



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co INC

Scheetz 2-16

202 W Main st
Salem IL 62881 + 1519

16-13s-32w-Logan

ATTN: Don Williams

Job Ticket: 44634

DST#: 2

Test Start: 2011.09.19 @ 16:24:30

GENERAL INFORMATION:

Formation: **LKC-D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:47:30

Time Test Ended: 23:18:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Jeff Brown

Unit No: 44

Interval: 4070.00 ft (KB) To 4115.00 ft (KB) (TVD)

Reference Elevations: 3033.00 ft (KB)

Total Depth: 4115.00 ft (KB) (TVD)

3023.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8321

Inside

Press @ Run Depth: 51.66 psig @ 4107.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.19

End Date:

2011.09.19

Last Calib.:

2011.09.19

Start Time: 16:24:31

End Time:

23:17:30

Time On Btm:

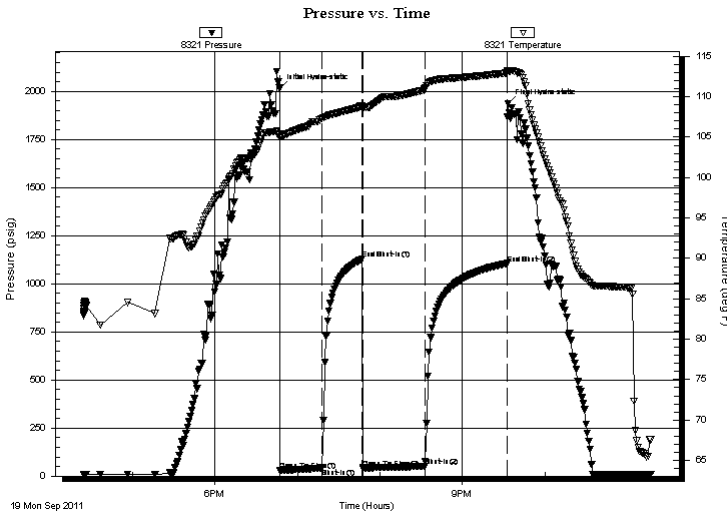
2011.09.19 @ 18:47:00

Time Off Btm:

2011.09.19 @ 21:33:30

TEST COMMENT: IFP-Weak blow built to 2 in
ISI-Dead no blow back
FFP-Weak blow built to 1 1/2 in
FSI-Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2016.69	105.40	Initial Hydro-static
1	31.05	105.07	Open To Flow (1)
31	39.90	107.25	Shut-In(1)
60	1128.35	108.92	End Shut-In(1)
61	42.83	108.48	Open To Flow (2)
106	51.66	110.95	Shut-In(2)
166	1105.67	112.95	End Shut-In(2)
167	1937.37	113.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
57.00	Mud	0.80

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: Don Williams

Test Start: 2011.09.19 @ 16:24:30

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: 66.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
57.00	Mud	0.800

Total Length: 57.00 ft Total Volume: 0.800 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8321

Inside

Shakespeare Oil Co INC

16-13s-32w -Logan

DST Test Number: 2

