



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Culbreath oil & Gas CO INC

33 4 35 Rawlins KS

3501 S Yale AVE
Tulsa OK 74135

Dewey Trust 1-33 "B"

ATTN: Anthony Luna

Job Ticket: 60822

DST#: 1

Test Start: 2015.03.11 @ 11:15:00

GENERAL INFORMATION:

Formation: **LKC "H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:26:00

Time Test Ended: 17:33:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Robert Zodrow

Unit No: 66

Interval: 4176.00 ft (KB) To 4204.00 ft (KB) (TVD)

Reference Elevations: 3145.00 ft (KB)

Total Depth: 4204.00 ft (KB) (TVD)

3140.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8521 Outside

Press@RunDepth: 138.68 psig @ 4177.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.03.11

End Date:

2015.03.11

Last Calib.:

2015.03.11

Start Time: 11:15:05

End Time:

17:33:29

Time On Btm:

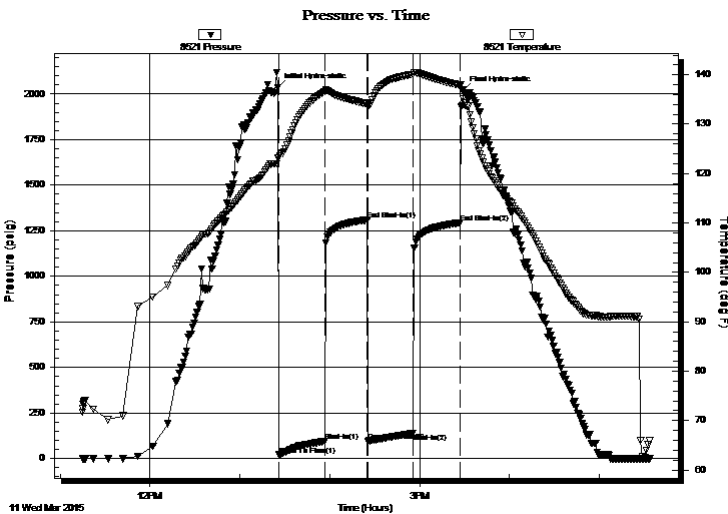
2015.03.11 @ 13:25:30

Time Off Btm:

2015.03.11 @ 15:29:00

TEST COMMENT: 30-IF- Surge Blow Dead
30-ISI- No Return
30-FF- No Blow
30-FSI- No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2036.82	123.23	Initial Hydro-static
1	20.54	123.19	Open To Flow (1)
31	94.76	136.60	Shut-In(1)
60	1309.09	134.08	End Shut-In(1)
60	96.80	133.60	Open To Flow (2)
90	138.68	140.09	Shut-In(2)
122	1293.60	137.88	End Shut-In(2)
124	2020.84	135.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	MW 25%M 75%W	2.34

Gas Rates

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



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TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Culbreath oil & Gas CO INC

33 4 35 Rawlins KS

3501 S Yale AVE
Tulsa OK 74135

Dewey Trust 1-33 "B"

Job Ticket: 60822

DST#: 1

ATTN: Anthony Luna

Test Start: 2015.03.11 @ 11:15:00

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:

30000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
240.00	MW 25%M 75%W	2.335

Total Length: 240.00 ft Total Volume: 2.335 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .213 @ 81 Deg F = 30000

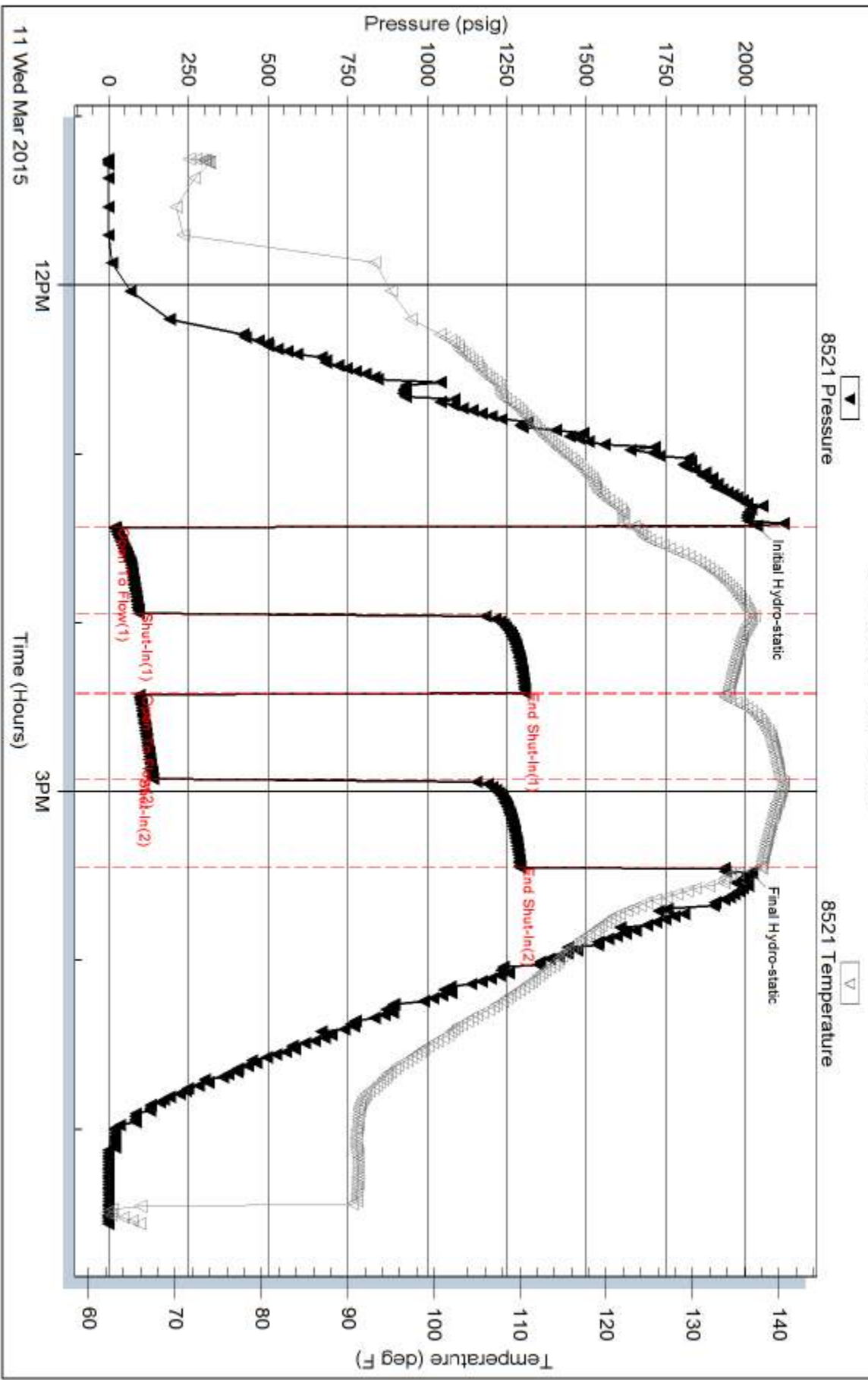
Serial #: 8521

Outside Culbreath oil & Gas CO INC

Dewey Trust 1-33 "B"

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 60822

Printed: 2015.03.11 @ 21:15:28