



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

S2-16s-31w Scott, KS

202 W Main St.
Salem, IL 62881

York #1-2

Job Ticket: 52926

DST#: 9

ATTN: Tim Priest

Test Start: 2013.08.25 @ 06:15:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:55:20

Time Test Ended: 14:48:40

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: 4512.00 ft (KB) To 4535.00 ft (KB) (TVD)

Reference Elevations: 2876.00 ft (KB)

Total Depth: 4535.00 ft (KB) (TVD)

2866.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 95.81 psig @ 4519.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.08.25

End Date: 2013.08.25

Last Calib.: 2013.08.25

Start Time: 06:15:02

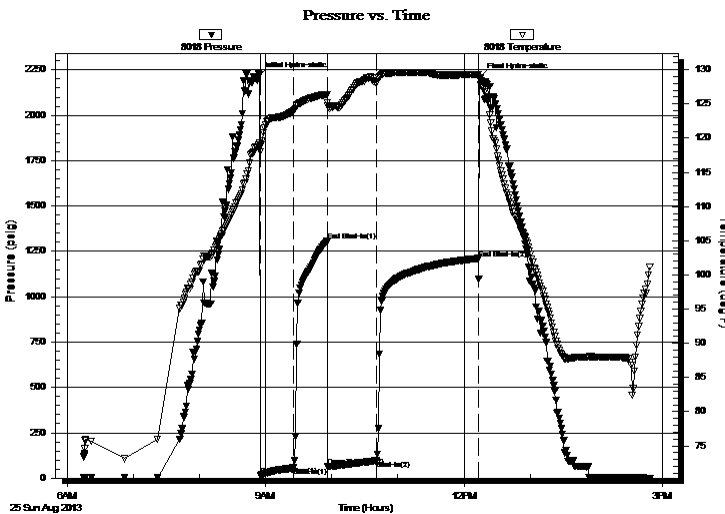
End Time: 14:48:40

Time On Btm: 2013.08.25 @ 08:53:50

Time Off Btm: 2013.08.25 @ 12:14:20

TEST COMMENT: B.O.B. @ 22 min.
2" Return.
B.O.B. @ 23 min.
3" Return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2214.25	119.00	Initial Hydro-static
2	15.56	118.03	Open To Flow (1)
32	57.10	124.04	Shut-In(1)
62	1305.44	126.38	End Shut-In(1)
63	65.06	124.73	Open To Flow (2)
107	95.81	127.95	Shut-In(2)
200	1210.56	129.31	End Shut-In(2)
201	2206.39	128.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
220.00	GMCO 15g 20m 65o	1.43
0.00	440' Weak GIP	0.00

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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DST#: 9

ATTN: Tim Priest

Test Start: 2013.08.25 @ 06:15:00

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: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 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
220.00	GMCO 15g 20m 65o	1.428
0.00	440' Weak GIP	0.000

Total Length: 220.00 ft Total Volume: 1.428 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8018

Inside

Shakespeare Oil Co., Inc.

York #1-2

DST Test Number: 9

