



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc

19-13s-30w Gove,KS

202 West Main St
Salem, IL
62881-1519
ATTN: Tim Priest

Burns #1-19

Job Ticket: 49200

DST#: 1

Test Start: 2014.12.18 @ 03:13:16

GENERAL INFORMATION:

Formation: I

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 07:56:16

Time Test Ended: 12:10:01

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane McBride

Unit No: 55

Interval: 4145.00 ft (KB) To 4170.00 ft (KB) (TVD)

Reference Elevations: 2887.00 ft (KB)

Total Depth: 4170.00 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: 37.48 psig @ 4146.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.12.18

End Date:

2014.12.18

Last Calib.:

2014.12.18

Start Time:

03:13:16

End Time:

12:01:01

Time On Btm:

2014.12.18 @ 07:56:01

Time Off Btm:

2014.12.18 @ 09:58:16

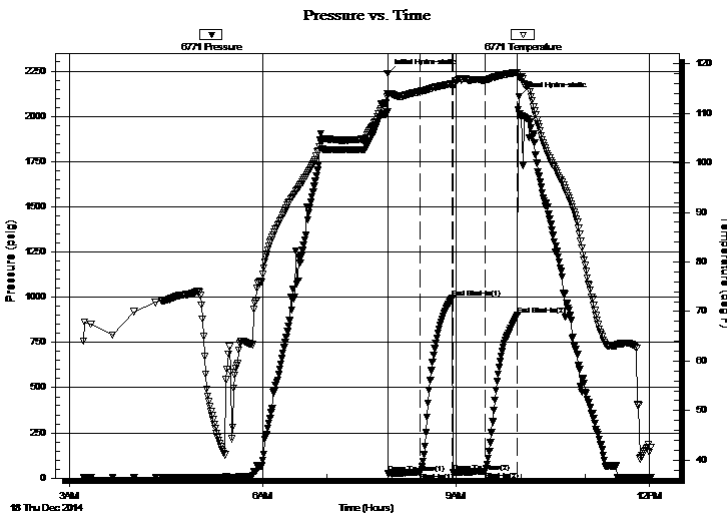
TEST COMMENT: Slid tool 5' to bottom 1" in blow, died in 17 min.

No return

No blow

No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2237.84	113.89	Initial Hydro-static
1	26.69	113.52	Open To Flow (1)
31	31.51	114.31	Shut-In(1)
61	994.58	115.93	End Shut-In(1)
61	32.73	115.71	Open To Flow (2)
91	37.48	116.70	Shut-In(2)
121	900.15	118.23	End Shut-In(2)
123	2108.07	117.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100% m	0.05

Gas Rates

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



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FLUID SUMMARY

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Test Start: 2014.12.18 @ 03:13:16

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: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100%m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

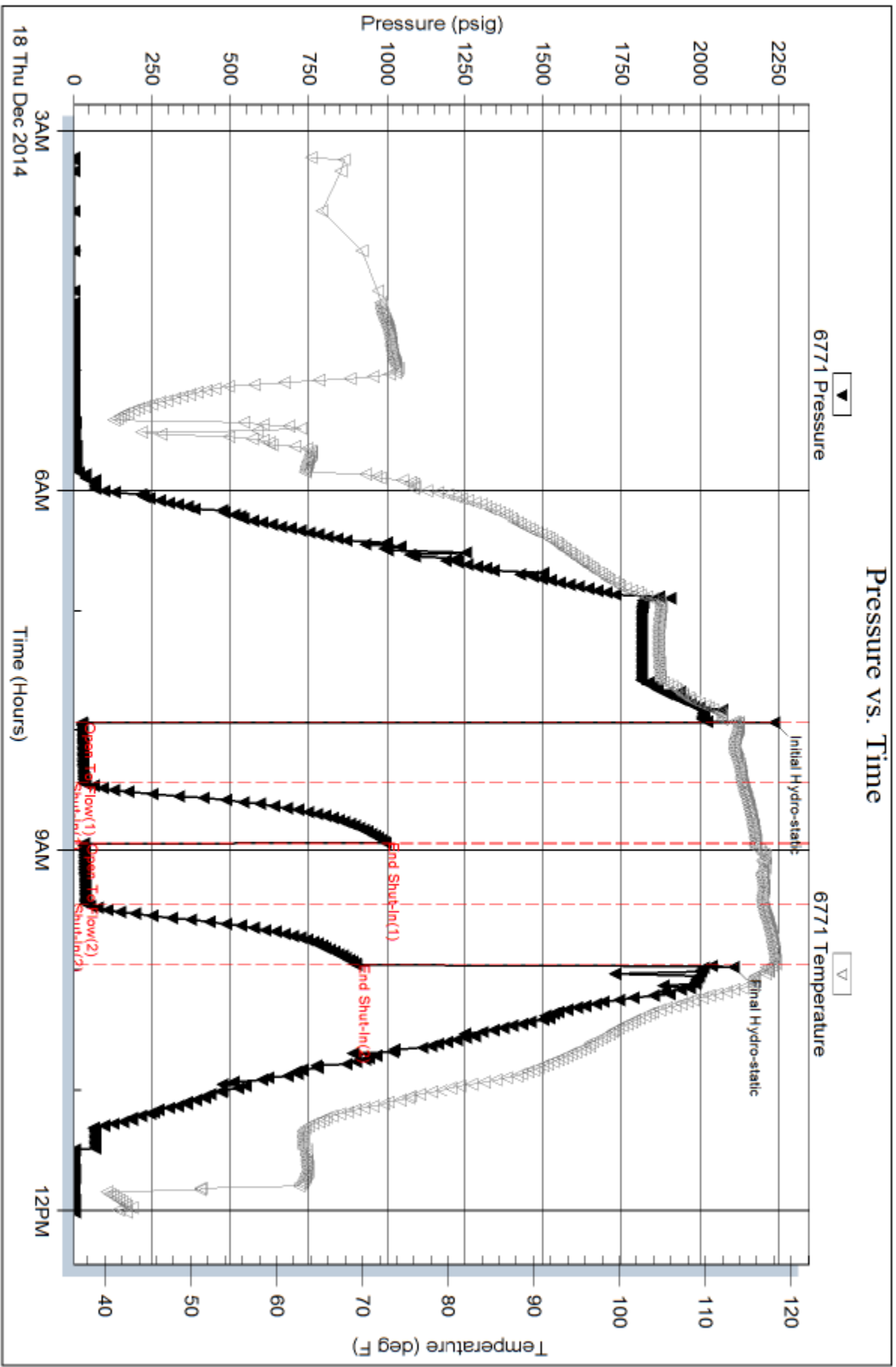
Serial #: 6771

Inside

Shakespeare Oil Co. Inc

Burns #1-19

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 49200

Printed: 2014.12.18 @ 13:22:13