



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8080 E Central Ste 300
Wichita KS 67206

ATTN: Evan Stone

Gamble A #1-11

11-27s-18w Kiowa,KS

Start Date: 2013.05.30 @ 06:00:13

End Date: 2013.05.30 @ 15:22:13

Job Ticket #: 50979 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.06.05 @ 10:05:35

McCoy Petroleum Corporation

11-27s-18w Kiowa,KS

Gamble A #1-11

DST # 1

Mississippi

2013.05.30



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

McCoy Petroleum Corporation

11-27s-18w Kiowa,KS

8080 E Central Ste 300
Wichita KS 67206

Gamble A #1-11

Job Ticket: 50979

DST#: 1

ATTN: Evan Stone

Test Start: 2013.05.30 @ 06:00:13

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:32:43

Time Test Ended: 15:22:13

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 45

Interval: 4715.00 ft (KB) To 4737.00 ft (KB) (TVD)

Reference Elevations: 2188.00 ft (KB)

Total Depth: 4737.00 ft (KB) (TVD)

2177.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 6798 Inside

Press @ Run Depth: 41.68 psig @ 4716.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.05.30

End Date: 2013.05.30

Last Calib.: 2013.05.30

Start Time: 06:00:14

End Time: 15:22:13

Time On Btm: 2013.05.30 @ 08:30:43

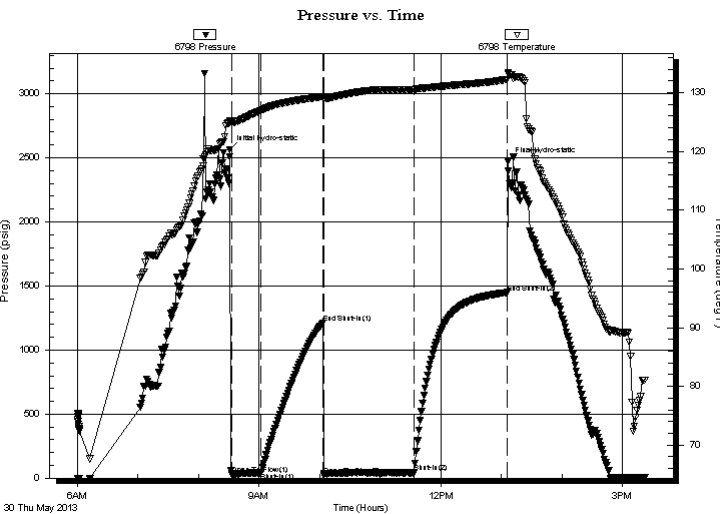
Time Off Btm: 2013.05.30 @ 13:06:43

TEST COMMENT: IF: Strong Blow , BOB in 45 seconds

IS: No Blow Back

FF: Strong Blow , BOB Immediate, GTS in 43 minutes, TSTM, Caught Sample

FSI: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2560.40	124.97	Initial Hydro-static
2	28.68	125.11	Open To Flow (1)
32	42.98	126.98	Shut-In(1)
93	1210.56	129.33	End Shut-In(1)
94	23.53	128.97	Open To Flow (2)
183	41.68	130.55	Shut-In(2)
275	1448.31	132.22	End Shut-In(2)
276	2467.70	133.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GTS	0.00
70.00	GCM	0.34

Gas Rates

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



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TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corporation

11-27s-18w Kiowa,KS

8080 E Central Ste 300
Wichita KS 67206

Gamble A #1-11

Job Ticket: 50979

DST#: 1

ATTN: Evan Stone

Test Start: 2013.05.30 @ 06:00:13

Tool Information

Drill Pipe:	Length: 4524.00 ft	Diameter: 3.80 inches	Volume: 63.46 bbl	Tool Weight: 2100.00 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: 185.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 64.37 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4715.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	49.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4693.00	
Hydraulic tool	5.00			4698.00	
Jars	5.00			4703.00	
Safety Joint	2.00			4705.00	
Packer	5.00			4710.00	27.00 Bottom Of Top Packer
Packer	5.00			4715.00	
Stubb	1.00			4716.00	
Recorder	0.00	6798	Inside	4716.00	
Recorder	0.00	8367	Outside	4716.00	
Perforations	18.00			4734.00	
Bullnose	3.00			4737.00	22.00 Bottom Packers & Anchor

Total Tool Length: 49.00



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FLUID SUMMARY

McCoy Petroleum Corporation

11-27s-18w Kiowa,KS

8080 E Central Ste 300
Wichita KS 67206

Gamble A #1-11

Job Ticket: 50979

DST#: 1

ATTN: Evan Stone

Test Start: 2013.05.30 @ 06:00:13

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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 12.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.03 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	GTS	0.000
70.00	GCM	0.344

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

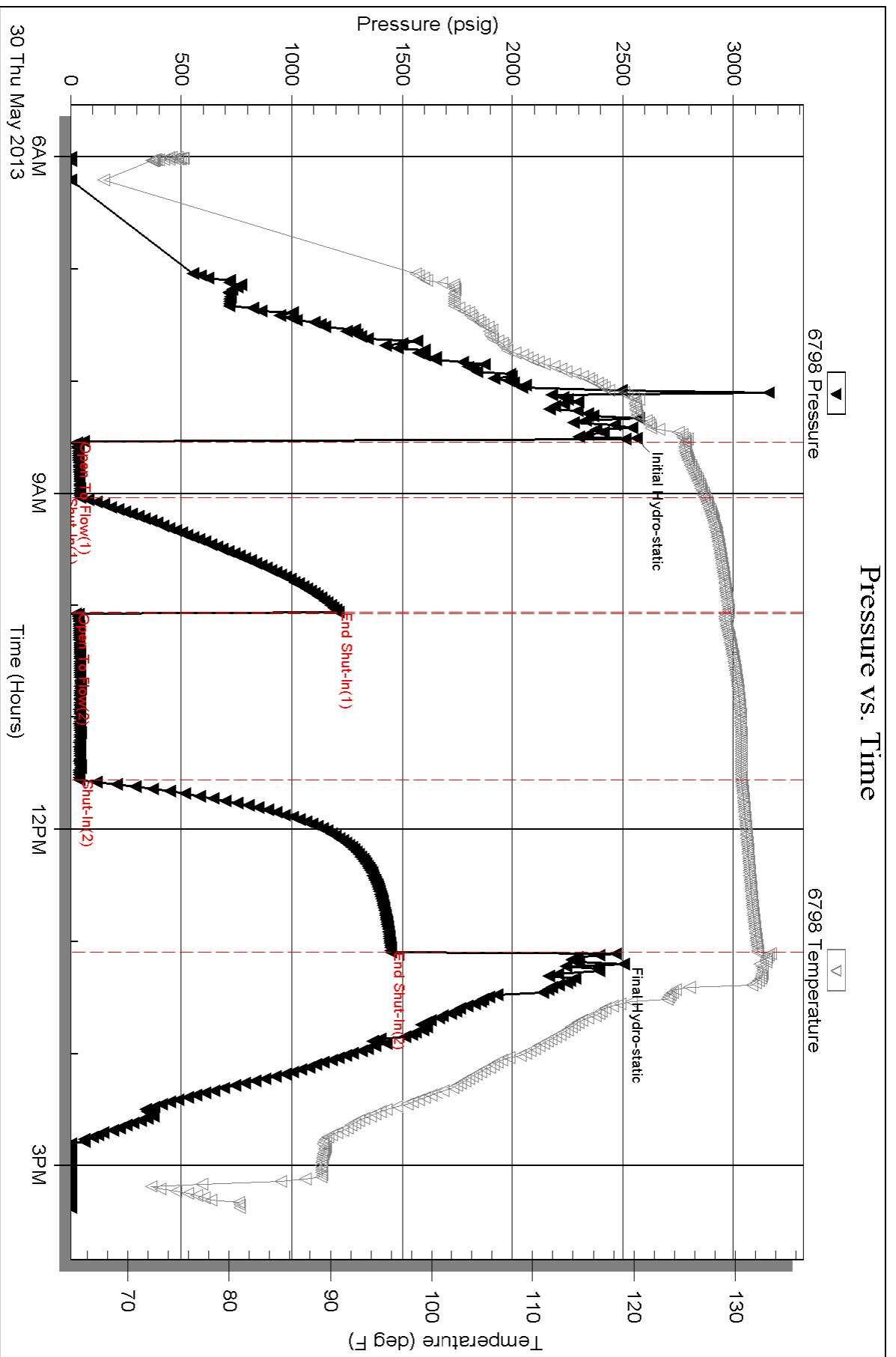
Serial #: 6798

Inside

McCoy Petroleum Corporation

Gamble A #1-11

DST Test Number: 1

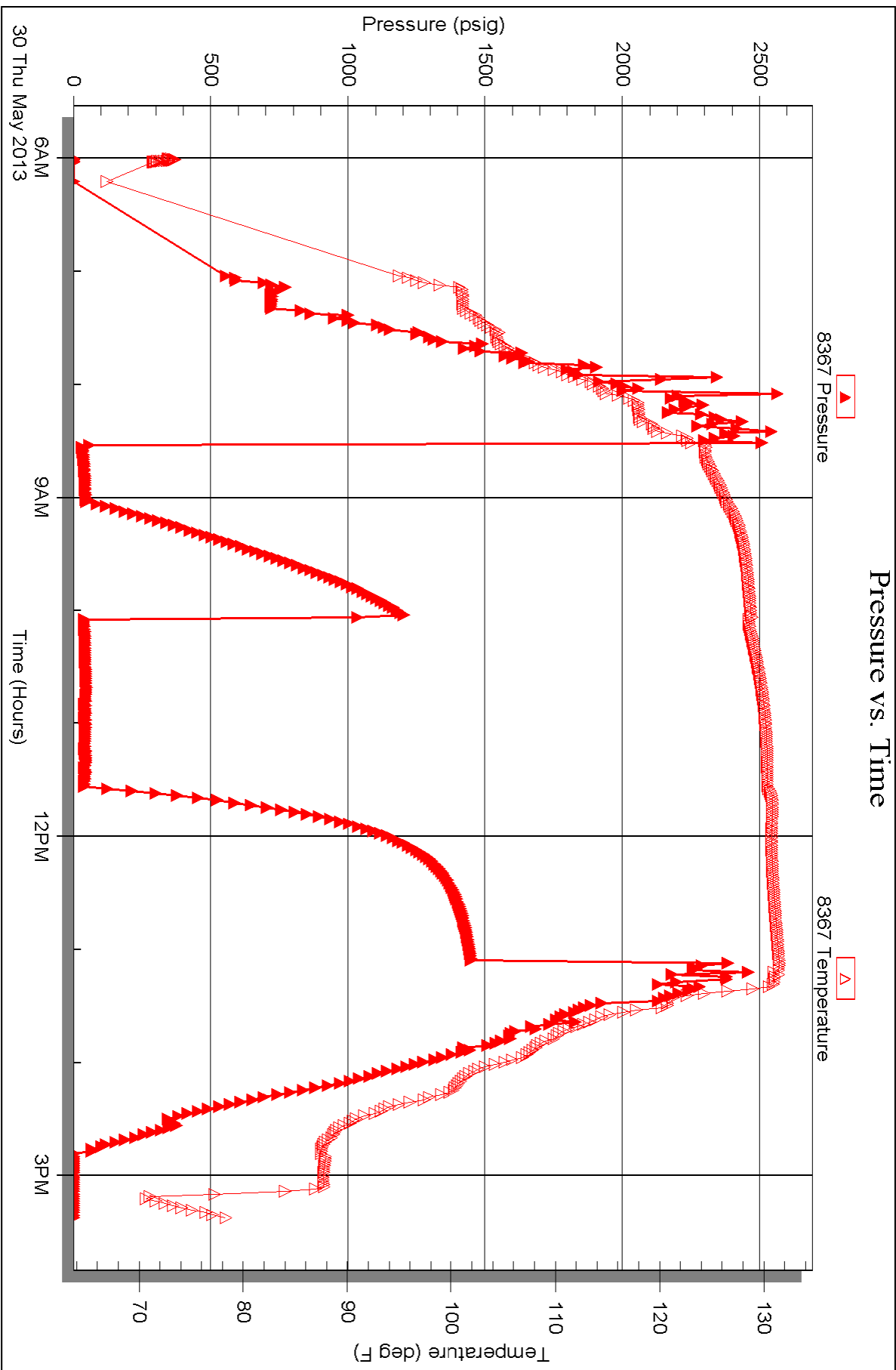


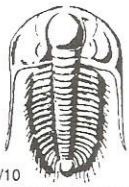
Serial #: 8367

Outside McCoy Petroleum Corporation

Gamble A #1-11

DST Test Number: 1





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50979

Well Name & No. Gamble A 1-11 Test No. 1 Date 05/30/13
 Company McCoy Petroleum Corporation Elevation 2188 KB 2177 GL
 Address 8080 E Central Ste 300 Wichita, KS 67206
 Co. Rep / Geo. Evan Stone Rig Sterling 2
 Location: Sec. 11 Twp. 27S Rge. 18W Co. Kiowa State KS

Interval Tested 4715 - 4737 Zone Tested Mississippi
 Anchor Length 22 Drill Pipe Run 4524 Mud Wt. 9.1
 Top Packer Depth 4710 Drill Collars Run 185 Vis 61
 Bottom Packer Depth 4715 Wt. Pipe Run 0 WL 12.4
 Total Depth 4737 Chlorides 7000 ppm System LCM 1

Blow Description IF: Strong Blow, BOB in 45 seconds
ISL: NO Blow Back
FK: Strong Blow, BOB immediate, GTS in 43 minutes, TSTM, caught sample
FSL: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>4639</u>	<u>GIP</u>				
<u>70</u>	<u>GCM</u>	<u>2</u>			<u>98</u>

Rec Total 70 BHT 132 Gravity N/C API RW N/C @ N/C F Chlorides N/C ppm

(A) Initial Hydrostatic <u>2560</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>05:30</u>
(B) First Initial Flow <u>29</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>06:00</u>
(C) First Final Flow <u>43</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>08:32</u>
(D) Initial Shut-In <u>1211</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>13:05</u>
(E) Second Initial Flow <u>24</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>15:22</u>
(F) Second Final Flow <u>42</u>	<input checked="" type="checkbox"/> Mileage <u>(80)</u> <u>124</u>	Comments _____
(G) Final Shut-In <u>1448</u>	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>2468</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>90</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby	Total <u>1699</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>1699</u>	

Approved By [Signature] Our Representative [Signature]

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