



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

33/4s/29w Decatur KS

202 W Main St
Salem, IL 62881

Anderson #1-33

Job Ticket: 62688

DST#: 4

ATTN: Tim Priest

Test Start: 2016.09.13 @ 16:05:00

GENERAL INFORMATION:

Formation: **Lans. "F -G"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:34:30

Time Test Ended: 22:20:15

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 83

Interval: 3940.00 ft (KB) To 3982.00 ft (KB) (TVD)

Total Depth: 3982.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2784.00 ft (KB)

2774.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6625 Inside

Press@RunDepth: 18.11 psig @ 3941.00 ft (KB)

Start Date: 2016.09.13

End Date:

2016.09.13

Start Time: 16:05:05

End Time:

22:20:14

Capacity: 8000.00 psig

Last Calib.: 2016.09.13

Time On Btm: 2016.09.13 @ 17:34:00

Time Off Btm: 2016.09.13 @ 20:37:30

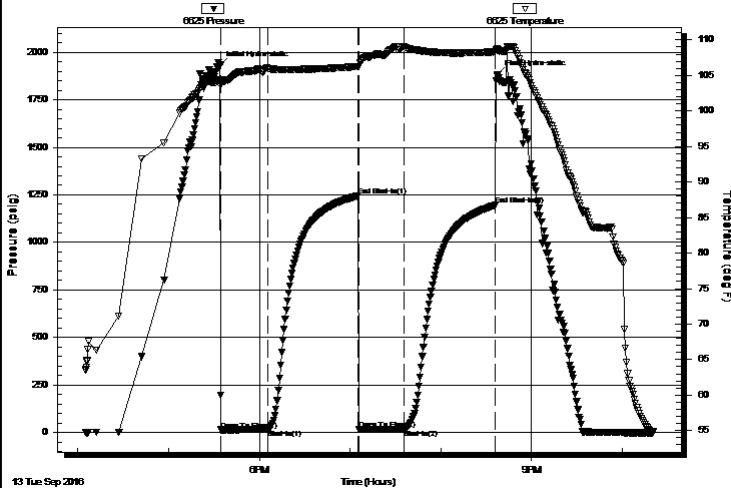
TEST COMMENT: 30 - IF: Blow built to 1/4" then died back, dead at 26 min.

60 - ISI: No blow

30 - FF: No blow

60 - FSI: No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1930.46	104.36	Initial Hydro-static
1	13.28	104.11	Open To Flow (1)
32	16.20	105.98	Shut-In(1)
92	1243.93	106.26	End Shut-In(1)
92	17.03	106.25	Open To Flow (2)
122	18.11	109.04	Shut-In(2)
182	1194.89	108.33	End Shut-In(2)
184	1880.02	108.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
8.00	Mud w /trace oil	0.11

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



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2774.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8366 Outside

Press@RunDepth: psig @ 3941.00 ft (KB)

Start Date: 2016.09.13

End Date:

2016.09.13

Start Time: 16:05:05

End Time:

22:19:44

Capacity: 8000.00 psig

Last Calib.: 2016.09.13

Time On Btm:

Time Off Btm:

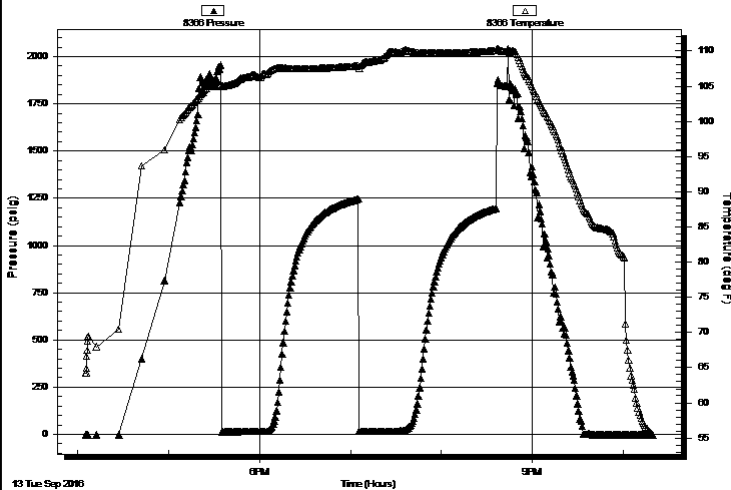
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Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
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Recovery

Length (ft)	Description	Volume (bbl)
8.00	Mud w /trace oil	0.11

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FLUID SUMMARY

Shakespeare Oil Co., Inc.

33/4s/29w Decatur KS

202 W Main St
Salem, IL 62881

Anderson #1-33

Job Ticket: 62688

DST#: 4

ATTN: Tim Priest

Test Start: 2016.09.13 @ 16:05:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 6.37 in³

Resistivity: ohm.m

Salinity: 1300.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
8.00	Mud w /trace oil	0.112

Total Length: 8.00 ft Total Volume: 0.112 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6625

Inside

Shakespeare Oil Co., Inc.

Anderson #1-33

DST Test Number: 4

Pressure vs. Time

