



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1100477  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- 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
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
-----------------------------------	-----------------	---

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ 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: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

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.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1100477

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to [kcc-well-logs@kcc.ks.gov](mailto:kcc-well-logs@kcc.ks.gov). Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
--	---

CASING RECORD <input 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*  
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*  
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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 Production, 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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
--	---	---

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

November 09, 2012

Scott Hampel  
McCoy Petroleum Corporation  
8080 E CENTRAL STE 300  
WICHITA, KS 67206-2366

Re: ACO1  
API 15-163-24075-00-00  
JACKSON 'A' 1-11  
NW/4 Sec.11-07S-19W  
Rooks County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Scott Hampel

**McCoy Petroleum Corporation**  
**Jackson 'A' #1-11**  
**C N2 NW, Section 11-7S-19W**  
**660' FNL & 1320' FWL**  
**Rooks County, Kansas**  
**API# 15-163-24075-0000**

## ***SAMPLE TOPS***

**McCoy Petroleum Corp.**  
**Jackson 'A' #1-11**  
**N/2 NW**  
**Sec. 11-7S-19W**  
**KB: 2007'**

KB: 2007'	Depth	Datum
Anhydrite	1534	473
Topeka	2974	-967
Heebner	3177	-1170
Toronto	3200	-1193
Lansing	3220	-1213
Stark	3404	-1397
BKC	3442	-1435
Arbuckle	3544	-1537
RTD	3590	-1583

## ***Electric Log TOPS***

**McCoy Petroleum Corp.**  
**Jackson 'A' #1-11**  
**N/2 NW**  
**Sec. 11-7S-19W**  
**KB: 2007'**

KB: 2007'	Depth	Datum
Anhydrite	1534	473
Topeka	2974	-967
Heebner	3177	-1170
Toronto	3200	-1193
Lansing	3220	-1213
Stark	3404	-1397
BKC	3442	-1435
Arbuckle	3544	-1537
LTD	3594	-1587

# Robert D. Hendrix

## Petroleum Geologist

### GEOLOGIST'S REPORT

#### DRILLING TIME AND SAMPLE LOG

COMPANY **McCoy Petroleum Corporation**

LEASE **Jackson "A" #1-11**

FIELD **Wildcat**

LOCATION **660' fl & 1320' fl**

SEC **11** TWP **7S** RGE **19W**

COUNTY **Rooks** STATE **Kansas**

CONTRACTOR **Murfin Drilling Co. Inc. Rig #16**

SPUD **9/27/2012** COMP **10/3/2012**

RTD **3590** LTD **3594**

MUD UP **2730** TYPE MUD **Chemical**

SAMPLES SAVED FROM **2900** TO **TD**

DRILLING TIME KEPT FROM **2900** TO **TD**

SAMPLES EXAMINED FROM **2900** TO **TD**

GEOLOGICAL SUPERVISION FROM **3185**

GEOLOGIST ON WELL **Robert D. Hendrix**

ELEVATIONS

KB **2007**

DF

GL **2002'**

Measurements Are All From **Kelly Bushing**

CASING

CONDUCTOR SURFACE **8.58"** at **208'**

PRODUCTION **4 1/2"**

ELECTRICAL SURVEYS

Promer

Neutron density: Dual Induction, Micro

FORMATION TOPS

ELECTRIC LOG

SAMPLE

Anhydrite **1533 (+474)** **1534 (+473)**

Base Anhydrite **1563 (+444)** **1564 (+443)**

Topeka **1593 (+463)** **2974 (+967)**

Heebner Sh. **3179 (-1172)** **3177 (-1170)**

Toronto **3204 (-1197)** **3200 (-1193)**

Lansing **3226 (-1219)** **3220 (-1213)**

Stark Sh. **3404 (-1397)** **3404 (-1397)**

BKC **3442 (-1435)** **3440 (-1433)**

RTD **3590** **3594**

API# 15-163-24075

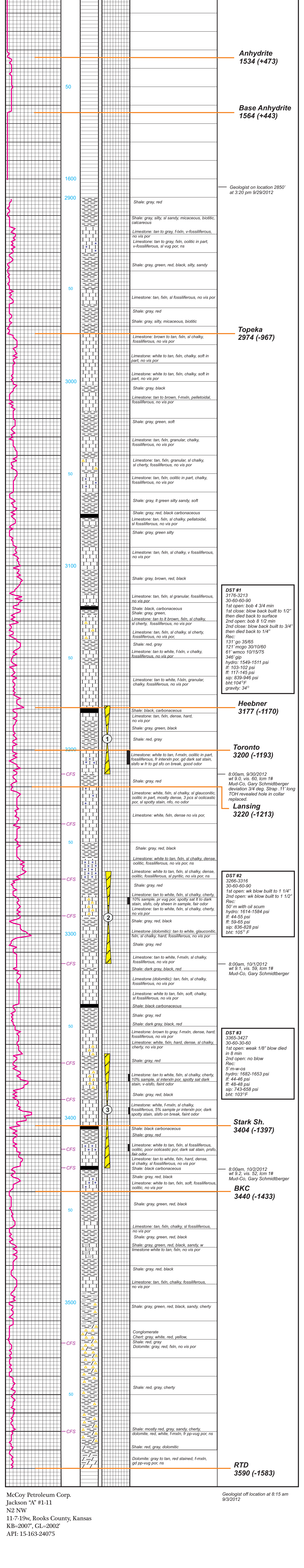
REMARKS:

All pertinent shows were tested, due to the positive results in the Toronto on DST #1 it is recommended that casing be run on this test for further examination.

Respectfully Submitted

Robert D Hendrix

### LEGEND





## DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8080 E Central  
Wichita KS 67206 + 2366

ATTN: Scott Hampel

### **Jackson A #1-11**

### **11-7s-19w Rooks,KS**

Start Date: 2012.09.30 @ 09:15:12

End Date: 2012.09.30 @ 18:34:42

Job Ticket #: 51027                      DST #: 1

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

Printed: 2012.10.05 @ 10:30:19



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

McCoy Petroleum Corporation

**11-7s-19w Rooks,KS**

8080 E Central  
Wichita KS 67206 + 2366

**Jackson A #1-11**

Job Ticket: 51027

**DST#: 1**

ATTN: Scott Hampel

Test Start: 2012.09.30 @ 09:15:12

## GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:34:12

Time Test Ended: 18:34:42

Test Type: Conventional Bottom Hole (Initial)

Tester: Jeff Brown

Unit No: 44

**Interval: 3176.00 ft (KB) To 3213.00 ft (KB) (TVD)**

Reference Elevations: 2007.00 ft (KB)

Total Depth: 3213.00 ft (KB) (TVD)

2002.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8321 Inside**

Press @ Run Depth: 145.19 psig @ 3181.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.30

End Date: 2012.09.30

Last Calib.: 2012.09.30

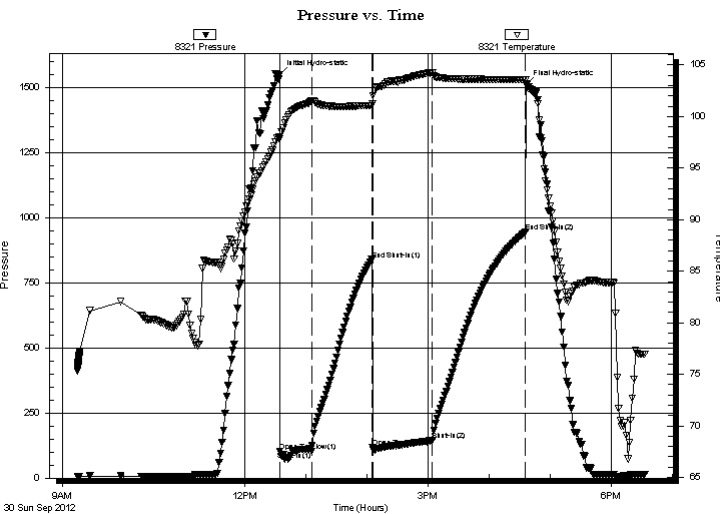
Start Time: 09:15:13

End Time: 18:33:42

Time On Btm: 2012.09.30 @ 12:33:42

Time Off Btm: 2012.09.30 @ 16:36:42

**TEST COMMENT:** IFF=Strong blow BOB in 4 3/4 min  
ISI=Weak surface blow back built to 1/2" died back to a surface blow  
FFP=Good blow BOB in 8 1/2 min  
FSI=Weak surface blow back built to 3/4 in died back to 1/4"



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1549.46	98.02	Initial Hydro-static
1	102.60	97.84	Open To Flow (1)
32	102.11	101.53	Shut-In(1)
91	839.13	101.09	End Shut-In(1)
92	116.98	101.24	Open To Flow (2)
151	145.19	104.28	Shut-In(2)
242	945.63	103.58	End Shut-In(2)
243	1510.96	103.21	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
61.00	WMCO 10%W 15%M 75%O	0.59
121.00	MCGO 10%G 30%M 60%O	1.70
131.00	Gassy Oil 35%G 65%O	1.84
0.00	346-GIP	0.00

## Gas Rates

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







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

McCoy Petroleum Corporation

**11-7s-19w Rooks,KS**

8080 E Central  
Wichita KS 67206 + 2366

**Jackson A #1-11**

Job Ticket: 51027

**DST#: 1**

ATTN: Scott Hampel

Test Start: 2012.09.30 @ 09:15:12

## Tool Information

Drill Pipe:	Length: 3138.00 ft	Diameter: 3.80 inches	Volume: 44.02 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 29.00 ft	Diameter: 2.25 inches	Volume: 0.14 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 44.16 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3176.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	60.00 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			3154.00	
Shut In Tool	5.00			3159.00	
Hydraulic tool	5.00			3164.00	
Safety Joint	3.00			3167.00	
Packer	4.00			3171.00	23.00 Bottom Of Top Packer
Packer	5.00			3176.00	
Stubb	1.00			3177.00	
Perforations	4.00			3181.00	
Recorder	0.00	8321	Inside	3181.00	
Recorder	0.00	8737	Outside	3181.00	
Perforations	29.00			3210.00	
Bullnose	3.00			3213.00	37.00 Bottom Packers & Anchor

**Total Tool Length: 60.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

McCoy Petroleum Corporation

**11-7s-19w Rooks,KS**

8080 E Central  
Wichita KS 67206 + 2366

**Jackson A #1-11**

Job Ticket: 51027

**DST#: 1**

ATTN: Scott Hampel

Test Start: 2012.09.30 @ 09:15:12

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2100.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
61.00	WMCO 10%W 15%M 75%O	0.591
121.00	MCGO 10%G 30%M 60%O	1.697
131.00	Gassy Oil 35%G 65%O	1.838
0.00	346-GIP	0.000

Total Length: 313.00 ft

Total Volume: 4.126 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8321

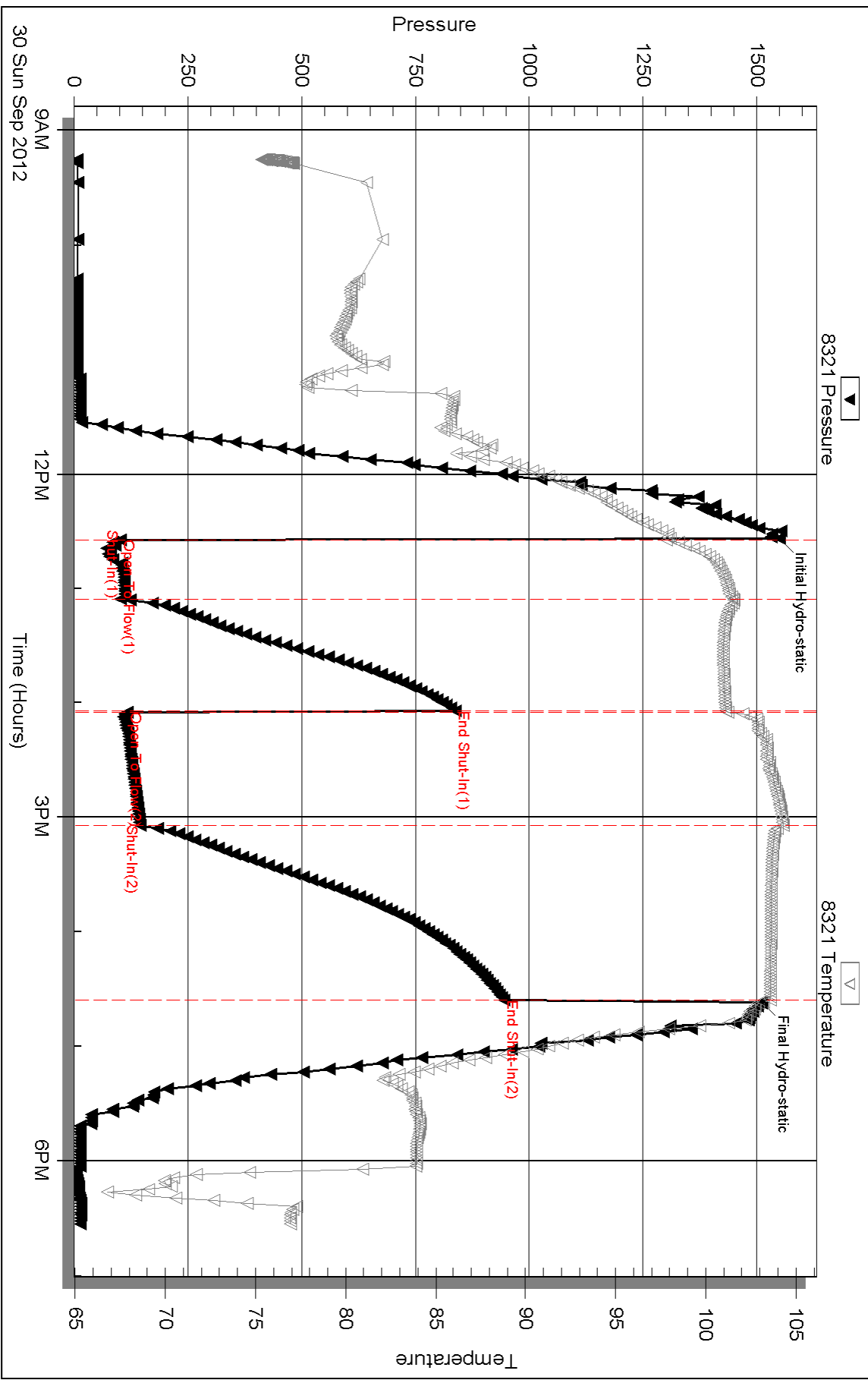
Inside

McCoy Petroleum Corporation

Jackson A #1-11

DST Test Number: 1

# Pressure vs. Time



Triobite Testing, Inc

Ref. No: 51027

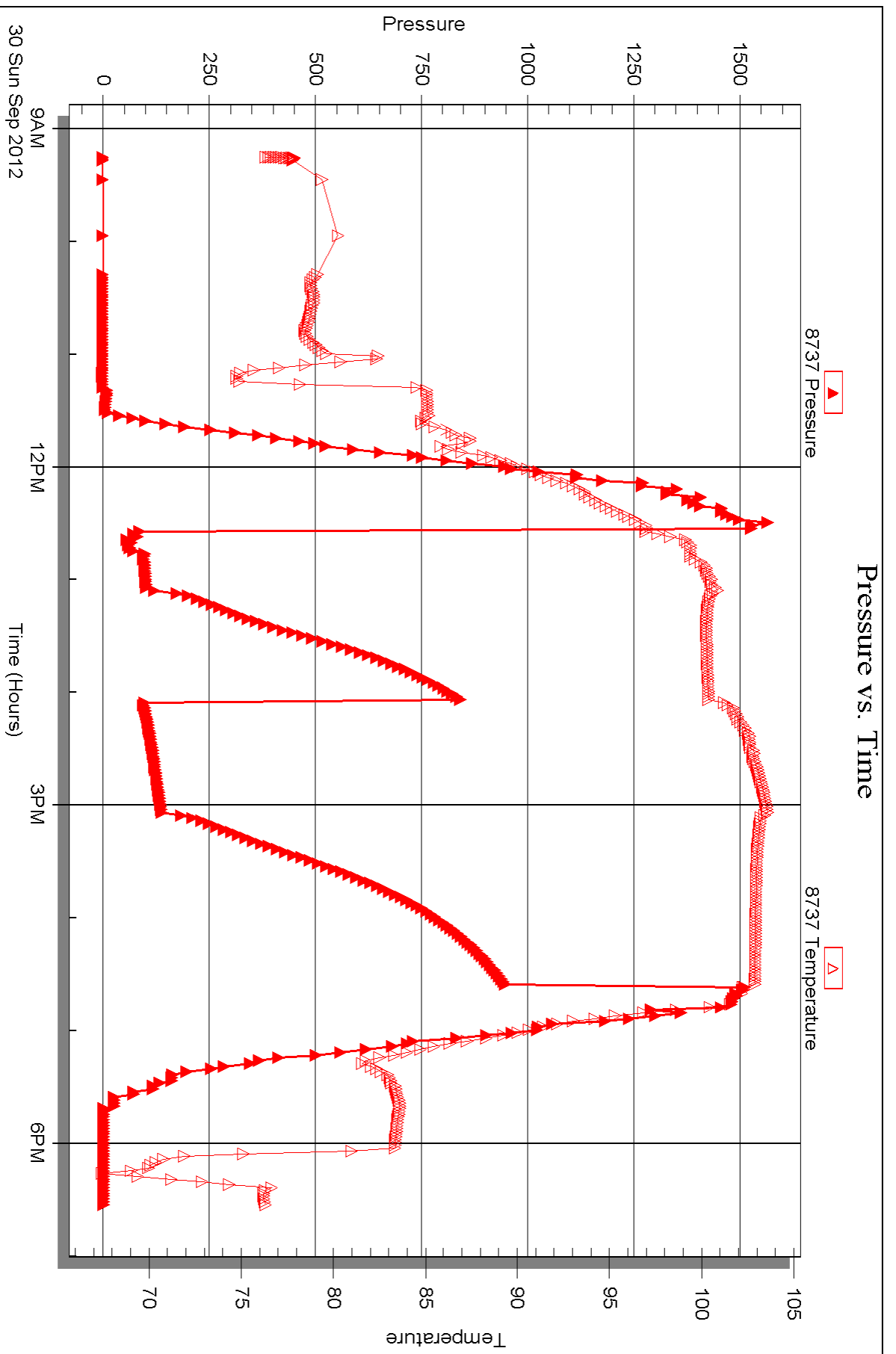
Printed: 2012.10.05 @ 10:30:23

Serial #: 8737

Outside McCoy Petroleum Corporation

Jackson A #1-11

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8080 E Central  
Wichita KS 67206 + 2366

ATTN: Scott Hampel

### **Jackson A #1-11**

### **11-7s-19w Rooks,KS**

Start Date: 2012.10.01 @ 09:19:24

End Date: 2012.10.01 @ 16:13:24

Job Ticket #: 51028                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.10.05 @ 10:28:49



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

McCoy Petroleum Corporation

**11-7s-19w Rooks,KS**

8080 E Central  
Wichita KS 67206 + 2366

**Jackson A #1-11**

ATTN: Scott Hampel

Job Ticket: 51028

**DST#: 2**

Test Start: 2012.10.01 @ 09:19:24

## GENERAL INFORMATION:

Formation: **Lansing D-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:55:24

Time Test Ended: 16:13:24

Test Type: Conventional Bottom Hole (Reset)

Tester: Jeff Brown

Unit No: 44

**Interval: 3266.00 ft (KB) To 3316.00 ft (KB) (TVD)**

Reference Elevations: 2007.00 ft (KB)

Total Depth: 3316.00 ft (KB) (TVD)

2002.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8321**

**Inside**

Press @ Run Depth: 64.72 psig @ 3271.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.01

End Date:

2012.10.01

Last Calib.: 2012.10.01

Start Time: 09:19:25

End Time:

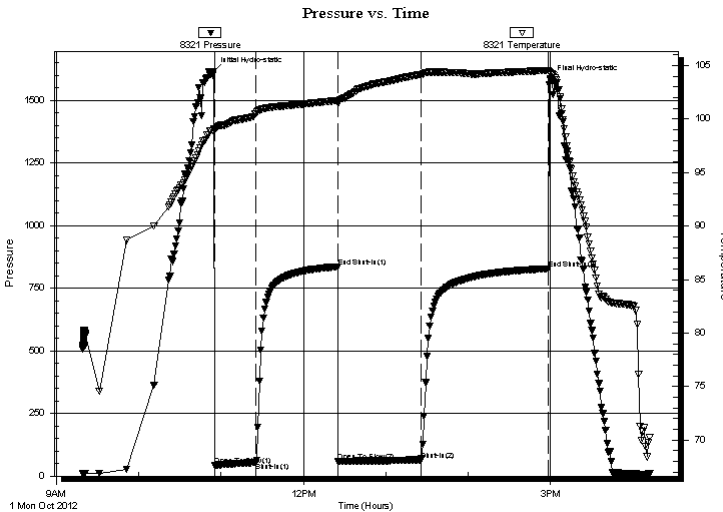
16:12:24

Time On Btm: 2012.10.01 @ 10:54:54

Time Off Btm: 2012.10.01 @ 14:59:24

TEST COMMENT: IFP=Weak blow built to 1 1/4"  
ISI=Dead no blow back  
FFP=Weak blow built to 1 1/2"  
FSI=Dead no blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1613.59	99.10	Initial Hydro-static
1	43.94	98.98	Open To Flow (1)
31	55.42	100.53	Shut-In(1)
90	835.75	101.75	End Shut-In(1)
91	58.67	101.48	Open To Flow (2)
151	64.72	104.17	Shut-In(2)
243	828.04	104.55	End Shut-In(2)
245	1584.44	104.33	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
50.00	Mud with a scum of oil	0.44

## Gas Rates

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

\* Recovery from multiple tests





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

McCoy Petroleum Corporation

**11-7s-19w Rooks,KS**

8080 E Central  
Wichita KS 67206 + 2366

**Jackson A #1-11**

Job Ticket: 51028

**DST#: 2**

ATTN: Scott Hampel

Test Start: 2012.10.01 @ 09:19:24

## Tool Information

Drill Pipe:	Length: 3234.00 ft	Diameter: 3.80 inches	Volume: 45.36 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 29.00 ft	Diameter: 2.25 inches	Volume: 0.14 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 45.50 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3266.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	73.00 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			3244.00	
Shut In Tool	5.00			3249.00	
Hydraulic tool	5.00			3254.00	
Safety Joint	3.00			3257.00	
Packer	4.00			3261.00	23.00 Bottom Of Top Packer
Packer	5.00			3266.00	
Stubb	1.00			3267.00	
Perforations	3.00			3270.00	
Change Over Sub	1.00			3271.00	
Recorder	0.00	8321	Inside	3271.00	
Recorder	0.00	8737	Outside	3271.00	
Drill Pipe	31.00			3302.00	
Change Over Sub	1.00			3303.00	
Perforations	10.00			3313.00	
Bullnose	3.00			3316.00	50.00 Bottom Packers & Anchor

**Total Tool Length: 73.00**





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

McCoy Petroleum Corporation

**11-7s-19w Rooks,KS**

8080 E Central  
Wichita KS 67206 + 2366

**Jackson A #1-11**

Job Ticket: 51028

**DST#: 2**

ATTN: Scott Hampel

Test Start: 2012.10.01 @ 09:19:24

## 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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2100.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	Mud with a scum of oil	0.437

Total Length: 50.00 ft      Total Volume: 0.437 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8321

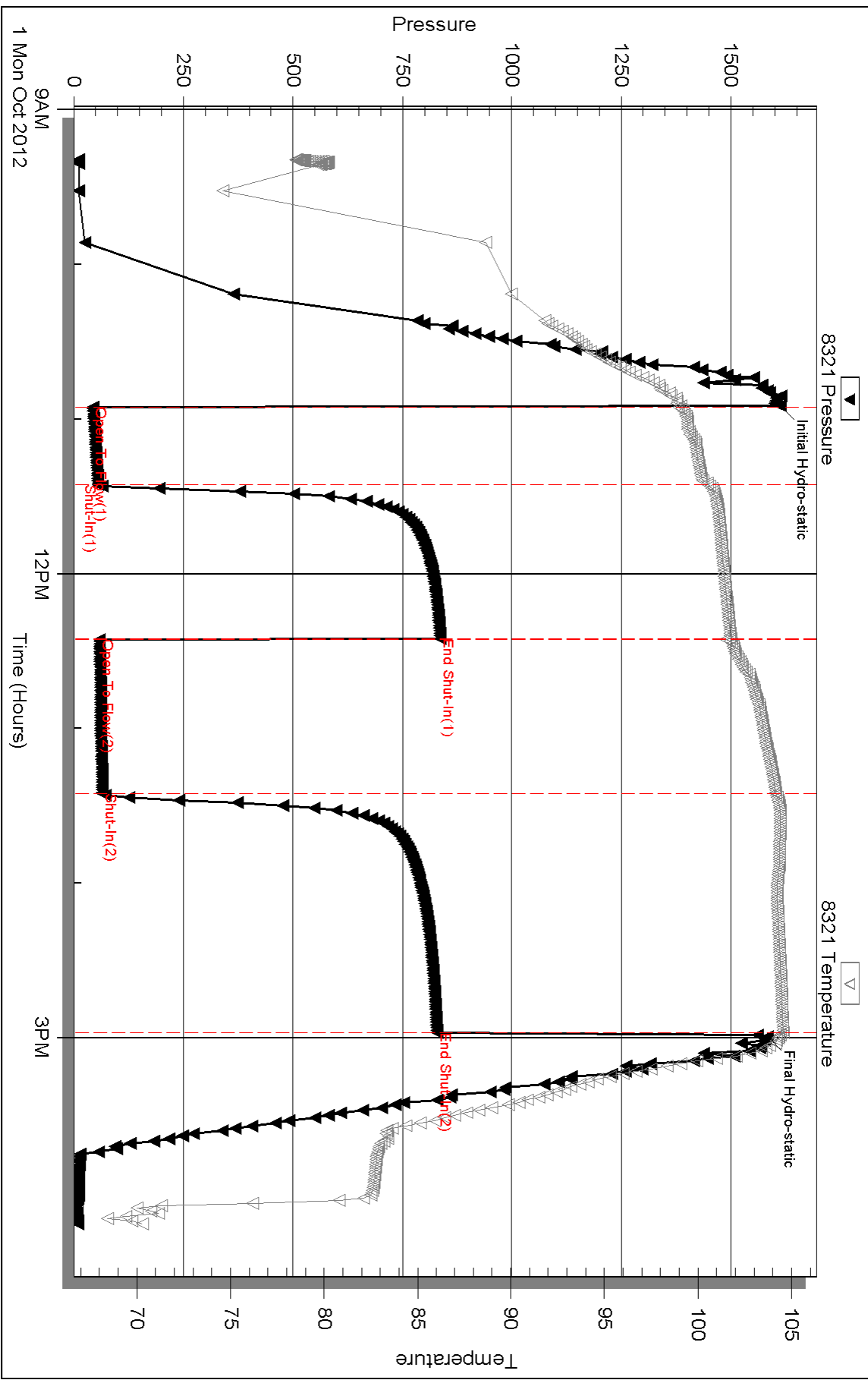
Inside

McCoy Petroleum Corporation

Jackson A #1-11

DST Test Number: 2

### Pressure vs. Time



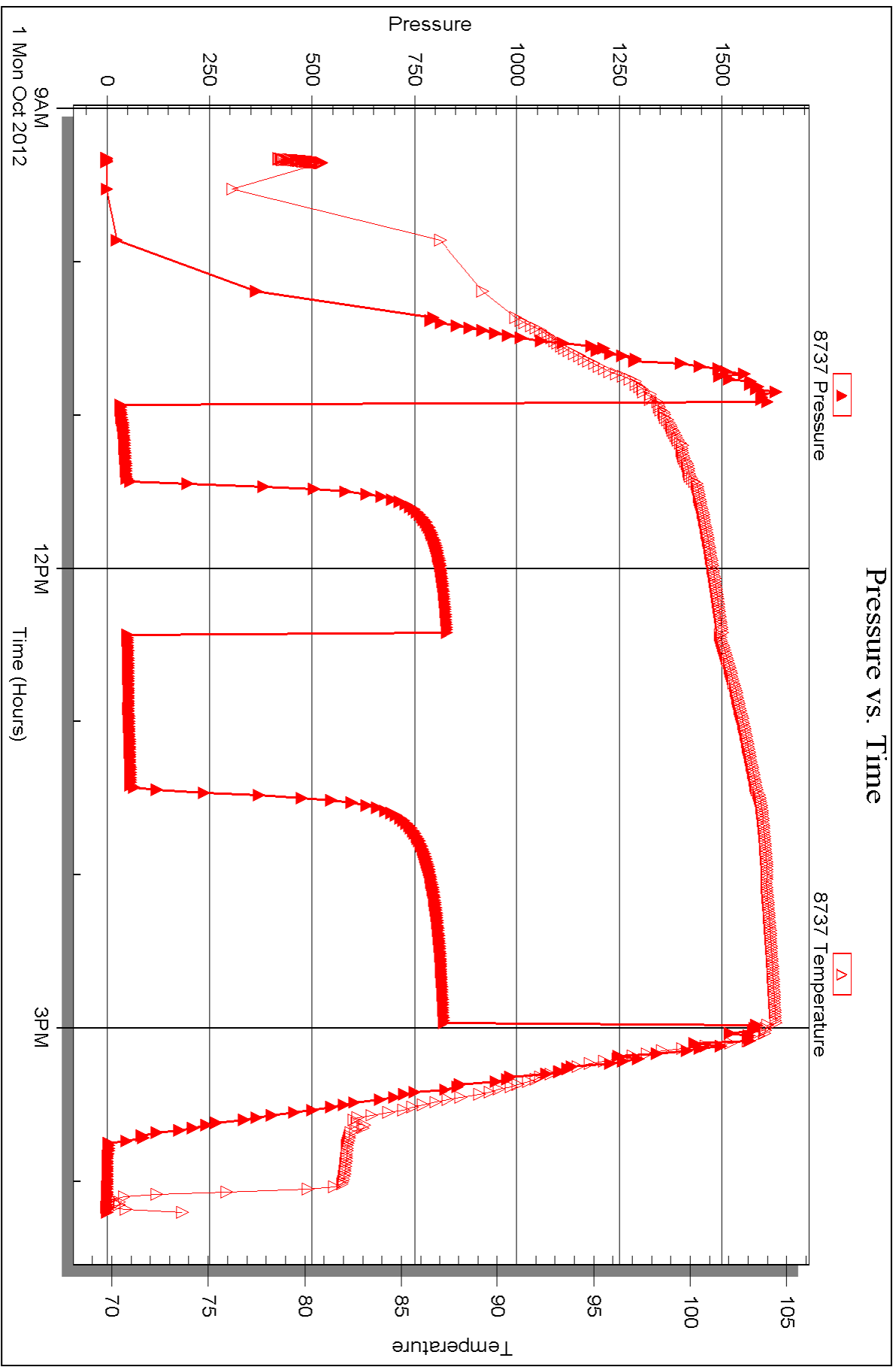
Serial #: 8737

Outside

McCoy Petroleum Corporation

Jackson A #1-11

DST Test Number: 2





## DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8080 E Central  
Wichita KS 67206 + 2366

ATTN: Scott Hampel

### **Jackson A #1-11**

### **11-7s-19w Rooks,KS**

Start Date: 2012.10.02 @ 07:47:47

End Date: 2012.10.02 @ 14:17:38

Job Ticket #: 51029                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.10.05 @ 10:27:53



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

McCoy Petroleum Corporation

**11-7s-19w Rooks,KS**

8080 E Central  
Wichita KS 67206 + 2366

**Jackson A #1-11**

Job Ticket: 51029

**DST#: 3**

ATTN: Scott Hampel

Test Start: 2012.10.02 @ 07:47:47

## GENERAL INFORMATION:

Formation: **Lansing I-K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:35:47

Time Test Ended: 14:17:38

Test Type: Conventional Bottom Hole (Reset)

Tester: Jeff Brown

Unit No: 44

**Interval: 3365.00 ft (KB) To 3427.00 ft (KB) (TVD)**

Reference Elevations: 2007.00 ft (KB)

Total Depth: 3427.00 ft (KB) (TVD)

2002.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8321**

**Inside**

Press @ Run Depth: 47.88 psig @ 3402.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.02

End Date:

2012.10.02

Last Calib.:

2012.10.02

Start Time: 07:47:48

End Time:

14:16:38

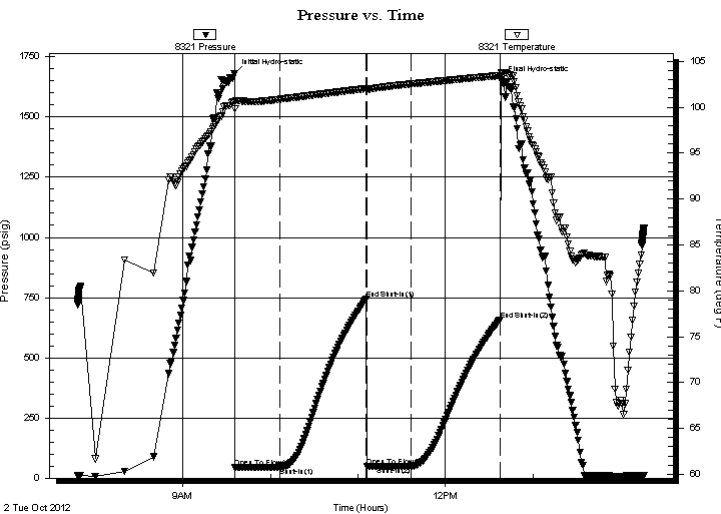
Time On Btm:

2012.10.02 @ 09:35:17

Time Off Btm:

2012.10.02 @ 12:38:17

**TEST COMMENT:** IFP=Weak surface blow built to 1/8" died out in 8 min  
ISI=Dead no blow back  
FFP=Dead no blow  
FSI=Dead no blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1681.65	100.61	Initial Hydro-static
1	44.24	99.87	Open To Flow (1)
31	45.86	100.86	Shut-In(1)
91	742.94	102.02	End Shut-In(1)
91	47.71	101.86	Open To Flow (2)
121	47.88	102.52	Shut-In(2)
182	657.89	103.45	End Shut-In(2)
183	1653.15	103.75	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud with oil spots	0.02

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

McCoy Petroleum Corporation

**11-7s-19w Rooks,KS**

8080 E Central  
Wichita KS 67206 + 2366

**Jackson A #1-11**

Job Ticket: 51029

**DST#: 3**

ATTN: Scott Hampel

Test Start: 2012.10.02 @ 07:47:47

## Tool Information

Drill Pipe:	Length: 3328.00 ft	Diameter: 3.80 inches	Volume: 46.68 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 29.00 ft	Diameter: 2.25 inches	Volume: 0.14 bbl	Weight to Pull Loose: 52000.00 lb
			Total Volume: 46.82 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3365.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	62.00 ft			
Tool Length:	85.00 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			3343.00	
Shut In Tool	5.00			3348.00	
Hydraulic tool	5.00			3353.00	
Safety Joint	3.00			3356.00	
Packer	4.00			3360.00	23.00 Bottom Of Top Packer
Packer	5.00			3365.00	
Stubb	1.00			3366.00	
Perforations	3.00			3369.00	
Change Over Sub	1.00			3370.00	
Drill Pipe	31.00			3401.00	
Change Over Sub	1.00			3402.00	
Recorder	0.00	8321	Inside	3402.00	
Recorder	0.00	8737	Outside	3402.00	
Perforations	22.00			3424.00	
Bullnose	3.00			3427.00	62.00 Bottom Packers & Anchor

**Total Tool Length: 85.00**



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

McCoy Petroleum Corporation

**11-7s-19w Rooks,KS**

8080 E Central  
Wichita KS 67206 + 2366

**Jackson A #1-11**

Job Ticket: 51029

**DST#: 3**

ATTN: Scott Hampel

Test Start: 2012.10.02 @ 07:47:47

**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:

bbbl

Water Loss: 6.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud with oil spots	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8321

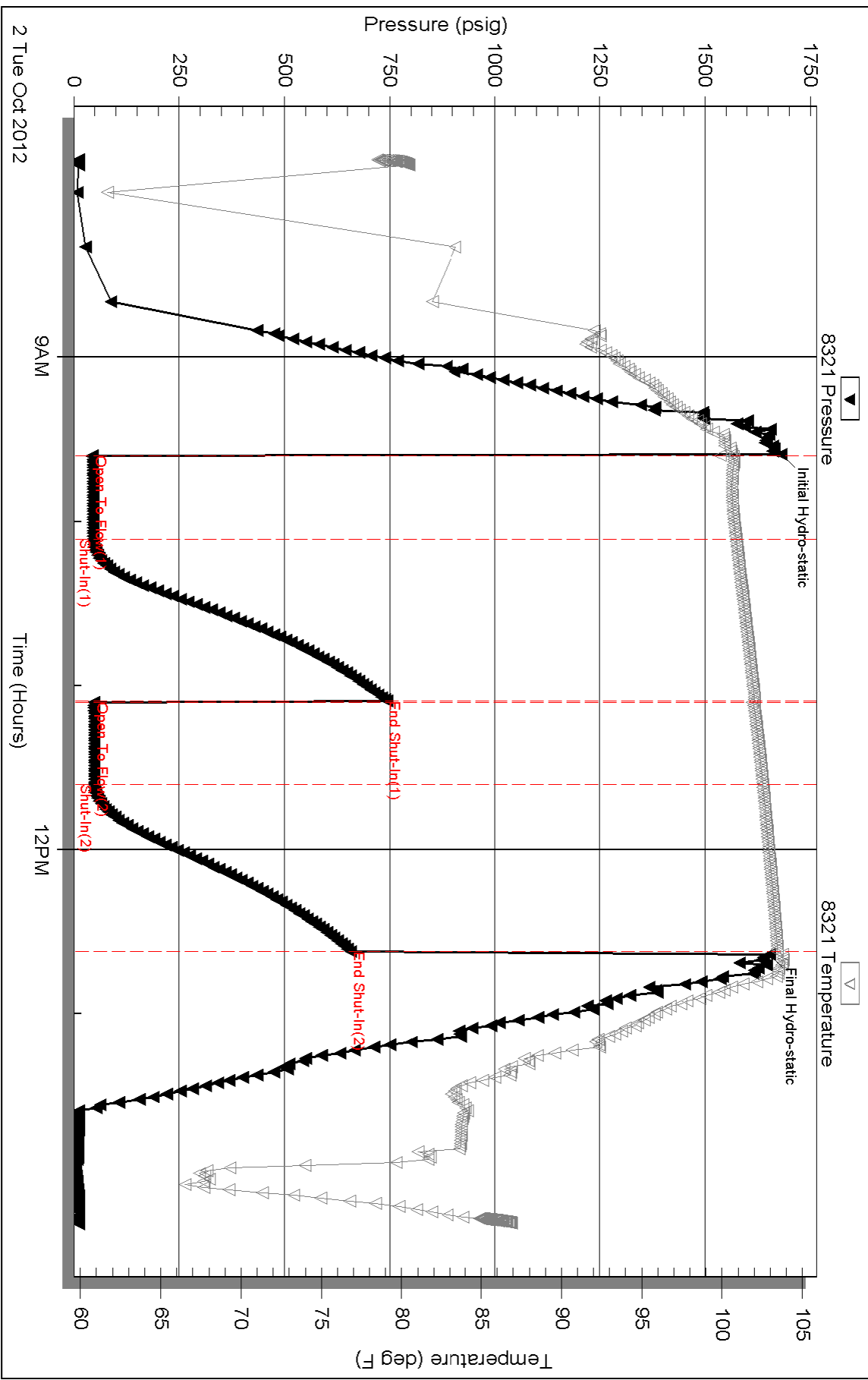
Inside

McCoy Petroleum Corporation

Jackson A #1-11

DST Test Number: 3

### Pressure vs. Time



Triobite Testing, Inc

Ref. No: 51029

Printed: 2012.10.05 @ 10:27:57

Serial #: 8737

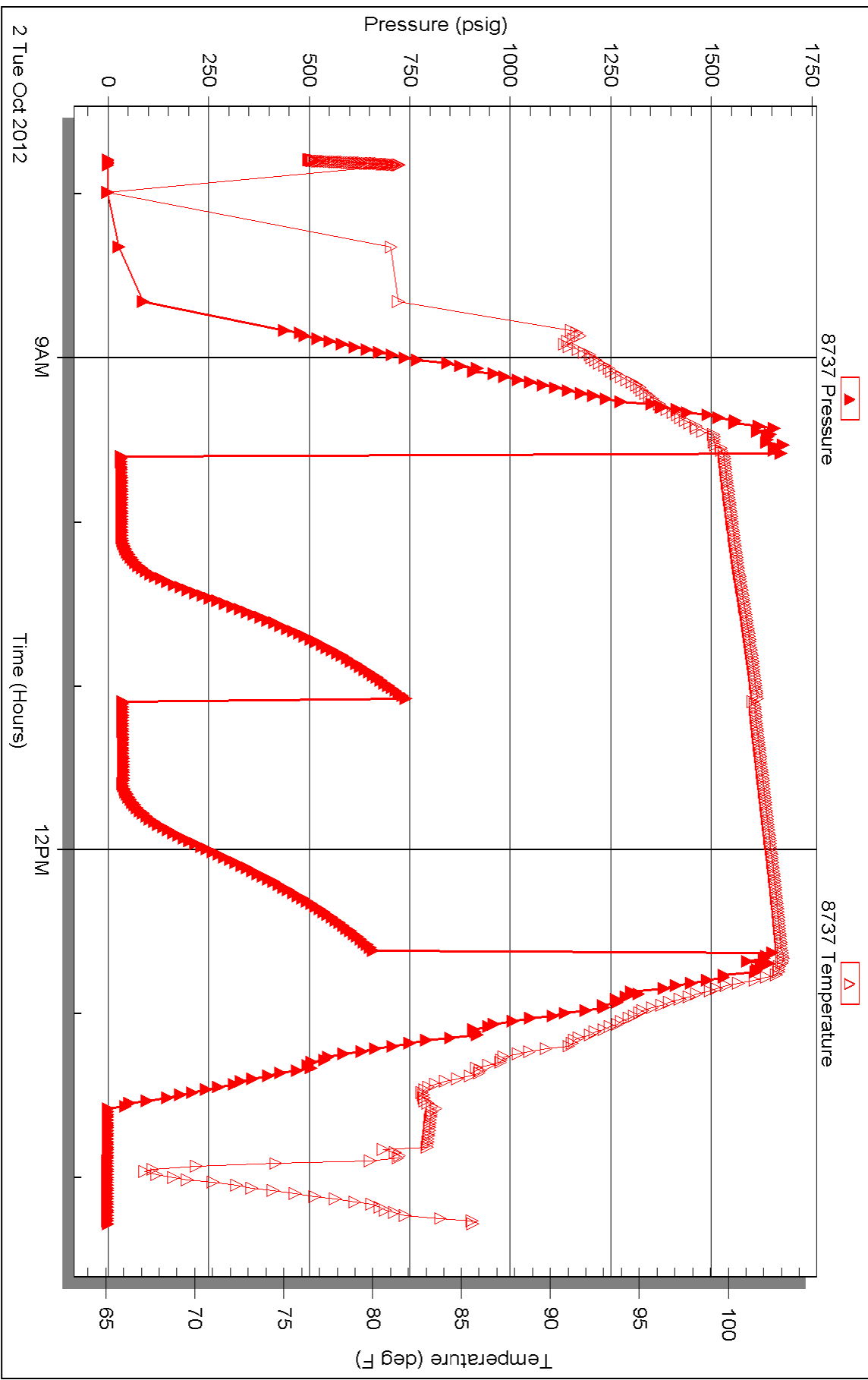
Outside

McCoy Petroleum Corporation

Jackson A #1-11

DST Test Number: 3

### Pressure vs. Time





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 51027

4/10

Well Name & No. JACKSON A 1-11 Test No. 1 Date 9-30-12  
 Company McCoy Petroleum Corporation Elevation 2007 KB 2002 GL  
 Address 8830 E CENTRAL STE 300 WICHITA KS 67206 + 2366  
 Co. Rep / Geo. Robert Hendrix Rig Murfin #14  
 Location: Sec. 11 Twp. 7 Rge. 19W Co. Rooks State KS

Interval Tested 3176-3213 Zone Tested TORONTO  
 Anchor Length 37 Drill Pipe Run 3138 Mud Wt. 9.0  
 Top Packer Depth 3171 Drill Collars Run 29 Vis 6.0  
 Bottom Packer Depth 3176 Wt. Pipe Run 0 WL 6.8  
 Total Depth 3213 Chlorides 2100 ppm System LCM 1

Blow Description PP-Strong Blow BOB IN 4 3/4 min  
ISI-Weak Surface Blow Back Built to 1/2 IN DieD Back To A Surface Blow  
PP-GOOD Blow BOB IN 8 1/2 min  
ISI-Weak Surface Blow Back Built to 3/4 IN DieD Back To 1/4 IN

Rec	Feet of	%gas	%oil	%water	%mud
<u>61</u>	<u>WMCO</u>	<u>75</u>	<u>10</u>	<u>15</u>	<u>0</u>
<u>121</u>	<u>MCCGO</u>	<u>10</u>	<u>60</u>	<u>30</u>	<u>0</u>
<u>131</u>	<u>GASSY oil</u>	<u>35</u>	<u>65</u>	<u>0</u>	<u>0</u>
<u>346-GIP</u>					

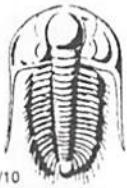
Rec Total 313 BHT 104 Gravity 34 API RW @ 161.20 °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1549  Test 1150 T-On Location 8:42  
 (B) First Initial Flow 103  Jars \_\_\_\_\_ T-Started 9:15  
 (C) First Final Flow 102  Safety Joint 75 T-Open 12:35  
 (D) Initial Shut-In 839  Circ Sub \_\_\_\_\_ T-Pulled 16:35  
 (E) Second Initial Flow 117  Hourly Standby \_\_\_\_\_ T-Out 18:34  
 (F) Second Final Flow 145  Mileage 104 RT 161.20 Comments \_\_\_\_\_  
 (G) Final Shut-In 946  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1511  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 0  
 Day Standby \_\_\_\_\_ Total 1386.20  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_

Initial Open 30  
 Initial Shut-In 60  
 Final Flow 60  
 Final Shut-In 90  
 Sub Total 1386.20

Approved By \_\_\_\_\_ Our Representative Jeff Brown

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 51028

4/10

Well Name & No. JACKSON A 1-11 Test No. 2 Date 10-1-12  
 Company McCoy Petroleum Corp Elevation 2007 KB 2002 GL  
 Address 8080 E Central Ste 300 Wichita KS 67206  
 Co. Rep / Geo. Robert Hendrix Rig Murfin #16  
 Location: Sec. 11 Twp. 7S Rge. 19W Co. Ellis Rocks State KS

Interval Tested 3266-3316 Zone Tested Lansing D-E-F  
 Anchor Length 50 Drill Pipe Run 3234 Mud Wt. 9.1  
 Top Packer Depth 3261 Drill Collars Run 29 Vis 59  
 Bottom Packer Depth 3266 Wt. Pipe Run 0 WL 6.8  
 Total Depth 3316 Chlorides 2300 ppm System LCM 1

Blow Description FP-Weak Blow Built To 1 1/4 IN  
ISI-Dead No Blow Back  
FP-Weak Blow Built To 1 1/2 IN  
ISI-Dead No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>50</u>	<u>Mud with a scum of oil</u>				
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

Rec Total 50 BHT 105 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1414  Test 1150 T-On Location 8:55  
 (B) First Initial Flow 44  Jars T-Started 9:19  
 (C) First Final Flow 55  Safety Joint 75 T-Open 10:56  
 (D) Initial Shut-In 836  Circ Sub T-Pulled 14:56  
 (E) Second Initial Flow 59  Hourly Standby T-Out 16:13  
 (F) Second Final Flow 65  Mileage 161.20 Comments \_\_\_\_\_  
 (G) Final Shut-In 828  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1584  Straddle \_\_\_\_\_  
 Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_

Initial Open 30  
 Initial Shut-In 60  
 Final Flow 60 90  
 Final Shut-In \_\_\_\_\_  
 Sub Total 1386.20  
 Total 1386.20  
 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Jeff Brown

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 51029

4/10

Well Name & No. JACKSON A 1-11 Test No. 3 Date 10-2-12  
 Company McCoy Petroleum Corp Elevation 2007 KB 2002 GL  
 Address 8080 E CENTRAL STE 300 WICHITA KS 67206  
 Co. Rep / Geo. ROBERT HENDRIX Rig MURFIN 120  
 Location: Sec. 11 Twp. 7S Rge. 19W Co. ROCKS State KS

Interval Tested 3365-3427 Zone Tested Lasing I-J-K  
 Anchor Length 62 Drill Pipe Run 3328 Mud Wt. 9.2  
 Top Packer Depth 3360 Drill Collars Run 29 Vis 52  
 Bottom Packer Depth 3365 Wt. Pipe Run 0 WL 6.8  
 Total Depth 3427 Chlorides 2500 ppm System LCM 1

Blow Description FP-Weak Surface Blow Built to 1/8 IN died out in 8 min  
ISI-Dead No Blow Back  
FP-Dead No Blow  
FSI-Dead No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud with oil spot's</u>			<u>100</u>	
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

Rec Total 5 BHT 103 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1682  Test 1150 T-On Location 7:33  
 (B) First Initial Flow 46 44  Jars \_\_\_\_\_ T-Started 7:47  
 (C) First Final Flow 743 46  Safety Joint 75 T-Open 9:37  
 (D) Initial Shut-In 48 743  Circ Sub \_\_\_\_\_ T-Pulled 12:37  
 (E) Second Initial Flow 48 48  Hourly Standby \_\_\_\_\_ T-Out 14:17  
 (F) Second Final Flow 1 48  Mileage 322.40  
 (G) Final Shut-In 658  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1653  Straddle \_\_\_\_\_

Initial Open 30  Shale Packer \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Initial Shut-In 400  Extra Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Final Flow 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Shut-In 400  Day Standby \_\_\_\_\_ Total 1547.40  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1547.40

Approved By \_\_\_\_\_ Our Representative Jeff Brown

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

# QUALITY WELL SERVICE, INC.

5729

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

Heath's Cell 620-727-3410  
Office / Fax 620-672-3663

Rich's Cell 620-727-3409  
Brady's Cell 620-727-6964

Date	Sec.	Twp.	Range	County	State	On Location	Finish
10-15-12	11	7	19	Rooks	KS		10:30-11:30
Lease Jackson "A"	Well No. 1		Location Webster 2 1/2 N 1/4 E S into				
Contractor CO TOOLS				Owner			
Type Job Port Collar				To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size		T.D.		Charge To McCoy Petro			
Csg. 4 1/2		Depth		Street			
Tbg. Size 2 3/8		Depth 1526		City			
Tool Port Collar		Depth 1526		State			
Cement Left in Csg.		Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line		Displace		Cement Amount Ordered 300 (20/40) 4% gel			
<b>EQUIPMENT</b>							
Pumptrk	No. 8	Cody		Common 180			
Bulktrk	No. 5	Sean		Poz. Mix 120			
Bulktrk	No.			Gel. 10			
Pickup	No.			Calcium			
<b>JOB SERVICES &amp; REMARKS</b>				Hulls			
Rat Hole				Salt			
Mouse Hole				Flowseal			
Centralizers				Kol-Seal			
Baskets				Mud CLR 48			
D/V or Port Collar				CFL-117 or CD110 CAF 38			
Run 1526' of 2 3/8 tubing - found				Sand			
port collar - Test to 1000psi. +				Handling 310			
check if closed - Held - opened				Mileage 45			
port collar and est circulation				<b>FLOAT EQUIPMENT</b>			
M. red 300 sr and disp 3.9 hbl				Guide Shoe			
of H2O - closed port collar and				Centralizer			
checked to 1000psi - Held - ran				Baskets			
4 sts and washed clean -				AFU Inserts			
Come out of hole				Float Shoe			
				Latch Down			
Cement Did Circulate!				Pumptrk Charge Port Collar			
				Mileage 45			
X Signature <i>Dave Allen</i>				Tax			
				Discount			
				Total Charge			

# QUALITY WELL SERVICE, INC.

5705

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

Heath's Cell 620-727-3410  
Office / Fax 620-672-3663

Rich's Cell 620-727-3409  
Brady's Cell 620-727-6964

Date	10-3-12	Sec.	12	Twp.	7	Range	19	County	Rooks	State	KS	On Location		Finish	5:45 - 6:15p
Lease	Jackson	Well No.	A#1-11		Location Webster KS 3N 1/4E Sinto										
Contractor <u>Murfin #16</u>								Owner							
Type Job <u>Long string</u>								To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Hole Size	<u>7 1/4</u>	T.D.	<u>3590</u>												
Csg.	<u>4 1/2</u>	Depth	<u>3586.27</u>												
Tbg. Size		Depth													
Tool	<u>Port Collar @</u>	Depth	<u>15.28</u>												
Cement Left in Csg.	<u>18.19</u>	Shoe Joint													
Meas Line		Displace	<u>56 3/4</u>												
Cement Amount Ordered <u>160sr Pro-C</u>															
<b>EQUIPMENT</b>															
Pumptrk	No.	<u>8</u>	<u>rod n/eq/ie</u>												
Bulktrk	No.	<u>7</u>	<u>sec n</u>												
Bulktrk	No.														
Pickup	No.														
Common <u>160</u>															
Poz. Mix															
Gel. <u>3</u>															
Calcium															
<b>JOB SERVICES &amp; REMARKS</b>															
Rat Hole <u>30</u>								Hulls							
Mouse Hole <u>15</u>								Salt <u>14</u>							
Centralizers								Flowseal							
Baskets								Kol-Seal <u>800 #</u>							
D/V or Port Collar.								Mud CLR 48							
<u>Run 83 H.S of 4 1/2 116# casing and landing it</u>								CFL-117 or CD110 CAF 38							
								<u>and 250 Gal Mud Flush</u>							
								Handling <u>177</u>							
								Mileage <u>45</u>							
<u>Hook up to mud pump and est circulation</u>								<b>FLOAT EQUIPMENT</b>							
<u>circulate for 45 min</u>								Guide Shoe							
<u>Plug RH &amp; MH</u>								Centralizer <u>6 - 4 1/2</u>							
								Baskets <u>1 - 4 1/2</u>							
								AFU Inserts <u>1 - 4 1/2</u>							
<u>Hook up to 4 1/2 casing and mix</u>								Float Shoe							
<u>15sr pro-c - shut down and wash pump and land clean - Release plug</u>								Latch Down <u>1 - 4 1/2 and plug</u>							
<u>hook up and disp 56 3/4 bbl of pro-c</u>								<u>1 - 4 1/2 Port Collar</u>							
<u>plug landed @ 1300 psi - released and float held</u>								<u>4 1/2 Rotating Head</u>							
								Pumptrk Charge <u>Long string</u>							
								Mileage <u>45</u>							
<u>Thank You!</u>															
X Signature <u>[Signature]</u>															
												Tax			
												Discount			
												Total Charge			