



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Culbreath Oil And Gas Company

18-10s-30w Sheridan Co KS

1532 S Peoria Ave
Tulsa OK
74120
ATTN: Steve Murphy

Bixenman Brothers118

Job Ticket: 58567 **DST#: 2**
Test Start: 2015.01.20 @ 06:35:15

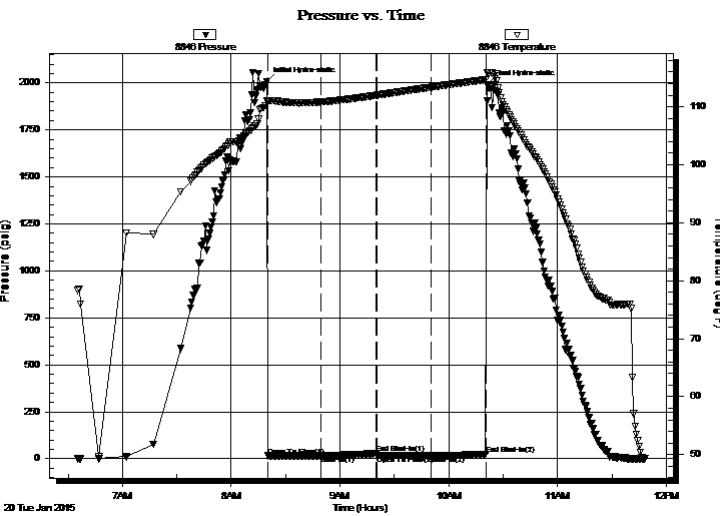
GENERAL INFORMATION:

Formation: **I**
 Deviated: **No Whipstock:** ft (KB) Test Type: **Conventional Bottom Hole (Reset)**
 Time Tool Opened: 08:20:00 Tester: **Mike Roberts**
 Time Test Ended: 11:48:15 Unit No: **65**

Interval: 4156.00 ft (KB) To 4186.00 ft (KB) (TVD) Reference Elevations: 2948.00 ft (KB)
 Total Depth: 4186.00 ft (KB) (TVD) 2943.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8846 Inside
 Press@RunDepth: 16.38 psig @ 4181.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.01.20 End Date: 2015.01.20 Last Calib.: 2015.01.20
 Start Time: 06:35:15 End Time: 11:48:15 Time On Btm: 2015.01.20 @ 08:19:30
 Time Off Btm: 2015.01.20 @ 10:21:15

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



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2005.91	111.00	Initial Hydro-static
1	15.46	110.80	Open To Flow (1)
30	16.36	110.81	Shut-In(1)
61	28.05	111.98	End Shut-In(1)
61	16.60	111.99	Open To Flow (2)
91	16.38	113.36	Shut-In(2)
121	22.14	114.67	End Shut-In(2)
122	1991.70	115.93	Final Hydro-static

Recovery

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

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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74120

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Job Ticket: 58567

DST#: 2

ATTN: Steve Murphy

Test Start: 2015.01.20 @ 06:35:15

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 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 #: 8846

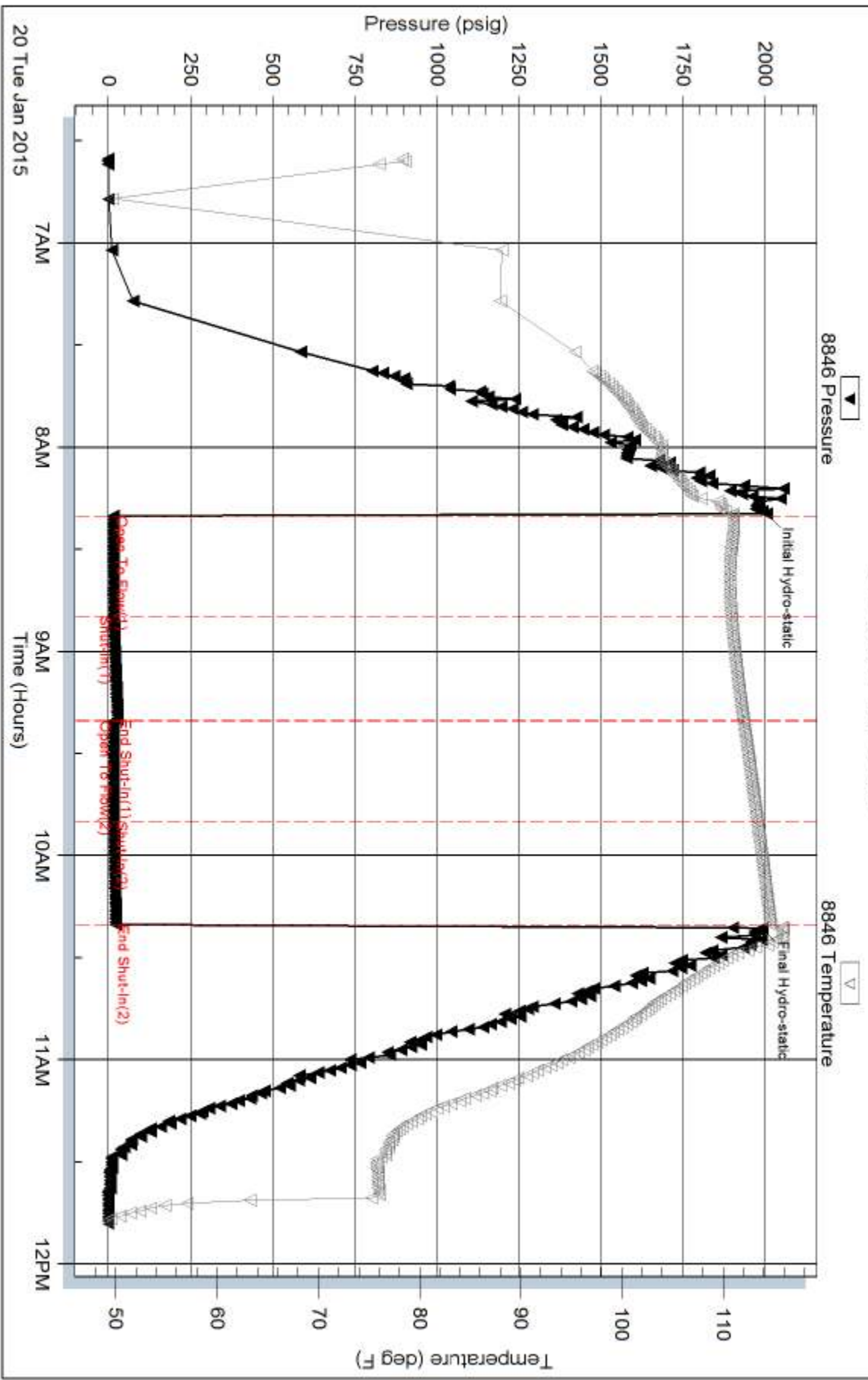
Inside

Culbreath Oil And Gas Company

Bixenman Brothers 118

DST Test Number: 2

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 58567

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