



Confidentiality Requested:

Yes No

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: _____



1132438

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: 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

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> _____ <i>(Submit ACO-4)</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

April 10, 2013

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

Re: ACO1
API 15-097-21746-00-00
HILL 'A' #2-23
SW/4 Sec.23-30S-19W
Kiowa 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
Hill 'A' #2-23
990'FSL & 1980'FWL
Sec 23-30s-19w
KB: 2248'

SAMPLE TOPS

	Depth	Datum
LeCompton	4036	-1788
Queen Hill	4070	-1822
Heebner	4245	-1997
Brown Lime	4434	-2186
Lansing	4456	-2208
Stark	4782	-2534
Hushpuckney	4833	-2585
Marmaton	4921	-2673
Pawnee	4961	-2713
Cherokee	5008	-2760
Mississippian	5070	-2822
Spergen	5110	-2862
Warsaw	5135	-2887
RTD	5240	-2992

LOG TOPS

	Depth	Datum
Lecompton B	4034	-1786
Queen Hill	4068	-1820
Hushpuckney	4836	-2388
Marmaton	4922	-2674
Pawnee	4965	-2717
Cherokee	5005	-2757
Miss	5072	-2824
Spergen por	5107	-2859
Warsaw	5134	-2886
LTD	5241	-2993



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8080 E Central Ste 300
Wichita KS 67206 + 2366

ATTN: Scott Hampel

Hill "A" #2-23

23-30s-19w Kiowa,KS

Start Date: 2013.03.13 @ 09:18:08

End Date: 2013.03.13 @ 19:15:38

Job Ticket #: 48506 DST #: 1

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

Printed: 2013.03.19 @ 14:33:58



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

McCoy Petroleum Corporation

23-30s-19w Kiowa,KS

8080 E Central Ste 300
Wichita KS 67206 + 2366

Hill "A" #2-23

Job Ticket: 48506

DST#: 1

ATTN: Scott Hampel

Test Start: 2013.03.13 @ 09:18:08

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:38:08

Time Test Ended: 19:15:38

Test Type: Conventional Bottom Hole (Initial)

Tester: Jeff Brown

Unit No: 44

Interval: 5076.00 ft (KB) To 5128.00 ft (KB) (TVD)

Reference Elevations: 2248.00 ft (KB)

Total Depth: 5128.00 ft (KB) (TVD)

2237.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8167 Inside

Press @ Run Depth: 227.76 psig @ 5112.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.03.13

End Date:

2013.03.13

Last Calib.:

2013.03.13

Start Time: 09:18:13

End Time:

19:12:38

Time On Btm:

2013.03.13 @ 11:36:08

Time Off Btm:

2013.03.13 @ 15:41:08

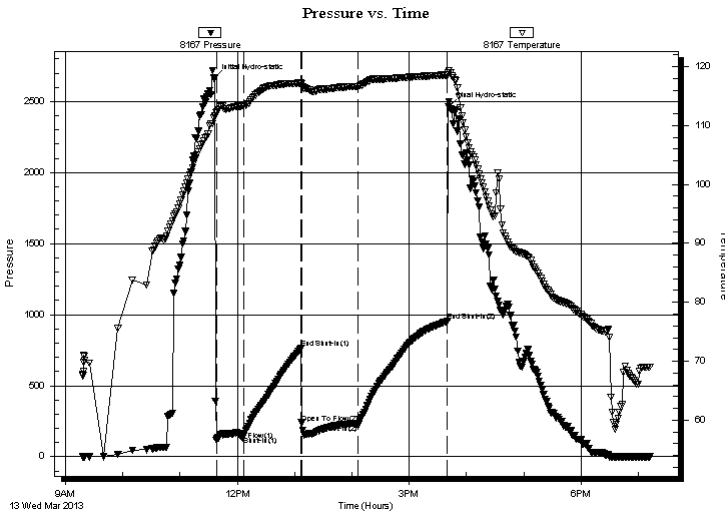
TEST COMMENT: IFP=Strong blow BOB in 15 sec Gas to surface in 18 min

ISI=Good Blow BOB in 52 min

FFP=Strong blow BOB in 30 sec

FSI=Strong blow BOB in 1 1/2 in

PRESSURE SUMMARY



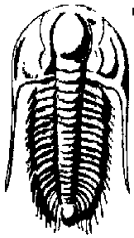
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2664.44	111.65	Initial Hydro-static
2	117.01	112.07	Open To Flow (1)
31	147.12	113.36	Shut-In(1)
91	761.96	117.22	End Shut-In(1)
91	239.65	117.10	Open To Flow (2)
151	227.76	116.66	Shut-In(2)
244	953.34	118.59	End Shut-In(2)
245	2463.48	119.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
248.00	GWMCO 20%G 10%M 5%W 65%O	1.22
66.00	SOCM 5%O 95%M	0.93
126.00	MCGO 20%G 15%M 65%O	1.77
0.00	4620-GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	40.00	364.94
Last Gas Rate	0.50	2.00	108.61
Max. Gas Rate	0.50	40.00	364.94



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

McCoy Petroleum Corporation
 8080 E Central Ste 300
 Wichita KS 67206 + 2366
 ATTN: Scott Hampel

23-30s-19w Kiowa, KS

Hill "A" #2-23

Job Ticket: 48506

DST#: 1

Test Start: 2013.03.13 @ 09:18:08

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:38:08

Time Test Ended: 19:15:38

Test Type: Conventional Bottom Hole (Initial)

Tester: Jeff Brown

Unit No: 44

Interval: 5076.00 ft (KB) To 5128.00 ft (KB) (TVD)

Reference Elevations: 2248.00 ft (KB)

Total Depth: 5128.00 ft (KB) (TVD)

2237.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 6625 Outside

Press @ RunDepth: psig @ 5112.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.03.13

End Date: 2013.03.13

Last Calib.: 2013.03.13

Start Time: 09:18:14

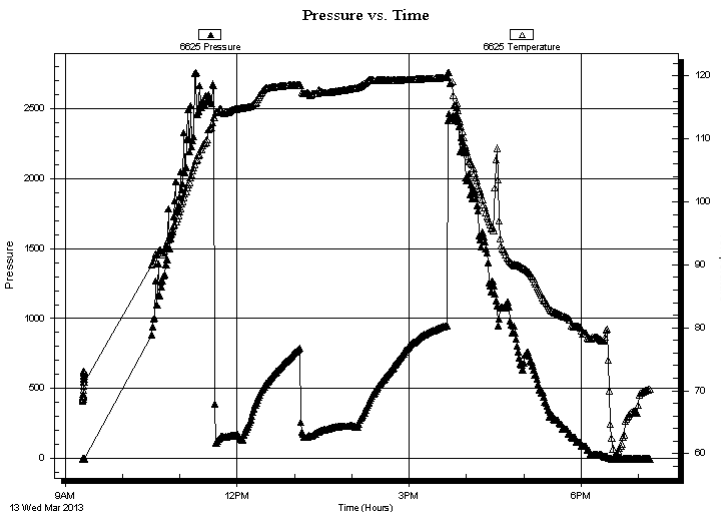
End Time: 19:12:23

Time On Btm:

Time Off Btm:

TEST COMMENT: IFP=Strong blow BOB in 15 sec Gas to surface in 18 min
 ISI=Good Blow BOB in 52 min
 FFP=Strong blow BOB in 30 sec
 FSI=Strong blow BOB in 1 1/2 in

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
248.00	GWMCO 20%G 10%M 5%W 65%O	1.22
66.00	SOCM 5%O 95%M	0.93
126.00	MCGO 20%G 15%M 65%O	1.77
0.00	4620-GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	40.00	364.94
Last Gas Rate	0.50	2.00	108.61
Max. Gas Rate	0.50	40.00	364.94



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

McCoy Petroleum Corporation

23-30s-19w Kiowa, KS

8080 E Central Ste 300
Wichita KS 67206 + 2366

Hill "A" #2-23

Job Ticket: 48506

DST#: 1

ATTN: Scott Hampel

Test Start: 2013.03.13 @ 09:18:08

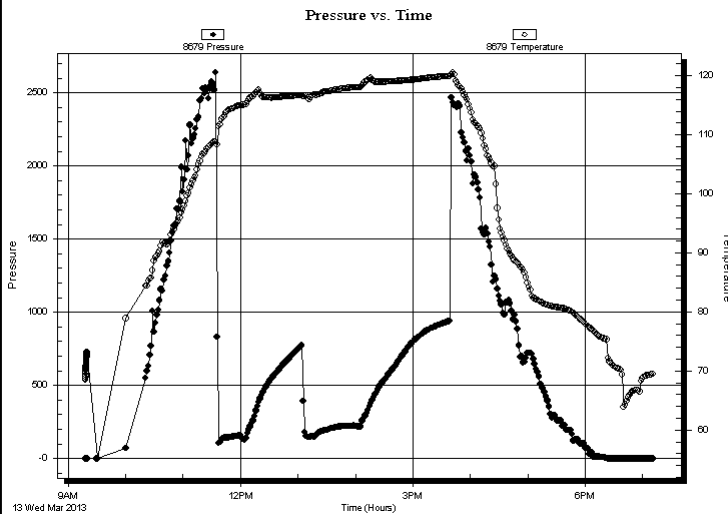
GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 11:38:08 Tester: Jeff Brown
 Time Test Ended: 19:15:38 Unit No: 44
 Interval: **5076.00 ft (KB) To 5128.00 ft (KB) (TVD)** Reference Elevations: 2248.00 ft (KB)
 Total Depth: 5128.00 ft (KB) (TVD) 2237.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 11.00 ft

Serial #: 8679

Press @ Run Depth: psig @ ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.03.13 End Date: 2013.03.13 Last Calib.: 2013.03.13
 Start Time: 09:18:12 End Time: 19:10:41 Time On Btm:
 Time Off Btm:

TEST COMMENT: IFP=Strong blow BOB in 15 sec Gas to surface in 18 min
 ISL=Good Blow BOB in 52 min
 FFP=Strong blow BOB in 30 sec
 FSL=Strong blow BOB in 1 1/2 in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
248.00	GWMCO 20%G 10%M 5%W 65%O	1.22
66.00	SOCM 5%O 95%M	0.93
126.00	MCGO 20%G 15%M 65%O	1.77
0.00	4620-GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	40.00	364.94
Last Gas Rate	0.50	2.00	108.61
Max. Gas Rate	0.50	40.00	364.94



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corporation

23-30s-19w Kiowa,KS

8080 E Central Ste 300
Wichita KS 67206 + 2366

Hill "A" #2-23

Job Ticket: 48506

DST#: 1

ATTN: Scott Hampel

Test Start: 2013.03.13 @ 09:18:08

Tool Information

Drill Pipe:	Length: 4812.00 ft	Diameter: 3.80 inches	Volume: 67.50 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 88000.00 lb
			<u>Total Volume: 68.72 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	5076.00 ft			Final 83000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.00 ft			
Tool Length:	80.00 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			5049.00	
Shut In Tool	5.00			5054.00	
Hydraulic tool	5.00			5059.00	
Jars	5.00			5064.00	
Safety Joint	3.00			5067.00	
Packer	4.00			5071.00	28.00 Bottom Of Top Packer
Packer	5.00			5076.00	
Stubb	1.00			5077.00	
Perforations	2.00			5079.00	
Change Over Sub	1.00			5080.00	
Drill Pipe	31.00			5111.00	
Change Over Sub	1.00			5112.00	
Recorder	0.00	6625	Outside	5112.00	
Recorder	0.00	8167	Inside	5112.00	
Perforations	13.00			5125.00	
Bullnose	3.00			5128.00	52.00 Bottom Packers & Anchor
Total Tool Length:	80.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporation

23-30s-19w Kiowa,KS

8080 E Central Ste 300
Wichita KS 67206 + 2366

Hill "A" #2-23

Job Ticket: 48506

DST#: 1

ATTN: Scott Hampel

Test Start: 2013.03.13 @ 09:18:08

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: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.56 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 8000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
248.00	GWMCO 20%G 10%M 5%W 65%O	1.220
66.00	SOCM 5%O 95%M	0.926
126.00	MCGO 20%G 15%M 65%O	1.767
0.00	4620-GIP	0.000

Total Length: 440.00 ft Total Volume: 3.913 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

McCoy Petroleum Corporation

23-30s-19w Kiowa,KS

8080 E Central Ste 300
Wichita KS 67206 + 2366

Hill "A" #2-23

Job Ticket: 48506

DST#: 1

ATTN: Scott Hampel

Test Start: 2013.03.13 @ 09:18:08

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)
1	23	0.50	40.00	364.94
1	28	0.50	17.00	209.79
2	30	0.25	14.00	44.58
2	40	0.25	13.00	42.99
2	52	0.50	7.00	142.33
2	54	0.50	2.00	108.61

Serial #: 8167

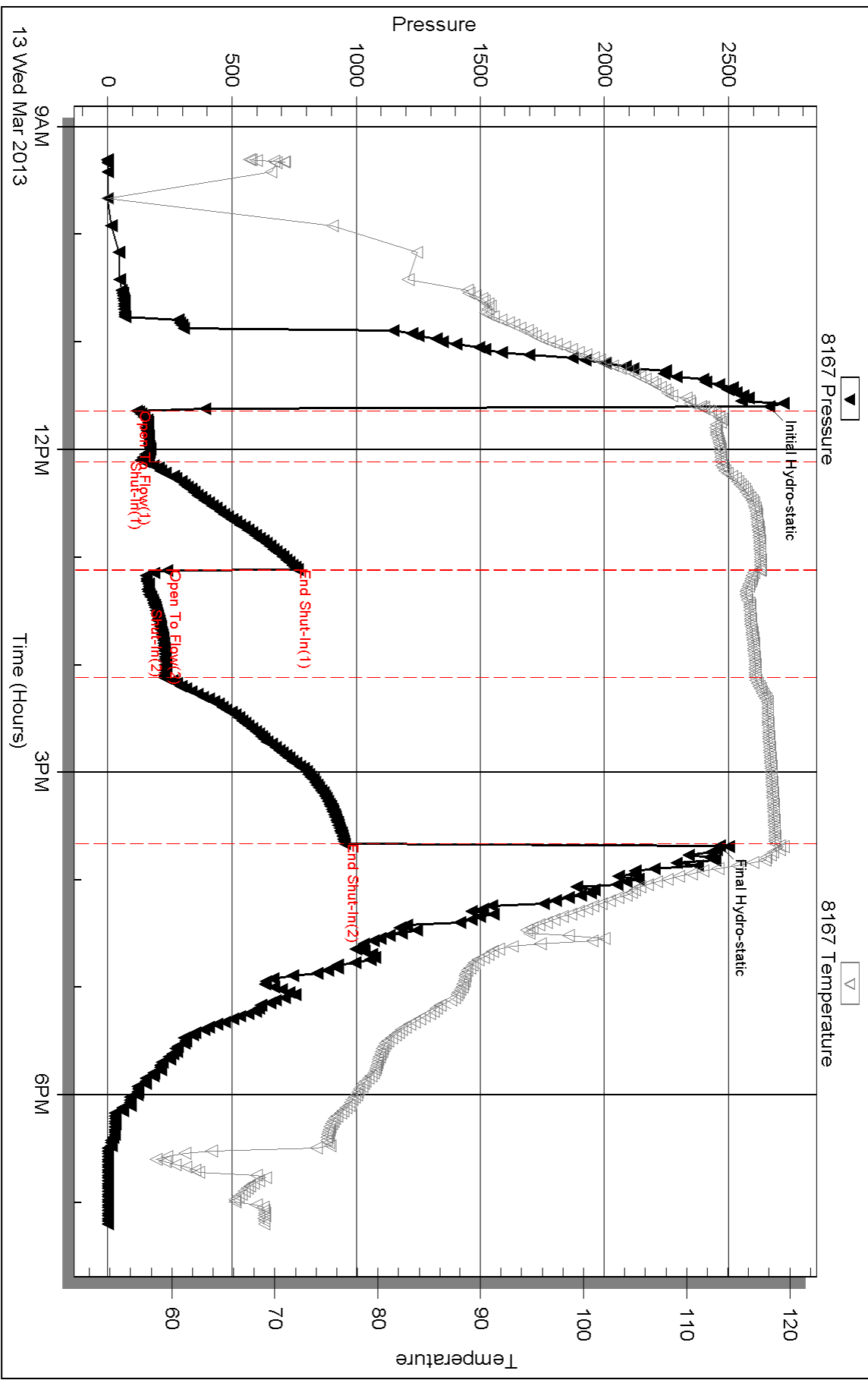
Inside

McCoy Petroleum Corporation

Hill "A" #2-23

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 48506

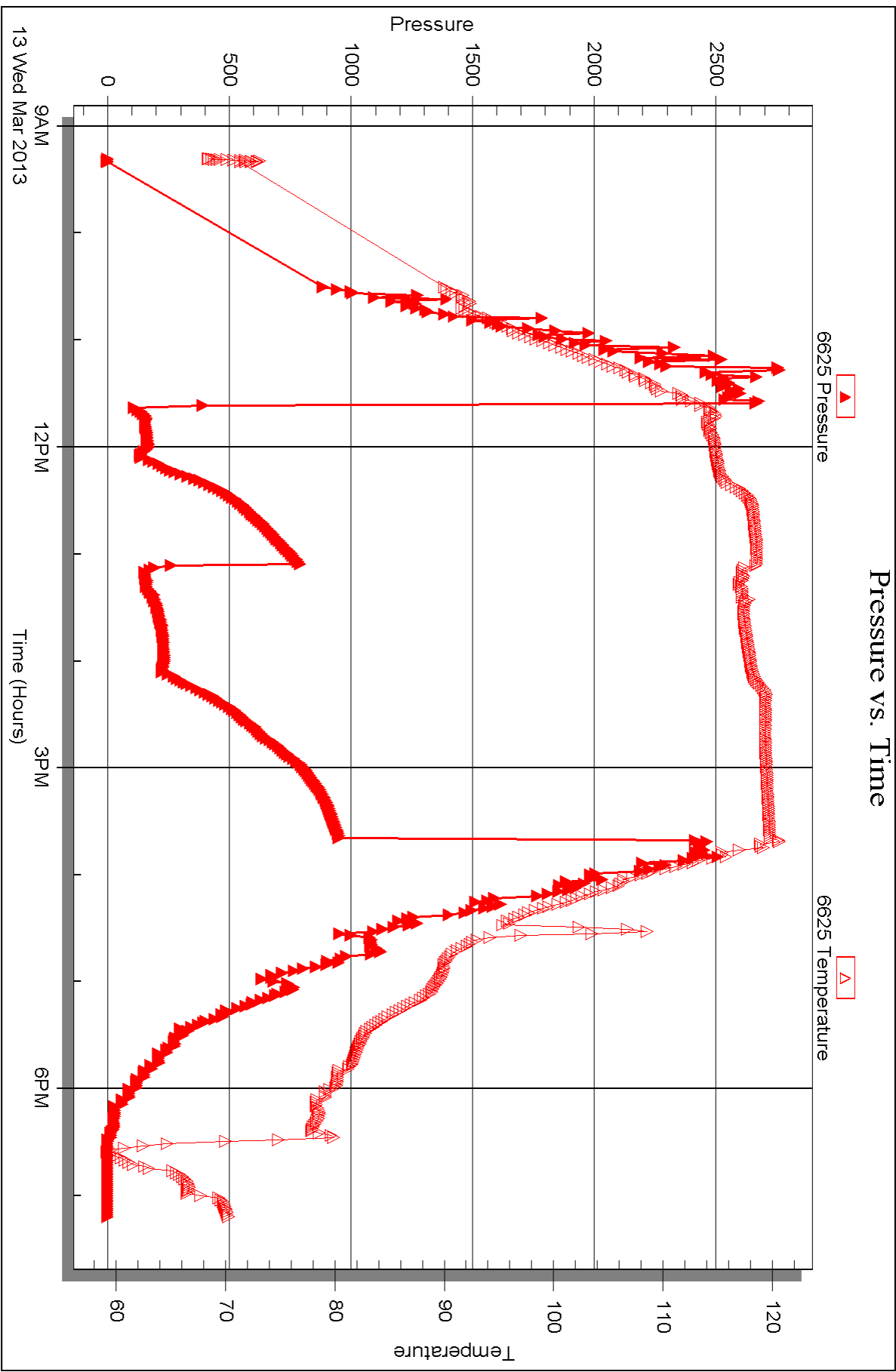
Printed: 2013.03.19 @ 14:34:01

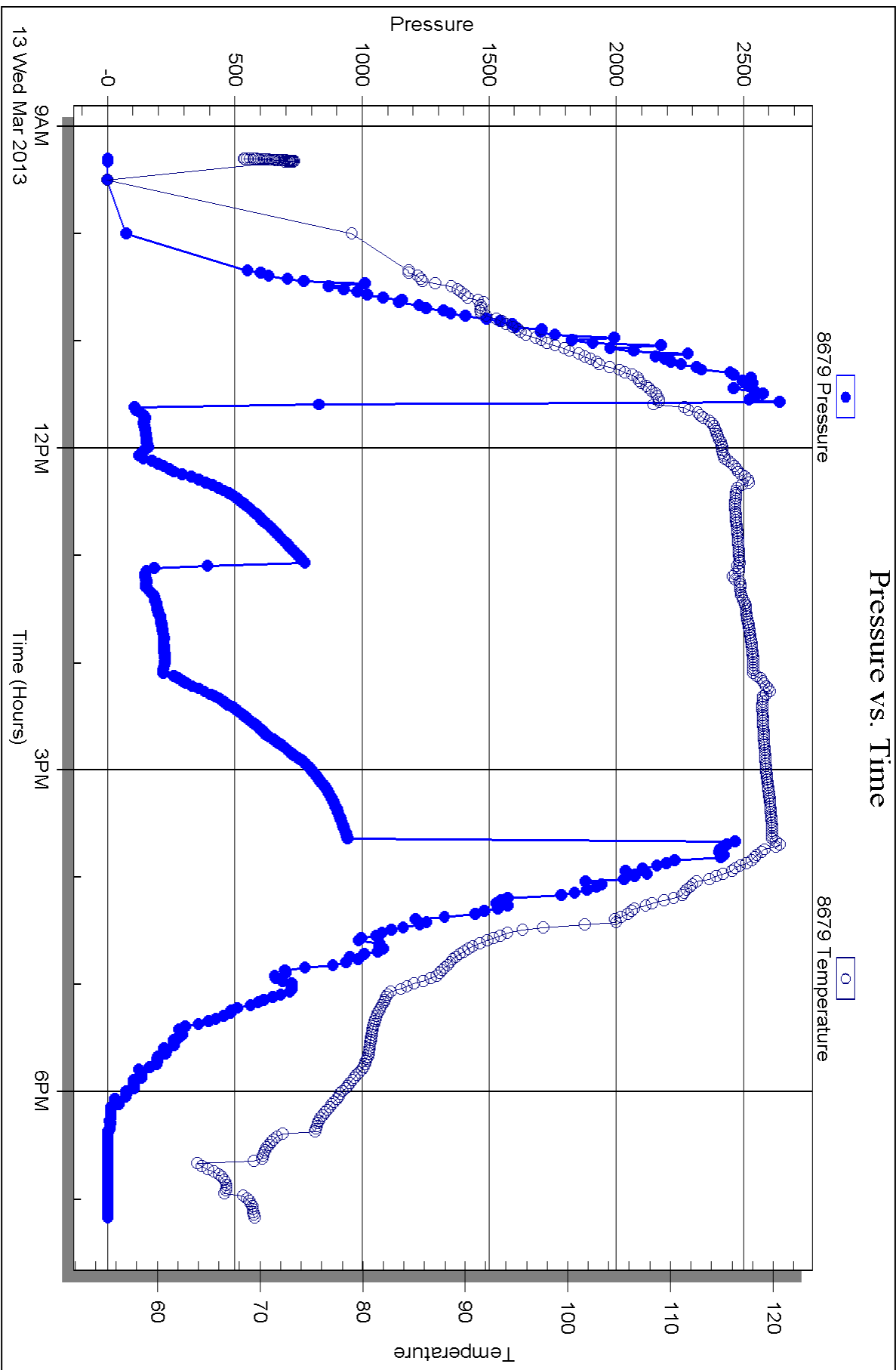
Serial #: 6625

Outside McCoy Petroleum Corporation

Hill "A" #2-23

DST Test Number: 1







DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8080 E Central Ste 300
Wichita KS 67206 + 2366

ATTN: Scott Hampel

Hill "A" #2-23

23-30s-19w Kiowa,KS

Start Date: 2013.03.14 @ 04:22:01

End Date: 2013.03.14 @ 13:29:15

Job Ticket #: 50900 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.03.19 @ 14:50:31



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

McCoy Petroleum Corporation

23-30s-19w Kiowa,KS

8080 E Central Ste 300
Wichita KS 67206 + 2366

Hill "A" #2-23

Job Ticket: 50900

DST#: 2

ATTN: Scott Hampel

Test Start: 2013.03.14 @ 04:22:01

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:50:30

Time Test Ended: 13:29:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Jimmy Ricketts

Unit No: 45

Interval: 5135.00 ft (KB) To 5145.00 ft (KB) (TVD)

Reference Elevations: 2248.00 ft (KB)

Total Depth: 5145.00 ft (KB) (TVD)

2237.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 6798 Inside

Press @ Run Depth: 52.50 psig @ 5142.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.03.14

End Date:

2013.03.14

Last Calib.: 2013.03.14

Start Time: 04:22:01

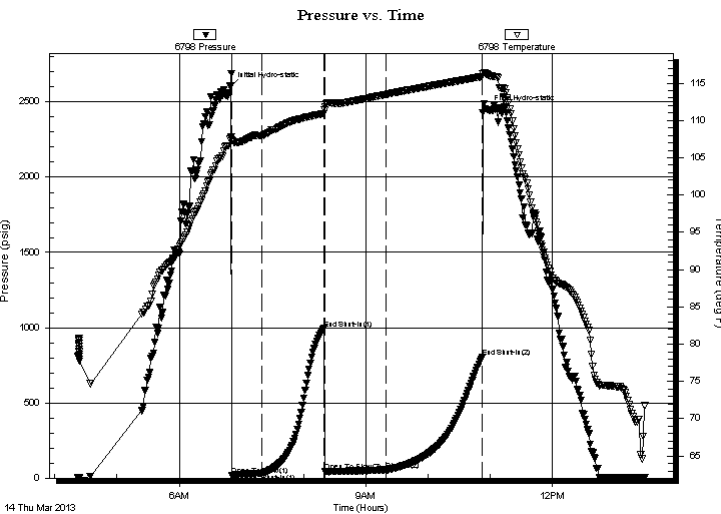
End Time:

13:29:15

Time On Btm: 2013.03.14 @ 06:49:30

Time Off Btm: 2013.03.14 @ 10:56:45

TEST COMMENT: IFP - Very weak blow building to 1/4 inch
FFP - Very weak blow building to 1/2 inch



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2600.56	107.65	Initial Hydro-static
1	19.05	107.35	Open To Flow (1)
31	31.96	108.00	Shut-In(1)
91	994.00	110.95	End Shut-In(1)
91	44.64	111.90	Open To Flow (2)
151	52.50	113.51	Shut-In(2)
243	801.82	115.86	End Shut-In(2)
248	2448.67	116.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	O&WCM 5%O 1%W 94%M	0.12
60.00	O&HWCM 4%O 39%w 57%M	0.30

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

McCoy Petroleum Corporation
 8080 E Central Ste 300
 Wichita KS 67206 + 2366
 ATTN: Scott Hampel

23-30s-19w Kiowa,KS

Hill "A" #2-23

Job Ticket: 50900

DST#: 2

Test Start: 2013.03.14 @ 04:22:01

GENERAL INFORMATION:

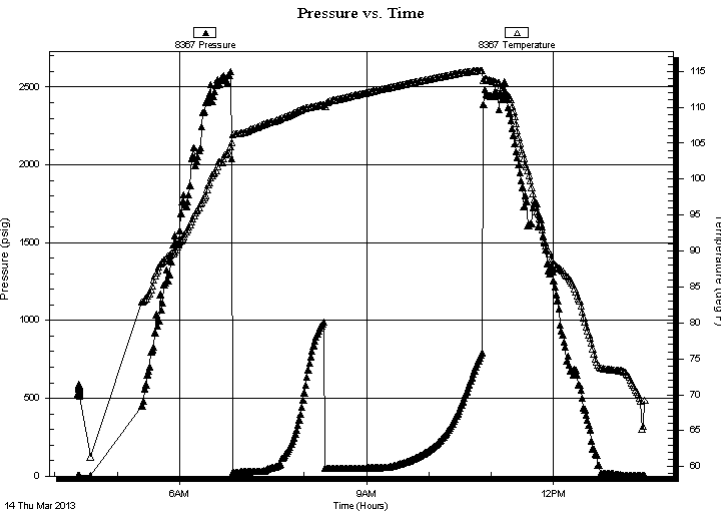
Formation: **Mississippian**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 06:50:30 Tester: Jimmy Ricketts
 Time Test Ended: 13:29:15 Unit No: 45
Interval: 5135.00 ft (KB) To 5145.00 ft (KB) (TVD) Reference Elevations: 2248.00 ft (KB)
 Total Depth: 5145.00 ft (KB) (TVD) 2237.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 8367

Outside

Press @ Run Depth: psig @ 5142.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.03.14 End Date: 2013.03.14 Last Calib.: 1899.12.30
 Start Time: 04:22:01 End Time: 13:28:30 Time On Btm:
 Time Off Btm:

TEST COMMENT: IFP - Very weak blow building to 1/4 inch
 FFP - Very weak blow building to 1/2 inch



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
25.00	O&WCM 5%O 1%W 94%M	0.12
60.00	O&HWCM 4%O 39%w 57%M	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corporation

23-30s-19w Kiowa,KS

8080 E Central Ste 300
Wichita KS 67206 + 2366

Hill "A" #2-23

Job Ticket: 50900

DST#: 2

ATTN: Scott Hampel

Test Start: 2013.03.14 @ 04:22:01

Tool Information

Drill Pipe:	Length: 4907.00 ft	Diameter: 3.80 inches	Volume: 68.83 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 21000.00 lb
Drill Collar:	Length: 217.00 ft	Diameter: 2.25 inches	Volume: 1.07 bbl	Weight to Pull Loose: 86000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 79000.00 lb
Depth to Top Packer:	5135.00 ft			Final 81000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	37.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Shut In Tool	5.00			5113.00	
Hydraulic tool	5.00			5118.00	
Jars	5.00			5123.00	
Safety Joint	2.00			5125.00	
Packer	5.00			5130.00	27.00 Bottom Of Top Packer
Packer	5.00			5135.00	
Stubb	1.00			5136.00	
Perforations	6.00			5142.00	
Recorder	0.00	6798	Inside	5142.00	
Recorder	0.00	8367	Outside	5142.00	
Bullnose	3.00			5145.00	10.00 Bottom Packers & Anchor

Total Tool Length: 37.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporation

23-30s-19w Kiowa,KS

8080 E Central Ste 300
Wichita KS 67206 + 2366

Hill "A" #2-23

Job Ticket: 50900

DST#: 2

ATTN: Scott Hampel

Test Start: 2013.03.14 @ 04:22:01

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:

22000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	O&WCM 5%O 1%W 94%M	0.123
60.00	O&HWCM 4%O 39%w 57%M	0.295

Total Length: 85.00 ft

Total Volume: 0.418 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6798

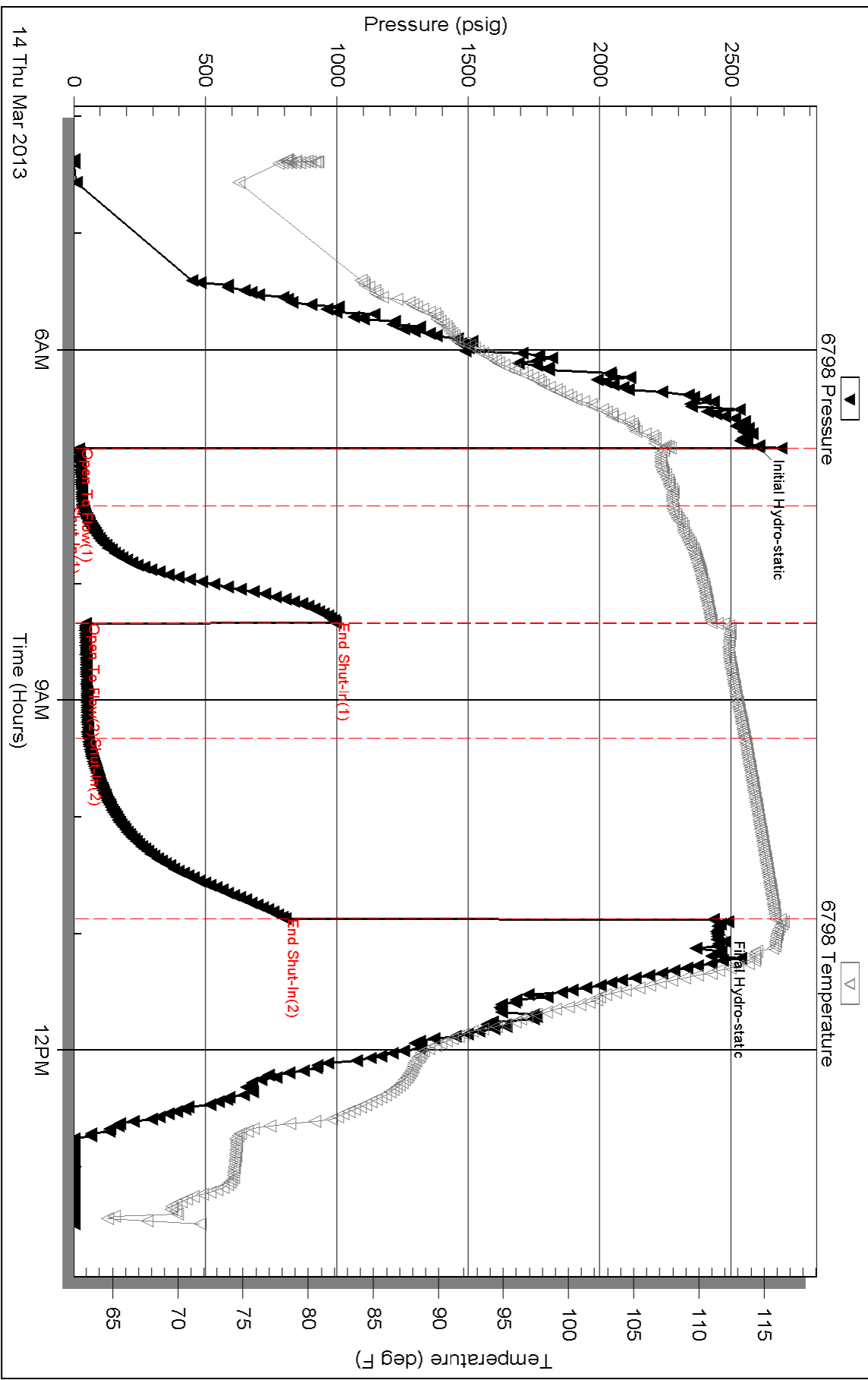
Inside

McCoy Petroleum Corporation

Hill "A" #2-23

DST Test Number: 2

Pressure vs. Time

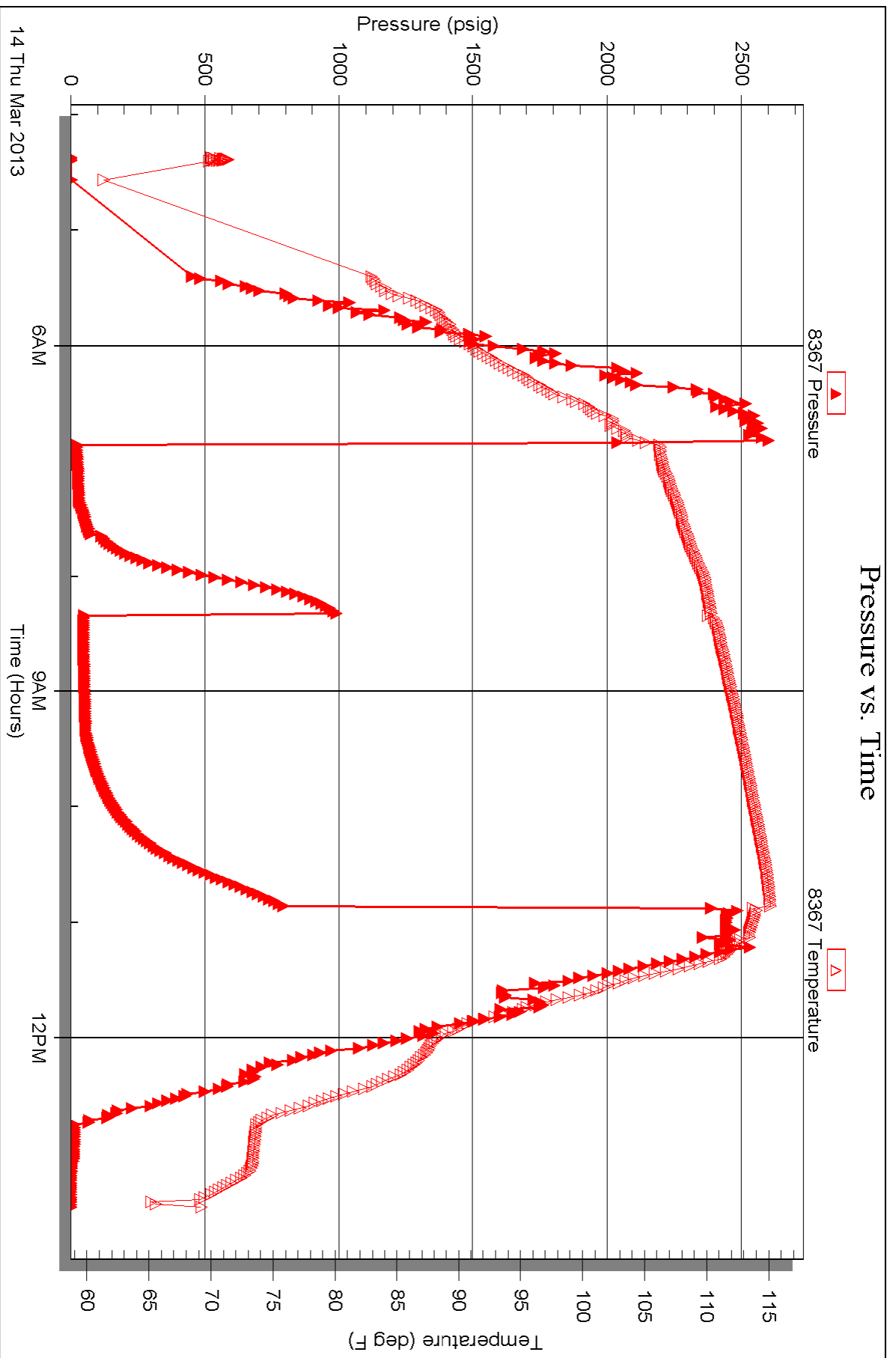


Serial #: 8367

Outside McCoy Petroleum Corporation

Hill "A" #2-23

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48506

Well Name & No. HILL 'A' #2-23 Test No. 1 Date 3-13-13
 Company McCoy Petroleum Corporation Elevation 2248 KB 2237 GL
 Address 8080 E CENTRAL STE 300 WICHITA KS 67206-2326
 Co. Rep / Geo. Evan Stone Rig Sterling Rig #2
 Location: Sec. 23 Twp. 30S Rge. 19W Co. Kiowa State KS

Interval Tested 5076-5128 Zone Tested MISS
 Anchor Length 52 Drill Pipe Run 4812 Mud Wt. 9.4
 Top Packer Depth 5071 Drill Collars Run 248 Vis 59
 Bottom Packer Depth 5076 Wt. Pipe Run 0 WL 9.6
 Total Depth 5128 Chlorides 8000 ppm System LCM 3

Blow Description: FAST Strong Blow BOB in 15 sec GAS TO SURFACE IN 18 min
1st - Good Blow BOB AND GAS TO SURFACE IN 52 min
FP - Strong Blow BOB AND GAS TO SURFACE IN 30 sec
FSE - Strong Blow BOB AND GAS TO SURFACE IN 1 1/2 min

Rec	Feet of	%gas	%oil	%water	%mud
<u>248</u>	<u>6WMC0</u>	<u>20</u>	<u>65</u>	<u>5</u>	<u>10</u>
<u>460</u>	<u>SOCM</u>		<u>5</u>		<u>95</u>
<u>126</u>	<u>MCGO</u>	<u>20</u>	<u>65</u>		<u>15</u>
	<u>4620-GIP</u>				

Rec Total 440 BHT 119 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2464</u>	<input checked="" type="checkbox"/> Test 1350	T-On Location <u>8:20</u>
(B) First Initial Flow <u>117</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>9:18</u>
(C) First Final Flow <u>147</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>11:37</u>
(D) Initial Shut-In <u>762</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>15:37</u>
(E) Second Initial Flow <u>240</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>19:15</u>
(F) Second Final Flow <u>228</u>	<input checked="" type="checkbox"/> Mileage 170.50	Comments _____
(G) Final Shut-In <u>953</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2463</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

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

Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Sub Total 1845.50

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.



12/08

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Gas Volume Report

McCoy Petroleum Corporation
Operator

Hill "A" 2-23
Well Name and No.

1
DST No.

Min.	Ins. of Water PSIG	Orifice Size	CF/D	Min.	Ins. of Water PSIG	Orifice Size	CF/D
23	40	0.5000	364.942	30	14	0.2500	44.578
28	17	0.5000	209.791	40	13	0.2500	42.992
				52	7	0.5000	142.334
				54	2	0.5000	108.606

Remarks:



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50900

4/10

Well Name & No. Hill "A" 2-23 Test No. 2 Date 3-14-13
 Company McCoy Petroleum Corp. Elevation 2248 KB 2237 GL
 Address 8080 E. Central Suite 300 Wichita, KS. 67206-2366
 Co. Rep / Geo. Scott Hampel / Evan Stone Rig Sterling #2
 Location: Sec. 23 Twp. 30s Rge. 19w Co. Kiowa State KS

Interval Tested S135 - S145 Zone Tested Mississippian
 Anchor Length 10' Drill Pipe Run 4907 Mud Wt. 9.4
 Top Packer Depth S130 Drill Collars Run 217 Vis 59
 Bottom Packer Depth S135 Wt. Pipe Run — WL 9.6
 Total Depth S145 Chlorides 5000 ppm System LCM 3
 Blow Description UWDBT 1/4"
UWDBT 1/2"

Rec	Feet of	%gas	%oil	%water	%mud
<u>25</u>	<u>0+WCN</u>	<u>0</u>	<u>5</u>	<u>1</u>	<u>94</u>
<u>60</u>	<u>0+HCN</u>		<u>4</u>	<u>39</u>	<u>57</u>

Rec Total 85 BHT 116 Gravity _____ API RW _____ @ _____ °F Chlorides 22000 ppm

(A) Initial Hydrostatic 2601 Test 1350 T-On Location 0110
 (B) First Initial Flow 19 Jars 250 T-Started 0430
 (C) First Final Flow 32 Safety Joint 75 T-Open 0650
 (D) Initial Shut-In 994 Circ Sub _____ T-Pulled 1052
 (E) Second Initial Flow 45 Hourly Standby _____ T-Out 1300
 (F) Second Final Flow 52 Mileage 110 RT 170.50 Comments RT 0422
 (G) Final Shut-In 802 Sampler _____
 (H) Final Hydrostatic 2449 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total _____
 Day Standby _____ Total \$1845.50 1845.50
 Accessibility _____ MP/DST Disc't _____
 Sub Total \$1845.50

Approved By [Signature] Our Representative Jimmy [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 of 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.



Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Hill 'A' #2-23
Location: Sec. 23 - T30S - R19W, Kiowa County, KS
License Number: API #: 15-097-21746
Spud Date: March 7, 2013
Surface Coordinates: 990' FSL & 1980' FWL
Region: Alford
Drilling Completed: March 14, 2013

Bottom Hole
Coordinates:
Ground Elevation (ft): 2237' K.B. Elevation (ft): 2248'
Logged Interval (ft): 3900' To: 5240' Total Depth (ft): 5240' RTD
Formation: Mississippian
Type of Drilling Fluid: Chemical Mud

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: McCoy Petroleum Corporation
Address: 8080 E. Central Ave.
Suite 300
Wichita, KS 67206

GEOLOGIST

Name: Evan Stone
Company: McCoy Petroleum Corporation
Address: 8080 E. Central Ave.
Suite 300
Wichita, KS 67206



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

McCoy Petroleum Corporation

23-30s-19w Kiowa

8080 E Central Ste 300
Wichita Ks 67206 + 2366

Hill "A" 2-23

Job Ticket: 48506

DST#: 1

ATTN: Scott Hampel

Test Start: 2013.03.13 @ 09:18:08

GENERAL INFORMATION:

Formation: **Miss**

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

Time Tool Opened: 11:38:08

Time Test Ended: 19:15:38

Test Type: Conventional Bottom Hole (Initial)

Tester: Jeff Brown

Unit No: 44

Interval: **5076.00 ft (KB) To 5128.00 ft (KB) (TVD)**

Total Depth: 5128.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2248.00 ft (KB)

2237.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8167

Inside

Press@RunDepth: 227.76 psig @ 5112.00 ft (KB)

Start Date: 2013.03.13

End Date:

2013.03.13

Start Time: 09:18:13

End Time:

19:12:38

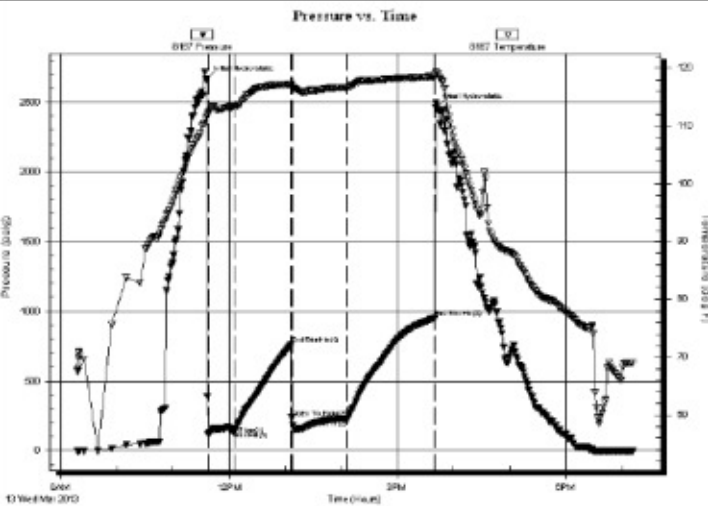
Capacity: 8000.00 psig

Last Calib.: 2013.03.13

Time On Btm: 2013.03.13 @ 11:36:08

Time Off Btm: 2013.03.13 @ 15:41:08

TEST COMMENT: IFP=Strong blow BOB in 15 sec Gas to surface in 18 min
IS=Good Blow BOB and Gas to surface in 52 min
FFP=Strong blow BOB and Gas to surface in 30 sec
FS=Strong blow BOB and Gas to surface in 1 1/2 in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2664.44	111.65	Initial Hydro-static
2	117.01	112.07	Open To Flow (1)
31	147.12	113.36	Shut-In(1)
91	761.96	117.22	End Shut-In(1)
91	239.65	117.10	Open To Flow (2)
151	227.76	116.66	Shut-In(2)
244	953.34	118.59	End Shut-In(2)
245	2463.48	119.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
248.00	GWMCO 20%G 10%M 5%W 65%O	1.22
66.00	SOCM 5%O 95%M	0.93
126.00	MCOG 20%G 15%M 65%O	1.77
0.00	4620-GP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	40.00	364.94
Last Gas Rate	0.50	2.00	108.61
Max. Gas Rate	0.50	40.00	364.94



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporation
8080 E Central Ste 300
Wichita Ks 67206 + 2366
ATTN: Scott Hampel

23-30s-19w Kiowa
Hill "A" 2-23
Job Ticket: 48506 **DST#: 1**
Test Start: 2013.03.13 @ 09:18:08

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: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 8000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
248.00	GWMCO 20%G 10%M 5%W 65%O	1.220
66.00	SOCM 5%O 95%M	0.926
126.00	MCGO 20%G 15%M 65%O	1.767
0.00	4620-GIP	0.000

Total Length: 440.00 ft Total Volume: 3.913 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

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)
1	23	0.50	40.00	364.94
1	28	0.50	17.00	209.79
2	30	0.25	14.00	44.58
2	40	0.25	13.00	42.99
2	52	0.50	7.00	142.33
2	54	0.50	2.00	108.61

Serial #: 8167

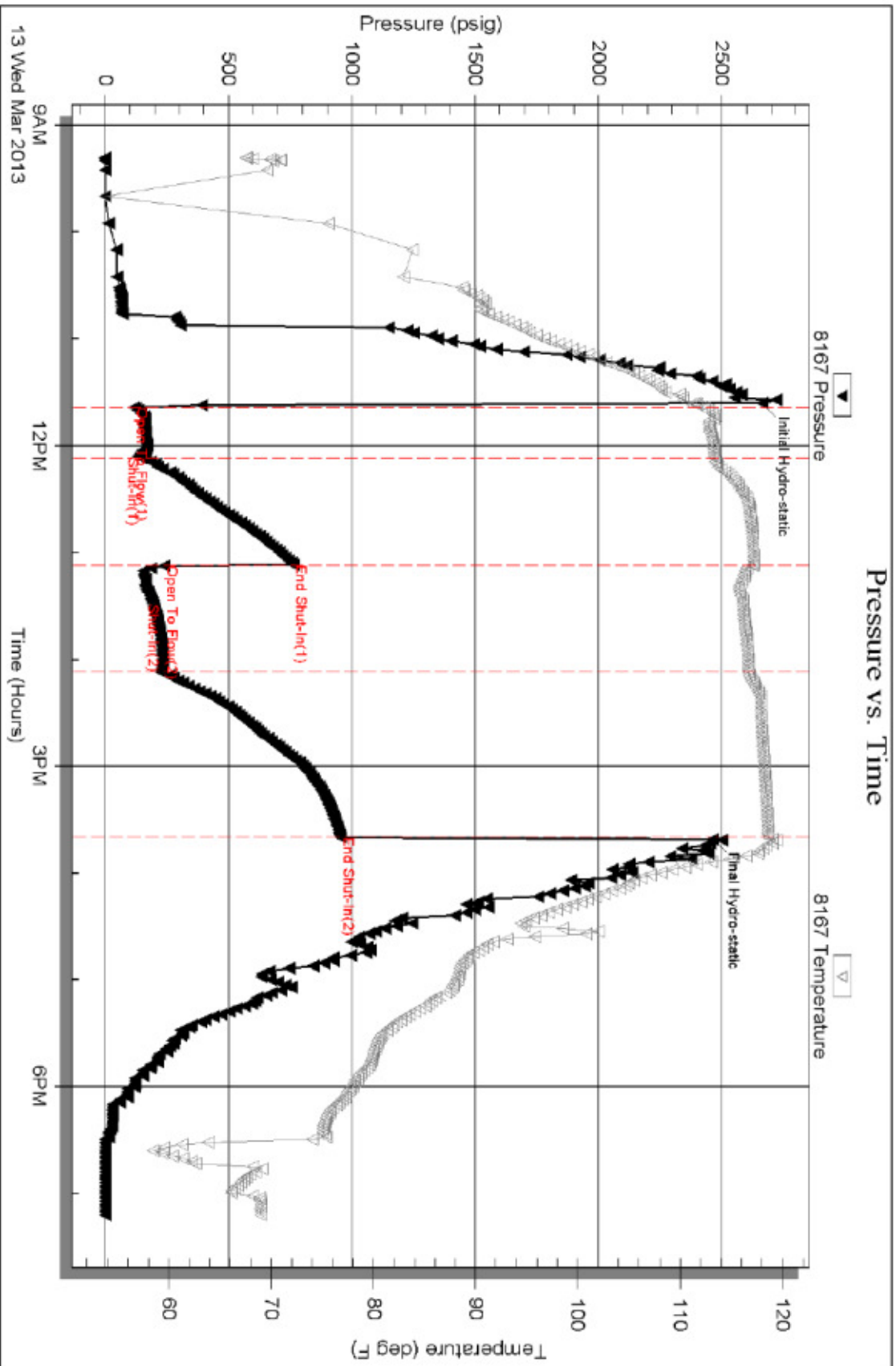
Inside

McCoy Petroleum Corporation

Hil 'A'-2-23

DST Test Number: 1

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

McCoy Petroleum Corporation

23-30s-19w Kiowa

8080 E Central Ste 300
Wichita Ks 67206 + 2366

Hill "A" 2-23

Job Ticket: 50900

DST#: 2

ATTN: Scott Hampel

Test Start: 2013.03.14 @ 04:22:01

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:50:30

Time Test Ended: 13:29:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Jimmy Ricketts

Unit No: 45

Interval: **5135.00 ft (KB) To 5145.00 ft (KB) (TVD)**

Reference Elevations: 2248.00 ft (KB)

Total Depth: ft (KB) (TVD)

2237.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 6798

Inside

Press@RunDepth: 52.50 psig @ 5142.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.03.14

End Date: 2013.03.14

Last Calib.: 2013.03.14

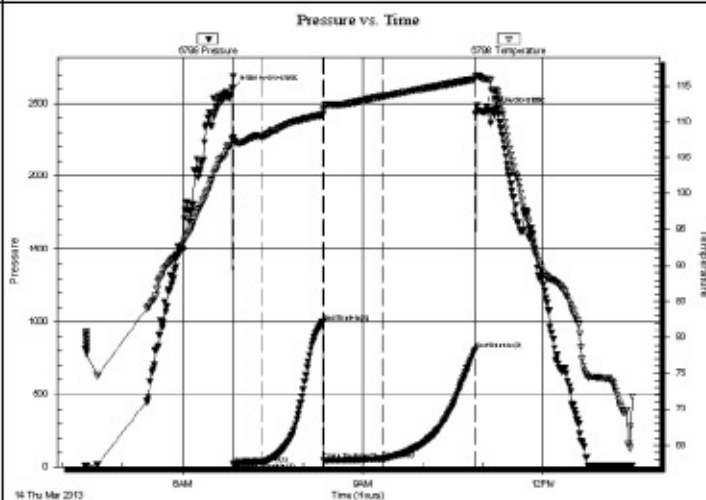
Start Time: 04:22:01

End Time: 13:29:15

Time On Btm: 2013.03.14 @ 06:49:30

Time Off Btm: 2013.03.14 @ 10:56:45

TEST COMMENT: IFF - Very weak blow building to 1/4 inch
FFP - Very weak blow building to 1/2 inch



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2600.56	107.65	Initial Hydro-static
1	19.05	107.35	Open To Flow (1)
31	31.96	108.00	Shut-In(1)
91	994.00	110.95	End Shut-In(1)
91	44.64	111.90	Open To Flow (2)
151	52.50	113.51	Shut-In(2)
243	801.82	115.86	End Shut-In(2)
248	2448.67	116.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	O&WCM 5%O 1%W 94%M	0.12
60.00	O&HWCM 4%O 39%w 57%M	0.30

Gas Rates

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

Serial #: 6798

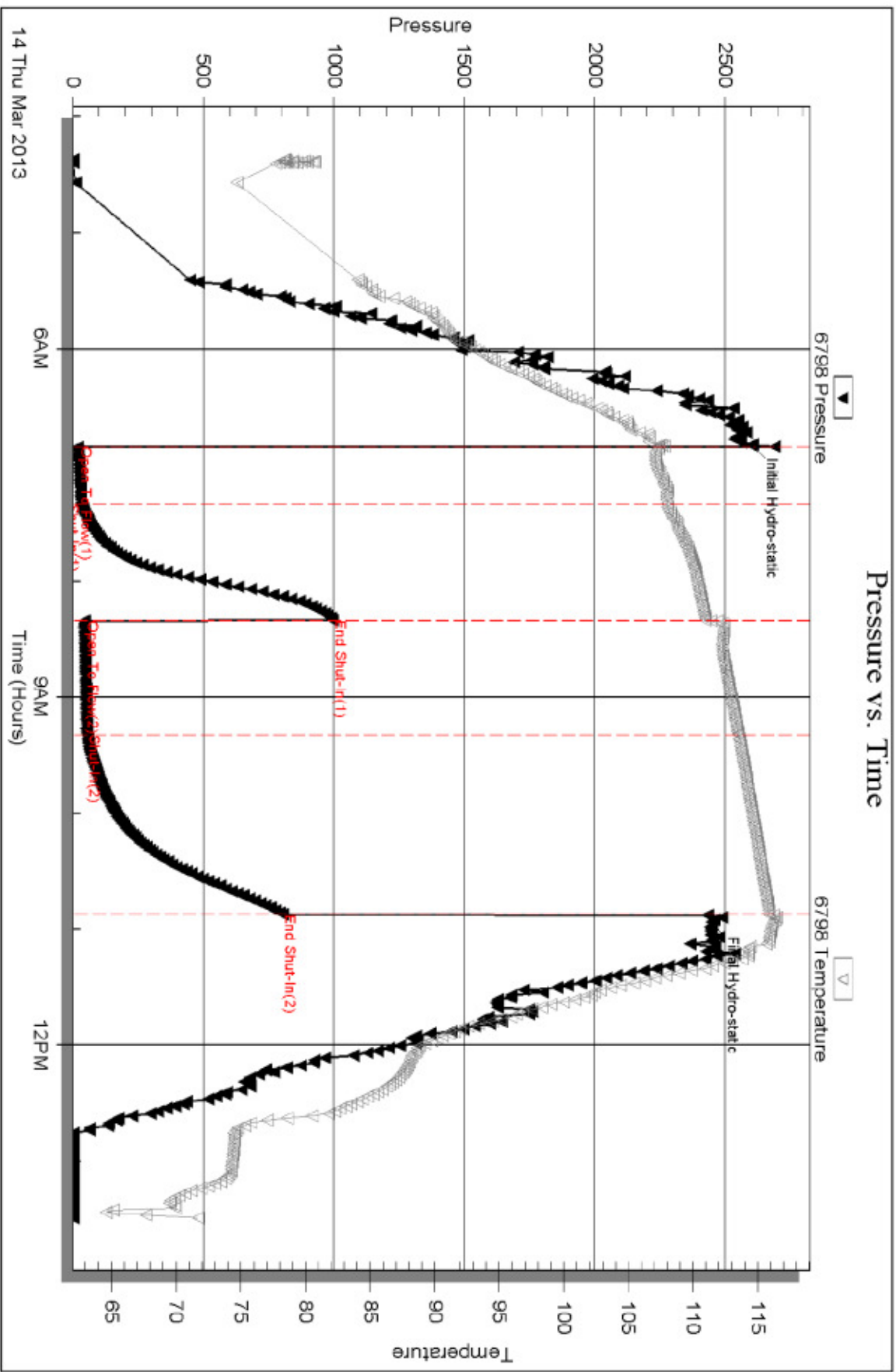
Inside

Mb-Coy Petroleum Corporation

Hill "A" 2-23

DST Test Number: 2

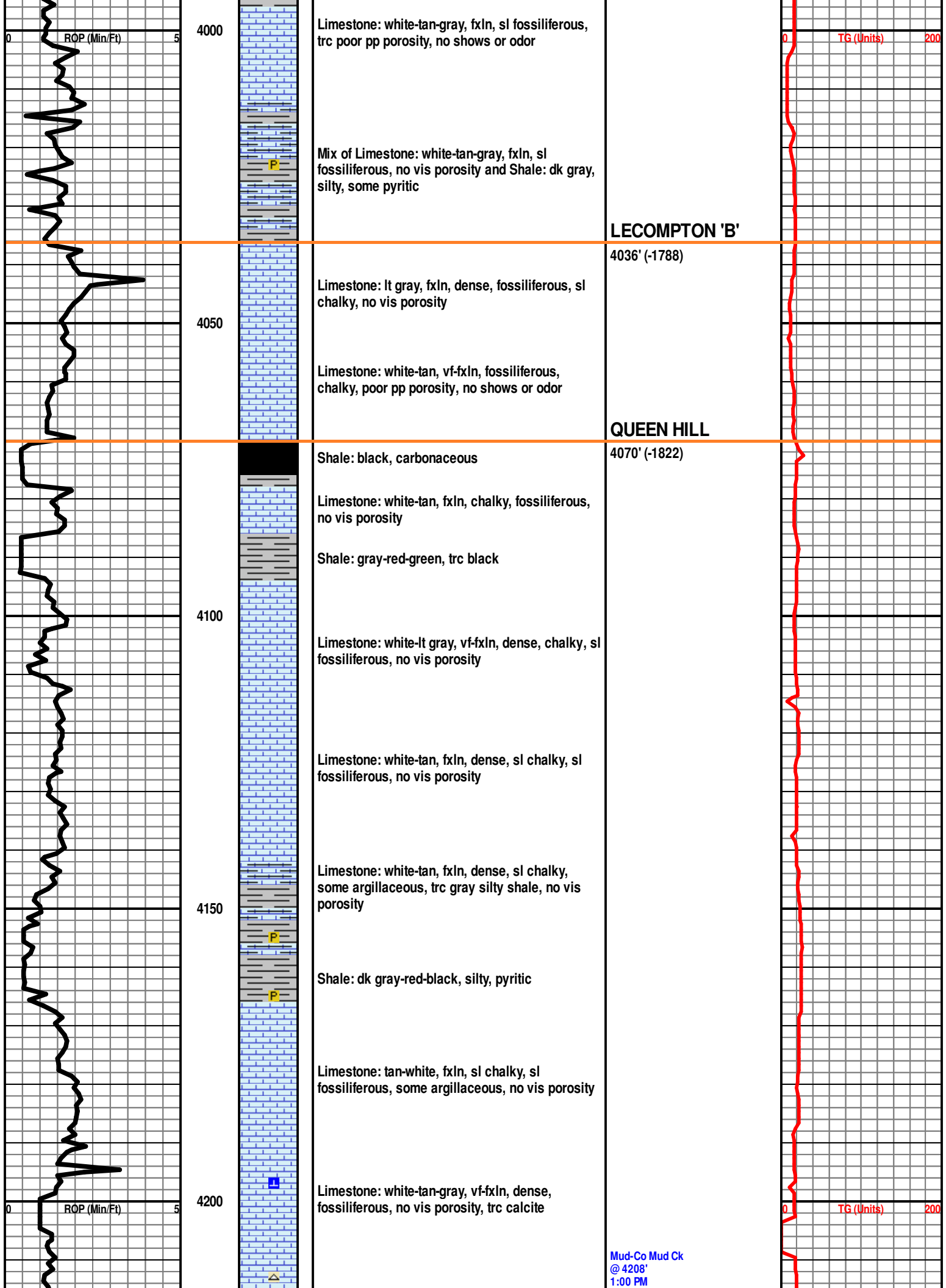
Pressure vs. Time

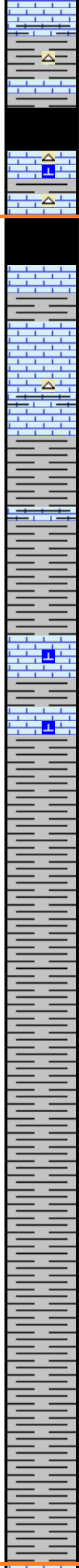
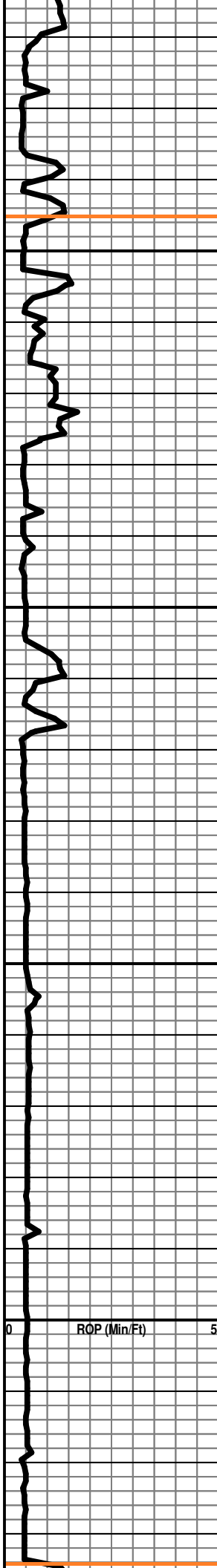


Tribble Testing, Inc

Ref. No: 50900

Printed: 2013.03.14 @ 16:05:52





Mix of Limestone (as above) and gray silty Shale, trc opaque white chert

Shale: black, carbonaceous

Limestone: white-gray, vfxln, sl chalky, opaque white-tan chert, trc calcite, no vis porosity

4250

Shale: black, carbonaceous

Limestone: white-tan-lt brown, fxlN, fossiliferous, chalky, no vis porosity

Limestone: tan-gray, fxlN, dense, fossiliferous, sl chalky, trc opaque white chert, no vis porosity

Shale: gray-black-red

Shale: gray-black-red

4300

Limestone: white-tan-lt brown, f-mxln, chalkky, sl fossiliferous, trc calcite, no vis porosity

Shale: dk gray-red-trc green

4350

Shale: lt gray-dk gray, trc red, silty

Shale: lt gray-dk gray, silty

Shale: gray-green, silty

4400

Shale: dk gray, trc red-green, silty

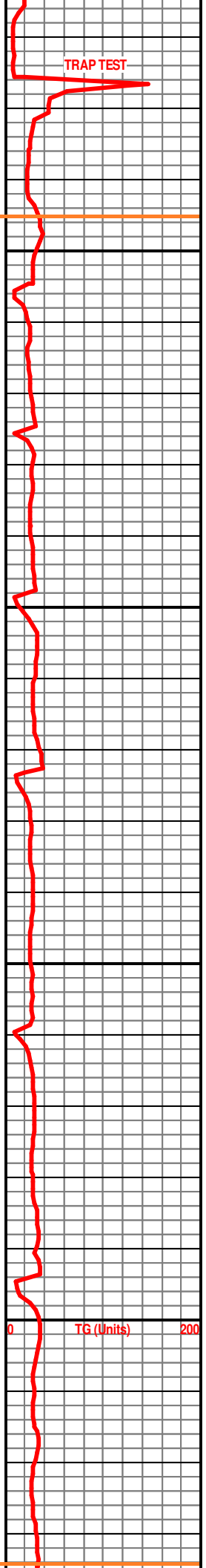
Shale: gray-green-lt brown, silty

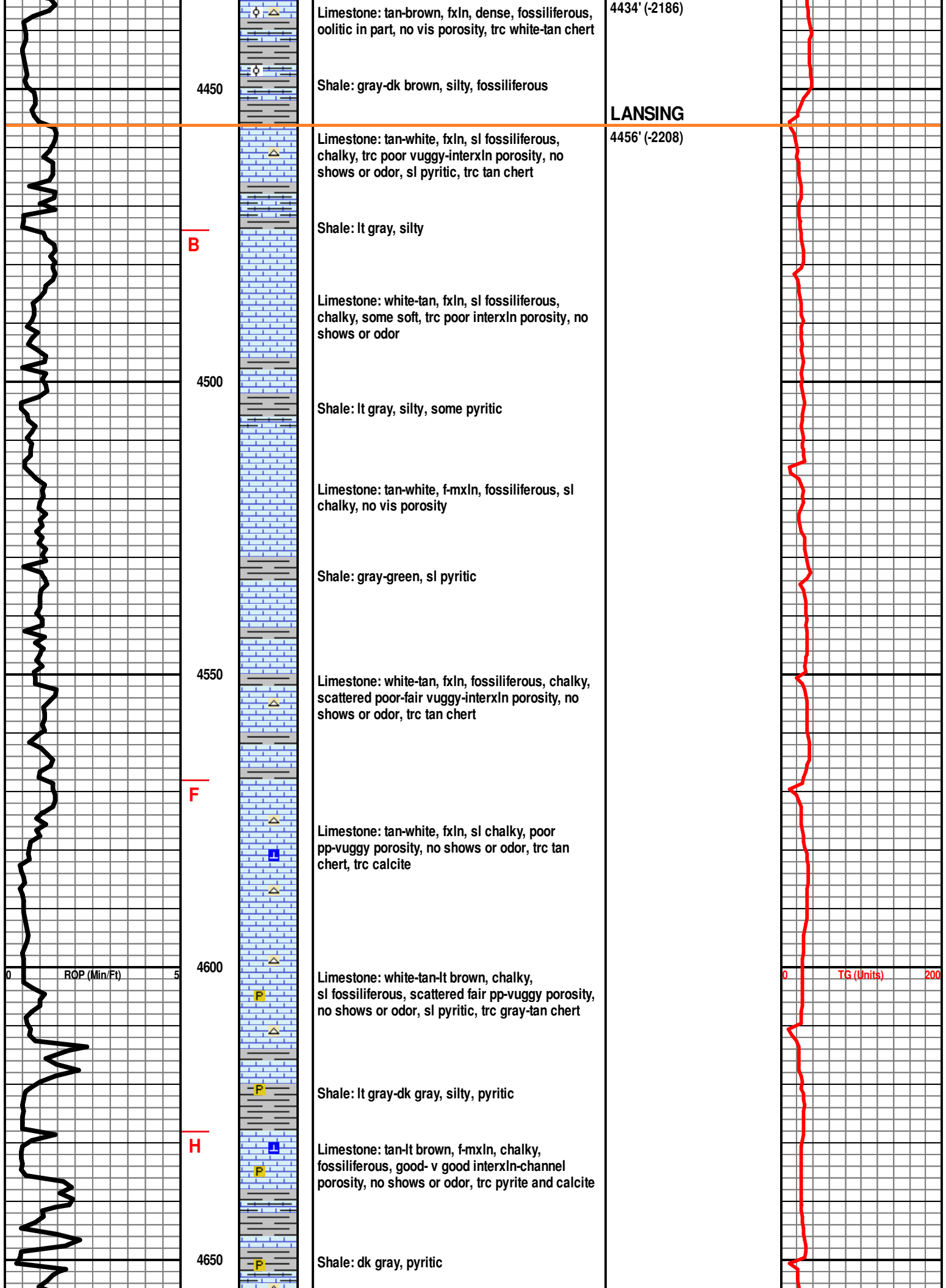
3/11/2013 VIS: 44
 WT: 9.4 YP: 15
 PV: 13 LCM: 0#
 CHL: 10,000

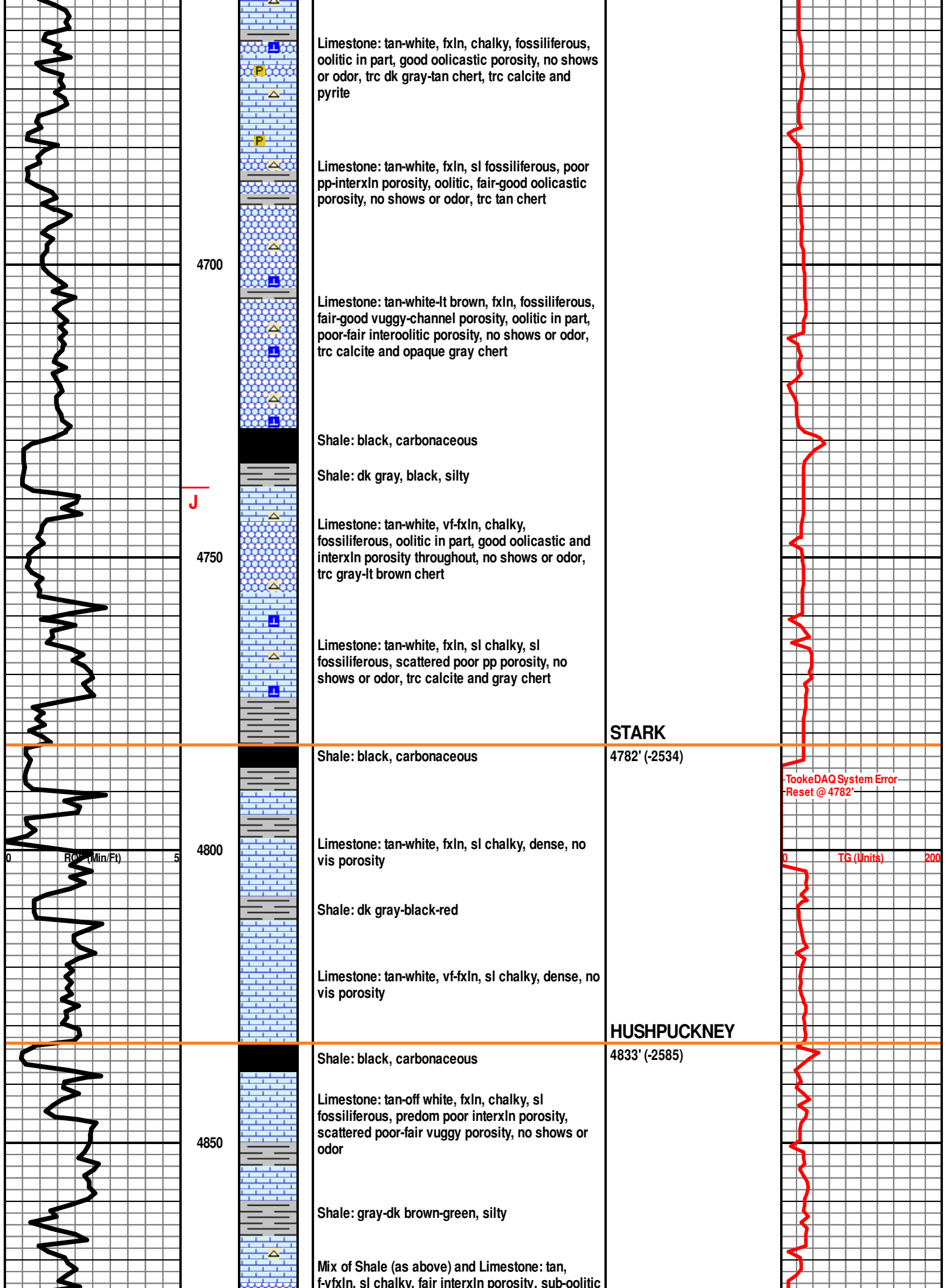
HEEBNER

4245' (-1997)

BROWN LIME







Limestone: tan-white, fxln, chalky, fossiliferous, oolitic in part, good oolitic porosity, no shows or odor, trc dk gray-tan chert, trc calcite and pyrite

Limestone: tan-white, fxln, sl fossiliferous, poor pp-interxln porosity, oolitic, fair-good oolitic porosity, no shows or odor, trc tan chert

Limestone: tan-white-lt brown, fxln, fossiliferous, fair-good vuggy-channel porosity, oolitic in part, poor-fair interoolitic porosity, no shows or odor, trc calcite and opaque gray chert

Shale: black, carbonaceous

Shale: dk gray, black, silty

Limestone: tan-white, vf-fxln, chalky, fossiliferous, oolitic in part, good oolitic and interxln porosity throughout, no shows or odor, trc gray-lt brown chert

Limestone: tan-white, fxln, sl chalky, sl fossiliferous, scattered poor pp porosity, no shows or odor, trc calcite and gray chert

STARK

4782' (-2534)

TookeDAQ System Error - Reset @ 4782'

Shale: black, carbonaceous

Limestone: tan-white, fxln, sl chalky, dense, no vis porosity

Shale: dk gray-black-red

Limestone: tan-white, vf-fxln, sl chalky, dense, no vis porosity

HUSHPUCKNEY

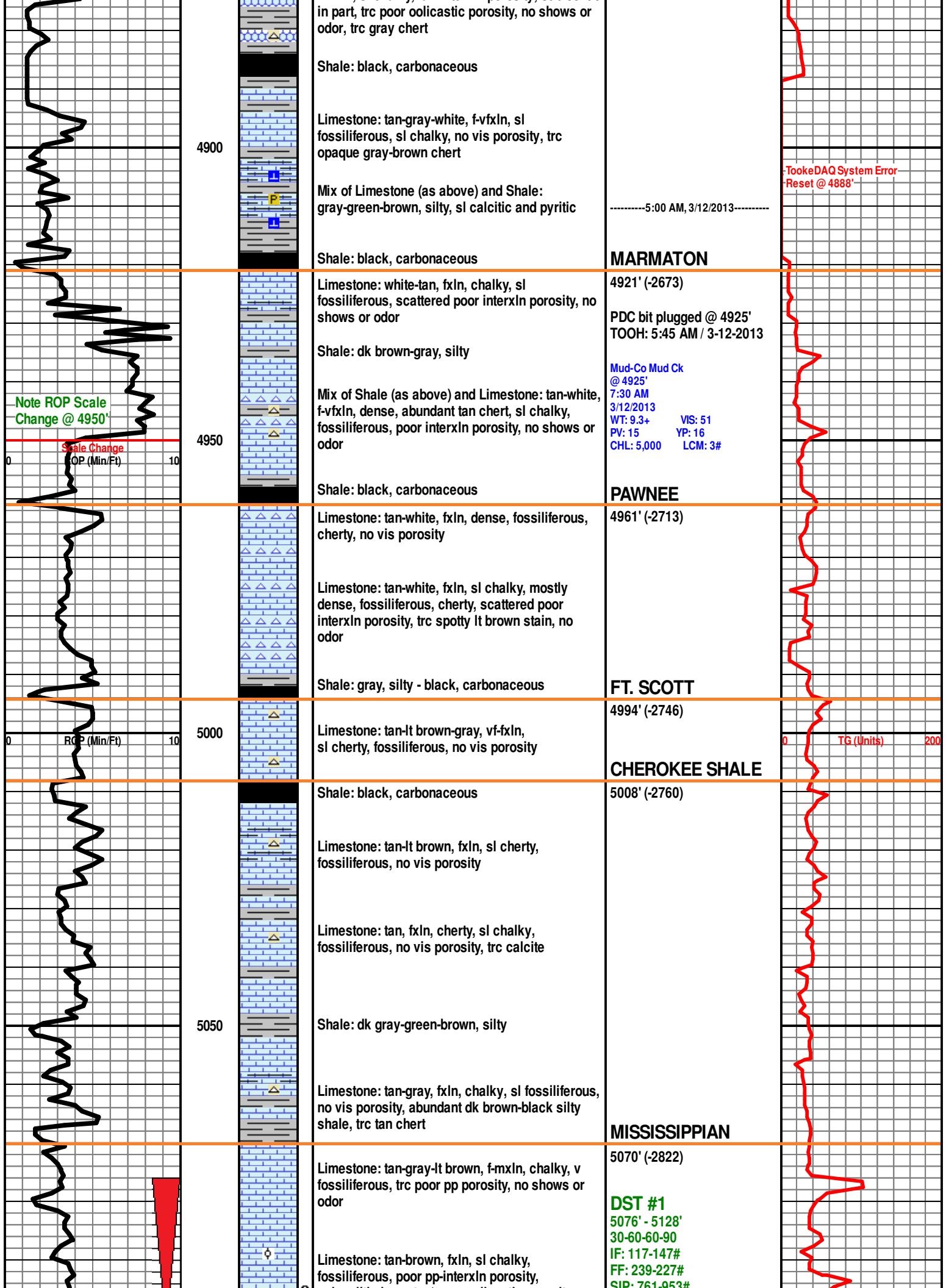
4833' (-2585)

Shale: black, carbonaceous

Limestone: tan-off white, fxln, chalky, sl fossiliferous, predom poor interxln porosity, scattered poor-fair vuggy porosity, no shows or odor

Shale: gray-dk brown-green, silty

Mix of Shale (as above) and Limestone: tan, f-vfxln, sl chalky, fair interxln porosity, sub-oolitic



in part, trc poor oolitic porosity, no shows or odor, trc gray chert

Shale: black, carbonaceous

Limestone: tan-gray-white, f-vfxln, sl fossiliferous, sl chalky, no vis porosity, trc opaque gray-brown chert

Mix of Limestone (as above) and Shale: gray-green-brown, silty, sl calcitic and pyritic

-----5:00 AM, 3/12/2013-----

TookeDAQ System Error
Reset @ 4888'

4900

Shale: black, carbonaceous

MARMATON

4921' (-2673)

PDC bit plugged @ 4925'
TOOH: 5:45 AM / 3-12-2013

Limestone: white-tan, fxln, chalky, sl fossiliferous, scattered poor interxln porosity, no shows or odor

Shale: dk brown-gray, silty

Mud-Co Mud Ck
@ 4925'
7:30 AM
3/12/2013
WT: 9.3+ VS: 51
PV: 15 YP: 16
CHL: 5,000 LCM: 3#

Mix of Shale (as above) and Limestone: tan-white, f-vfxln, dense, abundant tan chert, sl chalky, fossiliferous, poor interxln porosity, no shows or odor

Note ROP Scale Change @ 4950'

Scale Change
ROP (Min/Ft)

4950

Shale: black, carbonaceous

PAWNEE

4961' (-2713)

Limestone: tan-white, fxln, dense, fossiliferous, cherty, no vis porosity

Limestone: tan-white, fxln, sl chalky, mostly dense, fossiliferous, cherty, scattered poor interxln porosity, trc spotty lt brown stain, no odor

Shale: gray, silty - black, carbonaceous

FT. SCOTT

4994' (-2746)

Limestone: tan-lt brown-gray, vf-fxln, sl cherty, fossiliferous, no vis porosity

TG (Units) 200

5000

Shale: black, carbonaceous

CHEROKEE SHALE

5008' (-2760)

Limestone: tan-lt brown, fxln, sl cherty, fossiliferous, no vis porosity

Limestone: tan, fxln, cherty, sl chalky, fossiliferous, no vis porosity, trc calcite

Shale: dk gray-green-brown, silty

5050

Limestone: tan-gray, fxln, chalky, sl fossiliferous, no vis porosity, abundant dk brown-black silty shale, trc tan chert

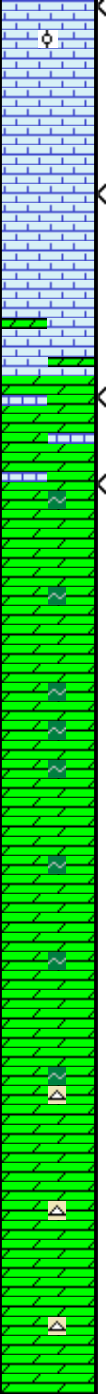
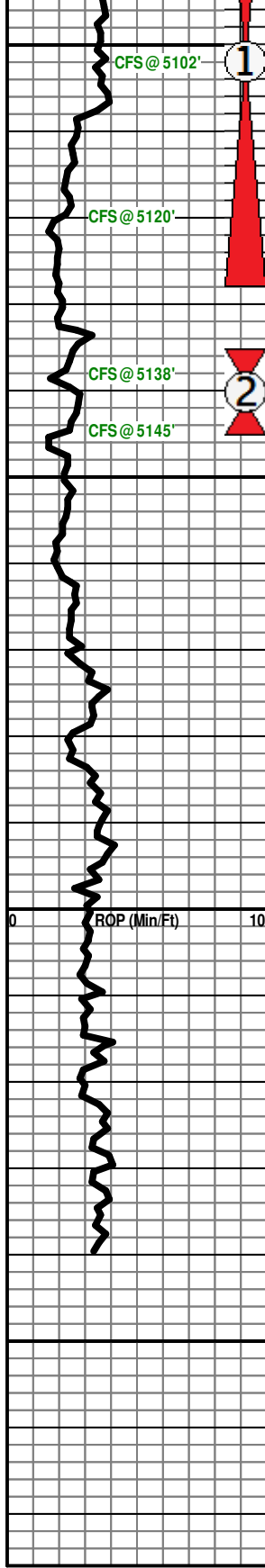
MISSISSIPPIAN

5070' (-2822)

Limestone: tan-gray-lt brown, f-mxln, chalky, v fossiliferous, trc poor pp porosity, no shows or odor

DST #1
5076' - 5128'
30-60-60-90
IF: 117-147#
FF: 239-227#
SIP: 761.053#





sub-oolitic in part w/ poor oolitic porosity, scattered spotty lt brown stain, v faint odor

Limestone: tan-white, f-mxln, chalky, sl cherty, fossiliferous, fair-good interxln porosity, scattered poor-fair vuggy porosity, good odor, no free oil, trc spotty lt brown stain

Limestone/Dolomite: tan-lt gray, f-mxln, spotty glauconitic, fair-good interxln-vuggy porosity, sl-fsfo on break, trc free oil droplets in sample tray, good odor

Dolomite/Limestone: tan-lt brown-white, fxln, chalky, sl fossiliferous, spotty glauconitic, fair-good interxln porosity, trc sfo on break, lt brown sat stain, fair odor

Dolomite, lt gray-tan, f-mxln, glauconitic, chalky, fair interxln porosity, no free oil, scattered lt brown sat stain, sl odor

Dolomite: gray-green-tan, f-mxln, abundant glauconite, sl fossiliferous, poor interxln porosity, no shows or odor

Dolomite: lt gray-white-green, f-mxln, soft, chalky, glauconitic, sl fossiliferous, fair interxln porosity, no free oil, sl odor

Dolomite: dk gray-tan-green, f-mxln, sl chalky, glauconitic, trc poor interxln porosity, no shows or odor

Dolomite: gray, f-mxln, cherty, glauconitic, sl fossiliferous, trc poor interxln porosity, no shows or odor

Dolomite: gray, f-mxln, cherty, dense, sl fossiliferous, trc poor interxln porosity, no shows or odor

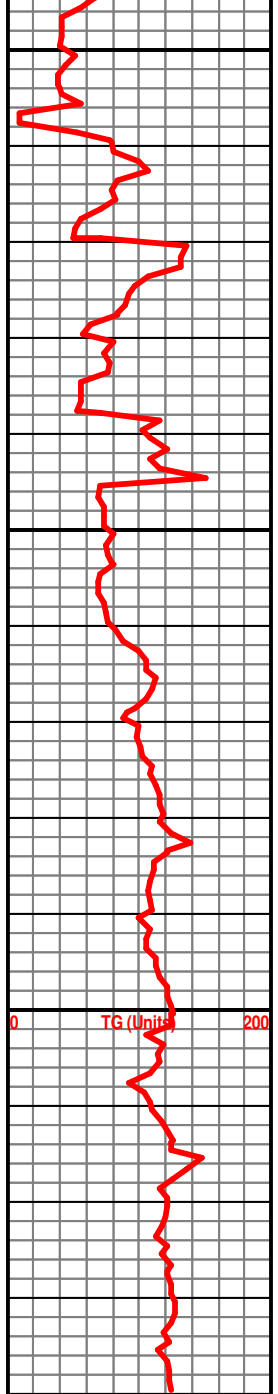
Dolomite: lt gray, fxln, cherty, dense, trc poor interxln porosity, no shows or odor

RTD 5240' (-2992)

SN: 701-950#
 Hydro: 2664-2463#
 BHT: 119°
 Recovery:
 4620' GIP
 126' MCGO - (20%G, 15%M, 65%O)
 66' SOCM - (5 O, 95%M)
 248' GWMCO - (20%G, 10%M, 5%W, 65%O)

-----5:00 AM, 3/13/2013-----
 Mud-Co Mud Ck
 @ 5128'
 6:15 AM
 3/13/2013
 WT: 9.4+ VIS: 59
 PV: 20 YP: 20
 CHL: 8,000 LCM: 3#
 -----5:00 AM, 3/14/2013-----
 Mud-Co Mud Ck
 @ 5145'
 7:00 AM
 3/14/2013
 WT: 9.4 VIS: 50
 PV: 15 YP: 16
 CHL: 11,000 LCM: 2#

DST #2
 5135' - 5128'
 30-60-60-90
 IF: 19-31#
 FF: 44-52#
 SIP: 994-801#
 Hydro: 2600-2448#
 BHT: 116°
 Recovery:
 25' O&WCM - (5%O, 1%W, 94%M)
 60' O&HWCM - (4%O, 39%W, 57%M)



Customer <i>McCoy Pet.</i>	Lease No.	Date <i>03-07-13</i>	
Lease <i>HILL A</i>	Well # <i>2-23</i>		
Field Order # <i>7987</i>	Station <i>PRATT KS</i>	Casing <i>8 7/8</i>	Depth <i>625</i>
Type Job <i>CNW 8 7/8 Surface</i>	Formation	County <i>KIOWA</i>	State <i>KS</i>
		Legal Description <i>23-30-19</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>8 7/8</i>				Pre Pad	Max		5 Min.	
Depth <i>625</i>	Depth	From	To	Pad	Min		10 Min.	
Volume <i>38</i>	Volume	From	To	Frac	Avg		15 Min.	
Max Press <i>700</i>	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection <i>P-C</i>	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth <i>604</i>	Packer Depth	From	To					

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert Sullivan</i>
Service Units <i>27463 70959 19918 37900</i>		
Driver Names <i>MORAW Phye Sullivan</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>10:30 am</i>					<i>on for safety meeting</i>
					<i>RUN 14 STS 8 7/8 23 csg</i>
<i>1:50</i>					<i>CASING ON BOTTOM</i>
<i>2:00</i>					<i>Hook Rig to circ.</i>
<i>2:05</i>			<i>3</i>	<i>4</i>	<i>At Spacer</i>
			<i>66</i>	<i>4.5</i>	<i>mix Lead cont 150 sk A-CW-Rblend</i>
			<i>32</i>		<i>mix Tail cont 150 sk Commed 2%cc 1/4 ct</i>
					<i>cont mixed shut down</i>
					<i>Release Plug</i>
				<i>3.5</i>	<i>At Disp</i>
<i>2:45</i>	<i>700</i>		<i>38</i>		<i>Plug down</i>
					<i>DID NOT circ cont.</i>
					<i>JOB Complete</i>
					<i>Thank you</i>
					<i>RUN TO END SAFELY.</i>

Customer <i>McCoy Pet</i>	Lease No.	Date <i>03-08-13</i>
Lease <i>HILL A</i>	Well # <i>2-23</i>	
Field Order # <i>7183</i>	Station <i>Pratt KS</i>	Casing <i>8 7/8</i>
	Depth <i>624'</i>	County <i>KIOWA</i>
Type Job <i>CNW ONE INCH 8 7/8</i>	Formation	Legal Description <i>23-30-19</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
Volume	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Station Manager <i>DAVE SOFT</i>	Treater <i>Robert J. ...</i>
Service Units <i>27900 27463 70959 19918 70959 19918</i>		
Driver Names <i>Sullivan (KRW) Phyc Lawrence</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:30					on loc. SAT, media
					Run Temp Seng Top out 530'
					Port 8 7/8 490'
10:00					Hook by back cam
					NO circulation
11:15	500		88	4.5	St out 200 sk H-cow w/ 3% cc
				3.5	cmt mixed NO Returns
			30		ST Dip
11:50					plug down 460' JOB-complete 3/8/13
					let set 6 min. Run Temp Seng 3/8/13
6:00 pm					on loc Run Temp Seng
6:30					Hold Seng, ready
					Top out 150'
9:40					Run 1' 90' Top out
9:50					Break circulation good.
10:00	150			2	ST mix cmt H-cow w/ 3% cc
					cmt to pit mixed risk
10:20			31		shot down run ward cell.
12:45					JOB-complete cmt stage
					in cell.
					Thank you

Customer	McCoy PET. CORP.	Lease No.		Date	3-16-2013	
Lease	HILL 'A'	Well #	2-23			
Field Order #	Station	Casing	Depth	County	State	
0746	PRATT, KS.	5 1/2"		KIOWA	KS.	
Type Job	Formation		Legal Description			
CNW - 5 1/2" L.S.	TD - 5241'		23-30-19			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
5 1/2" x 15.5"				150 SK AA2			5 Min.	
Depth	Depth	From	To	Pre Pad	Max		10 Min.	
3228'				@ 1.43 CUFT	Min	SD = 42.96'	15 Min.	
Volume	Volume	From	To	Pad	Avg SET 13' OFF BOTTOM		@ 5228'	
124.47 BBL								
Max Press	Max Press	From	To	Frac	HHP Used		Annulus Pressure	
1500								
Well Connection	Annulus Vol.	From	To	Flush	Gas Volume	Total Load		
P.C.				123.5 BBL w/ 10 BBL H2O	420			
Plug Depth	Packer Depth	From	To					
5127.06'								

Customer Representative	DAVE OLLER	Station Manager	D. SCOTT	Treater	K. LESLEY
Service Units	37586	19959	19843	19960	21010
Driver Names	LESLEY	MARQUEZ	GIBSON		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:00 PM					ON LOCATION - SAFETY MEETING
8:15 PM					RUN 124 JTS. 5 1/2" x 15.5" CSG.
					TURBO. - 1, 3, 5, 7 (CIRC. 1/2 WAY IN)
11:30 PM					CSG. ON BOTTOM
11:45 PM					HOOK UP TO CSG. / BREAK CIRC. W/ RIG
12:45 AM	350		18	6	MUD FLUSH
12:55 AM	300		5	6	H2O SPACER
12:56 AM	200		38	6	MIX 150 SKS. AA2 @ 15.0 PPG
1:02 AM					CLEAR PUMP LINE / DROP L.D. PLUG
1:09 AM	0		0	7	START DISPLACEMENT 2% HCL H2O
1:22 AM	200		95	6	LIFT PRESSURE
1:26 AM	500		115	3	SLOW RATE
1:30 AM	1500		123.5	2	PLUG DOWN - HELD
					CIRC. THRU JOB
			6, 4		PLUG R.H. + M.H.
					JOB COMPLETE,
					THANKS -
					KELVIN LESLEY