



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Becker Oil Corporation  
 PO Box 1150  
 Ponka City, Ok 74602  
 ATTN: Clyde Becker

**36 10s 31w, Thomas, KS**

**Fromholtz #1**

Job Ticket: 61324

**DST#: 1**

Test Start: 2017.03.03 @ 21:59:00

## GENERAL INFORMATION:

Formation: **LKC - GHI**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:22:15

Time Test Ended: 05:52:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Interval: **4050.00 ft (KB) To 4155.00 ft (KB) (TVD)**

Reference Elevations: 2893.00 ft (KB)

Total Depth: 4155.00 ft (KB) (TVD)

2888.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8845 Outside**

Press@RunDepth: 294.49 psig @ 4056.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.03.03

End Date:

2017.03.04

Last Calib.: 2017.03.04

Start Time: 21:59:05

End Time:

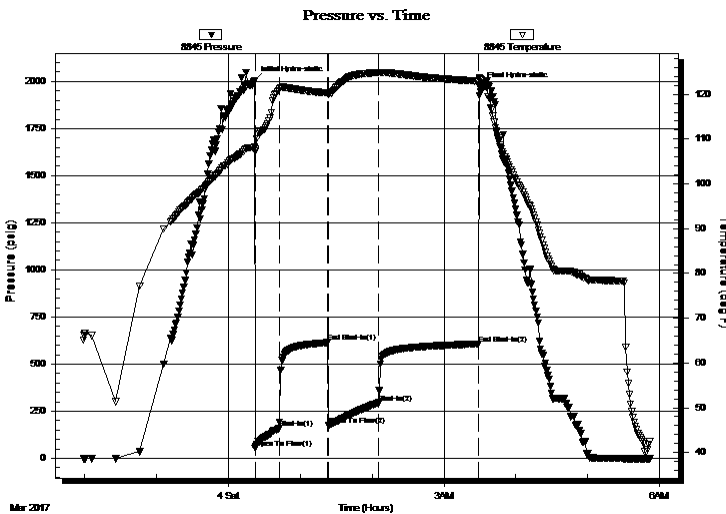
05:52:14

Time On Btm: 2017.03.04 @ 00:21:45

Time Off Btm: 2017.03.04 @ 03:30:00

TEST COMMENT: IF: BOB @ 5 min.  
 IS: 1" return, receded tp 1/2".  
 FF: BOB @ 6 min.  
 FS: 7" return, receded to 5".

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2001.97	108.17	Initial Hydro-static
1	53.75	107.33	Open To Flow (1)
21	159.39	121.13	Shut-In(1)
62	614.42	120.28	End Shut-In(1)
62	173.48	120.05	Open To Flow (2)
104	294.49	124.81	Shut-In(2)
188	607.66	122.91	End Shut-In(2)
189	1973.77	123.38	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
520.00	gmcw 5g 15m 80w	6.21
100.00	gow cm 25g 10o 10w 55m	1.40
100.00	go 30g 70o	1.40
0.00	660 GIP	0.00

## Gas Rates

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



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Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Reference Elevations: 2893.00 ft (KB)

2888.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8365

Inside

Press@RunDepth: psig @ 4056.00 ft (KB)

Start Date: 2017.03.03

End Date:

2017.03.04

Start Time: 21:59:05

End Time:

05:52:14

Capacity: 8000.00 psig

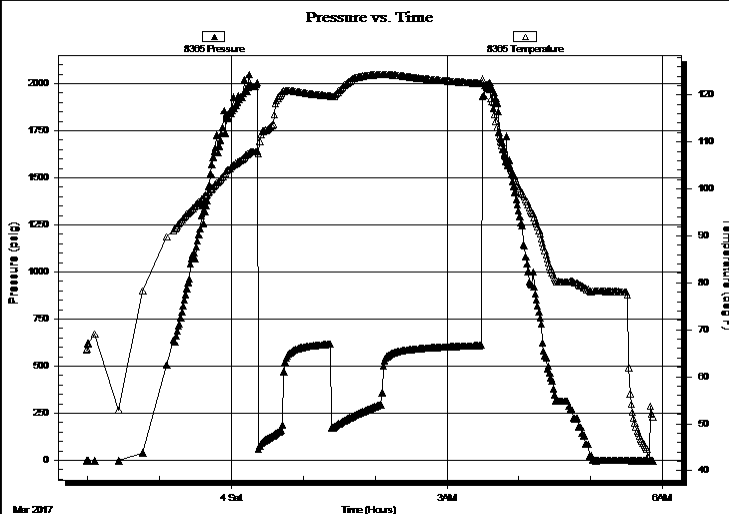
Last Calib.:

2017.03.04

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: BOB @ 5 min.  
 IS: 1" return, receded tp 1/2".  
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### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)
520.00	gmcw 5g 15m 80w	6.21
100.00	gow cm 25g 10o 10w 55m	1.40
100.00	go 30g 70o	1.40
0.00	660 GIP	0.00

### Gas Rates

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



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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Becker Oil Corporation  
 PO Box 1150  
 Ponka City, Ok 74602  
 ATTN: Clyde Becker

**36 10s 31w, Thomas, KS**  
**Fromholtz #1**  
 Job Ticket: 61324      **DST#: 1**  
 Test Start: 2017.03.03 @ 21:59:00

## Mud and Cushion Information

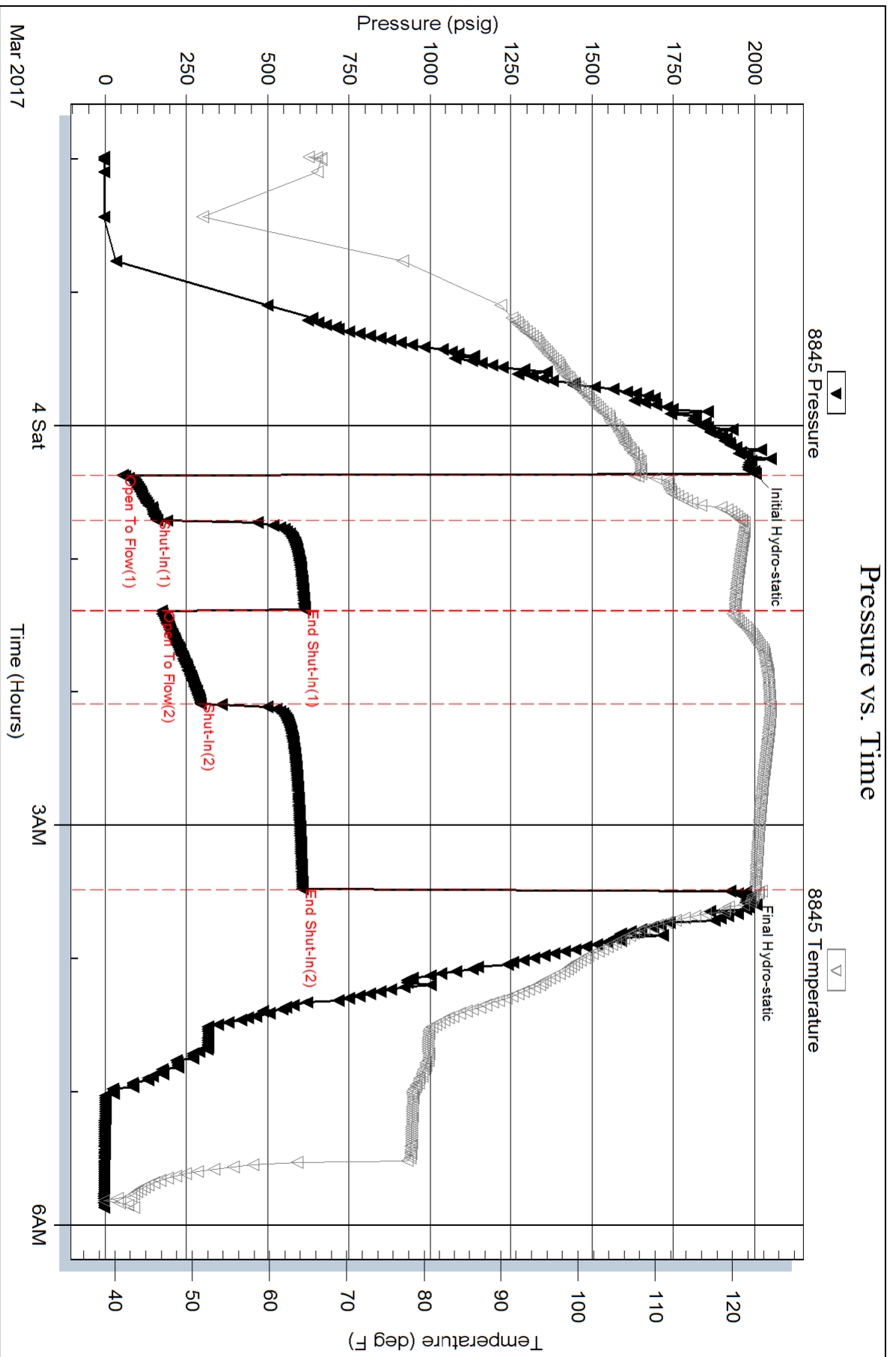
Mud Type: Gel Chem	Cushion Type:	Oil API: 40 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 32000 ppm
Viscosity: 64.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.80 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1700.00 ppm		
Filter Cake: inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
520.00	gmcw 5g 15m 80w	6.210
100.00	gow cm 25g 10o 10w 55m	1.403
100.00	go 30g 70o	1.403
0.00	660 GIP	0.000

Total Length: 720.00 ft      Total Volume: 9.016 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments: rw is .379 @ 41f = 32000ppm



Serial #: 8365

Inside

Becker Oil Corporation

Frontholz #1

DST Test Number: 1

