

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
June 2009  
Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

12/8/12

OPERATOR: License # 5003  
Name: McCoy Petroleum Corporation  
Address 1: 8080 E. Central Ave  
Address 2: Suite #300  
City: Wichita State: KS Zip: 67206 + 2366  
Contact Person: Scott Hampel  
Phone: 316-636-2737

CONTRACTOR: License # 30606  
Name: Murfin Drilling Company  
Wellsite Geologist: Paul Gunzelman  
Purchaser: None: D&A

Designate Type of Completion:  
 New Well  Re-Entry:  Workover  
 Oil  WSW  SWD  SLOW  
 Gas  D&A  ENHR  SIGW  
 OG  GSW  Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic  Other (Core, Expl. etc.):

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to ENHR  Conv. to SWD  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled Permit #: \_\_\_\_\_  
 Dual Completion Permit #: \_\_\_\_\_  
 SWD Permit #: \_\_\_\_\_  
 ENHR Permit #: \_\_\_\_\_  
 GSW Permit #: \_\_\_\_\_  
10/3/2010 10/10/2010 10/11/2010  
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15-039-21119-0000  
Spot Description: 120'N & 20'E of  
C NE SW Sec 32 Twp 5 S. R. 30  East  West  
2100 Feet from  North /  South Line of Section  
2000 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Decatur  
Lease Name: BASTIN TRUST "A" Well #: 1-32  
Field Name: Wildcat

Producing Formation: None  
Elevation: Ground: 2898' Kelly Bushing: 2903'  
Total Depth: 4450' Plug Back Total Depth: None  
Amount of Surface Pipe Set and Cemented at: 220' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: \_\_\_\_\_  
feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: 1,900 ppm. Fluid Volume: 1,000 bbls  
Dewatering method used: Evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Scott Hampel  
Title: Vice President - Production Date: 12/8/2010

**KCC Office Use ONLY**  
 Letter of Confidentiality Received **RECEIVED**  
Date: 12/8/10 - 12/8/12 **DEC 27 2010**  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received **KCC WICHITA**  
 UIC Distribution  
ALT  I  II  III Approved by: *NJ* Date: 1/9/11

Operator Name: McCoy Petroleum Corporation Lease Name: BASTIN TRUST "A" Well #: 1-32  
 Sec. 32 Twp 5 S. R. 30  East  West County: Decatur

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: <b>LOG TECH: Dual Induction, Dual Compensated Porosity. Geological Report.</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum See Attached Sheet
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	23#	220'	Common	175	2%Gel, 3%CC

ADDITIONAL CEMENTING / SQUEEZE RECORD					
Purpose: ____ Perforate ____ Protect Casing ____ Plug Back TD ____ Plug Off Zone	Depth Top Bottom		Type of Cement	# Sacks Used	Type and Percent Additives

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

**TUBING RECORD:** Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed, SWD or ENHR: \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls	Gas Mcf	Water Bbls	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> None: D&A _____ _____
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KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ACO-1 Supplemental Information

*McCoy Petroleum Corporation  
Bastin Trust 'A' #1-32  
120'N & 20'E of C NE SW, Section 32-5S-30W  
2100' FSL & 2000' FWL  
Decatur County, Kansas  
API# 15-039-21119*

KCC  
DEC 08 2010  
CONFIDENTIAL

10-03-10 Spud at 4:30 PM. Drilled 12 1/4" surface hole to 260'. Deviation 1/2° at 260'. Ran 6 joints of new 8 5/8" 23# surface casing. Tally = 252.83'. Set at 220' KB. Allied cemented with 175 sacks of common with 2% gel and 3% CC. Plug down @ 8:45 PM. Cement did circulate.

**DST #1, 3958-3982' (LKC 'C')**

**Open: 30", SI: 60", Open: 60", SI: 90"**

**1<sup>st</sup> Open: Weak blow, built to 1/4", died at 28". No blow back.**

**2<sup>nd</sup> Open: No blow. No blow back.**

**Rec: 15' Water-Cut Mud (11% water, 89% mud), with show of oil and oil spots on tool**

**IFP: 15-19# FFP: 21-29#**

**SIP: 1292-1266#**

**DST #2, 4000-4050' (LKC 'E-F-G')**

**Open: 30", SI: 60", Open: 60", SI: 90"**

**1<sup>st</sup> Open: Fair blow built to bottom of bucket/25". No blow back.**

**2<sup>nd</sup> Open: Built to bottom of bucket/26.5". No blow back.**

**Rec: 324' Watery Mud (44% water, 56% mud)**

**176' Muddy-y Water (81% water, 19% mud)**

**IFP: 18-31 # FFP: 132-244#**

**SIP: 1322-1312#**

**DST #3, 4050-4150' (LKC 'H-J-K')**

**Open: 30", SI: 60", Open: 60", SI: 90"**

**1<sup>st</sup> Open: Weak blow built to 1.25". No blow back.**

**2<sup>nd</sup> Open: No blow for 18", built to .75". No blow back.**

**Rec: 75' Mud with a few oils spots on tool.**

**IFP: 18-30 # FFP: 35-54#**

**SIP: 1284-1244#**

RECEIVED  
DEC 27 2010  
KCC WICHITA

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ACO-1 Supplemental Information

*McCoy Petroleum Corporation*

*Bastin Trust 'A' #1-32*

*120'N & 20'E of C NE SW, Section 32-5S-30W*

*2100' FSL & 2000' FWL*

*Decatur County, Kansas*

*API# 15-039-21119*

10-10-10 TD 4385'. Drilling ahead. Drilled to a TD of 4450'. LogTech ran Dual Induction and Neutron-Density logs. Hit bridge and were unable to run Microlog. Logging complete at 5:45 P.M. Allied **plugged hole** with 220 sx 60/40 poznix with 4% gel and 1/4#/sk floreal as follows: heavy mud in hole to bottom plug, 25 sx @ 2630', 100 sx @ 1800', 40 sx @ 300', 10 sx @ 0-40', 30 sx in rathole and 15 sx in mousehole. Plugging completed at 2:00 AM on 10/11/10. Orders from Case Morris, KCC.

***SAMPLE TOPS***

KB: 2903	Depth	Datum
Anhydrite	2610	293
Base Anhydrite	2650	253
Topeka	3729	-826
Heebner	3898	-995
Lansing	3942	-1039
Stark	4116	-1213
BKC	4171	-1268
Pawnee	4268	-1365
Ft. Scott	4312	-1409
Cherokee	4342	-1439
RTD	4450	-1547

***ELECTRIC LOG TOPS***

KB: 2903	Depth	Datum
Anhydrite	2610	293
Base Anhydrite	2644	257
Topeka	3726	-823
Heebner	3898	-995
Lansing	3946	-1044
Stark	4118	-1215
BKC	4171	-1268
Pawnee	4278	-1375
Ft. Scott	4312	-1409
Cherokee	4344	-1441
LTD	4453	-1550

# ALLIED CEMENTING CO., LLC. 035481

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: Dakota

DATE <u>10/10/10</u>	SEC <u>32</u>	TWP <u>5</u>	RANGE <u>30</u>	CALLED OUT	ON LOCATION	JOB START <u>1:00a</u>	JOB FINISH <u>2:00a</u>
LEASE <u>Barrin A</u>	WELL # <u>1-32</u>	LOCATION <u>Reeford N TO T</u>			COUNTY <u>Deer</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR McFin B

TYPE OF JOB PTA

HOLE SIZE 7 1/8 T.D.

CASING SIZE 8 1/8 DEPTH

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER Same

CEMENT AMOUNT ORDERED 22 0 SK 60/40 400 gal 14 1/2 PLO Seal

**EQUIPMENT**

PUMP TRUCK CEMENTER Alan

# 421 HELPER Kelly

BULK TRUCK DRIVER Brandon

# 396

BULK TRUCK DRIVER

COMMON <u>132</u>	@ <u>15.45</u>	<u>2039.40</u>
POZMIX <u>88</u>	@ <u>8.00</u>	<u>704.00</u>
GEL <u>8 SK</u>	@ <u>20.00</u>	<u>166.40</u>
CHLORIDE	@	
ASC	@	
<u>PLO Seal 55 16</u>	@ <u>2.50</u>	<u>137.50</u>
HANDLING <u>232 SKS</u>	@ <u>2.40</u>	<u>556.80</u>
MILEAGE <u>104.82/mile</u>		<u>957.00</u>
TOTAL		<u>4855.30</u>

**REMARKS:**

25 SK @ 26.30

100 SK @ 18.00

40 SK @ 3.00

10 SK @ 4.00

Rat Hole 30 SK

Manual Hole 15 SK

**SERVICE**

DEPTH OF JOB

PUMP TRUCK CHARGE 1185.00

EXTRA FOOTAGE @

MILEAGE 41 @ 7.00 287.00

MANIFOLD @

TOTAL 1472.00

CHARGE TO: Mc Coy Petroleum

STREET

CITY STATE ZIP

**PLUG & FLOAT EQUIPMENT**

wood plug 878 @ 40.00

TOTAL 40.00

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Looney Fair

SIGNATURE Looney Fair

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

# ALLIED CEMENTING CO., LLC. 035476

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: Oakley, KS

DATE <u>10/3/10</u>	SEC. <u>32</u>	TWP. <u>5</u>	RANGE <u>30</u>	CALLED OUT	ON LOCATION	JOB START <u>8:30</u>	JOB FINISH <u>9:00</u>
LEASE <u>Quester Truss</u>	WELL # <u>1-32</u>	LOCATION <u>Rein. Foot W/T 1E 1/2N</u>			COUNTY <u>Decatur</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>Old</u>				KCC			

DEC 08 2010  
CONFIDENTIAL

CONTRACTOR Mar Fin OWNER Same

TYPE OF JOB Sur Face

HOLE SIZE 12 1/4 T.D. 260

CASING SIZE 8 5/8 DEPTH 260

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15

PERFS.

DISPLACEMENT 15.6065

CEMENT AMOUNT ORDERED 175 com 392 cc

270 gal

COMMON	<u>175</u>	@	<u>15.45</u>	<u>2703.25</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>20.00</u>	<u>60.00</u>
CHLORIDE	<u>6</u>	@	<u>58.00</u>	<u>348.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>184</u>	@	<u>2.42</u>	<u>441.68</u>
MILEAGE	<u>109.52/mi</u>			<u>254.40</u>
				TOTAL <u>4311.35</u>

**EQUIPMENT**

PUMP TRUCK	CEMENTER	<u>Alan</u>
# <u>422</u>	HELPER	<u>Wynn</u>
BULK TRUCK		
# <u>390</u>	DRIVER	<u>Brandon</u>
BULK TRUCK		
#	DRIVER	

**REMARKS:**

On 8 3/8 casing circulate 175 SK com 392 cc 270 gal 15 1/2 displ 40 15 1/2 68L H<sub>2</sub>O

Cement Did circulate

1 bucket for Alan, Wynn, Steep

CHARGE TO: McCoy Petrochem Corp

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**SERVICE**

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>1018.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>41</u>	@ <u>5.00</u> <u>205.00</u>
MANIFOLD	@	
	@	
	@	
TOTAL <u>1305.00</u>		

**PLUG & FLOAT EQUIPMENT**

	@	
	@	
	@	
	@	
	@	
TOTAL _____		

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment and furnish cement and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Rodney Farr

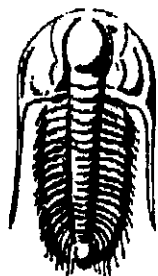
SIGNATURE Rodney Farr

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

RECEIVED  
DEC 27 2010  
KCC WICHITA



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **McCoy Petroleum Corporation**

8080 W Central Ave STE 300  
Wichita, KS 67206

ATTN: Paul Gunzelman

**32-5s-30w Decatur KS**

**Bastin Trust 'A' #1-32**

Start Date: 2010.10.07 @ 16:10:00

End Date: 2010.10.08 @ 00:37:20

Job Ticket #: 38445                      DST #: 1

**KCC  
DEC 08 2010  
CONFIDENTIAL**

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

**RECEIVED  
DEC 27 2010**

Printed: 2010.10.20 @ 21:11:00 Page 1  
**KCO WICHITA**

McCoy Petroleum Corporation

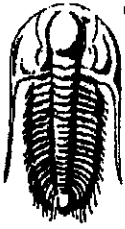
Bastin Trust 'A' #1-32

32-5s-30w Decatur KS

DST # 1

LKC "pollnow"

2010.10.07



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

McCoy Petroleum Corporation

**Bastin Trust 'A' #1-32**

8080 W Central Ave STE 300  
Wichita, KS 67206

**32-5s-30w Decatur KS**

Job Ticket: 38445

DST#: 1

ATTN: Paul Gunzelman

Test Start: 2010.10.07 @ 16:10:00

## GENERAL INFORMATION:

Formation: **LKC "Pollnow"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:46:30

Time Test Ended: 00:37:20

Test Type: Conventional Bottom Hole

Tester: James Winder

Unit No: 37

Interval: **3958.00 ft (KB) To 3982.00 ft (KB) (TVD)**

Total Depth: **3982.00 ft (KB) (TVD)**

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

Reference Elevations: **2903.00 ft (KB)**

**2898.00 ft (CF)**

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

**Serial #: 8357**

**Inside**

Press@RunDepth: **28.52 psig @ 3959.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.10.07**

End Date:

**2010.10.08**

Last Calib.: **2010.10.08**

Start Time: **16:10:05**

End Time:

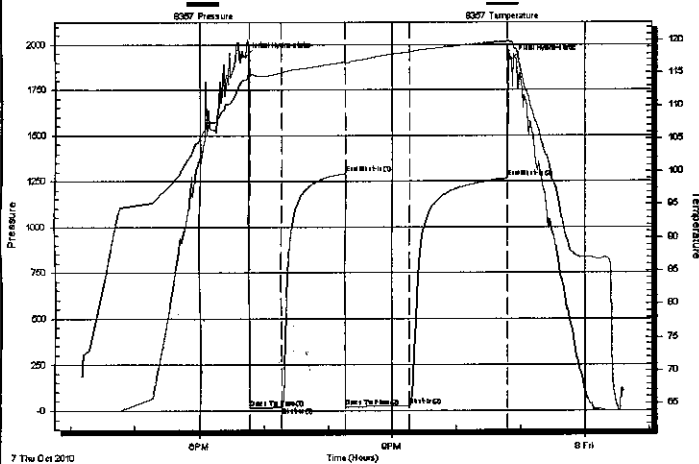
**00:37:20**

Time On Btm: **2010.10.07 @ 18:43:20**

Time Off Btm: **2010.10.07 @ 22:51:50**

**TEST COMMENT:** IF: Blow built to 1/4", dead @ 28 min.  
IS: No blow back  
FF: No blow  
FS: No blow back

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1933.59	113.80	Initial Hydro-static
4	14.64	114.23	Open To Flow (1)
34	18.89	114.96	Shut-In(1)
93	1292.42	116.63	End Shut-In(1)
93	20.93	116.21	Open To Flow (2)
154	28.52	118.21	Shut-In(2)
245	1266.48	119.79	End Shut-In(2)
249	1920.05	119.67	Final Hydro-static

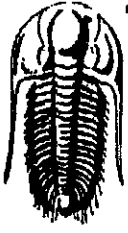
## Recovery

Length (ft)	Description	Volume (bbl)
15.00	WCM w/ trace oil 89% m, 11% w	0.07
0.00	Oil Spots in tool	0.00

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

McCoy Petroleum Corporation  
8080 W Central Ave STE 300  
Wichita, KS 67206  
  
ATTN: Paul Gunzelman

**Bastin Trust 'A' #1-32**  
**32-5s-30w Decatur KS**  
Job Ticket: 38445      DST#: 1  
Test Start: 2010.10.07 @ 16:10:00

**Tool Information**

Drill Pipe:	Length: 3786.00 ft	Diameter: 3.80 inches	Volume: 53.11 bbl	Tool Weight: 2500.00 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: 148.00 ft	Diameter: 2.25 inches	Volume: 0.73 bbl	Weight to Pull Loose: 47000.00 lb
		Total Volume: 53.84 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3958.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	52.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

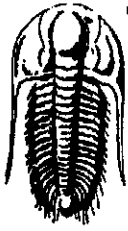
Tool Comments:

**Tool Description**

**Length (ft)    Serial No.    Position    Depth (ft)    Accum. Lengths**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3931.00	
Shut In Tool	5.00			3936.00	
Hydraulic tool	5.00			3941.00	
Jars	5.00			3946.00	
Safety Joint	3.00			3949.00	
Packer	5.00			3954.00	28.00      Bottom Of Top Packer
Packer	4.00			3958.00	
Stubb	1.00			3959.00	
Recorder	0.00	8357	Inside	3959.00	
Recorder	0.00	6751	Outside	3959.00	
Perforations	20.00			3979.00	
Bullnose	3.00			3982.00	24.00      Bottom Packers & Anchor

**Total Tool Length: 52.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

McCoy Petroleum Corporation

**Bastin Trust 'A' #1-32**

8080 W Central Ave STE 300  
Wichita, KS 67206

**32-5s-30w Decatur KS**

Job Ticket: 38445

DST#: 1

ATTN: Paul Gunzelman

Test Start: 2010.10.07 @ 16:10:00

**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: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.57 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 900.00 ppm			
Filter Cake: 1.00 inches			

**Recovery Information**

Recovery Table

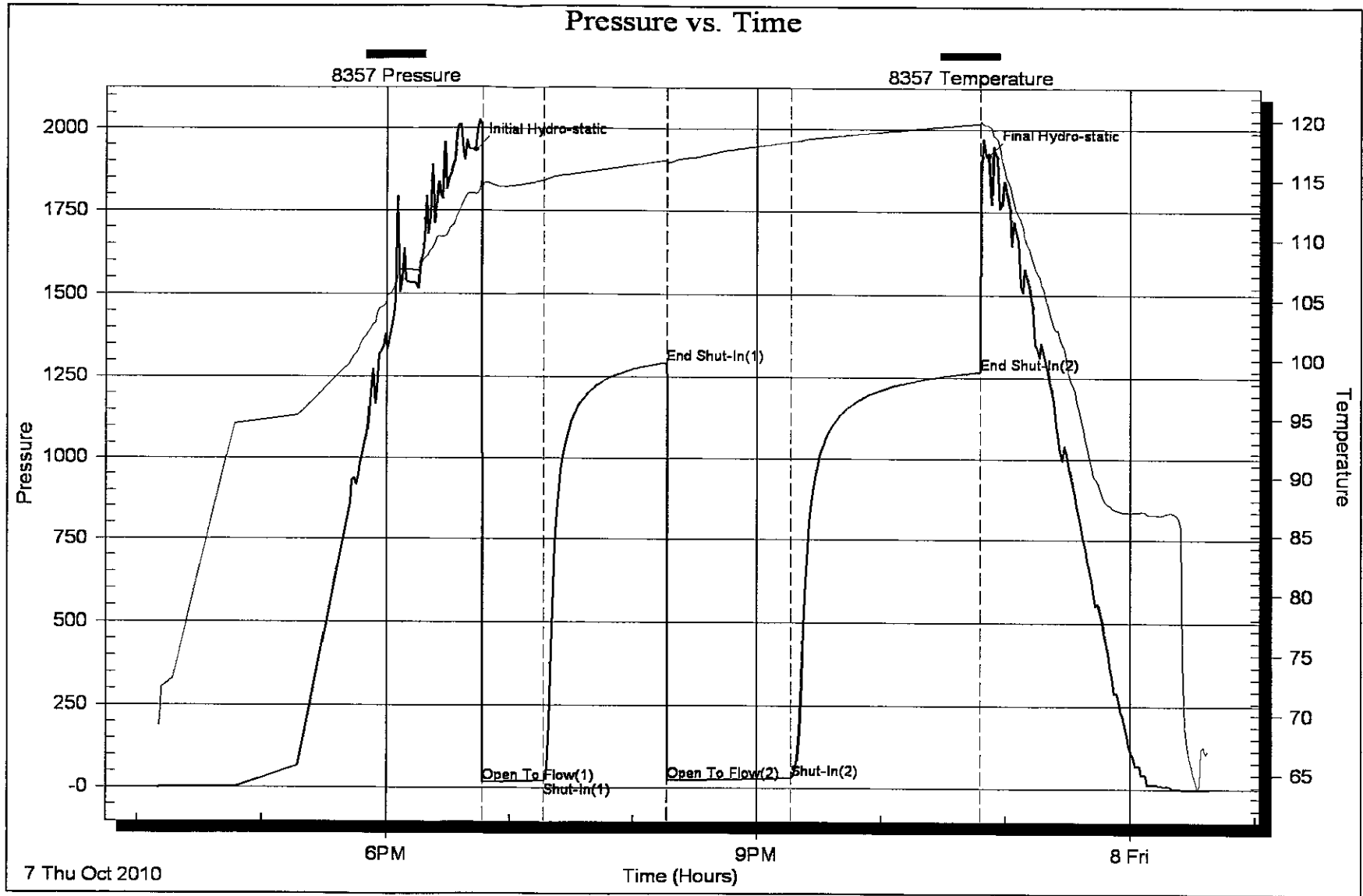
Length ft	Description	Volume bbl
15.00	WCM w / trace oil 89%w, 11%w	0.074
0.00	Oil Spots in tool	0.000

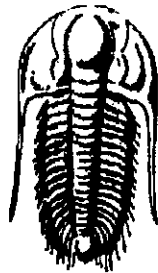
Total Length: 15.00 ft      Total Volume: 0.074 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:





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

## DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8080 W Central Ave STE 300  
Wichita, KS 67206

ATTN: Paul Gunzelman

**32-5s-30w Decatur KS**

**Bastin Trust 'A' #1-32**

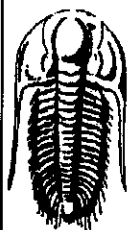
Start Date: 2010.10.08 @ 09:48:00

End Date: 2010.10.08 @ 18:05:30

Job Ticket #: 38446                      DST #: 2

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

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**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

McCoy Petroleum Corporation

8080 W Central Ave STE 300  
Wichita, KS 67206

ATTN: Paul Gunzelman

Bastin Trust 'A' #1-32

32-5s-30w Decatur KS

Job Ticket: 38446

DST#: 2

Test Start: 2010.10.08 @ 09:48:00

### GENERAL INFORMATION:

Formation: LKC "E - G"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:34:30

Time Test Ended: 18:05:30

Test Type: Conventional Bottom Hole

Tester: James Winder

Unit No: 37

Interval: 4002.00 ft (KB) To 4050.00 ft (KB) (TVD)

Total Depth: 4050.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2903.00 ft (KB)

2898.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8357

Inside

Press@RunDepth: 244.26 psig @ 4003.00 ft (KB)

Start Date: 2010.10.08

End Date:

2010.10.08

Start Time: 09:48:05

End Time:

18:05:29

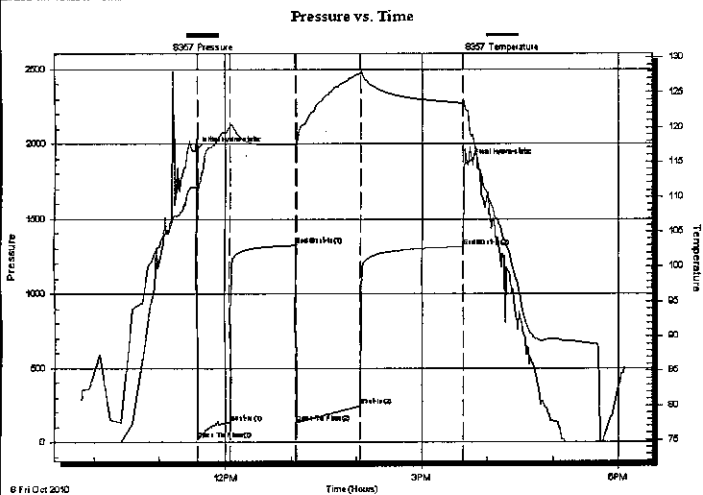
Capacity: 8000.00 psig

Last Calib.: 2010.10.08

Time On Btm: 2010.10.08 @ 11:32:30

Time Off Btm: 2010.10.08 @ 15:42:00

TEST COMMENT: IF: Blow built to BOB in 25 min.  
IS: Bled off, No blow back  
FF: Blow built to BOB in 26 1/2 min.  
FSI: Bled off, No blow back



### PRESSURE SUMMARY

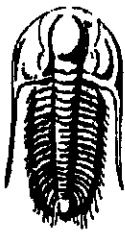
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1953.51	111.33	Initial Hydro-static
2	17.84	110.97	Open To Flow (1)
32	131.33	120.10	Shut-In(1)
92	1321.99	117.49	End Shut-In(1)
92	132.18	117.39	Open To Flow (2)
152	244.26	127.73	Shut-In(2)
246	1311.67	123.44	End Shut-In(2)
250	1870.05	122.34	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
176.00	MCW 81%w, 19%m	0.87
324.00	VM 56%m, 44%w	4.54

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

McCoy Petroleum Corporation

**Bastin Trust 'A' #1-32**

8080 W Central Ave STE 300  
Wichita, KS 67206

**32-5s-30w Decatur KS**

Job Ticket: 38446

**DST#: 2**

ATTN: Paul Gunzelman

Test Start: 2010.10.08 @ 09:48:00

### Tool Information

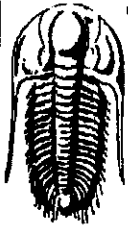
Drill Pipe:	Length: 3817.00 ft	Diameter: 3.80 inches	Volume: 53.54 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 176.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 54.41 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	4002.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	71.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

### Tool Comments:

Tool drug on and off on way out of hole - Ruined top packer

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3980.00	
Shut In Tool	5.00			3985.00	
Hydraulic tool	5.00			3990.00	
Safety Joint	3.00			3993.00	
Packer	5.00			3998.00	23.00 Bottom Of Top Packer
Packer	4.00			4002.00	
Stubb	1.00			4003.00	
Recorder	0.00	8357	Inside	4003.00	
Recorder	0.00	6751	Outside	4003.00	
Perforations	10.00			4013.00	
Blank Spacing	33.00			4046.00	
Perforations	1.00			4047.00	
Bullnose	3.00			4050.00	48.00 Bottom Packers & Anchor

**Total Tool Length: 71.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

McCoy Petroleum Corporation

**Bastin Trust 'A' #1-32**

8080 W Central Ave STE 300  
Wichita, KS 67206

**32-5s-30w Decatur KS**

Job Ticket: 38446

**DST#: 2**

ATTN: Paul Gunzelman

Test Start: 2010.10.08 @ 09:48:00

**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:	35000 ppm
Viscosity: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.57 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1000.00 ppm			
Filter Cake: 1.00 inches			

**Recovery Information**

Recovery Table

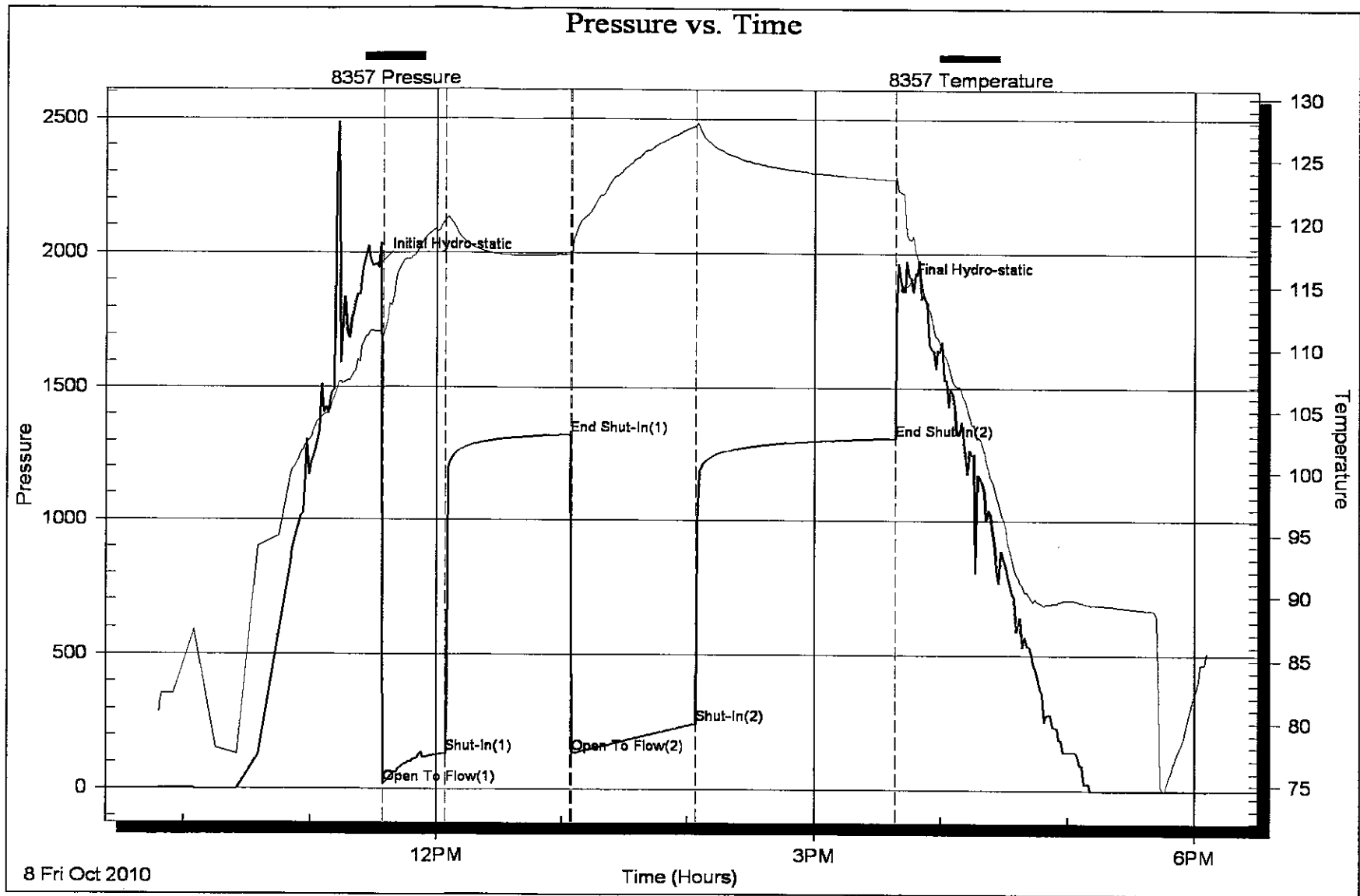
Length ft	Description	Volume bbl
176.00	MCW 81%w , 19%m	0.866
324.00	WM 56%m, 44%w	4.545

Total Length: 500.00 ft      Total Volume: 5.411 bbl

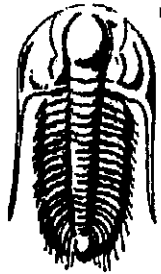
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments: RW = .165 ohms @ 85.8 deg F  
Chlorides = 35,000 ppm







**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8080 W Central Ave STE 300  
Wichita, KS 67206

ATTN: Paul Gunzelman

**32-5s-30w Decatur KS**

**Bastin Trust 'A' #1-32**

Start Date: 2010.10.09 @ 06:41:00

End Date: 2010.10.09 @ 15:13:00

Job Ticket #: 38447                      DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Printed: 2010.10.20 @ 21:15:37 Page 1

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McCoy Petroleum Corporation

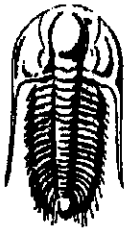
Bastin Trust 'A' #1-32

32-5s-30w Decatur KS

DST # 3

LKC H-K

2010.10.09



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

McCoy Petroleum Corporation

8080 W Central Ave STE 300  
Wichita, KS 67206

ATTN: Paul Gunzelman

**Bastin Trust 'A' #1-32**

**32-5s-30w Decatur KS**

Job Ticket: 38447

DST#: 3

Test Start: 2010.10.09 @ 06:41:00

## GENERAL INFORMATION:

Formation: **LKC H-K**

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

Time Tool Opened: 09:05:30

Time Test Ended: 15:13:00

Test Type: **Conventional Bottom Hole**

Tester: **James Winder/ Bradle**

Unit No: **37**

Interval: **4050.00 ft (KB) To 4150.00 ft (KB) (TVD)**

Total Depth: **4150.00 ft (KB) (TVD)**

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

Reference Elevations: **2903.00 ft (KB)**

**2898.00 ft (CF)**

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

**Serial #: 6751**

**Outside**

Press@RunDepth: **54.87 psig @ 4051.00 ft (KB)**

Start Date: **2010.10.09**

End Date:

**2010.10.09**

Capacity: **8000.00 psig**

Last Calib.: **2010.10.09**

Start Time: **06:41:05**

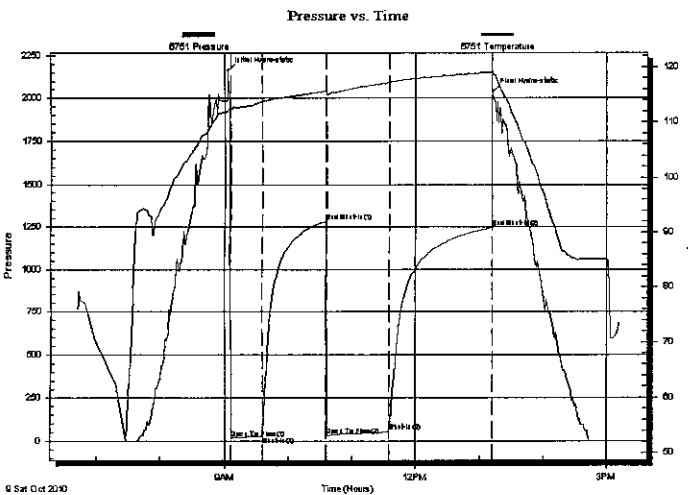
End Time:

**15:12:59**

Time On Btm: **2010.10.09 @ 09:03:00**

Time Off Btm: **2010.10.09 @ 13:13:00**

**TEST COMMENT:** IF: 1 1/4 inch blow.  
IS: No return.  
FF: Blow started @ 18 min. built to 3/4 inches.  
FSI: No return.



## PRESSURE SUMMARY

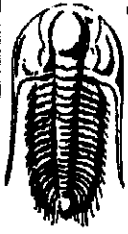
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2160.19	112.02	Initial Hydro-static
3	18.13	112.20	Open To Flow (1)
32	30.80	113.74	Shut-In(1)
92	1284.35	115.60	End Shut-In(1)
93	35.23	115.18	Open To Flow (2)
153	54.87	117.20	Shut-In(2)
249	1244.23	119.01	End Shut-In(2)
250	2037.82	119.11	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
75.00	Mud 100% m	0.37
0.00	Oil spots in tool.	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

McCoy Petroleum Corporation

**Bastin Trust 'A' #1-32**

8080 W Central Ave STE 300  
Wichita, KS 67206

**32-5s-30w Decatur KS**

Job Ticket: 38447

**DST#: 3**

ATTN: Paul Gunzelman

Test Start: 2010.10.09 @ 06:41:00

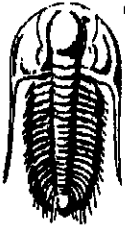
### Tool Information

Drill Pipe:	Length: 3881.00 ft	Diameter: 3.80 inches	Volume: 54.44 bbl	Tool Weight: 2500.00 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: 176.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 57000.00 lb
			<u>Total Volume: 55.31 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	35.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	4050.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	100.00 ft			
Tool Length:	128.00 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			4023.00	
Shut In Tool	5.00			4028.00	
Hydraulic tool	5.00			4033.00	
Jars	5.00			4038.00	
Safety Joint	3.00			4041.00	
Packer	5.00			4046.00	28.00 Bottom Of Top Packer
Packer	4.00			4050.00	
Stubb	1.00			4051.00	
Recorder	0.00	8357	Inside	4051.00	
Recorder	0.00	6751	Outside	4051.00	
Perforations	29.00			4080.00	
Change Over Sub	0.50			4080.50	
Drill Pipe	64.00			4144.50	
Change Over Sub	0.50			4145.00	
Perforations	2.00			4147.00	
Bullnose	3.00			4150.00	100.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>128.00</b>				



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

McCoy Petroleum Corporation

**Bastin Trust 'A' #1-32**

8080 W Central Ave STE 300  
Wichita, KS 67206

**32-5s-30w Decatur KS**

Job Ticket: 38447

**DST#: 3**

ATTN: Paul Gunzelman

Test Start: 2010.10.09 @ 06:41:00

**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: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.97 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1500.00 ppm			
Filter Cake: 1.00 inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
75.00	Mud 100%m	0.369
0.00	Oil spots in tool.	0.000

Total Length: 75.00 ft      Total Volume: 0.369 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

