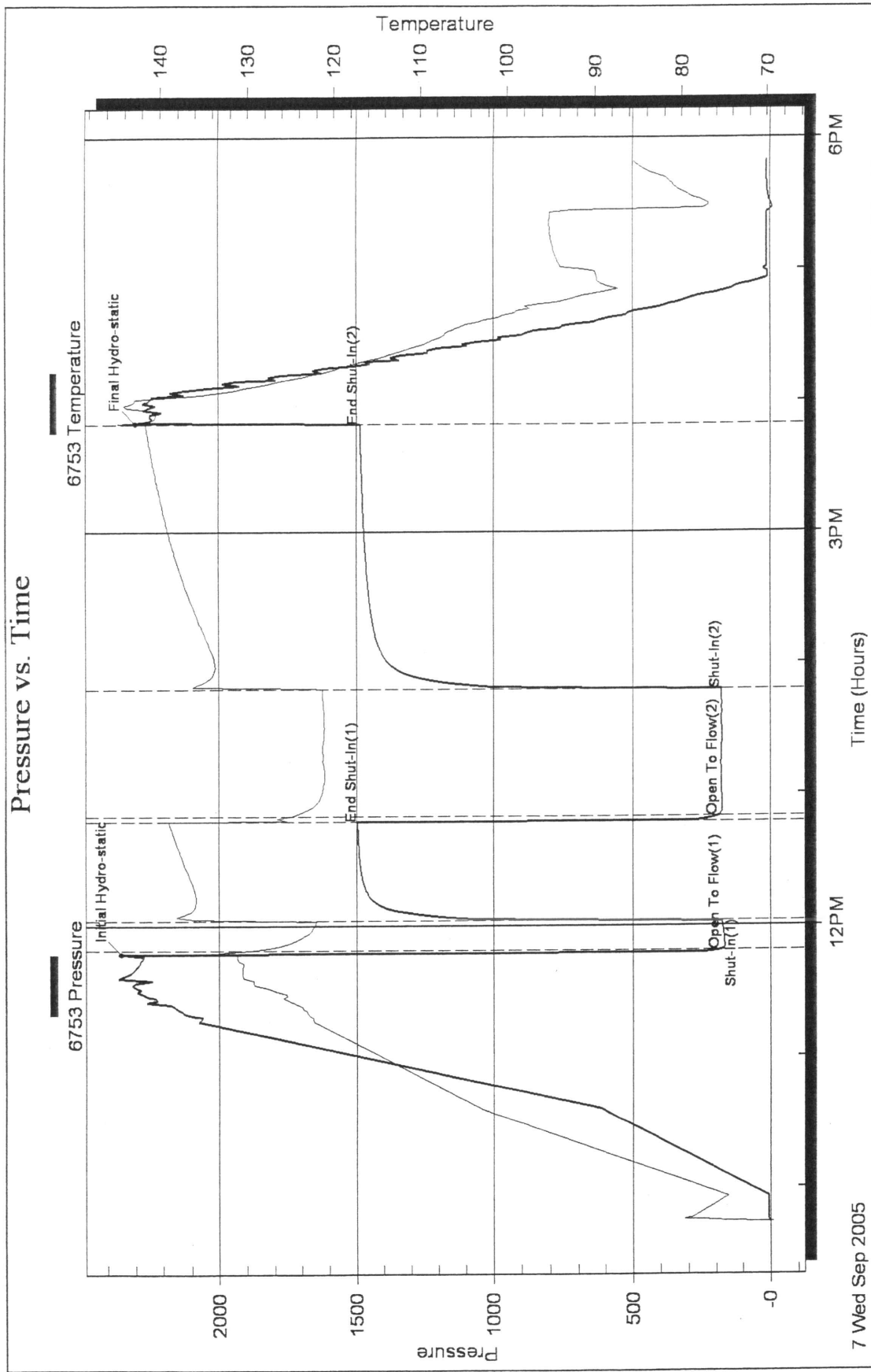
Num Gas Bombs: 1

Serial #: DC

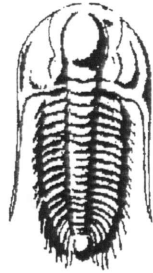
Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments: Water Recovery- .17 ohms @ 88 deg.



7 Wed Sep 2005



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

8080 E. Central
Ste. 300
Wichita, KS 67206

ATTN: Bob O'Dell

11-26s-19w

Titus "A" #1-11

Start Date: 2005.09.08 @ 00:54:07

End Date: 2005.09.08 @ 10:42:07

Job Ticket #: 21496 DST #: 2

McCoy Petroleum Corp.

Titus "A" #1-11

11-26s-19w

DST # 2

Miss

2005.09.08

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 Petroleum Corp.

8080 E. Central
Ste. 300
Wichita, KS 67206
ATTN: Bob O'Dell

Titus "A" #1-11

11-26s-19w

Job Ticket: 21496

DST#: 2

Test Start: 2005.09.08 @ 00:54:07

GENERAL INFORMATION:

Formation: **Miss**

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

Time Tool Opened: 03:50:07

Time Test Ended: 10:42:07

Test Type: **Conventional Bottom Hole**

Tester: **Davv Cline**

Unit No: **24**

Interval: **4730.00 ft (KB) To 4740.00 ft (KB) (TVD)**

Total Depth: **4740.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2230.00 ft (KB)**

2225.00 ft (CF)

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

Serial #: 6753

Inside

Press@RunDepth: **233.91 psig @ 4731.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2005.09.08**

End Date: **2005.09.08**

Last Calib.: **2005.09.08**

Start Time: **00:54:08**

End Time: **10:42:07**

Time On Btm: **2005.09.08 @ 03:47:07**

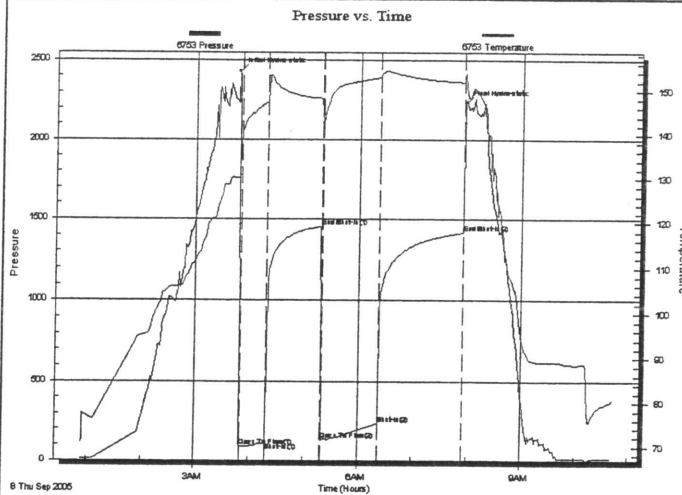
Time Off Btm: **2005.09.08 @ 07:55:52**

TEST COMMENT: IF: Strong blow . BOB 12 sec. GTS 4 min. 45 sec. Gauged 127 Mcf @ 30 min.

IS: Bled off. Had a weak surface blow .

FF: Strong blow . BOB Immediately. Gauged 93 Mcf @ 60 min. See gas flow sheet.

FSI:



PRESSURE SUMMARY

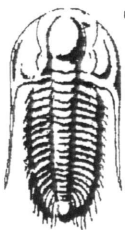
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2427.86	130.28	Initial Hydro-static
3	91.71	139.18	Open To Flow (1)
32	111.20	147.55	Shut-In(1)
92	1452.05	148.32	End Shut-In(1)
93	133.73	142.62	Open To Flow (2)
155	233.91	152.99	Shut-In(2)
248	1416.19	151.98	End Shut-In(2)
249	2229.07	153.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
138.00	G & SI OCVM 40%g 10%o 20%w 30%r	1.42
62.00	G & SI OCVM 65%g 10%o 20%w 5%r	0.64
320.00	Salt Water 100%w	3.28
0.00	Gas in all fluid free pipe.	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp.

Titus "A" #1-11

8080 E. Central
Ste. 300
Wichita, KS 67206
ATTN: Bob O'Dell

11-26s-19w

Job Ticket: 21496

DST#: 2

Test Start: 2005.09.08 @ 00:54:07

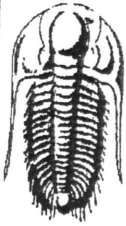
Tool Information

Drill Pipe:	Length: 4718.00 ft	Diameter: 3.25 inches	Volume: 48.41 bbl	Tool Weight: 2400.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			Total Volume: 48.41 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4730.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	38.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4703.00	
Shut In Tool	5.00			4708.00	
Hydraulic tool	5.00			4713.00	
Jars	5.00			4718.00	
Safety Joint	2.00			4720.00	
Packer	5.00			4725.00	28.00 Bottom Of Top Packer
Packer	5.00			4730.00	
Stubb	1.00			4731.00	
Recorder	0.00	6753	Inside	4731.00	
Perforations	6.00			4737.00	
Recorder	0.00	10330	Outside	4737.00	
Bullnose	3.00			4740.00	10.00 Bottom Packers & Anchor

Total Tool Length: 38.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

Titus "A" #1-11

8080 E. Central
Ste. 300
Wichita, KS 67206
ATTN: Bob O'Dell

11-26s-19w

Job Ticket: 21496

DST#: 2

Test Start: 2005.09.08 @ 00:54:07

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:

68000 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6100.00 ppm

Filter Cake: 0.10 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
138.00	G & SI OCMW 40%g 10%o 20%w 30%m	1.416
62.00	G & SI OCMW 65%g 10%o 20%w 5%m	0.636
320.00	Salt Water 100%w	3.283
0.00	Gas in all fluid free pipe.	0.000

Total Length: 520.00 ft Total Volume: 5.335 bbl

Num Fluid Samples: 1

Num Gas Bombs: 0

Serial #: DC

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments: Water Recovery- .10 ohms @ 75 deg.

