



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co Inc

14-14-32 Logan, Ks

202 W Main St
Saem, Il
62881

K Ottley #1-14

Job Ticket: 46594

DST#: 7

ATTN: Steve Davis

Test Start: 2012.06.05 @ 18:00:15

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 19:42:45

Time Test Ended: 23:05:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Cole Archibald

Unit No: 55

Interval: 4383.00 ft (KB) To 4425.00 ft (KB) (TVD)

Reference Elevations: 2824.00 ft (KB)

Total Depth: 3870.00 ft (KB) (TVD)

2819.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8368

Inside

Press @ Run Depth: 42.64 psig @ 4384.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.05

End Date:

2012.06.05

Last Calib.:

2012.06.05

Start Time:

18:00:15

End Time:

23:05:15

Time On Btm:

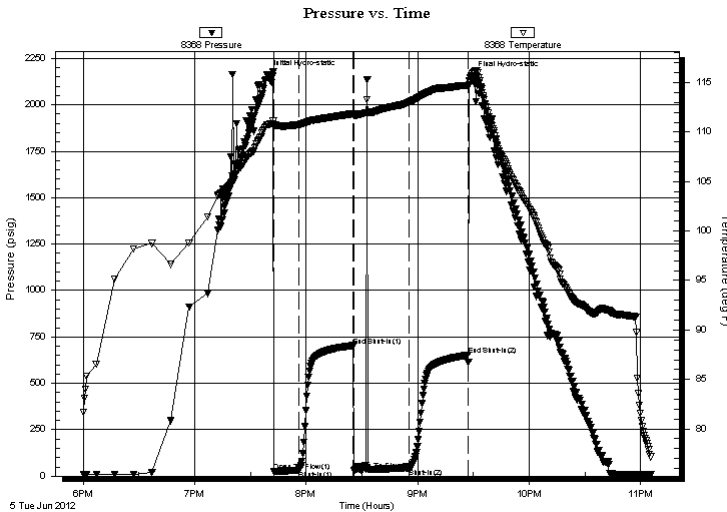
2012.06.05 @ 19:38:45

Time Off Btm:

2012.06.05 @ 21:28:45

TEST COMMENT: weak surface blow died after 12 min
no return
no blow, flushed tool, no blow
no return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2164.89	110.78	Initial Hydro-static
4	26.02	110.69	Open To Flow (1)
17	31.36	110.76	Shut-In(1)
47	703.14	111.86	End Shut-In(1)
47	32.86	111.66	Open To Flow (2)
77	42.64	113.05	Shut-In(2)
109	652.00	114.71	End Shut-In(2)
110	2156.58	115.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	M	0.07

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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ATTN: Steve Davis

Test Start: 2012.06.05 @ 18:00:15

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	M	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8368

Inside

Shakespeare Oil Co Inc

K Otley #1-14

DST Test Number: 7

