



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc

19-13s-30w Gove, Ks

202 West Main St
Salem, IL 62881-1519

Burns #1-19

Job Ticket: 61451

DST#: 2

ATTN: Tim Priest

Test Start: 2014.12.19 @ 00:00:16

GENERAL INFORMATION:

Formation: **LKC J-K**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 02:45:16

Time Test Ended: 07:20:31

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 55

Interval: 4188.00 ft (KB) To 4215.00 ft (KB) (TVD)

Reference Elevations: 2887.00 ft (KB)

Total Depth: 4215.00 ft (KB) (TVD)

2877.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6771

Inside

Press@RunDepth: 23.31 psig @ 4189.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.12.19

End Date:

2014.12.19

Last Calib.:

2014.12.19

Start Time: 00:00:16

End Time:

07:06:31

Time On Btm:

2014.12.19 @ 02:45:01

Time Off Btm:

2014.12.19 @ 04:47:46

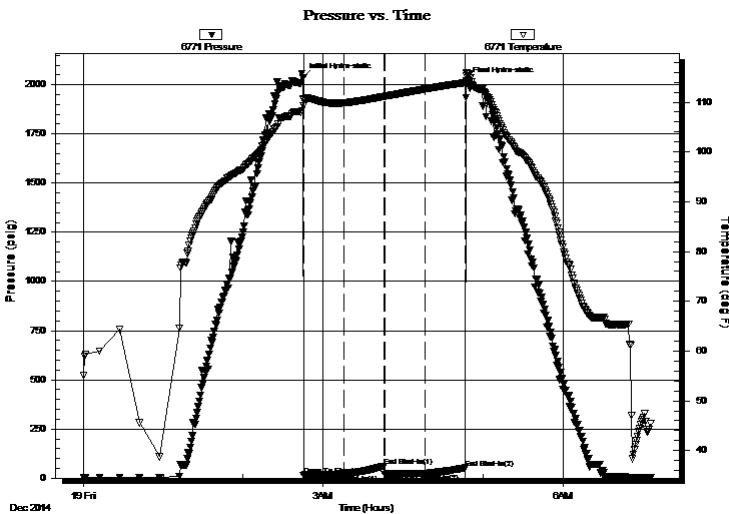
TEST COMMENT: 1/4" blow died in 12 min.

No return

No blow

No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2036.55	110.64	Initial Hydro-static
1	14.72	109.32	Open To Flow (1)
31	20.05	109.85	Shut-In(1)
61	61.13	111.14	End Shut-In(1)
62	19.41	111.16	Open To Flow (2)
92	23.31	112.61	Shut-In(2)
122	52.33	113.92	End Shut-In(2)
123	2018.82	115.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud w/oil spots 100% m	0.02

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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DST#: 2

ATTN: Tim Priest

Test Start: 2014.12.19 @ 00:00:16

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud w /oil spots 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:

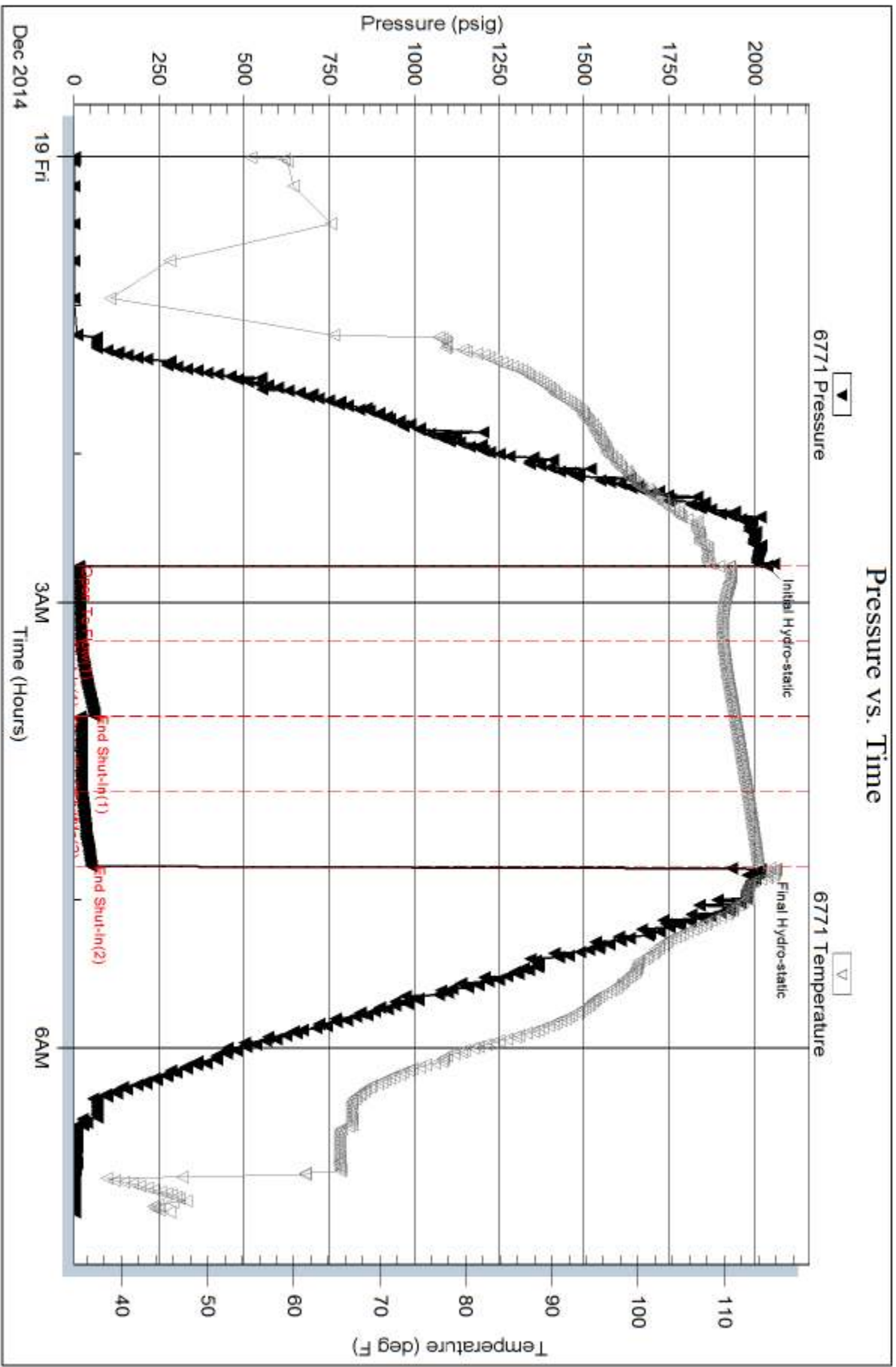
Serial #: 6771

Inside

Shakespeare Oil Co. Inc

Burns #1-19

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 61451

Printed: 2014, 12, 19 @ 07:48:35