



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc

B Ottley 2-25

202 W. Main
Salem, IL 62881

S25-13-32 Logan, KS

ATTN: Pat Deenihan

Job Ticket: 43143

DST#: 3

Test Start: 2011.06.13 @ 01:46:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:27:20

Time Test Ended: 08:23:09

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: 4497.00 ft (KB) To 4547.00 ft (KB) (TVD)

Reference Elevations: 2926.00 ft (KB)

Total Depth: 4547.00 ft (KB) (TVD)

2916.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6751 Outside

Press @ Run Depth: 19.69 psig @ 4498.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.06.13

End Date: 2011.06.13

Last Calib.: 2011.06.13

Start Time: 01:46:02

End Time: 08:23:10

Time On Btm: 2011.06.13 @ 04:25:10

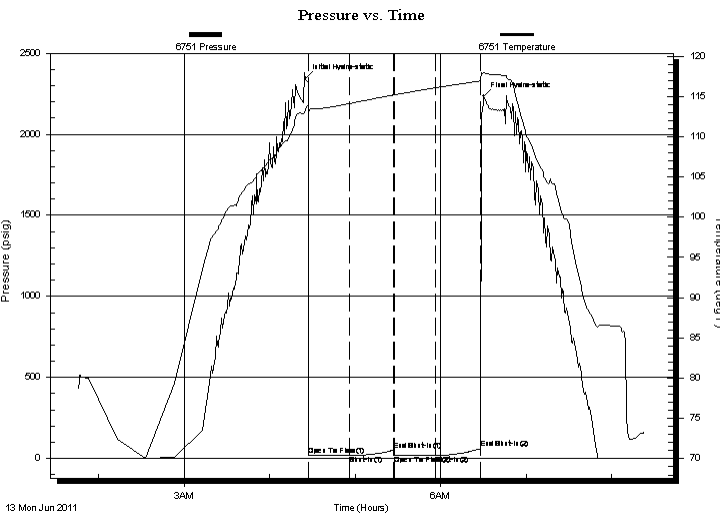
Time Off Btm: 2011.06.13 @ 06:30:20

TEST COMMENT: IF: Surface blow died @ 14 min.

IS: No return.

FF: No blow.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2346.36	113.28	Initial Hydro-static
3	16.98	112.87	Open To Flow (1)
32	18.70	114.13	Shut-In(1)
62	51.57	115.20	End Shut-In(1)
63	17.66	115.19	Open To Flow (2)
92	19.69	116.08	Shut-In(2)
123	61.66	116.93	End Shut-In(2)
126	2233.05	117.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	M 100m w with an oil spot in tool.	0.01

Gas Rates

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



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FLUID SUMMARY

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DST#: 3

ATTN: Pat Deenihan

Test Start: 2011.06.13 @ 01:46:00

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	M 100m with an oil spot in tool.	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6751

Outside Shakespeare Oil Co., Inc

S25-13-32 Logan, KS

DST Test Number: 3

