



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc.

S30-16s-34w Scott/KS

202 W Main
Salem, IL 62881

Bohneblust #1-30

Job Ticket: 61559

DST#: 1

ATTN: Tim Priest

Test Start: 2015.02.01 @ 11:13:00

GENERAL INFORMATION:

Formation: **Lansing 'H,I'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:10:00

Time Test Ended: 19:37:39

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 61

Interval: 4235.00 ft (KB) To 4295.00 ft (KB) (TVD)

Reference Elevations: 3170.00 ft (KB)

Total Depth: 4295.00 ft (KB) (TVD)

3162.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8357 Inside

Press @ Run Depth: 73.50 psig @ 4239.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.02.01 End Date: 2015.02.01

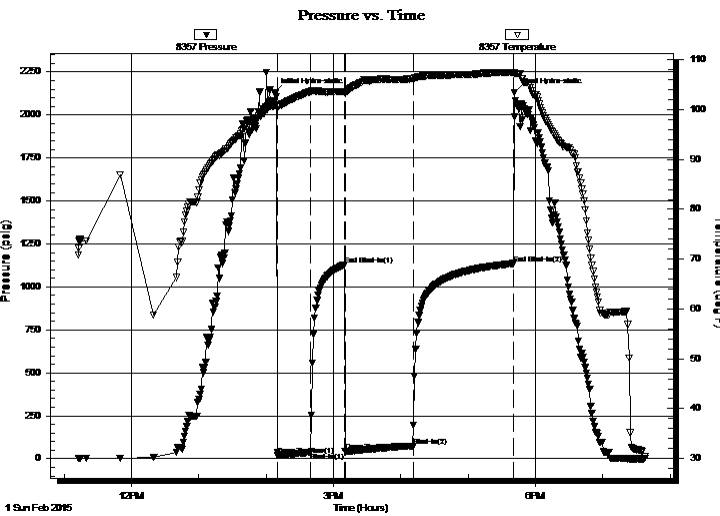
Last Calib.: 2015.02.01

Start Time: 11:13:02 End Time: 19:37:40

Time On Btm: 2015.02.01 @ 14:07:40

Time Off Btm: 2015.02.01 @ 17:41:30

TEST COMMENT: 30- 2" Blow .
30- No return.
60- 2" Blow .
90- No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2131.85	100.80	Initial Hydro-static
3	22.13	100.54	Open To Flow (1)
32	38.34	103.63	Shut-In(1)
63	1128.67	103.67	End Shut-In(1)
63	41.77	103.30	Open To Flow (2)
124	73.50	106.22	Shut-In(2)
213	1136.64	107.47	End Shut-In(2)
214	2129.82	107.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	RW: .310 @ 40 Degrees F = 42000 PPM	0.00
0.00	API: @ Degrees F =	0.00
130.00	OSWM 5w 95m	0.73

Gas Rates

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



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FLUID SUMMARY

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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:

42000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	RW: .310 @ 40 Degrees F = 42000 PPM	0.000
0.00	API: @ Degrees F =	0.000
130.00	OSWM 5w 95m	0.730

Total Length: 130.00 ft

Total Volume: 0.730 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8357

Inside

Shakespeare Oil Co. Inc.

Bohneblust#1-30

DST Test Number: 1

