



## DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp.**

8080 E Central Ste 300  
Wichita, KS 67206

ATTN: Jerry Smith

### **Karlin B #1-3**

### **3-11s-33w Logan,KS**

Start Date: 2012.09.05 @ 04:54:50

End Date: 2012.09.05 @ 13:45:20

Job Ticket #: 48417                      DST #: 1

Trilobite Testing, Inc

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**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

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

**3-11s-33w Logan,KS**

**Karlin B #1-3**

Job Ticket: 48417

**DST#: 1**

Test Start: 2012.09.05 @ 04:54:50

## GENERAL INFORMATION:

Formation: **Johnson**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 07:28:50  
 Time Test Ended: 13:45:20  
 Interval: **4612.00 ft (KB) To 4675.00 ft (KB) (TVD)**  
 Total Depth: 4675.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Brandon Turley  
 Unit No: 60  
 Reference Elevations: 3142.00 ft (KB)  
 3132.00 ft (CF)  
 KB to GR/CF: 10.00 ft

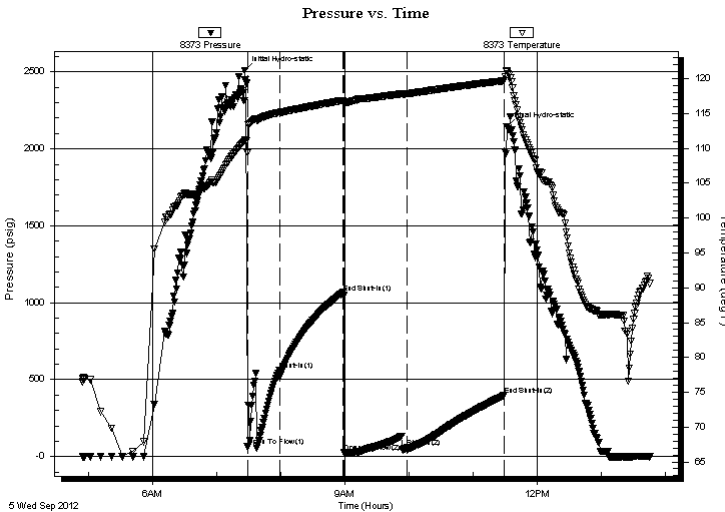
## Serial #: 8373

Inside

Press @ Run Depth: 59.30 psig @ 4613.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.09.05 End Date: 2012.09.05 Last Calib.: 2012.09.05  
 Start Time: 04:54:55 End Time: 13:45:20 Time On Btm: 2012.09.05 @ 07:26:20  
 Time Off Btm: 2012.09.05 @ 11:31:20

TEST COMMENT: IF: 1/4" blow built to 3/4" died to surface blow.  
 IS: No return.  
 FF: No blow.  
 FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2509.84	111.13	Initial Hydro-static
3	64.38	109.39	Open To Flow (1)
33	561.27	115.16	Shut-In(1)
92	1066.51	116.90	End Shut-In(1)
93	25.41	116.47	Open To Flow (2)
152	59.30	117.86	Shut-In(2)
243	398.59	119.73	End Shut-In(2)
245	2144.72	121.21	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100% m	0.02

## Gas Rates

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





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# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

McCoy Petroleum Corp.

**3-11s-33w Logan,KS**

8080 E Central Ste 300  
Wichita, KS 67206

**Karlin B #1-3**

Job Ticket: 48417

**DST#: 1**

ATTN: Jerry Smith

Test Start: 2012.09.05 @ 04:54:50

## Tool Information

Drill Pipe:	Length: 4354.00 ft	Diameter: 3.80 inches	Volume: 61.08 bbl	Tool Weight: 2000.00 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: 235.00 ft	Diameter: 2.25 inches	Volume: 1.16 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 62.24 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4612.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	63.00 ft			
Tool Length:	91.00 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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Stubb	1.00			4585.00	
Shut In Tool	5.00			4590.00	
Hydraulic tool	5.00			4595.00	
Jars	5.00			4600.00	
Safety Joint	3.00			4603.00	
Packer	5.00			4608.00	28.00 Bottom Of Top Packer
Packer	4.00			4612.00	
Stubb	1.00			4613.00	
Recorder	0.00	8373	Inside	4613.00	
Recorder	0.00	8356	Outside	4613.00	
Perforations	23.00			4636.00	
Change Over Sub	1.00			4637.00	
Drill Pipe	32.00			4669.00	
Change Over Sub	1.00			4670.00	
Bullnose	5.00			4675.00	63.00 Bottom Packers & Anchor

**Total Tool Length: 91.00**



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**FLUID SUMMARY**

McCoy Petroleum Corp.

**3-11s-33w Logan,KS**

8080 E Central Ste 300  
Wichita, KS 67206

**Karlin B #1-3**

Job Ticket: 48417

**DST#: 1**

ATTN: Jerry Smith

Test Start: 2012.09.05 @ 04:54:50

## 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: 67.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 4.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 11000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%m	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

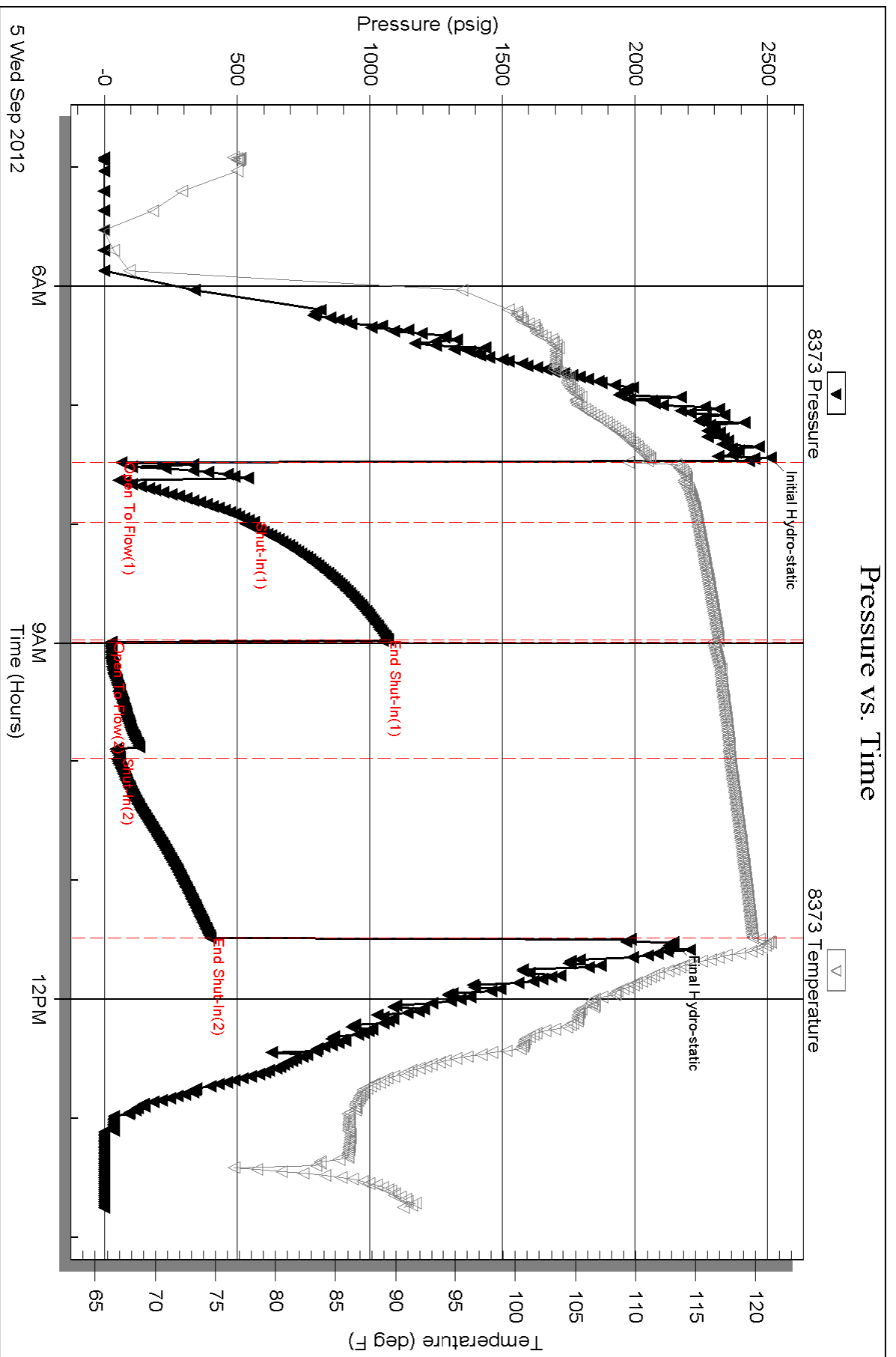
Serial #: 8373

Inside

McCoy Petroleum Corp.

Karlin B#1-3

DST Test Number: 1



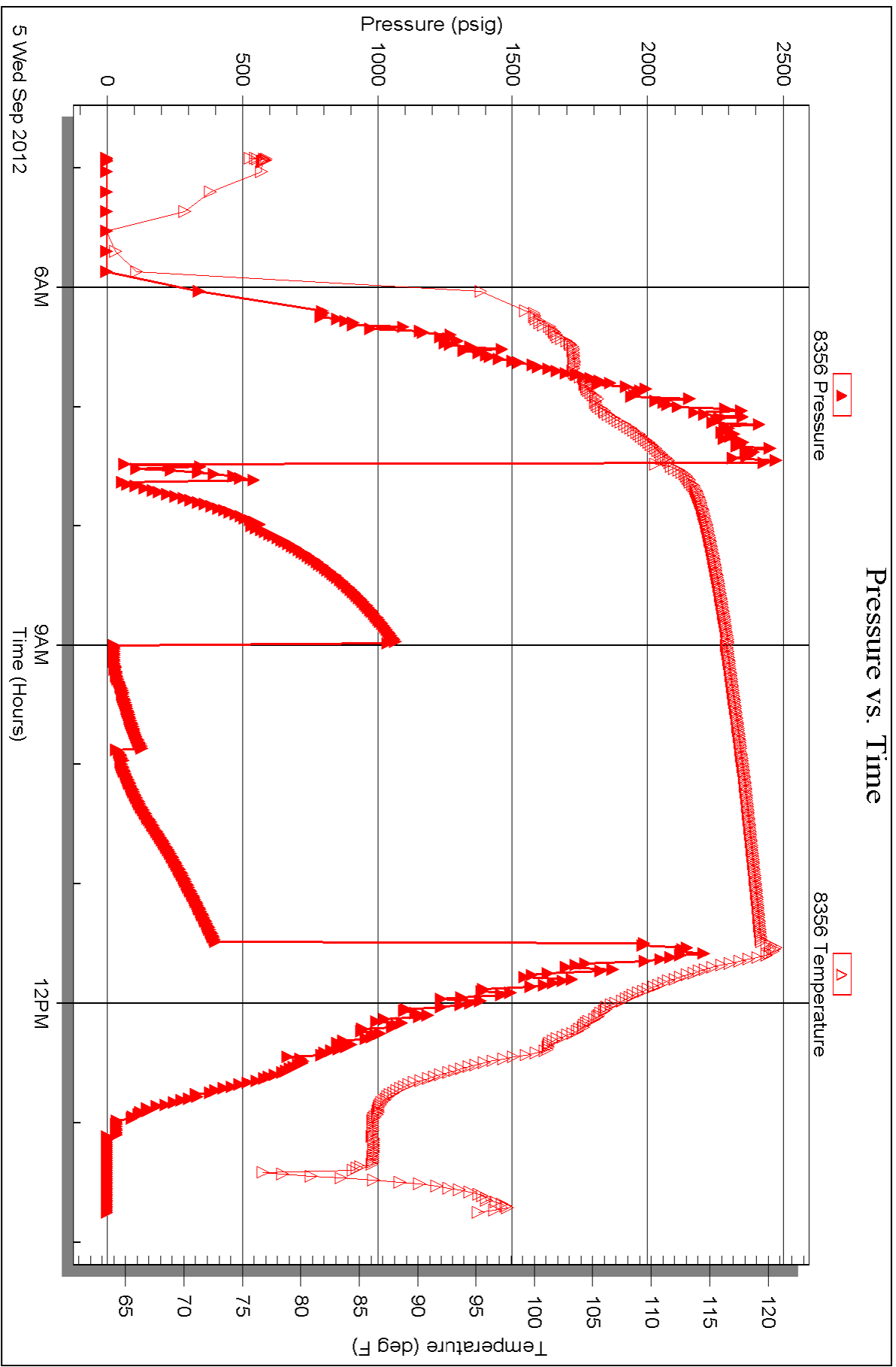
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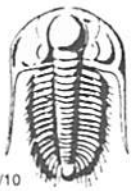
Outside

McCoy Petroleum Corp.

Karlin B#1-3

DST Test Number: 1





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 48417

Well Name & No. Karlin B 1-3 Test No. 1 Date 9-5-12  
 Company McCoy Petroleum Corp. Elevation 3142 KB 3132 GL  
 Address 8080 E Central ste 300 Wichita, KS 67206  
 Co. Rep / Geo. Jerry Smith Rig Murfin #2  
 Location: Sec. 3 Twp. 11 Rge. 33W Co. Logan State KS

Interval Tested 4612 4675 Zone Tested Johnson  
 Anchor Length 63 Drill Pipe Run 4354 Mud Wt. 8.8  
 Top Packer Depth 4607 Drill Collars Run 235 Vis 67  
 Bottom Packer Depth 4612 Wt. Pipe Run — WL 4.4  
 Total Depth 4675 Chlorides 14000 ppm System LCM 1

Blow Description IF: 1/4 blow built to 3/4 died to surface blow.  
IS: No return.  
FF: No blow.  
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 119 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2509</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>00:15</u>
(B) First Initial Flow <u>64</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>4:54</u>
(C) First Final Flow <u>561</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>7:28</u>
(D) Initial Shut-In <u>1066</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/L</u>	T-Pulled <u>11:28</u>
(E) Second Initial Flow <u>25</u>	<input checked="" type="checkbox"/> Hourly Standby <u>3 1/2 - 350.00</u>	T-Out <u>13:45</u>
(F) Second Final Flow <u>59</u>	<input checked="" type="checkbox"/> Mileage <u>114-x2</u> 353.40	Comments _____
(G) Final Shut-In <u>398</u>	<input type="checkbox"/> Sampler _____	<input type="checkbox"/> Ruined Shale Packer _____
(H) Final Hydrostatic <u>2144</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Packer _____
	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Extra Copies _____
	<input type="checkbox"/> Extra Packer _____	Sub Total <u>0</u>
	<input type="checkbox"/> Extra Recorder _____	Total <u>2278.40</u>
	<input type="checkbox"/> Day Standby _____	MP/DST Disc't _____
	<input type="checkbox"/> Accessibility _____	

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

Sub Total 2278.40

Approved By [Signature] Our Representative [Signature]

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