

DRILL STEM TEST REPORT

Prepared For: **Habit Petroleum LLC**

639 280th Ave.
Hays KS 67601

ATTN: Al Downing

Regnier #3

2-24s-21w-Hodgeman,KS

Start Date: 2013.05.22 @ 06:08:00

End Date: 2013.05.22 @ 12:55:00

Job Ticket #: 48752 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.05.29 @ 14:54:07



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Habit Petroleum LLC

639 280th Ave.
Hays KS 67601

ATTN: Al Downing

2-24s-21w-Hodgeman,KS

Regnier #3

Job Ticket: 48752

DST#: 1

Test Start: 2013.05.22 @ 06:08:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:00:15

Time Test Ended: 12:55:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 53

Interval: 4408.00 ft (KB) To 4482.00 ft (KB) (TVD)

Reference Elevations: 2356.00 ft (KB)

Total Depth: 4482.00 ft (KB) (TVD)

2343.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8522 Outside

Press@RunDepth: 28.77 psig @ 4409.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.05.22

End Date:

2013.05.22

Last Calib.:

2013.05.22

Start Time: 06:08:05

End Time:

12:54:59

Time On Btm:

2013.05.22 @ 09:00:00

Time Off Btm:

2013.05.22 @ 10:15:30

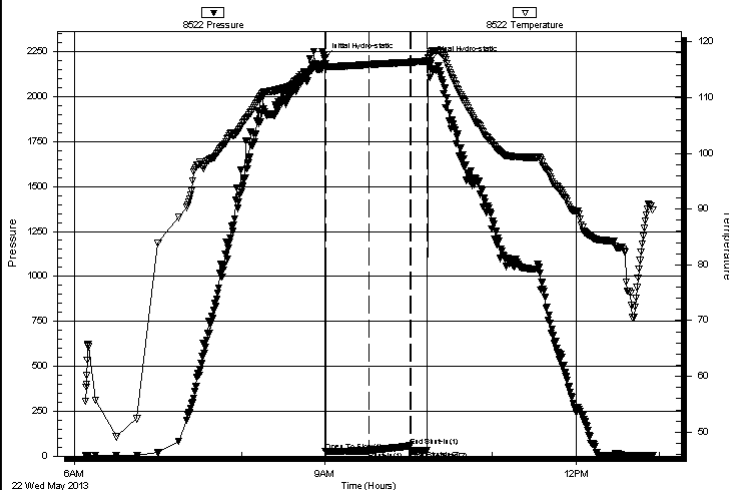
TEST COMMENT: IF: Surface Blow .

IS: No return.

FF: No blow

Flushed tool waited 5 min pulled test.

Pressure vs. Time



PRESSURE SUMMARY

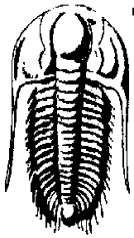
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2215.85	116.03	Initial Hydro-static
1	26.24	115.28	Open To Flow (1)
32	28.77	115.91	Shut-In(1)
61	56.62	116.33	End Shut-In(1)
62	29.09	116.33	Open To Flow (2)
73	32.01	116.55	Shut-In(2)
76	2199.33	117.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud 100m (Oil spots in tool)	0.20

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

Habit Petroleum LLC

639 280th Ave.
Hays KS 67601

ATTN: Al Downing

2-24s-21w-Hodgeman,KS

Regnier #3

Job Ticket: 48752

DST#: 1

Test Start: 2013.05.22 @ 06:08:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:00:15

Time Test Ended: 12:55:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 53

Interval: 4408.00 ft (KB) To 4482.00 ft (KB) (TVD)

Total Depth: 4482.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2356.00 ft (KB)

2343.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8677 Inside

Press@RunDepth: psig @ 4409.00 ft (KB)

Start Date: 2013.05.22

End Date:

2013.05.22

Start Time: 06:08:05

End Time:

12:53:44

Capacity: 8000.00 psig

Last Calib.:

2013.05.22

Time On Btm:

Time Off Btm:

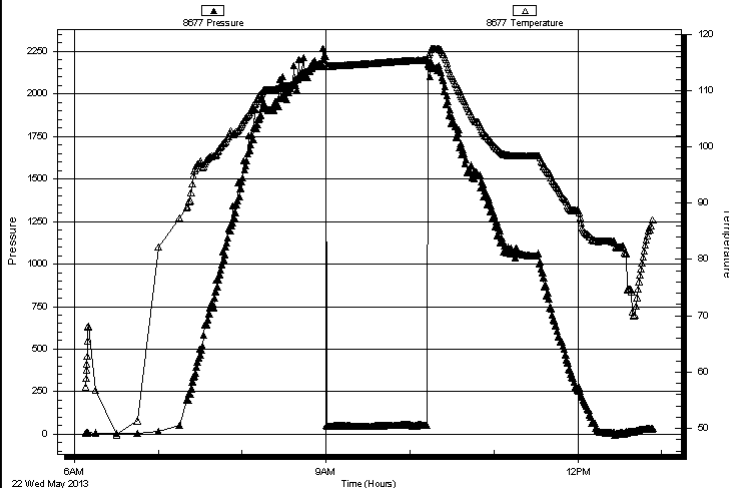
TEST COMMENT: IF: Surface Blow .

IS: No return.

FF: No blow

Flushed tool waited 5 min pulled test.

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
20.00	Mud 100m (Oil spots in tool)	0.20

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Habit Petroleum LLC

2-24s-21w-Hodgeman, KS

639 280th Ave.
Hays KS 67601

Regnier #3

Job Ticket: 48752

DST#: 1

ATTN: Al Downing

Test Start: 2013.05.22 @ 06:08:00

Tool Information

Drill Pipe:	Length:	4396.00 ft	Diameter:	3.20 inches	Volume:	43.73 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	85000.00 lb
					Total Volume:	43.73 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	15.00 ft					String Weight: Initial	60000.00 lb	
Depth to Top Packer:	4408.00 ft					Final	60000.00 lb	
Depth to Bottom Packer:	ft							
Interval between Packers:	74.00 ft							
Tool Length:	101.00 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			4382.00	
Shut In Tool	5.00			4387.00	
Hydraulic tool	5.00			4392.00	
Jars	5.00			4397.00	
Safety Joint	2.00			4399.00	
Packer	5.00			4404.00	27.00 Bottom Of Top Packer
Packer	4.00			4408.00	
Stubb	1.00			4409.00	
Recorder	0.00	8677	Inside	4409.00	
Recorder	0.00	8522	Outside	4409.00	
Perforations	5.00			4414.00	
Change Over Sub	1.00			4415.00	
Drill Pipe	63.00			4478.00	
Change Over Sub	1.00			4479.00	
Bullnose	3.00			4482.00	74.00 Bottom Packers & Anchor

Total Tool Length: 101.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Habit Petroleum LLC

2-24s-21w-Hodgeman,KS

639 280th Ave.
Hays KS 67601

Regnier #3

Job Ticket: 48752

DST#: 1

ATTN: Al Downing

Test Start: 2013.05.22 @ 06:08:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.57 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Mud 100m (Oil spots in tool)	0.199

Total Length: 20.00 ft

Total Volume: 0.199 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

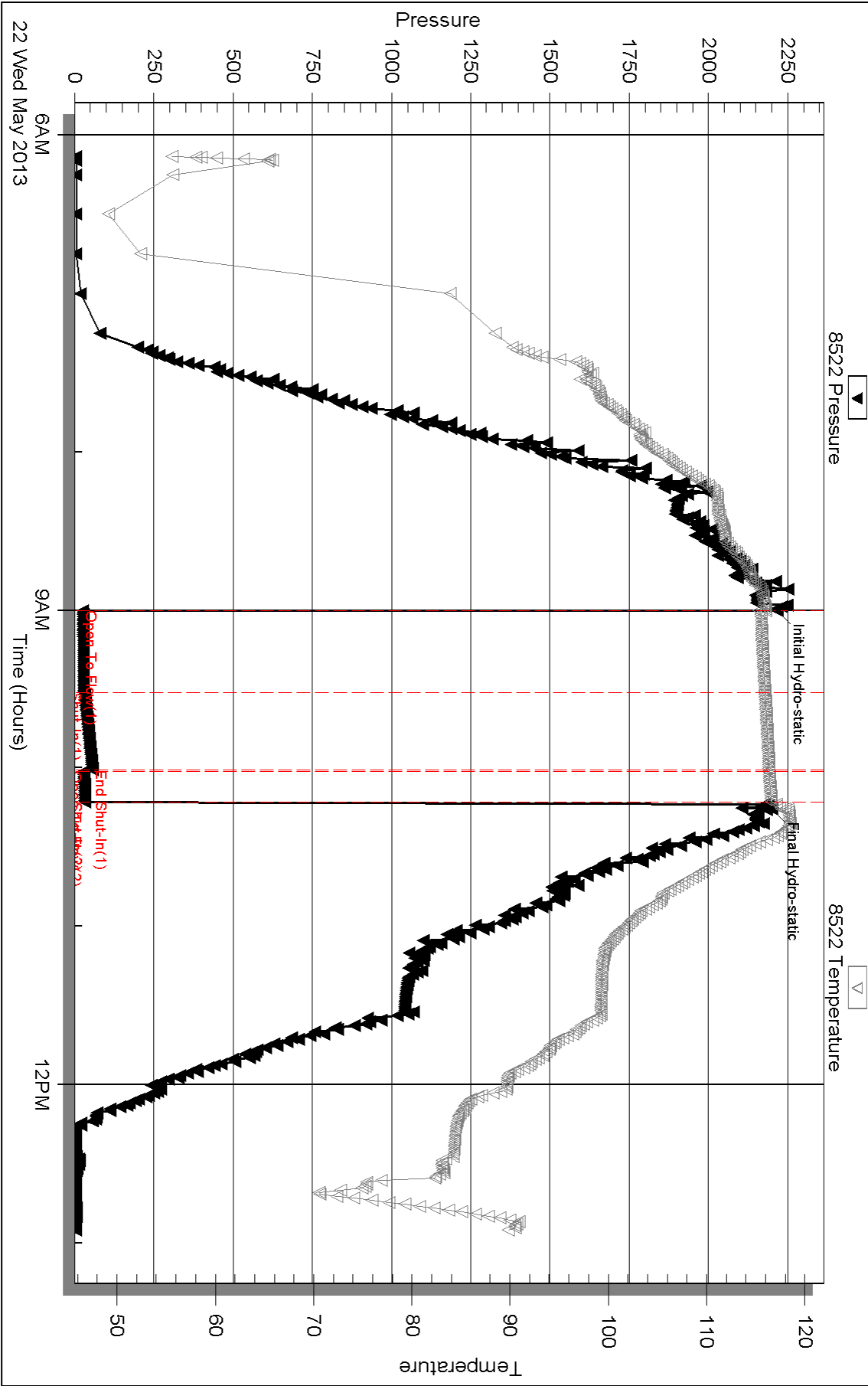
Serial #: 8522

Outside Habit Petroleum LLC

Regin# #3

DST Test Number: 1

Pressure vs. Time



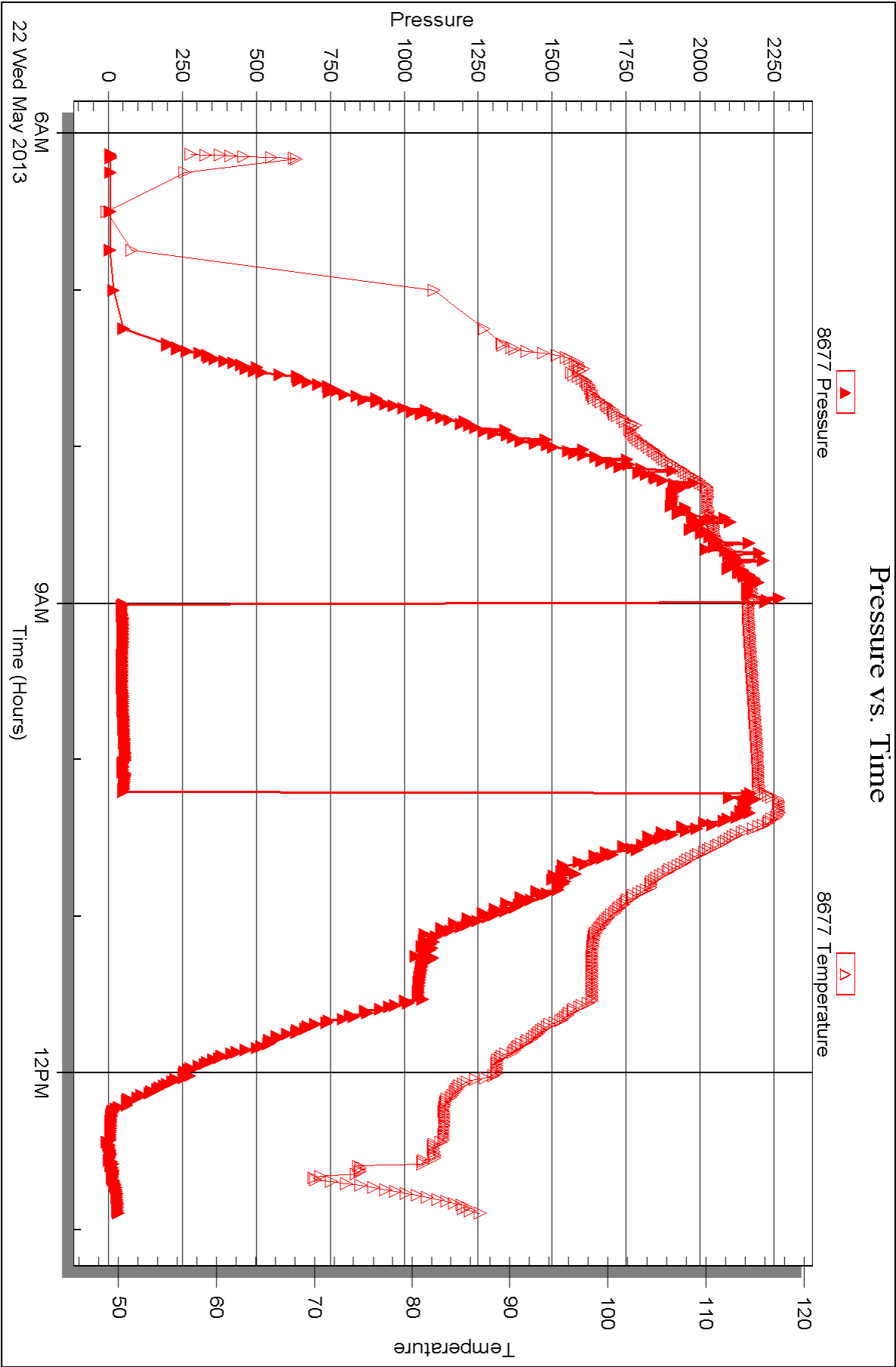
Serial #: 8677

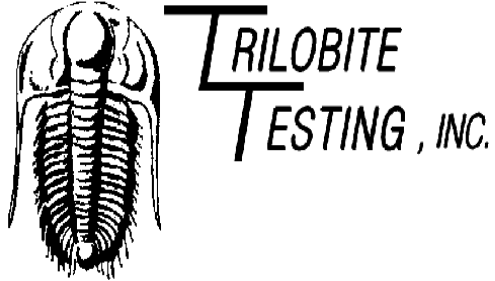
Inside

Habit Petroleum LLC

Regnier #3

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Habit Petroleum LLC**

639 280th Ave.
Hays KS 67601

ATTN: Al Downing

Regnier #3

2-24s-21w-Hodgeman,KS

Start Date: 2013.05.23 @ 03:28:00

End Date: 2013.05.23 @ 11:55:45

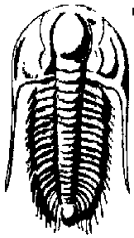
Job Ticket #: 48753 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.05.29 @ 14:50:34



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Habit Petroleum LLC

639 280th Ave.
Hays KS 67601

ATTN: Al Downing

2-24s-21w-Hodgeman,KS

Regnier #3

Job Ticket: 48753

DST#: 2

Test Start: 2013.05.23 @ 03:28:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:49:30

Time Test Ended: 11:55:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 53

Interval: 4606.00 ft (KB) To 4632.00 ft (KB) (TVD)

Total Depth: 4632.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2356.00 ft (KB)

2343.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8522 Outside

Press@RunDepth: 132.20 psig @ 4607.00 ft (KB)

Start Date: 2013.05.23

End Date:

2013.05.23

Start Time: 03:28:05

End Time:

11:55:44

Capacity: 8000.00 psig

Last Calib.: 2013.05.23

Time On Btm: 2013.05.23 @ 05:48:30

Time Off Btm: 2013.05.23 @ 09:20:30

TEST COMMENT: IF-BOB @ 5 sec

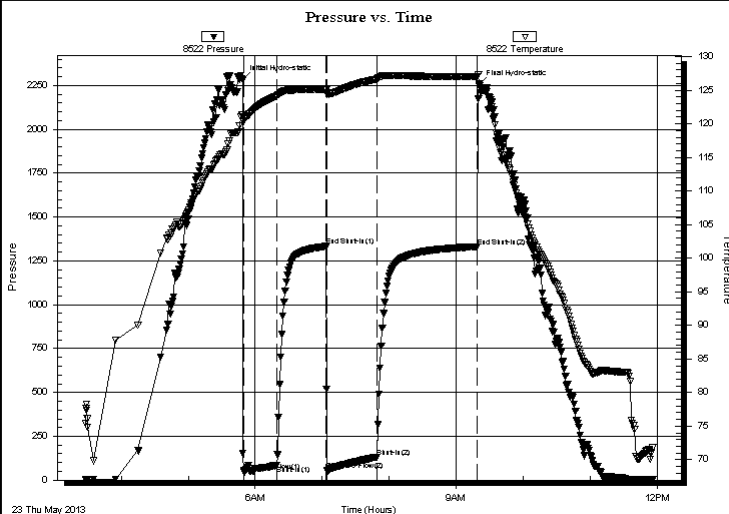
ISI-1/2" Return Blow, Gas To Surface On Bleed Off

FF- BOB Immediately starting gauging at 20 min

FSI- Surface return

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2281.63	121.36	Initial Hydro-static
1	51.82	120.29	Open To Flow (1)
31	83.58	124.14	Shut-In(1)
75	1332.99	125.06	End Shut-In(1)
76	54.00	124.41	Open To Flow (2)
121	132.20	126.65	Shut-In(2)
211	1331.85	127.04	End Shut-In(2)
212	2252.40	125.99	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbl)
155.00	mcw 30m 70w	1.54
0.00	GTS	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	15.00	11.00
Last Gas Rate	0.13	28.00	15.87
Max. Gas Rate	0.13	28.00	15.87

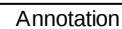
* Recovery from multiple tests



Test Start: 2013.05.23 @ 03:28:00

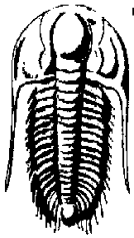
KB to GR/CF: 13.00 ft

FSI- Surface return



	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	15.00	11.00
Last Gas Rate	0.13	28.00	15.87
Max. Gas Rate	0.13	28.00	15.87

Printed: 2013.05.29 @ 14:50:35



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Habit Petroleum LLC

2-24s-21w-Hodgeman, KS

639 280th Ave.
Hays KS 67601

Regnier #3

Job Ticket: 48753

DST#: 2

ATTN: Al Downing

Test Start: 2013.05.23 @ 03:28:00

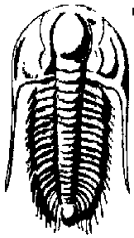
Tool Information

Drill Pipe:	Length:	4587.00 ft	Diameter:	3.20 inches	Volume:	45.63 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	80000.00 lb
					Total Volume:	45.63 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		8.00 ft					String Weight: Initial	62000.00 lb
Depth to Top Packer:		4606.00 ft					Final	63000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		26.00 ft						
Tool Length:		53.00 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			4580.00	
Shut In Tool	5.00			4585.00	
Hydraulic tool	5.00			4590.00	
Jars	5.00			4595.00	
Safety Joint	2.00			4597.00	
Packer	5.00			4602.00	27.00 Bottom Of Top Packer
Packer	4.00			4606.00	
Stubb	1.00			4607.00	
Recorder	0.00	8677	Inside	4607.00	
Recorder	0.00	8522	Outside	4607.00	
Perforations	22.00			4629.00	
Bullnose	3.00			4632.00	26.00 Bottom Packers & Anchor

Total Tool Length: 53.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Habit Petroleum LLC

2-24s-21w-Hodgeman,KS

639 280th Ave.
Hays KS 67601

Regnier #3

Job Ticket: 48753

DST#: 2

ATTN: Al Downing

Test Start: 2013.05.23 @ 03:28:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

66000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.37 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
155.00	mcw 30m 70w	1.542
0.00	GTS	0.000

Total Length: 155.00 ft

Total Volume: 1.542 bbl

Num Fluid Samples: 0

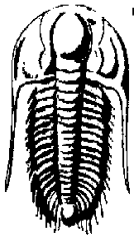
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .110 @ 72F = 66,000ppm



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Habit Petroleum LLC

2-24s-21w-Hodgeman, KS

639 280th Ave.
Hays KS 67601

Regnier #3

Job Ticket: 48753

DST#: 2

ATTN: Al Downing

Test Start: 2013.05.23 @ 03:28:00

Gas Rates Information

Temperature: 59 (deg F)

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

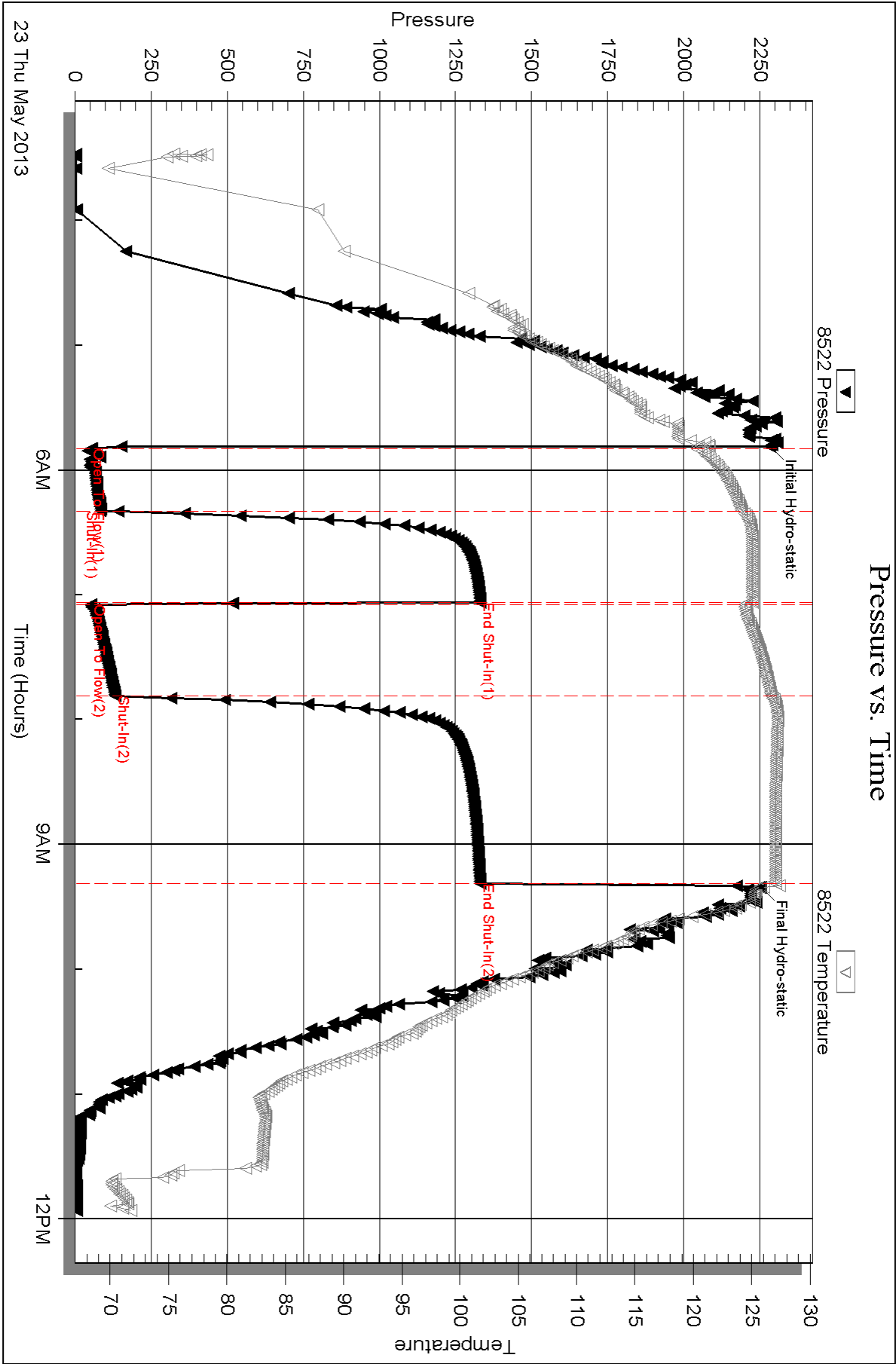
Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
2	20	0.13	15.00	11.00
2	25	0.13	19.00	12.50
2	30	0.13	21.00	13.25
2	35	0.13	23.00	14.00
2	40	0.13	26.00	15.12
2	45	0.13	28.00	15.87

Serial #: 8522

Outside Habit Petroleum LLC

Regnier #3

DST Test Number: 2



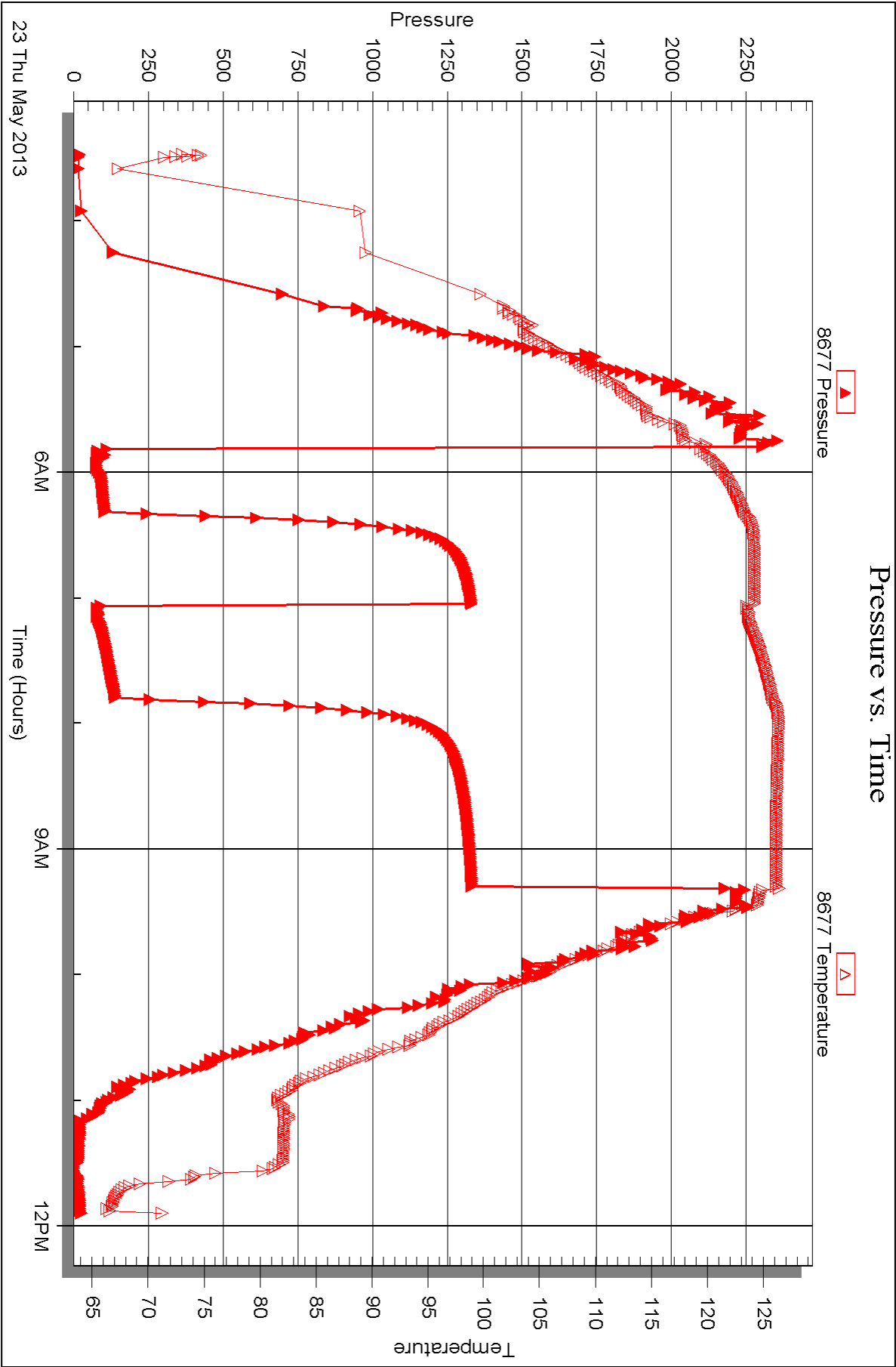
Serial #: 8677

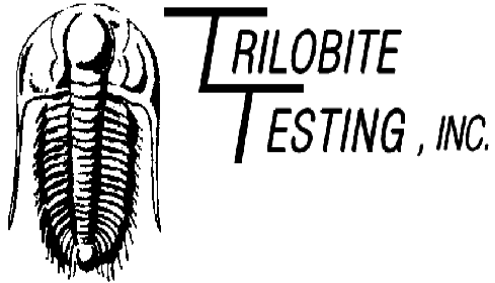
Inside

Habit Petroleum LLC

Regnet #3

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Habit Petroleum LLC**

639 280th Ave.
Hays KS 67601

ATTN: Al Downing

Regnier #3

2-24s-21w-Hodgeman,KS

Start Date: 2013.05.23 @ 20:37:00

End Date: 2013.05.24 @ 04:48:15

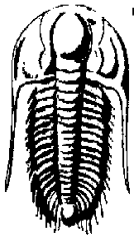
Job Ticket #: 48754 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.05.29 @ 14:53:30



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Habit Petroleum LLC

639 280th Ave.
Hays KS 67601

ATTN: Al Downing

2-24s-21w-Hodgeman,KS

Regnier #3

Job Ticket: 48754

DST#: 3

Test Start: 2013.05.23 @ 20:37:00

GENERAL INFORMATION:

Formation: **Osage**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:59:00

Time Test Ended: 04:48:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 53

Interval: 4636.00 ft (KB) To 4664.00 ft (KB) (TVD)

Total Depth: 4664.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2356.00 ft (KB)

2343.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8522 Outside

Press@RunDepth: 25.04 psig @ 4637.00 ft (KB)

Start Date: 2013.05.23

End Date:

2013.05.24

Start Time: 20:37:05

End Time:

04:48:14

Capacity: 8000.00 psig

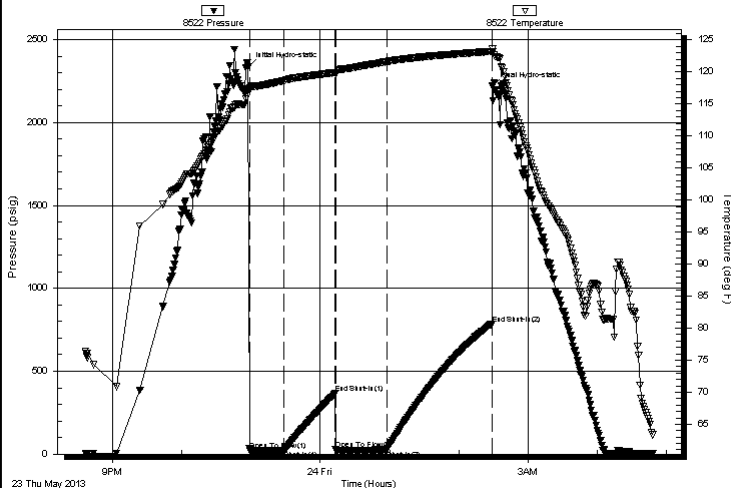
Last Calib.: 2013.05.24

Time On Btm: 2013.05.23 @ 22:58:00

Time Off Btm: 2013.05.24 @ 02:29:15

TEST COMMENT: IF: BOB 2 min
IS: BOB 1 min
FF: BOB Immediately
FS: BOB 1 min

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2337.45	117.45	Initial Hydro-static
1	21.31	117.49	Open To Flow (1)
31	20.88	118.65	Shut-In(1)
75	366.31	119.93	End Shut-In(1)
76	25.91	119.79	Open To Flow (2)
120	25.04	121.61	Shut-In(2)
211	785.73	123.22	End Shut-In(2)
212	2219.43	123.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100m	0.15
0.00	No gas would burn durring test	0.00
0.00	no gas detected durring trip out.	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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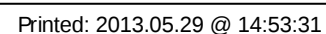
* Recovery from multiple tests

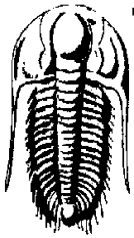


Test Start: 2013.05.23 @ 20:37:00

KB to GR/CF: 13.00 ft

Time Off Btm:





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Habit Petroleum LLC

2-24s-21w-Hodgeman, KS

639 280th Ave.
Hays KS 67601

Regnier #3

Job Ticket: 48754

DST#: 3

ATTN: Al Downing

Test Start: 2013.05.23 @ 20:37:00

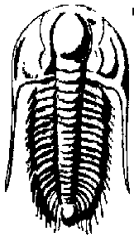
Tool Information

Drill Pipe:	Length:	4618.00 ft	Diameter:	3.20 inches	Volume:	45.94 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	80000.00 lb
					Total Volume:	45.94 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		9.00 ft					String Weight: Initial	63000.00 lb
Depth to Top Packer:		4636.00 ft					Final	63000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		28.00 ft						
Tool Length:		55.00 ft						
Number of Packers:		4	Diameter:	6.75 inches				
Tool Comments:								

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4610.00	
Shut In Tool	5.00			4615.00	
Hydraulic tool	5.00			4620.00	
Jars	5.00			4625.00	
Safety Joint	2.00			4627.00	
Packer	5.00			4632.00	27.00 Bottom Of Top Packer
Packer	4.00			4636.00	
Stubb	1.00			4637.00	
Recorder	0.00	8677	Inside	4637.00	
Recorder	0.00	8522	Outside	4637.00	
Perforations	24.00			4661.00	
Bullnose	3.00			4664.00	28.00 Bottom Packers & Anchor

Total Tool Length: 55.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Habit Petroleum LLC

2-24s-21w-Hodgeman,KS

639 280th Ave.
Hays KS 67601

Regnier #3

Job Ticket: 48754

DST#: 3

ATTN: Al Downing

Test Start: 2013.05.23 @ 20:37:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 61.00 sec/qt

Water Loss: 10.78 in³

Resistivity: ohm.m

Salinity: 5100.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

0 deg API

0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud 100m	0.149
0.00	No gas would burn during test	0.000
0.00	no gas detected during trip out.	0.000

Total Length: 15.00 ft

Total Volume: 0.149 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

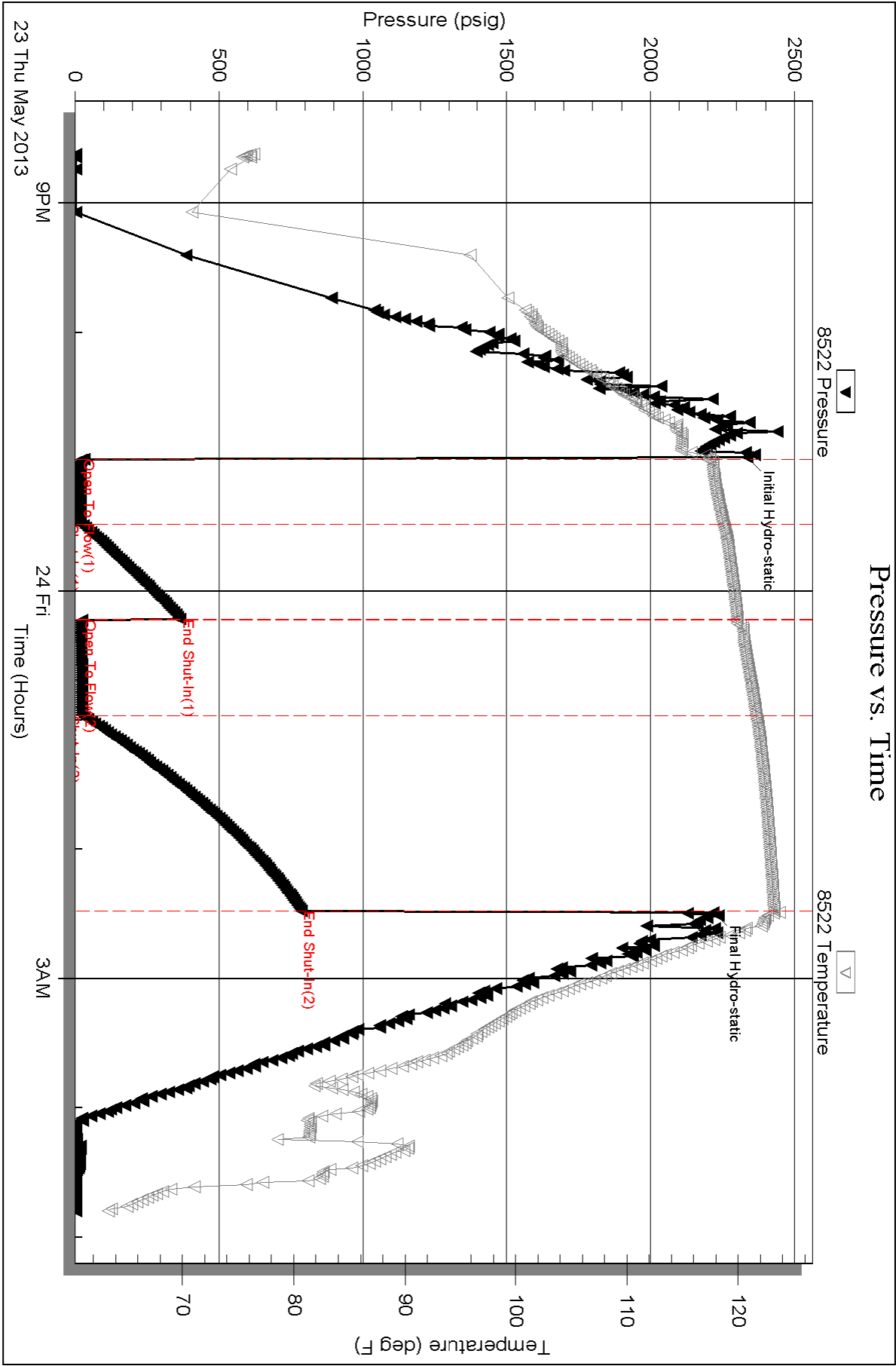
Recovery Comments:

Serial #: 8522

Outside Habit Petroleum LLC

Regner #3

DST Test Number: 3



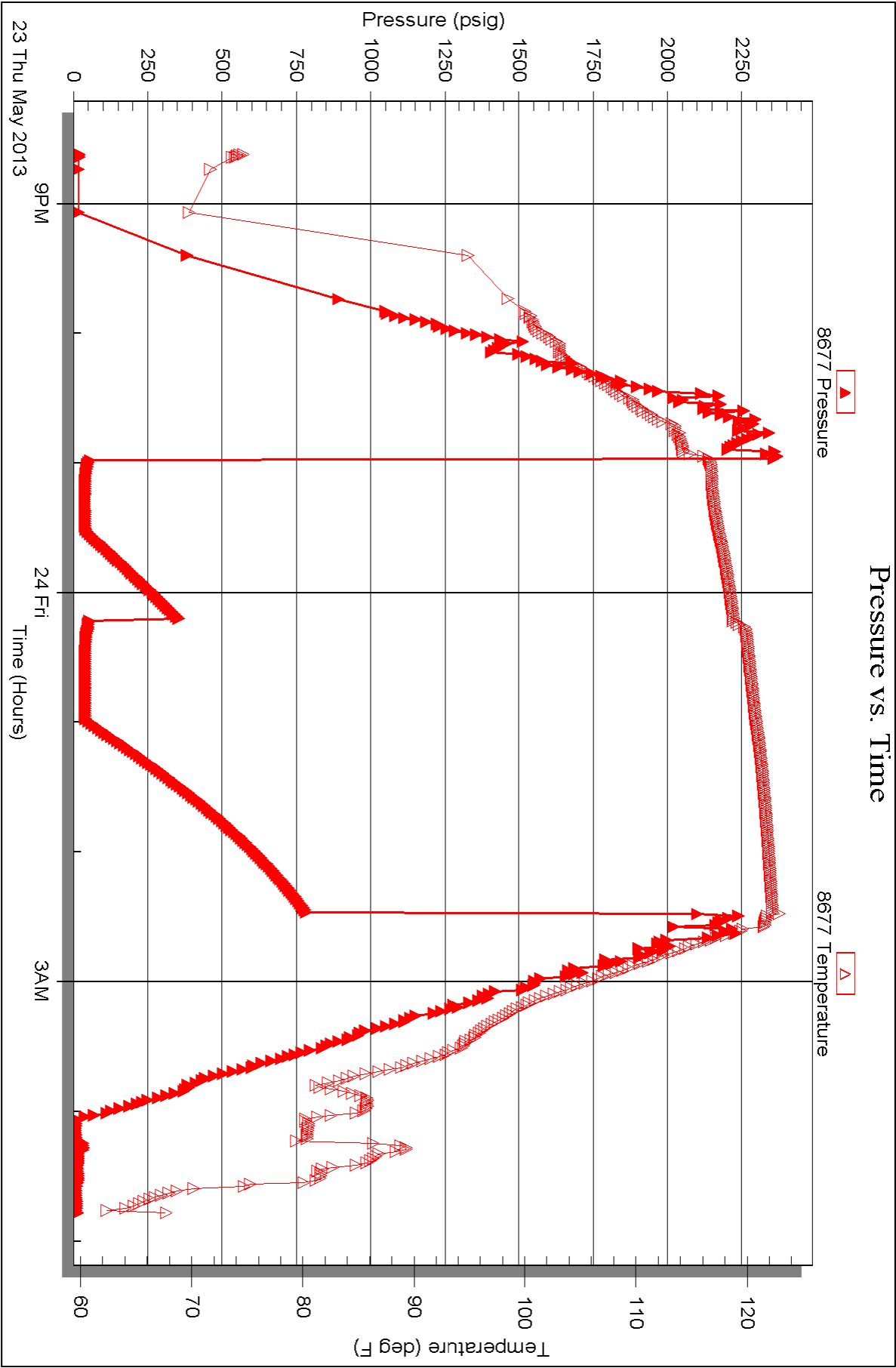
Serial #: 8677

Inside

Habit Petroleum LLC

Regist #3

DST Test Number: 3





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48752

Well Name & No. Regnier #3 Test No. 1 Date 5-22-13
 Company Habit Petroleum LLC Elevation 2343 KB 2356.00 GL
 Address 639 280th Ave. Hays KS 67601
 Co. Rep / Geo. Allen Downing Rig #101 Minnescah
 Location: Sec. 2 Twp. 24S Rge. 21W Co. Hodgeman State Ks

Interval Tested 4408-4482 Zone Tested Marmaton
 Anchor Length 74' Drill Pipe Run 4396 Mud Wt. 9.2
 Top Packer Depth 4403 Drill Collars Run 0 Vis 48
 Bottom Packer Depth 4408 Wt. Pipe Run 60,000 0 WL 10.6
 Total Depth 4482 Chlorides 4800 ppm System LCM 0
 Blow Description IF: Surface Blow
IST: No Return
FF: No Blow - Flushed Tool Pulled Test After 5 min

Rec <u>20</u>	Feet of <u>160</u>	<u>100 m</u>	%gas	%oil	%water	%mud
Rec	Feet of	<u>OIL spots in tool</u>	%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

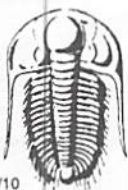
Rec Total 20 BHT 117 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2216</u>	☒ Test <u>1250</u>	T-On Location <u>05:00</u>
(B) First Initial Flow <u>26</u>	☒ Jars <u>250</u>	T-Started <u>0608</u>
(C) First Final Flow <u>29</u>	☒ Safety Joint <u>75</u>	T-Open <u>0901</u>
(D) Initial Shut-In <u>57</u>	☒ Circ Sub <u>n/c</u>	T-Pulled <u>1012</u>
(E) Second Initial Flow <u>29</u>	☐ Hourly Standby	T-Out <u>1255</u>
(F) Second Final Flow <u>32</u>	☒ Mileage <u>152rt 235.60</u>	Comments <u>Stayed in</u>
(G) Final Shut-In <u>N/A</u>	☐ Sampler	<u>Kmsley</u>
(H) Final Hydrostatic <u>2199</u>	☐ Straddle	☐ Ruined Shale Packer
Initial Open <u>36</u>	☐ Shale Packer	☐ Ruined Packer
Initial Shut-In <u>30</u>	☐ Extra Packer	☐ Extra Copies
Final Flow <u>10</u>	☐ Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>pulled</u>	☐ Day Standby	Total <u>1810.60</u>
	☐ Accessibility	MP/DST Disc't
	Sub Total <u>1810.60</u>	

Approved By _____ 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.

Comelo x Tromac



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48753

Well Name & No. Regnier #3 Test No. 2 Date 5-23-13
 Company Habit Petroleum LLC Elevation 2343 KB 2356 GL
 Address 639 280th Ave Hays KS 67601
 Co. Rep / Geo. Allen Downing Rig Ninnescah #101
 Location: Sec. 2 Twp. 24S Rge. 21W Co. Hodgeman State KS

Interval Tested 4606-4632 Zone Tested Mississippian
 Anchor Length 26' Drill Pipe Run 4587 Mud Wt. 9.4
 Top Packer Depth 4601 Drill Collars Run 0 Vis 45
 Bottom Packer Depth 4606 Wt. Pipe Run _____ WL 12.4
 Total Depth 4632 Chlorides 3300 ppm System LCM 0

Blow Description IF: BOB, 5 sec
ISI: 1/2 Return blow, Gas to surface during bleed off
EF: BOB Immediately, Began gauging @ 20 min
ESI: Began gaug surface return

Rec	Feet of	%gas	%oil	%water	%mud
<u>155</u>	<u>mcw</u>		<u>70</u>	<u>30</u>	
	<u>4430 GIP</u>				

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

(A) Initial Hydrostatic <u>2282</u>	☒ Test <u>1250</u>	T-On Location <u>0200</u>
(B) First Initial Flow <u>52</u>	☒ Jars <u>250</u>	T-Started <u>0328</u>
(C) First Final Flow <u>84</u>	☒ Safety Joint <u>75</u>	T-Open <u>05:44</u>
(D) Initial Shut-In <u>1333</u>	☒ Circ Sub <u>n/c</u>	T-Pulled <u>09:15</u>
(E) Second Initial Flow <u>54</u>	☐ Hourly Standby _____	T-Out <u>1156</u>
(F) Second Final Flow <u>132</u>	☒ Mileage <u>235.60</u>	Comments <u>Stayed in</u>
(G) Final Shut-In <u>1332</u>	☐ Sampler _____	<u>Kinsley</u>
(H) Final Hydrostatic <u>2252</u>	☐ Straddle _____	

Initial Open <u>30</u>	☐ Shale Packer _____	☐ Ruined Shale Packer _____
Initial Shut-In <u>45</u>	☐ Extra Packer _____	☐ Ruined Packer _____
Final Flow <u>45</u>	☐ Extra Recorder _____	☐ Extra Copies _____
Final Shut-In <u>90</u>	☐ Day Standby _____	Sub Total <u>0</u>
	☐ Accessibility _____	Total <u>1810.60</u>
	Sub Total <u>1810.60</u>	MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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Carmelo x Toner



P.O. Box 1733 • Hays, Kansas 67601

Habit Petroleum LLC

Operator

Regnier #3

Well Name and No.

2

DST No.

[illegible]

Remarks:

Did Gas burn ☒ Y or ☐ N

1 Sample sent to Caraway Analytical Liberal, KS



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48754

Well Name & No. Regnier #3 Test No. 3 Date 5-23-13
 Company Habit Petroleum LLC Elevation 2343 KB 2356 GL
 Address 639 280th Ave Hays, KS 67601
 Co. Rep / Geo. Allen Downing Rig Ninnescah #101
 Location: Sec. 2 Twp. 24S Rge. 21W Co. Hodgeman State KS

Interval Tested 4636-4664 Zone Tested OSage
 Anchor Length 28' Drill Pipe Run 41618 Mud Wt. 9.3
 Top Packer Depth 4631 Drill Collars Run 0 Vis 61
 Bottom Packer Depth 4636 Wt. Pipe Run _____ WL 10.8
 Total Depth 4664 Chlorides 5100 ppm System LCM 0
 Blow Description IF: BOB-2 min
ISI: BOB-1 min
FF: BOB Immediately
F.SI: BOB 1 min

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>Mud</u>			<u>100</u>	
	<u>very slight gassy odor detected</u>				

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

(A) Initial Hydrostatic <u>2337</u>	☒ Test 1250	T-On Location <u>19:10</u>
(B) First Initial Flow <u>21</u>	☒ Jars 250	T-Started <u>20:37</u>
(C) First Final Flow <u>21</u>	☒ Safety Joint 75	T-Open <u>22:58</u>
(D) Initial Shut-In <u>366</u>	☒ Circ Sub <u>n/c</u>	T-Pulled <u>02:28</u>
(E) Second Initial Flow <u>26</u>	☐ Hourly Standby _____	T-Out <u>04:48</u>
(F) Second Final Flow <u>25</u>	☒ Mileage 235.60	Comments _____
(G) Final Shut-In <u>786</u>	☐ Sampler _____	
(H) Final Hydrostatic <u>2219</u>	☐ Straddle _____	☐ Ruined Shale Packer _____
	☐ Shale Packer _____	☐ Ruined Packer _____
Initial Open <u>30</u>	☐ Extra Packer _____	☐ Extra Copies _____
Initial Shut-In <u>45</u>	☐ Extra Recorder _____	Sub Total <u>0</u>
Final Flow <u>45</u>	☐ Day Standby _____	Total <u>1810.60</u>
Final Shut-In <u>90</u>	☐ Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1810.60</u>	

Approved By _____

Our Representative [Signature]

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CORNELIO & Training