



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1098066
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: _____



1098066

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. 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: <input type="checkbox"/> Yes <input type="checkbox"/> No
----------------	-------	---------	------------	---

Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <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> _____	PRODUCTION INTERVAL: _____ _____
--	---	---

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

October 19, 2012

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

Re: ACO1
API 15-191-22661-00-00
ERSKINE 'B' 1-32
NE/4 Sec.32-31S-03W
Sumner 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
Erskine 'B' #1-32
C NE NE, Section 32-31s-3w
660'FNL & 660'FEL
Sumner County, Kansas
API # 15-191-22661-0000

ACO-1 SUPPLEMENTAL PAGE

SAMPLE TOPS

McCoy Petroleum
Erskine 'B' #1-32
NE NE
Sec 32-31S-3W
KB: 1287'

KB: 1287'	Depth	Datum
Heebner	2639	-1352
Iatan	2952	-1665
Stalnaker	2987	-1700
Kansas City	3274	-1987
Stark	3416	-2129
Cherokee	3729	-2442
Miss. Chert	3927	-2640
Miss. Dolomite	3940	-2653
Kinderhook	4304	-3017
Simpson	4383	-3096
RTD	4390	-3103

LOG TOPS

McCoy Petroleum
Erskine 'B' #1-32
NE NE
Sec 32-31S-3W
KB: 1287'

KB: 1287'	Depth	Datum
Heebner	2634	-1347
Iatan	2946	-1659
Stalnaker	2984	-1693
Kansas City	3268	-1981
Stark	3407	-2120
Cherokee	3720	-2433
Miss. Chert	3922	-2635
Miss. Dolomite	3931	-2644
Kinderhook	4290	-3012
Simpson	4371	-3084
LTD	4378	-3091



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

8080 E. Central Ste.300
Wichita KS 67206

ATTN: Jerry A. Smith

Erskine B #1-32

32-31s-3w Sumner,KS

Start Date: 2012.08.04 @ 15:31:05

End Date: 2012.08.04 @ 23:33:20

Job Ticket #: 47592 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.08.10 @ 16:23:03

McCoy Petroleum Corp.

32-31s-3w Sumner,KS

Erskine B #1-32

DST # 1

Swope & Hertha

2012.08.04



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

McCoy Petroleum Corp.
 8080 E. Central Ste.300
 Wichita KS 67206
 ATTN: Jerry A. Smith

32-31s-3w Sumner,KS
Erskine B #1-32
 Job Ticket: 47592 **DST#: 1**
 Test Start: 2012.08.04 @ 15:31:05

GENERAL INFORMATION:

Formation: **Swope & Hertha**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:18:20
 Time Test Ended: 23:33:20
 Interval: **3410.00 ft (KB) To 3492.00 ft (KB) (TVD)**
 Total Depth: 3492.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gary Pevoteaux
 Unit No: 56
 Reference Elevations: 1287.00 ft (KB)
 1278.00 ft (CF)
 KB to GR/CF: 9.00 ft

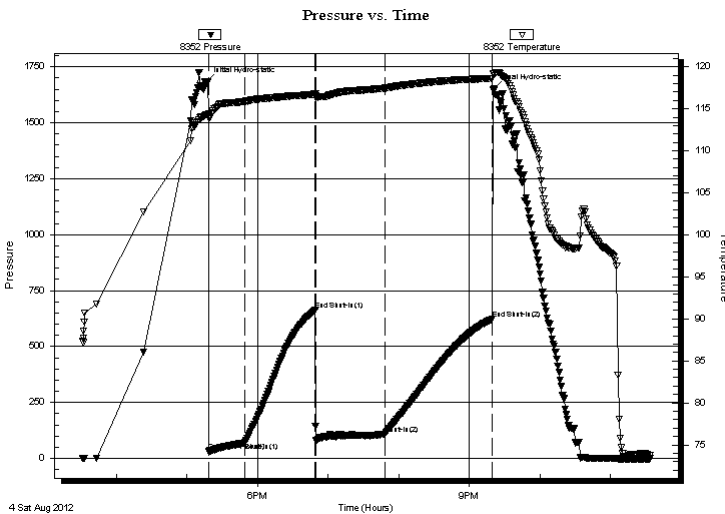
Serial #: 8352

Outside

Press @ Run Depth: 109.68 psig @ 3411.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.04 End Date: 2012.08.04 Last Calib.: 2012.08.04
 Start Time: 15:31:10 End Time: 23:33:19 Time On Btm: 2012.08.04 @ 17:16:50
 Time Off Btm: 2012.08.04 @ 21:20:50

TEST COMMENT: IF: Fair to strong blow . B.O.B. in 12 mins.
 IS: No blow .
 FF: Strong blow . B.O.B. in 10 secs.
 FS: No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1682.52	114.34	Initial Hydro-static
2	32.12	113.91	Open To Flow (1)
33	70.11	115.88	Shut-In(1)
92	663.76	116.74	End Shut-In(1)
93	78.34	116.50	Open To Flow (2)
152	109.68	117.45	Shut-In(2)
243	622.93	118.61	End Shut-In(2)
244	1650.87	119.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	O&WC,GM 6%o 19%w 42%g 33%m	0.59
125.00	SOCGM 3%o 47%g 50%m	0.93
0.00	2170 ft.of 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.

32-31s-3w Sumner,KS

8080 E. Central Ste.300
Wichita KS 67206

Erskine B #1-32

Job Ticket: 47592

DST#: 1

ATTN: Jerry A. Smith

Test Start: 2012.08.04 @ 15:31:05

Tool Information

Drill Pipe:	Length: 3183.00 ft	Diameter: 3.80 inches	Volume: 44.65 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: 24000.00 lb
Drill Collar:	Length: 210.00 ft	Diameter: 2.25 inches	Volume: 1.03 bbl	Weight to Pull Loose: 76000.00 lb
			<u>Total Volume: 45.68 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	3410.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	82.00 ft			
Tool Length:	110.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

C.O. Sub	1.00			3383.00	
Shut in tool	5.00			3388.00	
HMV	5.00			3393.00	
Jars	5.00			3398.00	
Safety Joint	3.00			3401.00	
Packer	4.00			3405.00	28.00 Bottom Of Top Packer
Packer	5.00			3410.00	
Stubb	1.00			3411.00	
Recorder	0.00	8370	Inside	3411.00	
Recorder	0.00	8352	Outside	3411.00	
Perforations	6.00			3417.00	
Blank Spacing	63.00			3480.00	
Perforations	7.00			3487.00	
Bullnose	5.00			3492.00	82.00 Bottom Packers & Anchor

Total Tool Length: 110.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

32-31s-3w Sumner,KS

8080 E. Central Ste.300
Wichita KS 67206

Erskine B #1-32

Job Ticket: 47592

DST#: 1

ATTN: Jerry A. Smith

Test Start: 2012.08.04 @ 15:31:05

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:

19000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.17 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	O&WC,GM 6%o 19%w 42%g 33%m	0.590
125.00	SOCGM 3%o 47%g 50%m	0.934
0.00	2170 ft.of GIP	0.000

Total Length: 245.00 ft Total Volume: 1.524 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

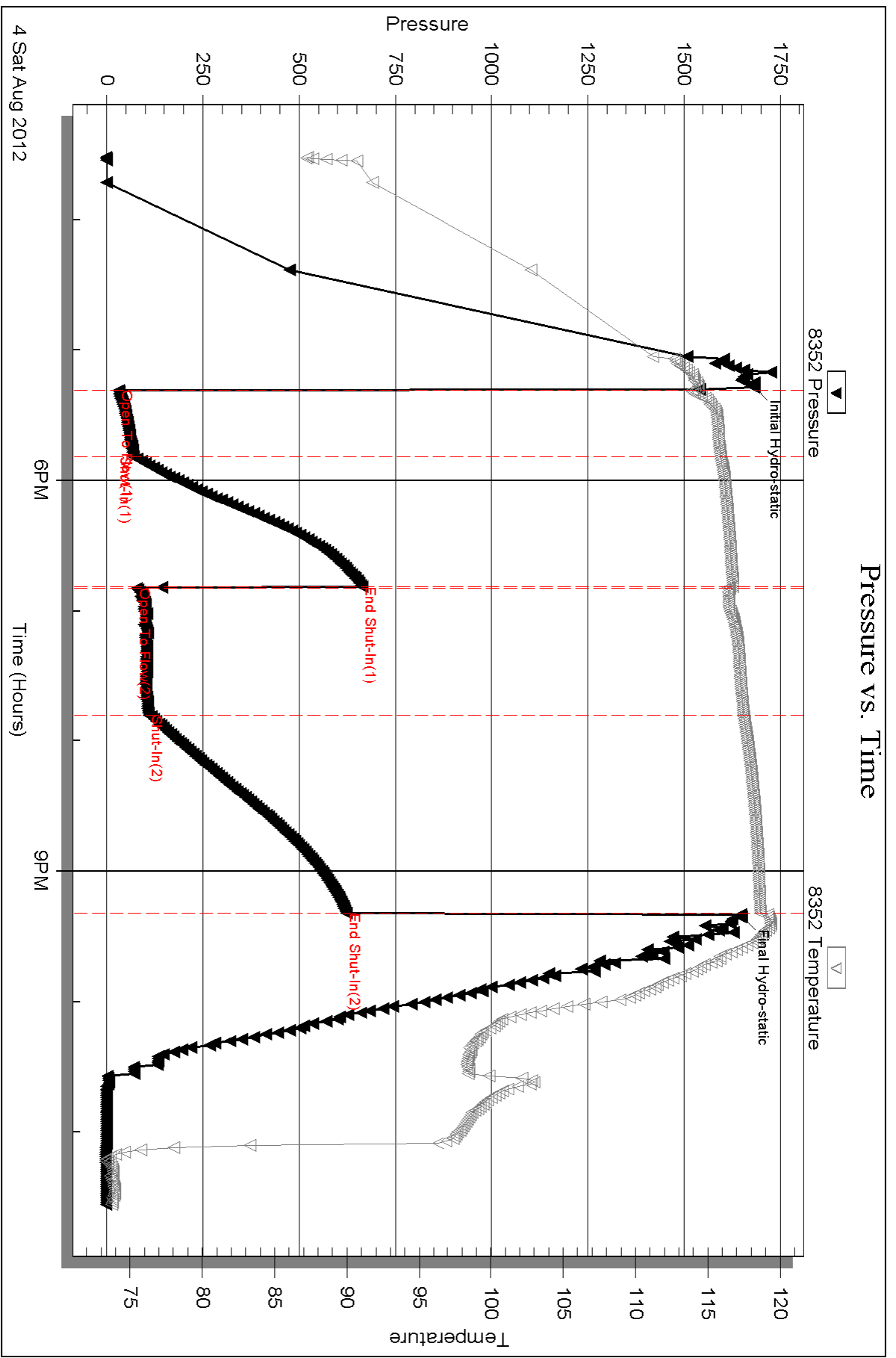
Recovery Comments: Rw .3 ohms @81deg

Serial #: 8352

Outside McCoy Petroleum Corp.

Eskine B#1-32

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 47592

Printed: 2012.08.10 @ 16:23:06

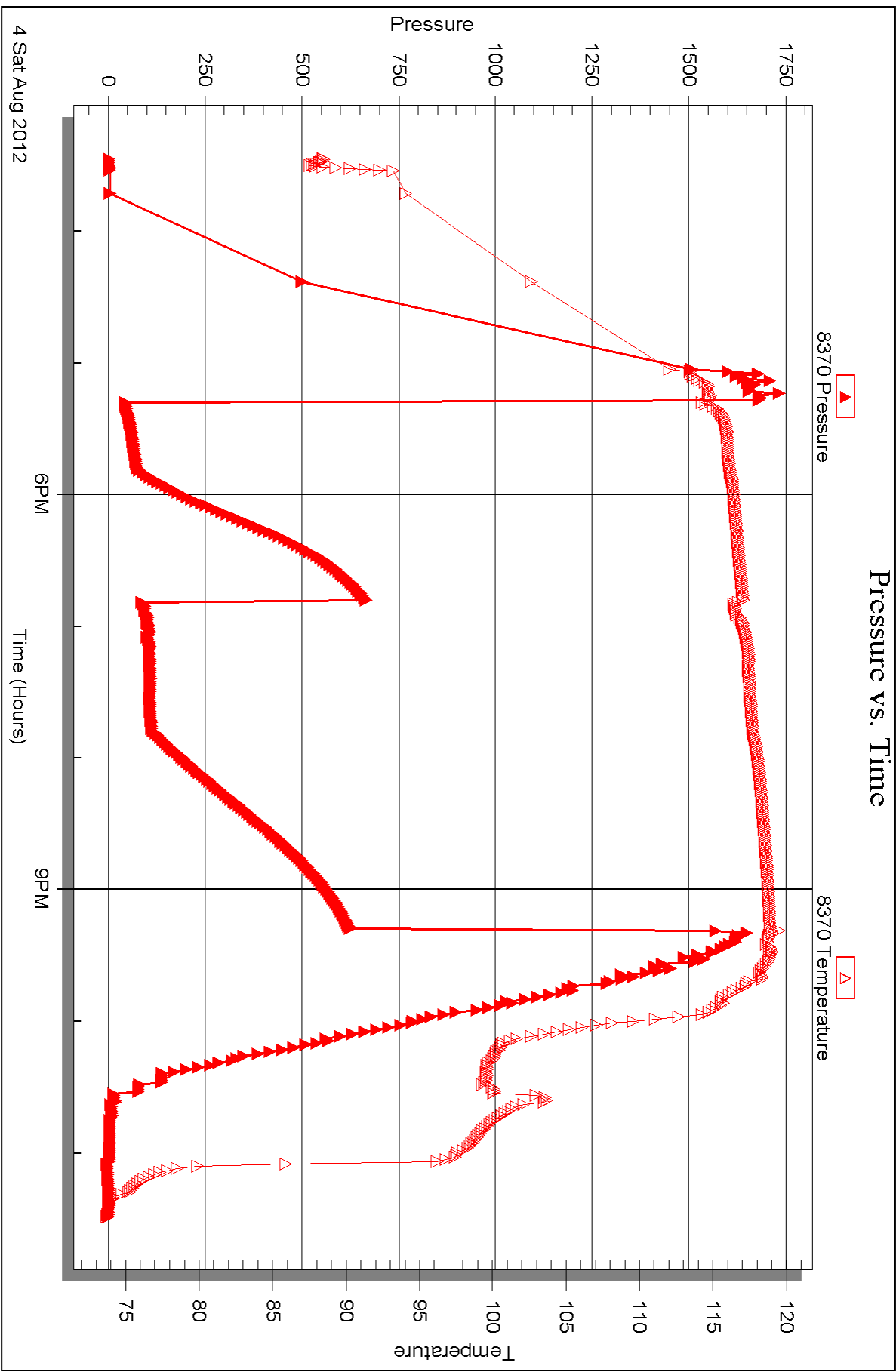
Serial #: 8370

Inside

McCoy Petroleum Corp.

Eskine B #1-32

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

8080 E. Central Ste.300
Wichita KS 67206

ATTN: Jerry A. Smith

Erskine B #1-32

32-31s-3w Sumner,KS

Start Date: 2012.08.06 @ 13:54:49

End Date: 2012.08.06 @ 23:40:34

Job Ticket #: 47593 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.08.10 @ 16:22:11



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

McCoy Petroleum Corp.
 8080 E. Central Ste.300
 Wichita KS 67206
 ATTN: Jerry A. Smith

32-31s-3w Sumner,KS
Erskine B #1-32
 Job Ticket: 47593 **DST#: 2**
 Test Start: 2012.08.06 @ 13:54:49

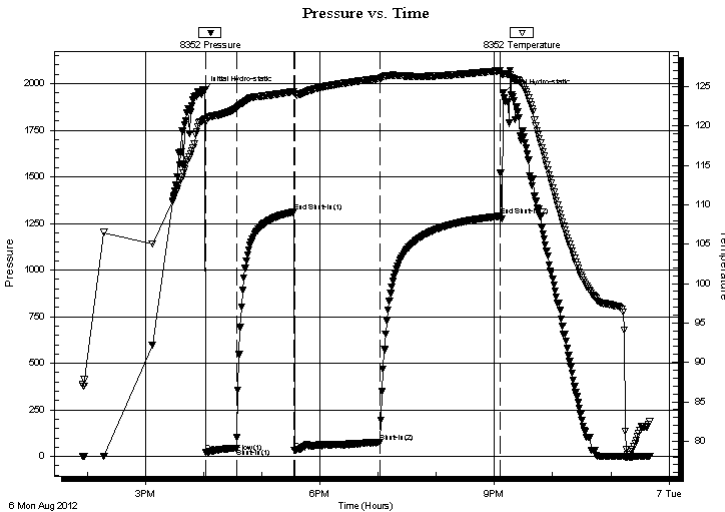
GENERAL INFORMATION:

Formation: **Miss.**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:02:19
 Time Test Ended: 23:40:34
 Interval: **3942.00 ft (KB) To 3958.00 ft (KB) (TVD)**
 Total Depth: 3958.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Gary Pevoteaux
 Unit No: 56
 Reference Elevations: 1287.00 ft (KB)
 1278.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8352 Outside
 Press @ Run Depth: 75.79 psig @ 3943.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.06 End Date: 2012.08.06 Last Calib.: 2012.08.06
 Start Time: 13:54:54 End Time: 23:40:34 Time On Btm: 2012.08.06 @ 15:59:34
 Time Off Btm: 2012.08.06 @ 21:08:49

TEST COMMENT: IF: Strong blow . B.O.B. in 25 secs. GTS in 26 mins.
 IS: No blow .
 FF: Strong blow . (see gas flow report)
 FS: No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1965.28	120.79	Initial Hydro-static
3	21.35	120.63	Open To Flow (1)
34	43.77	122.21	Shut-In (1)
94	1312.23	124.39	End Shut-In (1)
94	33.77	124.06	Open To Flow (2)
183	75.79	126.03	Shut-In (2)
307	1289.62	127.02	End Shut-In (2)
310	1948.47	126.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SMCO 4% m 96% o	0.30
175.00	GOCWM 35% g 30% o 14% w 21% m	1.09

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	8.00	8.38
Last Gas Rate	0.25	5.00	30.78
Max. Gas Rate	0.25	10.00	38.71



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp.

32-31s-3w Sumner,KS

8080 E. Central Ste.300
Wichita KS 67206

Erskine B #1-32

Job Ticket: 47593

DST#: 2

ATTN: Jerry A. Smith

Test Start: 2012.08.06 @ 13:54:49

Tool Information

Drill Pipe:	Length: 3727.00 ft	Diameter: 3.80 inches	Volume: 52.28 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:	24000.00 lb
Drill Collar:	Length: 210.00 ft	Diameter: 2.25 inches	Volume: 1.03 bbl	Weight to Pull Loose:	79000.00 lb
			<u>Total Volume: 53.31 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	3942.00 ft			Final	70000.00 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
------------------	-------------	------------	----------	------------	----------------

C.O. Sub	1.00			3915.00	
Shut in tool	5.00			3920.00	
HMV	5.00			3925.00	
Jars	5.00			3930.00	
Safety Joint	3.00			3933.00	
Packer	4.00			3937.00	28.00 Bottom Of Top Packer
Packer	5.00			3942.00	
Stubb	1.00			3943.00	
Recorder	0.00	8370	Inside	3943.00	
Recorder	0.00	8352	Outside	3943.00	
Perforations	10.00			3953.00	
Bullnose	5.00			3958.00	16.00 Bottom Packers & Anchor

Total Tool Length: 44.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

32-31s-3w Sumner,KS

8080 E. Central Ste.300
Wichita KS 67206

Erskine B #1-32

Job Ticket: 47593

DST#: 2

ATTN: Jerry A. Smith

Test Start: 2012.08.06 @ 13:54:49

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39.4 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

3000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	SMCO 4%m 96%o	0.295
175.00	GOCWM 35%g 30%o 14%w 21%m	1.088

Total Length: 235.00 ft

Total Volume: 1.383 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: GP-2

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

McCoy Petroleum Corp.

32-31s-3w Sumner,KS

8080 E. Central Ste.300
Wichita KS 67206

Erskine B #1-32

Job Ticket: 47593

DST#: 2

ATTN: Jerry A. Smith

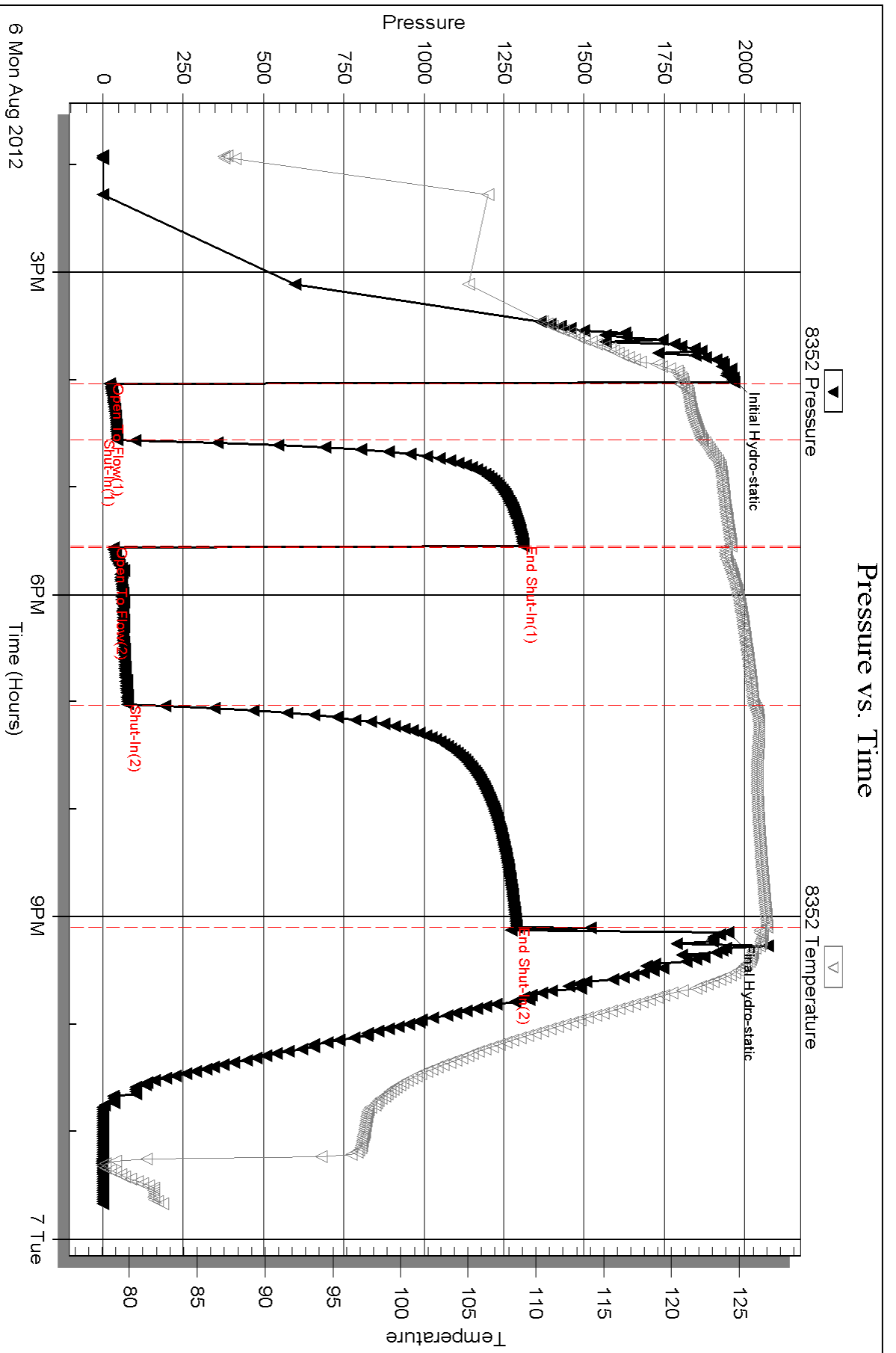
Test Start: 2012.08.06 @ 13:54:49

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
2	10	0.13	8.00	8.38
2	10	0.13	8.00	8.38
2	20	0.25	10.00	38.71
2	30	0.25	8.00	35.54
2	40	0.25	7.00	33.95
2	50	0.25	6.00	32.36
2	60	0.25	6.00	32.36
2	70	0.25	5.00	30.78
2	80	0.25	5.00	30.78



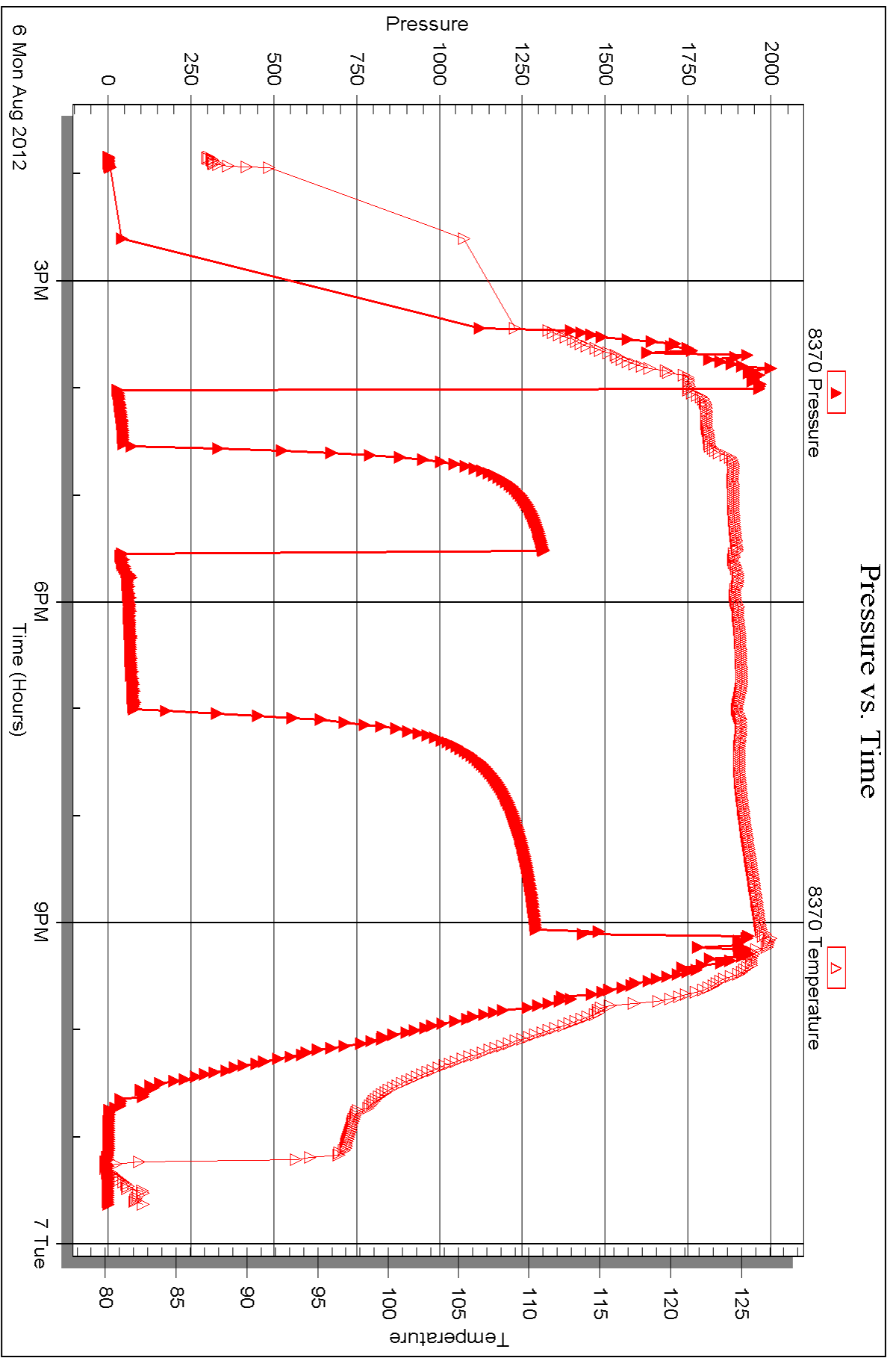
Serial #: 8370

Inside

McCoy Petroleum Corp.

Eskine B #1-32

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

8080 E. Central Ste.300
Wichita KS 67206

ATTN: Jerry A. Smith

Erskine B #1-32

32-31s-3w Sumner,KS

Start Date: 2012.08.08 @ 10:15:23

End Date: 2012.08.08 @ 20:53:46

Job Ticket #: 47594 DST #: 3

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

Printed: 2012.08.10 @ 16:21:29



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

McCoy Petroleum Corp.
8080 E. Central Ste.300
Wichita KS 67206
ATTN: Jerry A. Smith

32-31s-3w Sumner,KS

Erskine B #1-32

Job Ticket: 47594

DST#: 3

Test Start: 2012.08.08 @ 10:15:23

GENERAL INFORMATION:

Formation: **Simpson**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 12:35:08
 Tester: Gary Pevoteaux
 Time Test Ended: 20:53:46
 Unit No: 56
 Interval: **4383.00 ft (KB) To 4390.00 ft (KB) (TVD)**
 Reference Elevations: 1287.00 ft (KB)
 Total Depth: 4390.00 ft (KB) (TVD)
 1278.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 9.00 ft

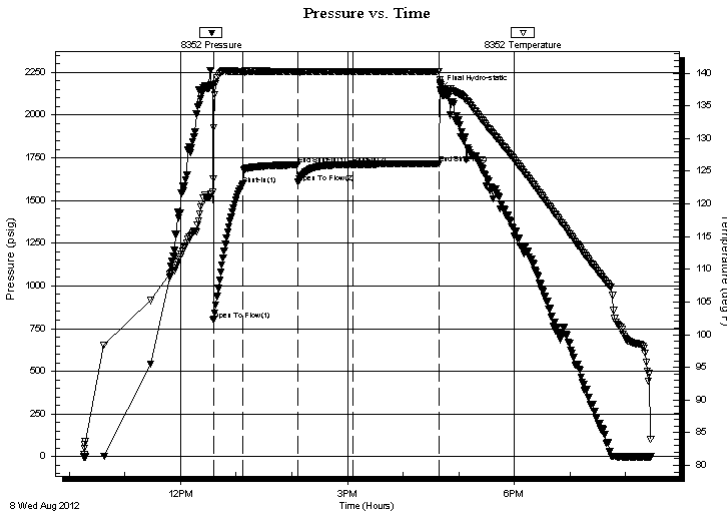
Serial #: 8352

Outside

Press @ Run Depth: 1711.46 psig @ 4384.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.08 End Date: 2012.08.08 Last Calib.: 2012.08.08
 Start Time: 10:15:28 End Time: 20:26:45 Time On Btm: 2012.08.08 @ 12:33:08
 Time Off Btm: 2012.08.08 @ 16:40:08

TEST COMMENT: IF: Strong blow . B.O.B. in 35 secs.
 IS: Weak blow . 3 - 4" decreasing after 45 mins.
 FF: Strong blow . B.O.B. in 2 mins. Decreasing to 2" after 60 mins.
 FS: No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2176.15	121.57	Initial Hydro-static
2	799.16	123.84	Open To Flow (1)
34	1595.09	140.26	Shut-In(1)
93	1709.00	140.27	End Shut-In(1)
93	1606.40	140.22	Open To Flow (2)
153	1711.46	140.26	Shut-In(2)
246	1714.79	140.26	End Shut-In(2)
247	2146.30	138.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3420.00	SW	46.06
160.00	MW 12%m 88%w	2.24
0.00	Trace of GIP	0.00

* 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 Corp.

32-31s-3w Sumner,KS

8080 E. Central Ste.300
Wichita KS 67206

Erskine B #1-32

Job Ticket: 47594

DST#: 3

ATTN: Jerry A. Smith

Test Start: 2012.08.08 @ 10:15:23

Tool Information

Drill Pipe:	Length: 4173.00 ft	Diameter: 3.80 inches	Volume: 58.54 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:	24000.00 lb
Drill Collar:	Length: 210.00 ft	Diameter: 2.25 inches	Volume: 1.03 bbl	Weight to Pull Loose:	102000.0 lb
			<u>Total Volume: 59.57 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial	72000.00 lb
Depth to Top Packer:	4383.00 ft			Final	90000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	7.00 ft				
Tool Length:	35.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

C.O. Sub	1.00			4356.00	
Shut in tool	5.00			4361.00	
HMV	5.00			4366.00	
Jars	5.00			4371.00	
Safety Joint	3.00			4374.00	
Packer	4.00			4378.00	28.00 Bottom Of Top Packer
Packer	5.00			4383.00	
Stubb	1.00			4384.00	
Recorder	0.00	8370	Inside	4384.00	
Recorder	0.00	8352	Outside	4384.00	
Perforations	1.00			4385.00	
Bullnose	5.00			4390.00	7.00 Bottom Packers & Anchor

Total Tool Length: 35.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

32-31s-3w Sumner,KS

8080 E. Central Ste.300
Wichita KS 67206

Erskine B #1-32

Job Ticket: 47594

DST#: 3

ATTN: Jerry A. Smith

Test Start: 2012.08.08 @ 10:15:23

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: 137000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
3420.00	SW	46.061
160.00	MW 12%m 88%w	2.244
0.00	Trace of GIP	0.000

Total Length: 3580.00 ft Total Volume: 48.305 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

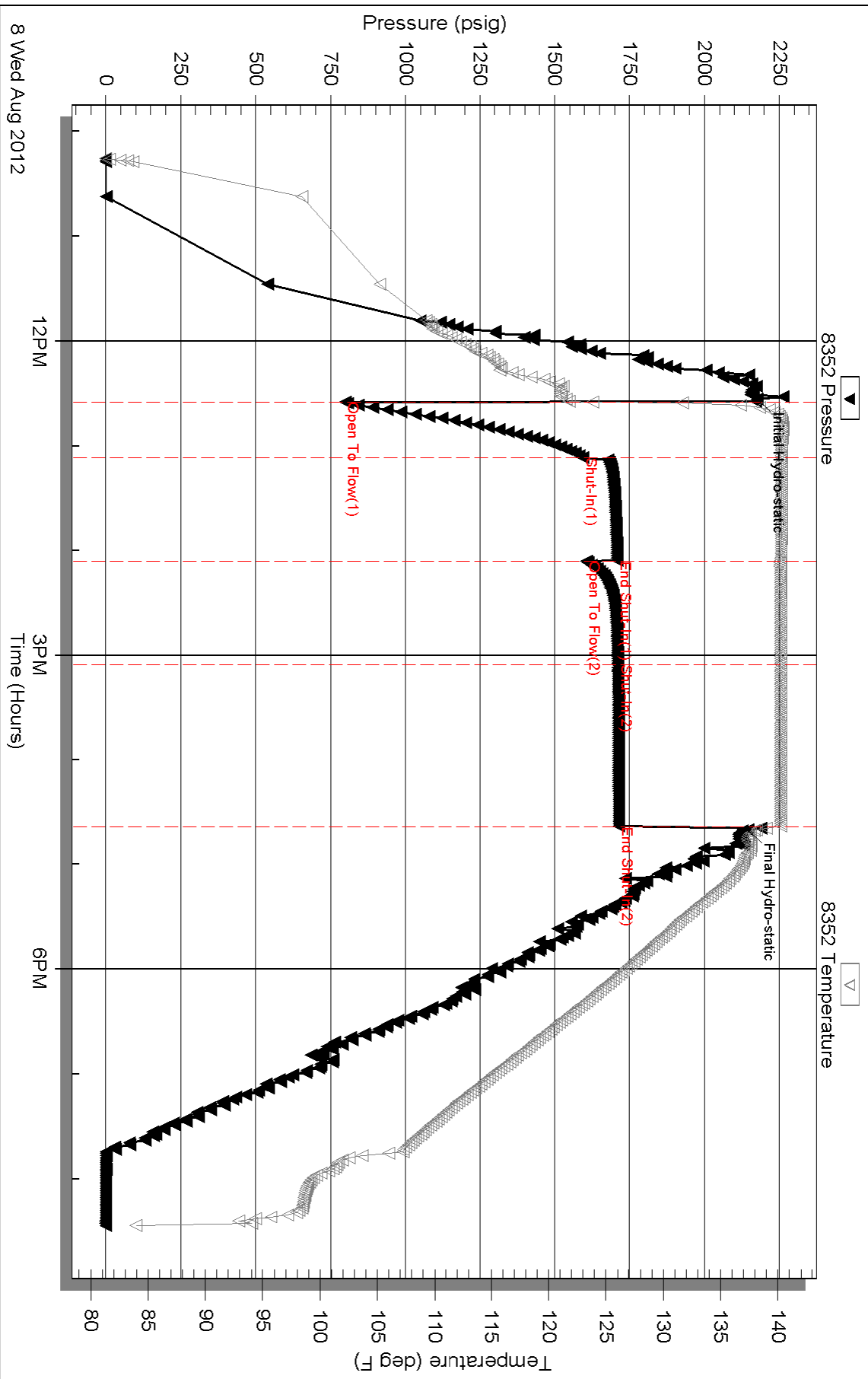
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .04 ohms @104 deg

Pressure vs. Time



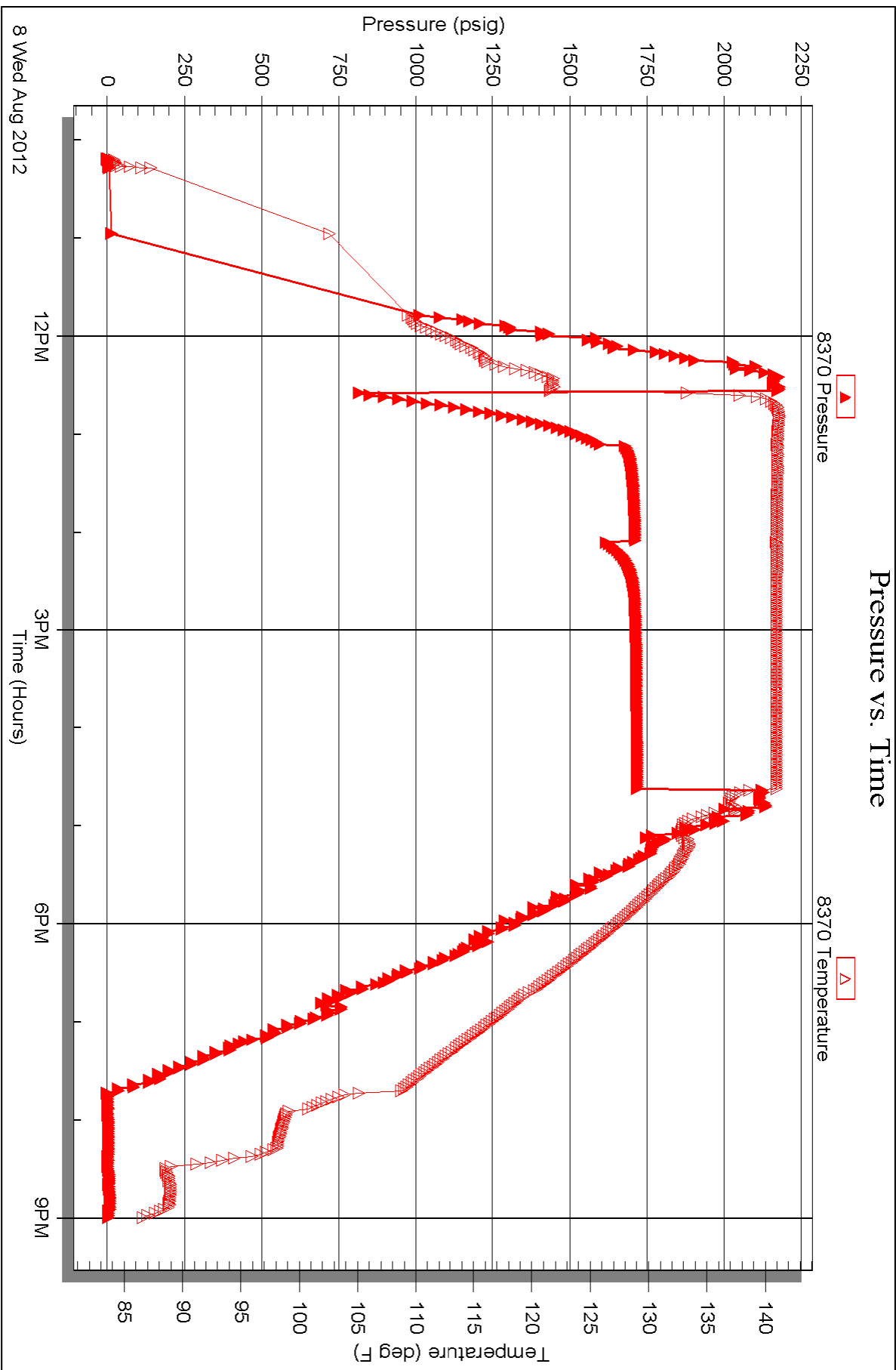
Serial #: 8370

Inside

McCoy Petroleum Corp.

Eskine B #1-32

DST Test Number: 3





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47592

Well Name & No. ERSKINE "B" #1-32 Test No. 1 Date 8-4-12
 Company McCoy Petroleum Corp. Elevation 1287 KB 1278 GL
 Address 2080 E. CENTRAL, STE. 300, WICHITA KS. 67206
 Co. Rep / Geo. JERRY A. SMITH Rig STERLING DRILL #4
 Location: Sec. 32 Twp. 31S Rge. 3W Co. SUMNER State Ks.

Interval Tested 3410 ~ 3492' Zone Tested SWOPE & HERTHA
 Anchor Length 82' Drill Pipe Run 3183' Mud Wt. 9.3
 Top Packer Depth 3405' Drill Collars Run 210' Vis 53
 Bottom Packer Depth 3410' Wt. Pipe Run 0 WL 9.2cc
 Total Depth 3492' Chlorides 3,000 ppm System LCM 0

Blow Description IF: Fair to strong blow. B.O.B. in 12 mins.
ISI: No blow.
FF: Strong blow. B.O.B. in 10 secs. FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
2170	Feet of <u>Cas in pipe</u>				
125	Feet of <u>SOC, GM</u>	47	3		50
120	Feet of <u>SOC, GM O'w/c, GM</u>	42	6	19	33
	Feet of	%gas	%oil	%water	%mud
	Feet of	%gas	%oil	%water	%mud

Rec Total 245 Fluid BHT 119° Gravity N/A API RW .3 @ 81 °F Chlorides 19,000 ppm

(A) Initial Hydrostatic <u>1683</u>	<input checked="" type="checkbox"/> Test 1150	T-On Location <u>1435</u>
(B) First Initial Flow <u>32</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>1531</u>
(C) First Final Flow <u>70</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>1718</u>
(D) Initial Shut-In <u>664</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>2119</u>
(E) Second Initial Flow <u>78</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>2333</u>
(F) Second Final Flow <u>110</u>	<input checked="" type="checkbox"/> Mileage <u>180</u> 279	Comments _____
(G) Final Shut-In <u>623</u>	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>1651</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby	Total <u>1754</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>1754</u>	

Approved By [Signature] Our Representative [Signature]

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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47593

4/10

Well Name & No. ERSKINE B # 1-32 Test No. 2 Date 8-6-12
 Company McCoy PETL. CORP. Elevation 1287 KB 1278 GL
 Address 9080 E. CENTRAL, STE. 300, WICHITA KS. 67206
 Co. Rep / Geo. JERRY A. SMITH Rig STERLING DRILL #4
 Location: Sec. 32 Twp. 31 S Rge. 3 W Co. SUMNER State Ks.

Interval Tested 3942 - 3958' Zone Tested MISS.
 Anchor Length 16' Drill Pipe Run 3727' Mud Wt. 9.3
 Top Packer Depth 3937' Drill Collars Run 210' Vis 49
 Bottom Packer Depth 3942' Wt. Pipe Run 0 WL 9.6 cc
 Total Depth 3958' Chlorides 3,000 ppm System LCM 3#

Blow Description IF: Strong blow, B.O.B. in 25 secs. ~~ISI: No blow~~
GTS in 26 mins. ISI: No blow
FF: Strong blow. (see gas flow report) FSI: No blow

Rec	Feet of	%gas	%oil	%water	%mud
175	<u>GOCWM</u>	<u>35</u>	<u>30</u>	<u>14</u>	<u>21</u>
60	<u>SMCO</u>		<u>96</u>		<u>4</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 235 BHT 127° Gravity 39.4 API RW NK @ °F Chlorides 3,000 ppm

(A) Initial Hydrostatic 1965 Test 1150 T-On Location 1335
 (B) First Initial Flow 21 Jars 250 T-Started 1354
 (C) First Final Flow 44 Safety Joint 75 T-Open 1602
 (D) Initial Shut-In 1312 Circ Sub _____ T-Pulled 2104
 (E) Second Initial Flow 34 Hourly Standby 100 T-Out 2340
 (F) Second Final Flow 76 Mileage (180) 279 Comments _____
 (G) Final Shut-In 1290 Sampler _____
 (H) Final Hydrostatic 1948 Straddle _____
 Shale Packer _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30
 Initial Shut-In 60
 Final Flow 90
 Final Shut-In 120

Sub Total 1854

MP/DST Disc't _____

Approved By [Signature] Our Representative [Signature]

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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47594

4/10

Well Name & No. ERSKINE B #1-32 Test No. 3 Date 8-8-12
 Company McCoy PETE CORP. Elevation 1287 KB 1278 GL
 Address 8080 E. CENTRAL, STE. 300, WICHITA KS. 67206
 Co. Rep / Geo. JERRY A. SMITH Rig STERLING DRILL #4
 Location: Sec. 32 Twp. 31S Rge. 3W Co. SUMNER State Ks.

Interval Tested 4383 ~ 4390 Zone Tested SIMPSON
 Anchor Length 7' Drill Pipe Run 4123' Mud Wt. 9.3
 Top Packer Depth 4378' Drill Collars Run 210' Vis 54
 Bottom Packer Depth 4383' Wt. Pipe Run 0 WL 9.2cc
 Total Depth 4390 Chlorides 3,000 ppm System LCM 4#

Blow Description IF: Strong blow. B.O.B. in 35 sec. ISI: Weak below. 3-4" decreasing after 45 mins.
FF: Strong blow. B.O.B. in 2 mins. Decreasing to 2" after 60 mins.
FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>Trace</u>	<u>Gas in pipe</u>				<u>FF</u>
<u>160</u>	<u>MW</u>			<u>88</u>	<u>12</u>
<u>3420</u>	<u>SW</u>				
<u>3580</u>					
Rec Total	<u>3580 Fluid</u>	Gravity <u>N/A</u>	API RW <u>.04</u>	@ <u>104° F</u>	Chlorides <u>137,000</u> ppm

(A) Initial Hydrostatic	<u>2176</u>	<input checked="" type="checkbox"/> Test	<u>1250</u>	T-On Location	<u>0953</u>
(B) First Initial Flow	<u>799</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>1015</u>
(C) First Final Flow	<u>1595</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>1235</u>
(D) Initial Shut-In	<u>1709</u>	<input type="checkbox"/> Circ Sub		T-Pulled	<u>1634</u>
(E) Second Initial Flow	<u>1606</u>	<input checked="" type="checkbox"/> Hourly Standby	<u>50</u>	T-Out	<u>2036</u>
(F) Second Final Flow	<u>1711</u>	<input checked="" type="checkbox"/> Mileage	<u>130</u> 279	Comments	
(G) Final Shut-In	<u>1715</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>2146</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	
Initial Open	<u>30</u>	<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Packer	
Initial Shut-In	<u>60</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies	
Final Flow	<u>60</u>	<input type="checkbox"/> Extra Recorder		Sub Total	<u>0</u>
Final Shut-In	<u>90</u>	<input type="checkbox"/> Day Standby		Total	<u>1904</u>
		<input type="checkbox"/> Accessibility		MP/DST Disc't	
		Sub Total	<u>1904</u>		

Approved By [Signature] Our Representative [Signature]

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.

5612

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	7-31-12	Sec.	32	Twp.	31	Range	3	County	Sumner	State	KS	On Location		Finish	2:45am-3:15
Lease	Erskine "B"			Well No.	1-32			Location	Supersville, KS 10 1/2 S 6 1/2 E Sinter						
Contractor	Sterling Drilling							Owner	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.						
Type Job	Surface							Charge To	McCoy Petroleum						
Hole Size	12 1/8			T.D.	270			Street							
Csg.	8 5/8			Depth	266.77			City	State						
Tbg. Size				Depth				The above was done to satisfaction and supervision of owner agent or contractor.							
Tool				Shoe Joint				Cement Amount Ordered	250x com 3%CC 2%ge						
Cement Left in Csg.	20ft			Displace	15.71										
Meas Line															
EQUIPMENT															
Pumptrk No.	8			Cody			1/4 # F16								
Bulktrk No.	4			m. ke			Common 150								
Bulktrk No.							Poz. Mix 150								
Pickup No.							Gel. 4								
								Calcium 9							
JOB SERVICES & REMARKS								Hulls							
Rat Hole								Salt							
Mouse Hole								Flowseal 6.300							
Centralizers								Kol-Seal							
Baskets								Mud CLR 48							
D/V or Port Collar								CFL-117 or CD110 CAF 38							
Ran 6 hrs of 8 5/8 casing & landing 1+								Sand							
								Handling 263							
								Mileage							
Est Circulation with mud pump								FLOAT EQUIPMENT							
								Guide Shoe							
Hooked up and mixed 250x								Centralizer							
Released plug and disp w/ 15.71661 H2O - shut in @ 300 psi								Baskets							
								AFU Inserts							
								Float Shoe							
								Latch Down							
Cement did circulate!															
								Pumptrk Charge Surface							
								Mileage							
Thank You!!															
Signature								Tax							
								Discount							
								Total Charge							

QUALITY WELL SERVICE, INC.

5621

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 8-9-12	Sec. 32	Twp. 31	Range 3	County Swanton	State KS	On Location	Finish 3:15-3:45P
Lease Erskine "B"		Well No. 1-32		Location Supplyville KS 10 1/2 S 6 1/2 E S10			
Contractor Sterling Drilling				Owner			
Type Job Long string				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 7 7/8		T.D. 4390		Charge To McCoy Petroleum			
Csg. 5 1/2		Depth 4383.73		Street			
Tbg. Size		Depth		City State			
Tool		Depth		City State			
Cement Left in Csg. 42.15		Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line		Displace 103.5		Cement Amount Ordered 230sy Pro-C			
EQUIPMENT							
Pumptrk No. 2	Cody		Common 230				
Bulktrk No. 10	Dow. &		Poz. Mix				
Bulktrk No.			Gel. 4				
Pickup No.			Calcium				
JOB SERVICES & REMARKS							
Rat Hole 30 sy				Hulls			
Mouse Hole				Salt 20			
Centralizers				Flowseal			
Baskets				Kol-Seal 21			
D/V or Port Collar				Mud CLR 48			
200 104 JIS of 5 1/2 - 15.5# casing and landing w/ with two turbolizers on #1, 8, 10, 21, 23, 25 and a basket on #18				CFL-117 or CD110 CAF 38			
				Sand			
				Handling 275			
				Mileage 75			
FLOAT EQUIPMENT							
hooked up and circulated for hr				Guide Shoe			
				Centralizer 10-turbo			
				Baskets 1-5 1/2			
used up and mixed 750 gal of mud flush - plug rat hole and hook back up to 5 1/2 and mix 200 sy and two knock loose and wash pump and was clean - hook up and disp 103.5 bbl of H2O - plug landed @ 1500ps - released and float held				AFU Inserts two			
				Float Shoe 1-5 1/2			
				Latch Down 1-5 1/2			
				750 gal mud flush			
				Pumptrk Charge Long string			
				Mileage 75			
				Tax			
				Discount			
				Total Charge			
Signature <i>[Signature]</i> Thank You!							