



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Becker Oil Corporation
PO Box 1150
Ponca City OK 74601
ATTN: Clyde Becker

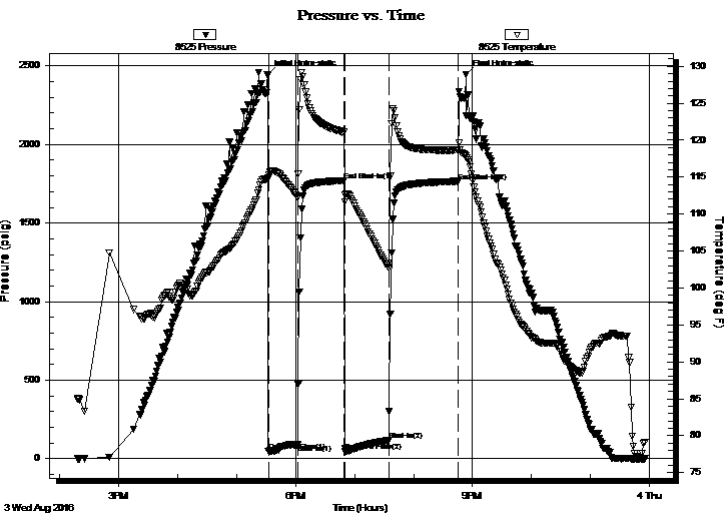
25-32S-23W Clark
Harrington 1
Job Ticket: 55403 **DST#: 2**
Test Start: 2016.08.03 @ 14:18:19

GENERAL INFORMATION:

Formation: **Swope**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 17:32:19 Tester: Leal Cason
Time Test Ended: 23:56:04 Unit No: 74
Interval: 4882.00 ft (KB) To 4915.00 ft (KB) (TVD) Reference Elevations: 2073.00 ft (KB)
Total Depth: 4915.00 ft (KB) (TVD) 2062.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 11.00 ft

Serial #: 8525 Inside
Press@RunDepth: 116.04 psig @ 4883.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.08.03 End Date: 2016.08.03 Last Calib.: 1899.12.30
Start Time: 14:18:20 End Time: 23:56:04 Time On Btm: 2016.08.03 @ 17:31:19
Time Off Btm: 2016.08.03 @ 20:53:19

TEST COMMENT: IF: Strong Blow , BOB in 1 minute, GTS in 17 minutes. Gauged Gas
IS: No Blow Back
FF: Strong Blow , BOB & GTS immediate, Gauged & Caught Sample
FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2441.99	114.75	Initial Hydro-static
1	48.78	114.85	Open To Flow (1)
31	90.01	112.15	Shut-In(1)
78	1769.21	121.06	End Shut-In(1)
80	48.21	112.64	Open To Flow (2)
124	116.04	102.67	Shut-In(2)
194	1765.49	118.68	End Shut-In(2)
202	2443.33	117.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4869 GIP	0.00
10.00	GCM 5%G 95%M	0.05

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	20.00	126.02
Last Gas Rate	0.25	75.00	141.82
Max. Gas Rate	0.25	75.00	141.82



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Harrington 1

Job Ticket: 55403

DST#: 2

ATTN: Clyde Becker

Test Start: 2016.08.03 @ 14:18:19

GENERAL INFORMATION:

Formation: **Swope**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:32:19

Time Test Ended: 23:56:04

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 74

Interval: 4882.00 ft (KB) To 4915.00 ft (KB) (TVD)

Reference Elevations: 2073.00 ft (KB)

Total Depth: 4915.00 ft (KB) (TVD)

2062.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 6806 Outside

Press@RunDepth: psig @ 4883.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.08.03

End Date:

2016.08.03

Last Calib.:

2016.08.04

Start Time: 14:18:20

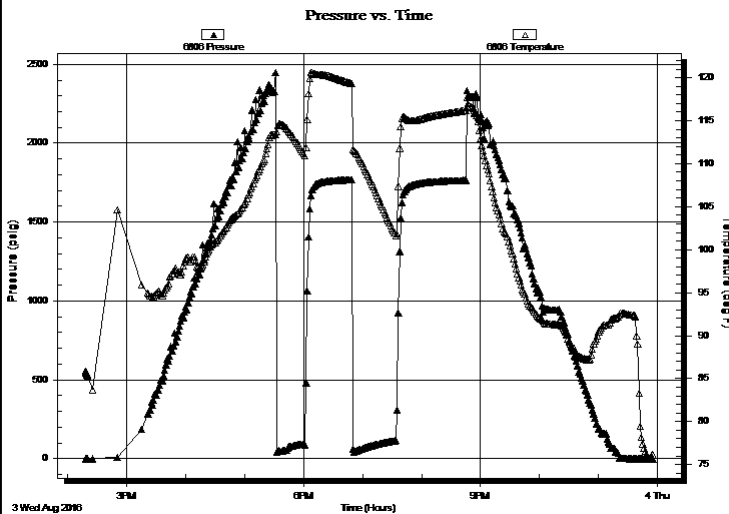
End Time:

23:56:04

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Strong Blow , BOB in 1 minute, GTS in 17 minutes. Gauged Gas
IS: No Blow Back
FF: Strong Blow , BOB & GTS immediate, Gauged & Caught Sample
FS: No Blow Back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4869 GIP	0.00
10.00	GCM 5%G 95%M	0.05

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	20.00	126.02
Last Gas Rate	0.25	75.00	141.82
Max. Gas Rate	0.25	75.00	141.82

* Recovery from multiple tests



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DRILL STEM TEST REPORT

FLUID SUMMARY

Becker Oil Corporation

25-32S-23W Clark

PO Box 1150
Ponca City OK 74601

Harrington 1

Job Ticket: 55403

DST#: 2

ATTN: Clyde Becker

Test Start: 2016.08.03 @ 14:18:19

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: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7400.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	4869 GIP	0.000
10.00	GCM 5%G 95%M	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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DRILL STEM TEST REPORT

GAS RATES

Becker Oil Corporation

25-32S-23W Clark

PO Box 1150
Ponca City OK 74601

Harrington 1

Job Ticket: 55403

DST#: 2

ATTN: Clyde Becker

Test Start: 2016.08.03 @ 14:18:19

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	20	0.38	20.00	126.02
1	30	0.38	24.00	140.67
2	10	0.25	30.00	70.44
2	20	0.25	46.00	95.82
2	30	0.25	60.00	118.03
2	40	0.25	70.00	133.89
2	45	0.25	75.00	141.82

Serial #: 8525

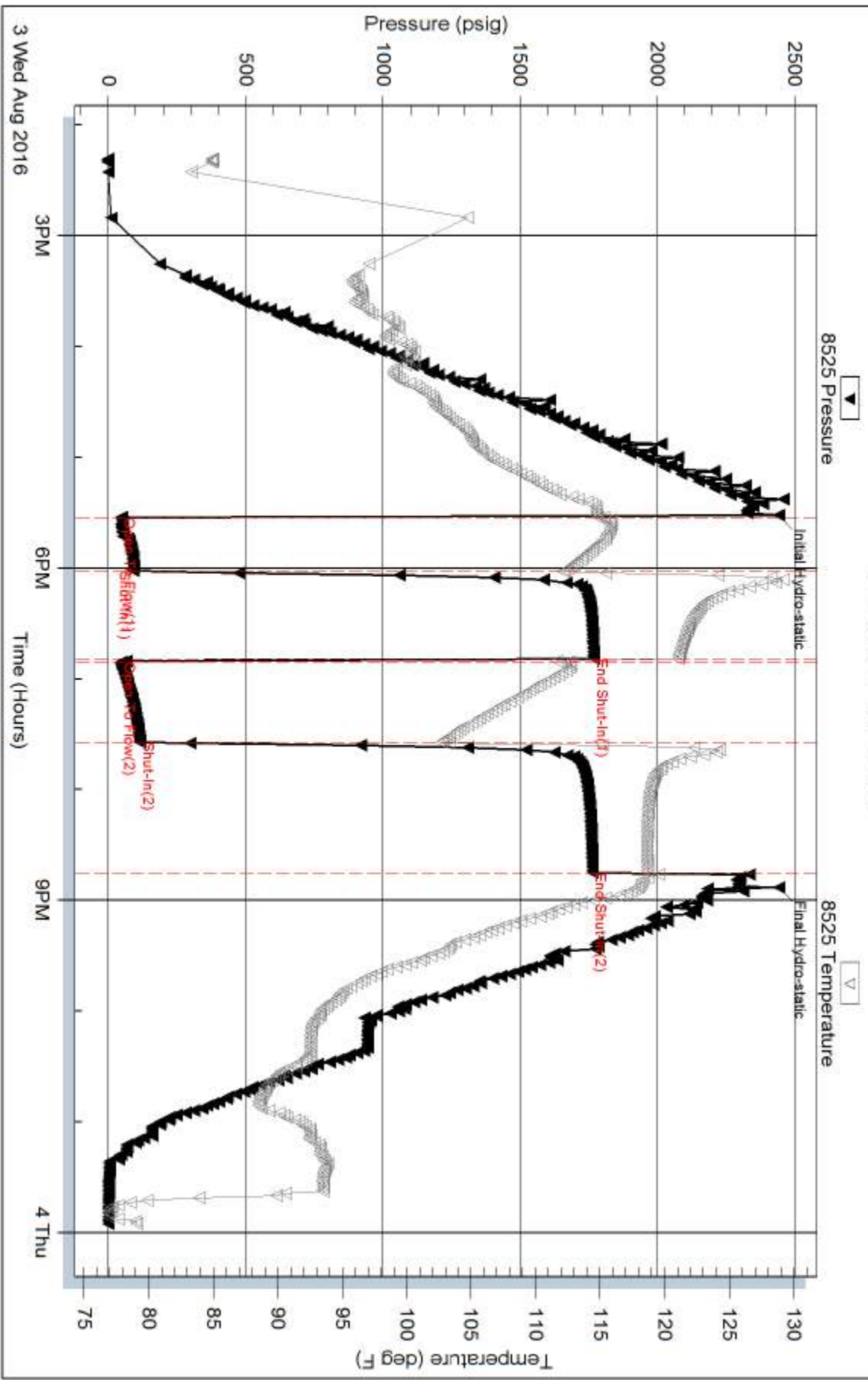
Inside

Becker Oil Corporation

Harrington 1

DST Test Number: 2

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 55403

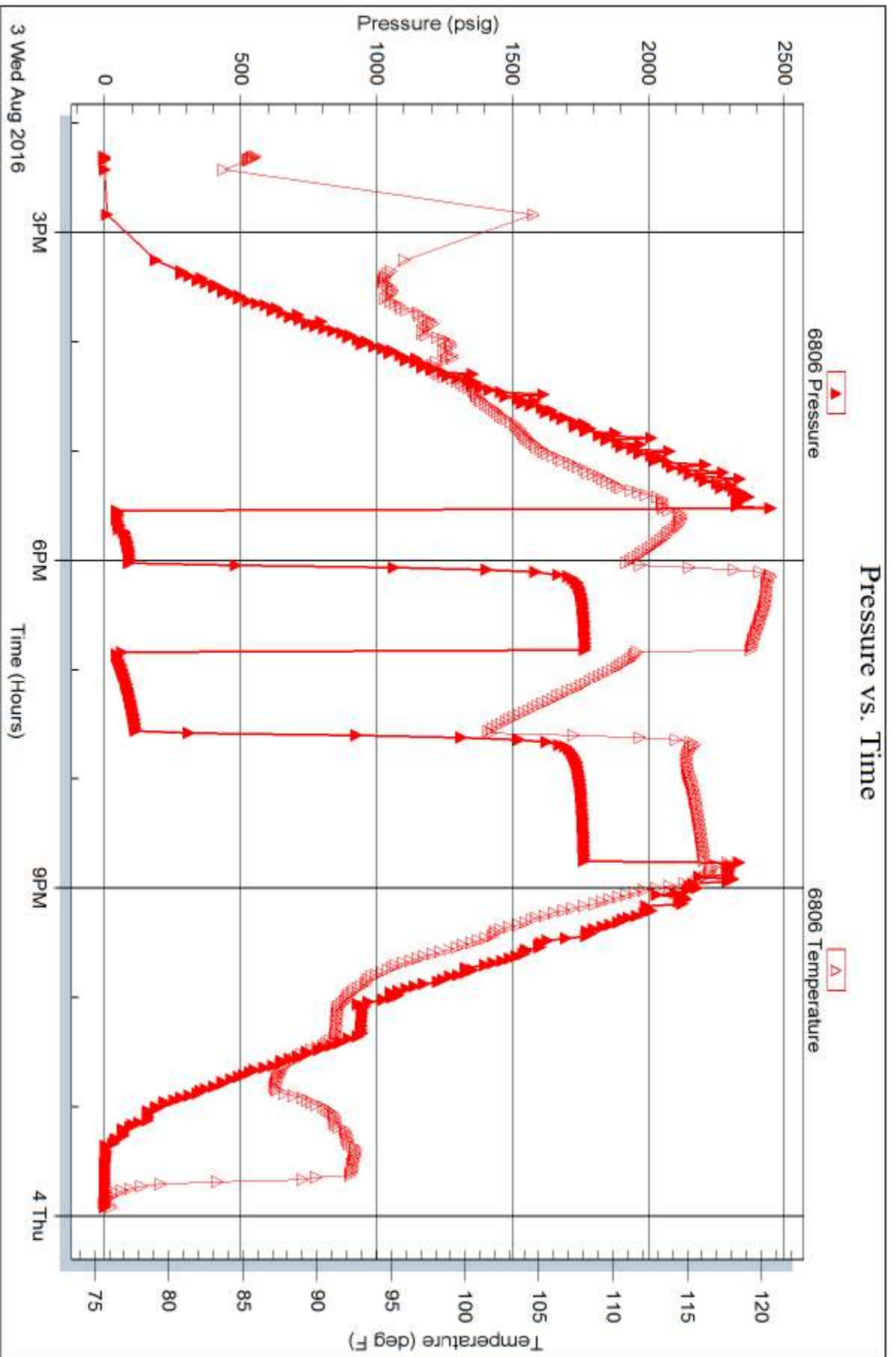
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Serial #: 6806

Outside Becker Oil Corporation

Harrington 1

DST Test Number: 2



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Ref. No: 55403

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