



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Culbreath Oil & Gas Company Inc.

28-11s-32w Logan Co

3501 S Yale Ave
Tulsa Ok
74135
ATTN: Steve Murphy

H Drieling Trust1-28

Job Ticket: 61444 **DST#: 2**
Test Start: 2015.08.01 @ 06:42:15

GENERAL INFORMATION:

Formation: **B-D**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:21:15
 Time Test Ended: 13:15:00
 Interval: **4088.00 ft (KB) To 4120.00 ft (KB) (TVD)**
 Total Depth: 4120.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 65
 Reference Elevations: 3078.00 ft (KB)
 3073.00 ft (CF)
 KB to GR/CF: 5.00 ft

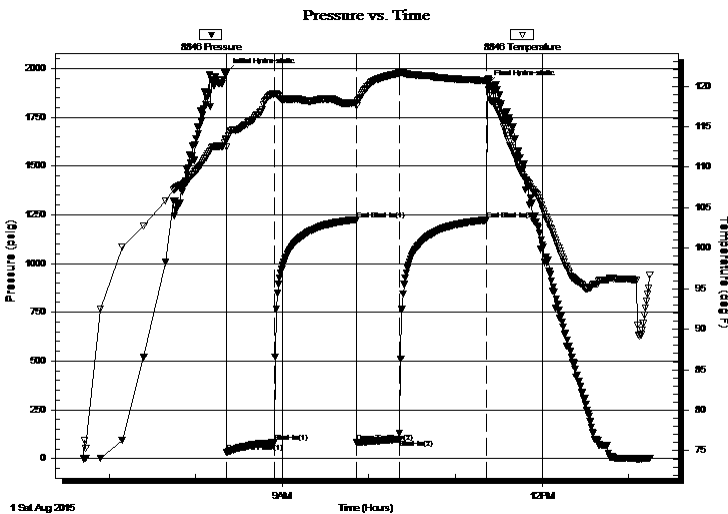
Serial #: 8846

Inside

Press @ Run Depth: 100.34 psig @ 4115.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.08.01 End Date: 2015.08.01 Last Calib.: 2015.08.01
 Start Time: 06:42:15 End Time: 13:15:00 Time On Btm: 2015.08.01 @ 08:21:00
 Time Off Btm: 2015.08.01 @ 11:22:00

TEST COMMENT: IF: Built to 5 1/2" blow
 IS: No return blow
 FF: Built to 3/4" blow
 FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1977.45	113.47	Initial Hydro-static
1	31.20	112.47	Open To Flow (1)
34	82.35	119.05	Shut-In(1)
91	1226.02	117.94	End Shut-In(1)
91	82.82	117.63	Open To Flow (2)
120	100.34	121.62	Shut-In(2)
181	1223.53	120.68	End Shut-In(2)
181	1919.54	120.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
59.00	mcw 40% m 60% w	0.29
59.00	w cm 36% w 64% m	0.29
62.00	mud 100% m	0.87
2.00	w ocm 3% w 12% o 85% m	0.03

* Recovery from multiple tests

Gas Rates

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



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Job Ticket: 61444 **DST#: 2**
Test Start: 2015.08.01 @ 06:42:15

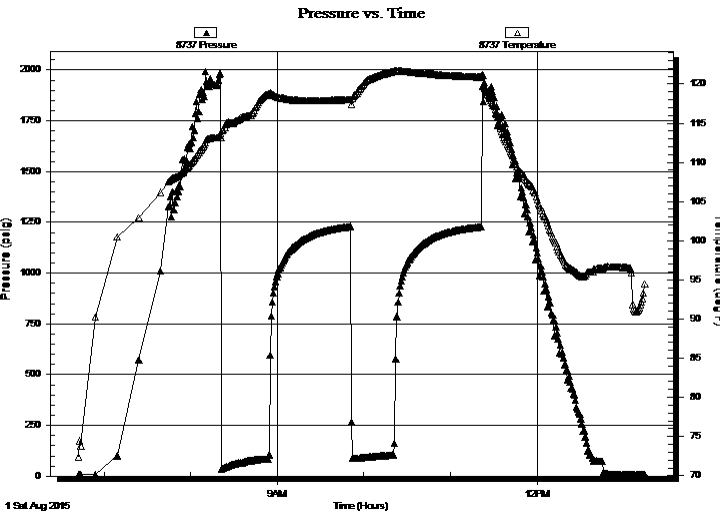
GENERAL INFORMATION:

Formation: **B-D**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 08:21:15 Tester: Mike Roberts
Time Test Ended: 13:15:00 Unit No: 65
Interval: 4088.00 ft (KB) To 4120.00 ft (KB) (TVD) Reference Elevations: 3078.00 ft (KB)
Total Depth: 4120.00 ft (KB) (TVD) 3073.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8737 Outside

Press@RunDepth: psig @ 4115.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.08.01 End Date: 2015.08.01 Last Calib.: 2015.08.01
Start Time: 06:42:15 End Time: 13:15:00 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Built to 5 1/2" blow
IS: No return blow
FF: Built to 3/4" blow
FS: No return blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
59.00	mcw 40% m 60% w	0.29
59.00	w cm 36% w 64% m	0.29
62.00	mud 100% m	0.87
2.00	w ocm 3% w 12% o 85% m	0.03

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Culbreath Oil & Gas Company Inc.

28-11s-32w Logan Co

3501 S Yale Ave
Tulsa Ok
74135

H Drieling Trust1-28

Job Ticket: 61444

DST#: 2

ATTN: Steve Murphy

Test Start: 2015.08.01 @ 06:42:15

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:

24000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
59.00	mcw 40%m 60%w	0.290
59.00	w cm 36%w 64%m	0.290
62.00	mud 100%m	0.870
2.00	w ocm 3%w 12%o 85%m	0.028

Total Length: 182.00 ft

Total Volume: 1.478 bbf

Num Fluid Samples: 0

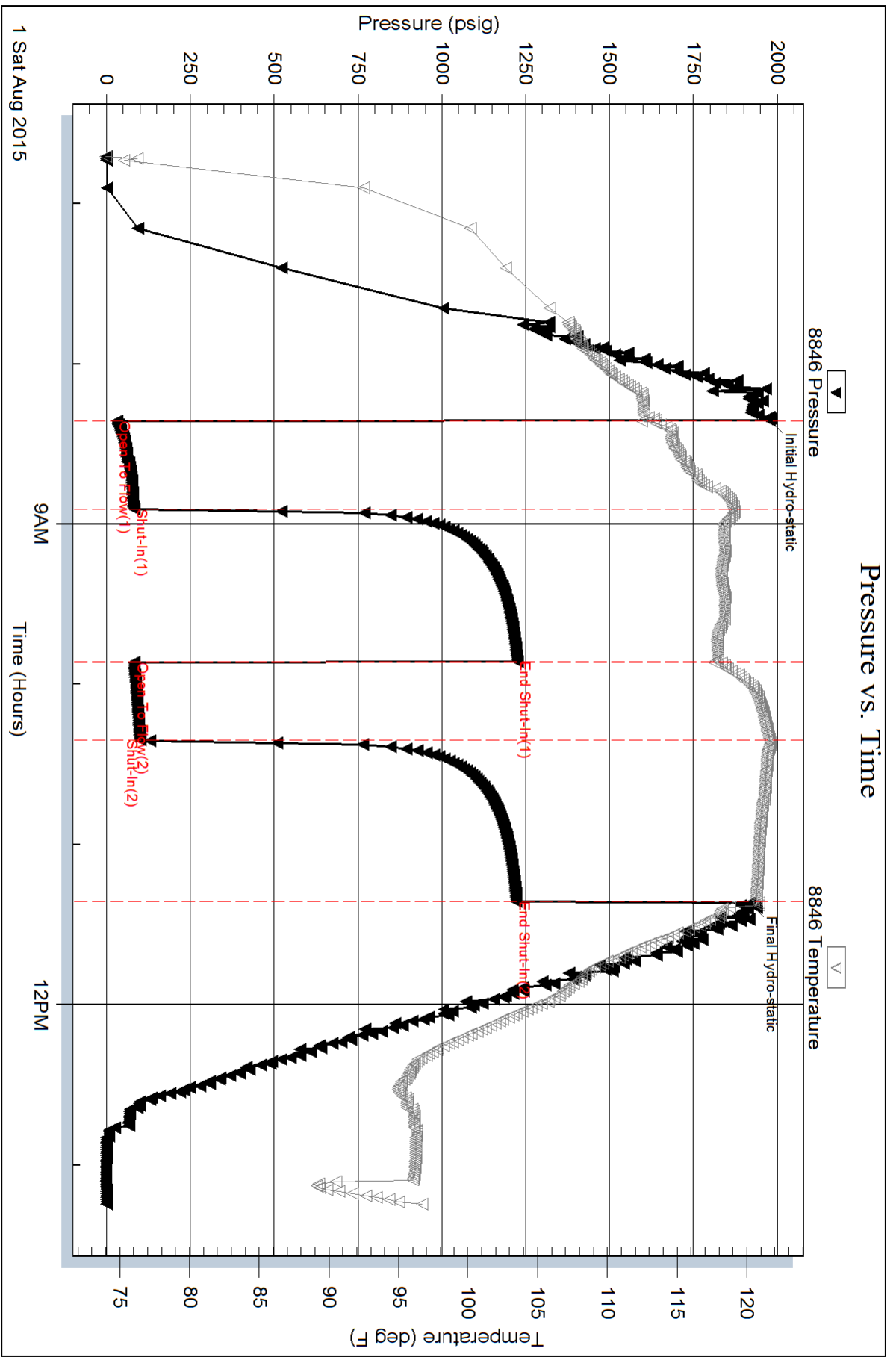
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .27 @ 96.6*=24000 ppm



Serial #: 8737

Outside

Culbreath Oil & Gas Company Inc.

H Drilling Trust1-28

DST Test Number: 2

Pressure vs. Time

