



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Culbreath Oil & Gas Co., Inc.

12-5S-36W - Rawlins

3501 S. Yale Ave.
Tulsa Ok 74135

Minney #1-12

Job Ticket: 62365

DST#: 1

ATTN: Anthony Luna

Test Start: 2015.04.29 @ 16:14:00

GENERAL INFORMATION:

Formation: **LKC - 'H'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:12:30

Time Test Ended: 23:13:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Royal Fisher

Unit No: #54

Interval: 4178.00 ft (KB) To 4218.00 ft (KB) (TVD)

Reference Elevations: 3178.00 ft (KB)

Total Depth: 4218.00 ft (KB) (TVD)

3173.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6753

Inside

Press@RunDepth: 72.20 psig @ 4179.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.04.29

End Date:

2015.04.29

Last Calib.:

2015.04.29

Start Time: 16:14:05

End Time:

23:13:29

Time On Btm:

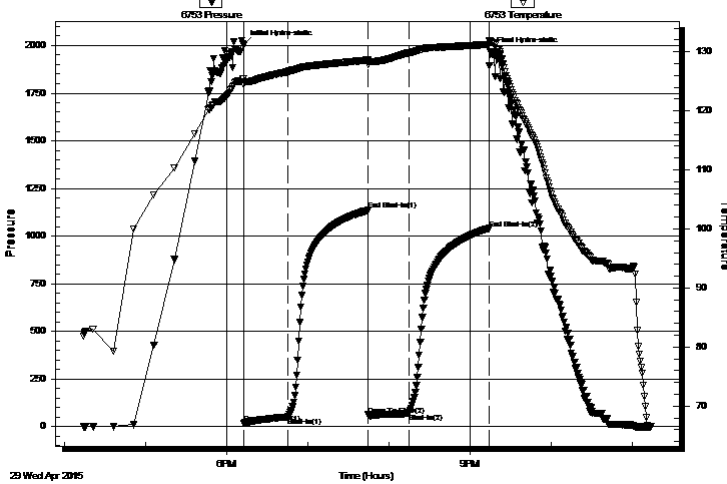
2015.04.29 @ 18:12:15

Time Off Btm:

2015.04.29 @ 21:14:45

TEST COMMENT: 30 - IF - Surface blow built up to 3 1/2"
60 - ISI - No Return
30 - FF - Weak blow started in 10 mins. and built to 1 1/4"
60 - FSI - No Return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2002.99	125.44	Initial Hydro-static
1	17.51	124.46	Open To Flow (1)
33	50.60	126.61	Shut-In(1)
92	1135.58	128.58	End Shut-In(1)
93	61.88	127.90	Open To Flow (2)
123	72.20	129.82	Shut-In(2)
182	1040.45	131.25	End Shut-In(2)
183	1969.97	131.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
126.00	MCO = 45M - 55o	0.66
5.00	Free Oil	0.07

Gas Rates

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



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FLUID SUMMARY

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3501 S. Yale Ave.
Tulsa Ok 74135

Minney #1-12

Job Ticket: 62365

DST#: 1

ATTN: Anthony Luna

Test Start: 2015.04.29 @ 16:14:00

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: ppm

Viscosity: 45.00 sec/qt

Cushion Volume: bbl

Water Loss: 5.59 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
126.00	MCO = 45M - 55o	0.661
5.00	Free Oil	0.070

Total Length: 131.00 ft Total Volume: 0.731 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6753

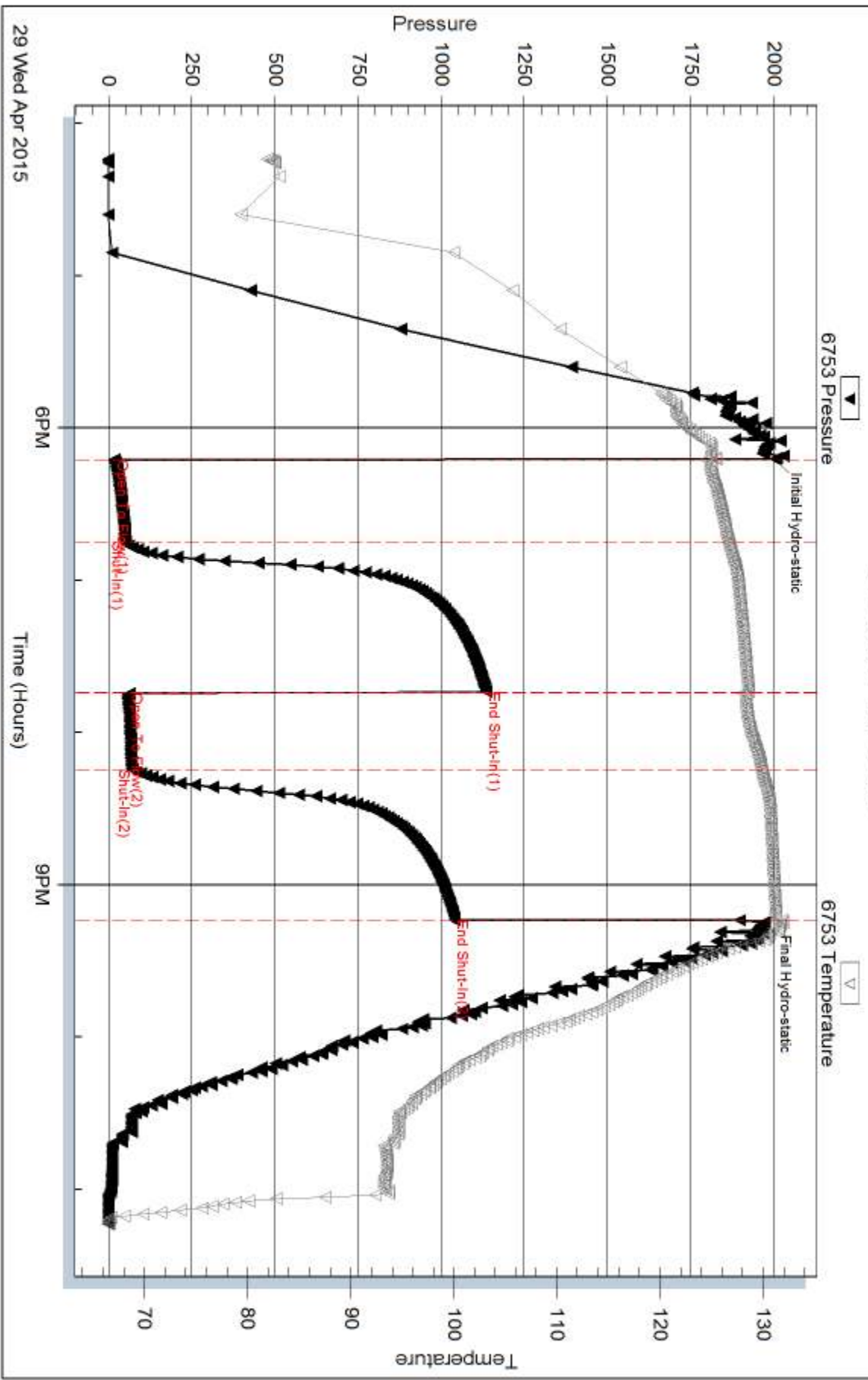
Inside

Culbreath Oil & Gas Co., Inc.

Maney #1-12

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 62365

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