



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Russell Oil Inc.

Sec. 28 - 10 s. - 12 w./Osborne

P.O. BOX 8050
EDMOND OK.
73083

Don Brown A Unit28-1

Job Ticket: 62512

DST#: 3

ATTN: Kitt Noah

Test Start: 2015.02.04 @ 19:35:00

GENERAL INFORMATION:

Formation: **L.K.C. 'C - F'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:41:45

Time Test Ended: 04:03:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Bob Hamel

Unit No: 72

Interval: 2973.00 ft (KB) To 3025.00 ft (KB) (TVD)

Reference Elevations: 1688.00 ft (KB)

Total Depth: 3025.00 ft (KB) (TVD)

1676.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 6772 Inside

Press@RunDepth: 49.06 psig @ 3008.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.02.04

End Date:

2015.02.05

Last Calib.:

2015.02.05

Start Time:

19:35:05

End Time:

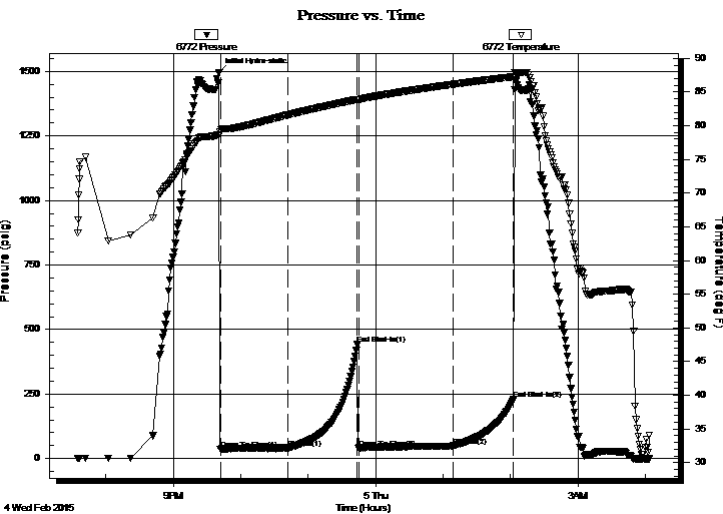
04:03:44

Time On Btm:

2015.02.04 @ 21:40:45

Time Off Btm:

TEST COMMENT: I.F. - 60 - 1/4" INT. BLOW BUILT TO 4"
I.S.I. - 60 - NO B.B.
F.F. - 60 - 1/2" INT. BLOW BUILT TO 5"
F.S.I. - 60 - NO B.B.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1496.11	78.72	Initial Hydro-static
1	36.29	79.08	Open To Flow (1)
61	40.15	81.58	Shut-In(1)
123	444.25	83.93	End Shut-In(1)
124	38.72	83.88	Open To Flow (2)
209	49.06	86.14	Shut-In(2)
262	229.55	87.29	End Shut-In(2)

Recovery

Length (ft)	Description	Volume (bbl)
40.00	H ₂ O,C,M, 35%O 65%M	0.56
0.00	220' G.I.P,	0.00
0.00	'SHOW OF FREE OIL IN TEST TOOL'	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.

Sec. 28 - 10 s. - 12 w./Osborne

P.O. BOX 8050
EDMOND OK.
73083

Don Brown A Unit28-1

Job Ticket: 62512

DST#: 3

ATTN: Kitt Noah

Test Start: 2015.02.04 @ 19:35:00

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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	H ₂ O,C,M, 35%O 65%M	0.561
0.00	220' G.I.P,	0.000
0.00	'SHOW OF FREE OIL IN TEST TOOL'	0.000

Total Length: 40.00 ft Total Volume: 0.561 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

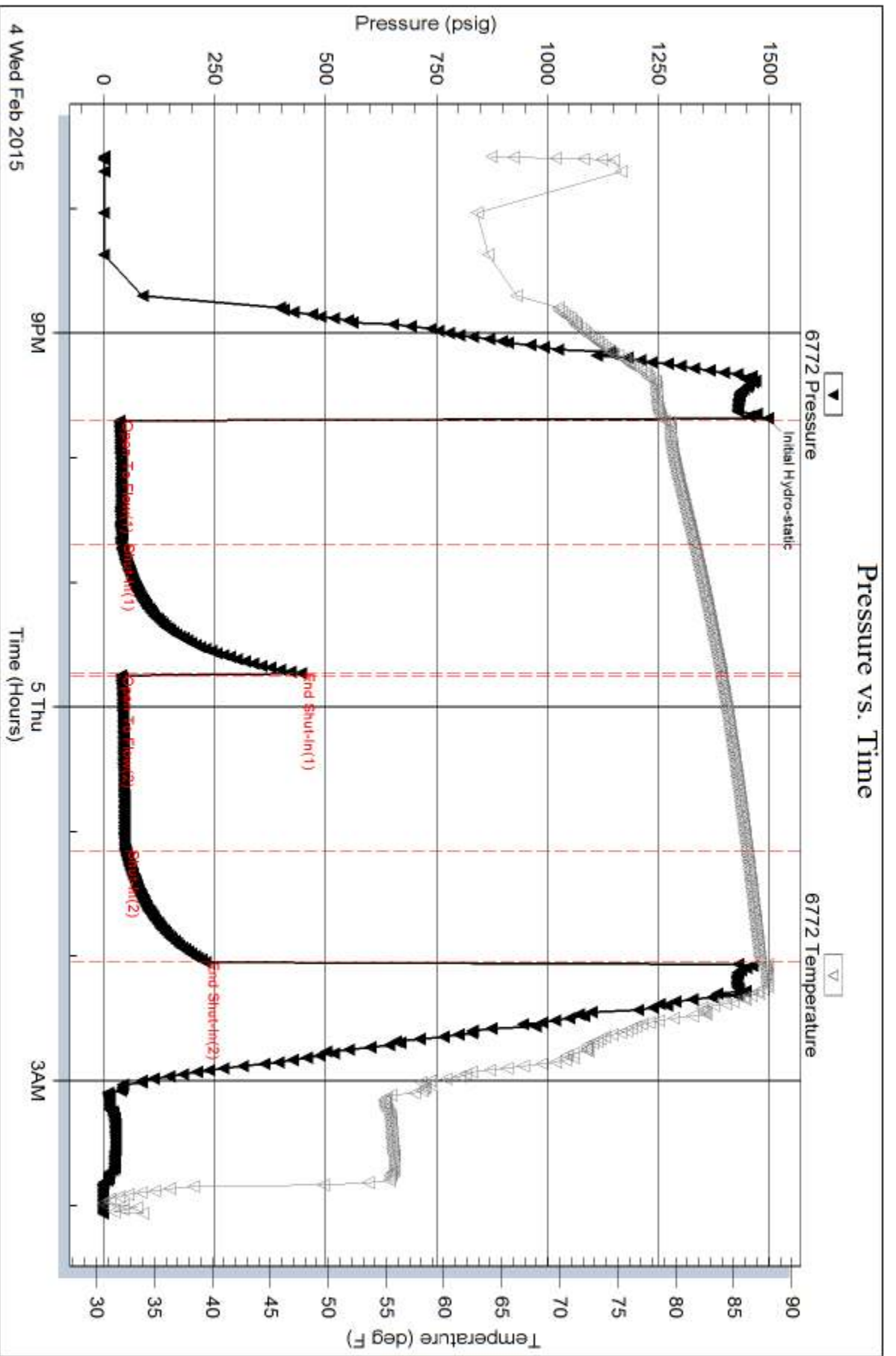
Serial #: 6772

Inside

Russell Oil Inc.

Don Brown A Unit28-1

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 62512

Printed: 2015.02.05 @ 13:59:41