



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc

25-16s-34w Scott Co. KS

202 West Main St.
Salem IL 62881

Carson # 1-25

Job Ticket: 45890

DST#: 3

ATTN: Tim Priest

Test Start: 2012.05.30 @ 11:50:00

GENERAL INFORMATION:

Formation: **LKC " H - J "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:28:10

Time Test Ended: 18:35:54

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 40

Interval: 4207.00 ft (KB) To 4300.00 ft (KB) (TVD)

Reference Elevations: 3112.00 ft (KB)

Total Depth: 4300.00 ft (KB) (TVD)

3104.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8652 Inside

Press @ Run Depth: 290.89 psig @ 4208.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.30

End Date:

2012.05.30

Last Calib.:

2012.05.30

Start Time:

11:50:00

End Time:

18:35:54

Time On Btm:

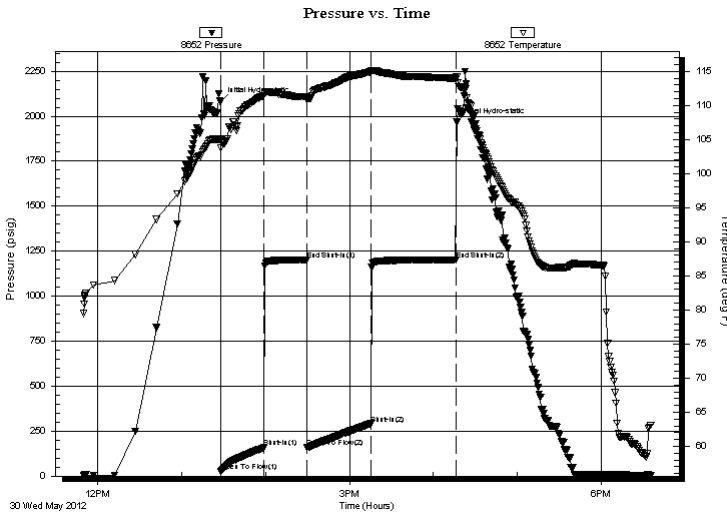
2012.05.30 @ 13:27:55

Time Off Btm:

2012.05.30 @ 16:16:39

TEST COMMENT: IF- Surface Blow Built to BOB in 16 1/2min
IS- No Blow
FF- Surface Blow Built to BOB in 21min
FS- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2081.41	105.05	Initial Hydro-static
1	26.19	103.70	Open To Flow (1)
31	158.23	111.42	Shut-In(1)
62	1202.83	111.30	End Shut-In(1)
62	159.12	110.84	Open To Flow (2)
108	290.89	114.90	Shut-In(2)
169	1203.26	113.97	End Shut-In(2)
169	1967.19	114.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
122.00	WCM 33%w 67%m	0.60
120.00	WCM 28%w 72%m	1.68
180.00	WCM 20%w 80%m with Few Oil Spots	2.52
150.00	WCM 5%w 95%w with Skim of Oil on T	2.10

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Job Ticket: 45890

DST#: 3

ATTN: Tim Priest

Test Start: 2012.05.30 @ 11:50:00

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:

64000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.47 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
122.00	WCM 33%w 67%m	0.600
120.00	WCM 28%w 72%m	1.683
180.00	WCM 20%w 80%m with Few Oil Spots	2.525
150.00	WCM 5%w 95%m with Skim of Oil on Top	2.104

Total Length: 572.00 ft

Total Volume: 6.912 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW is .1 @ 79f =64000

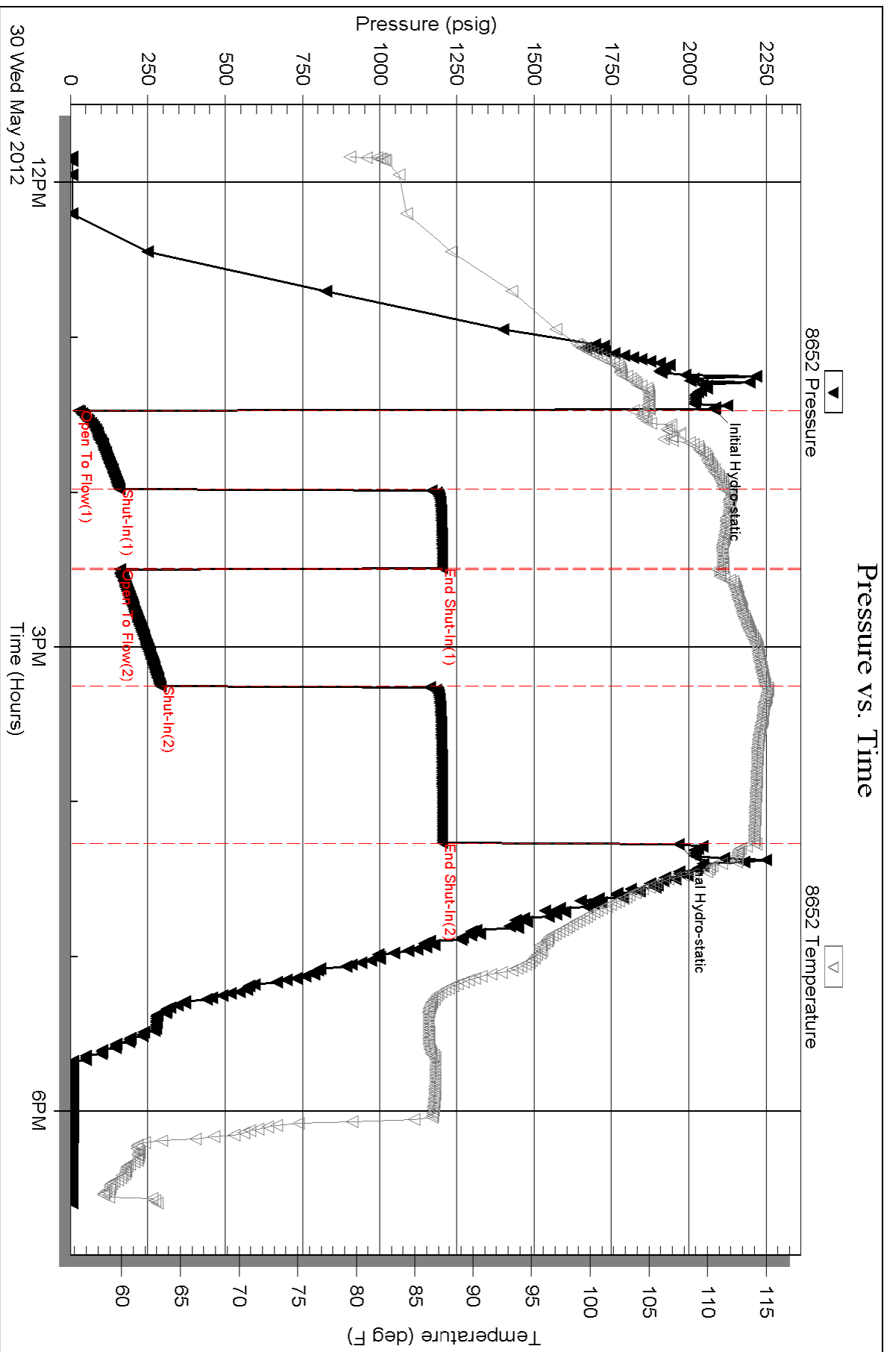
Serial #: 8652

Inside

Shakespeare Oil Co. Inc

Carson # 1-25

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 45890

Printed: 2012.05.31 @ 08:12:01