



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil

Ottley #5-15

202 W. Main
Salem, IL 62881

S15-14-32 Logan, KS

ATTN: Steve Davis

Job Ticket: 35332

DST#: 4

Test Start: 2009.10.07 @ 15:31:00

GENERAL INFORMATION:

Formation: **LKC 'J'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:05:00

Time Test Ended: 20:50:47

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: 3972.00 ft (KB) To 3998.00 ft (KB) (TVD)

Reference Elevations: 2752.00 ft (KB)

Total Depth: 3998.00 ft (KB) (TVD)

2742.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8359 Inside

Press @ Run Depth: 77.12 psig @ 3973.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2009.10.07 End Date: 2009.10.07

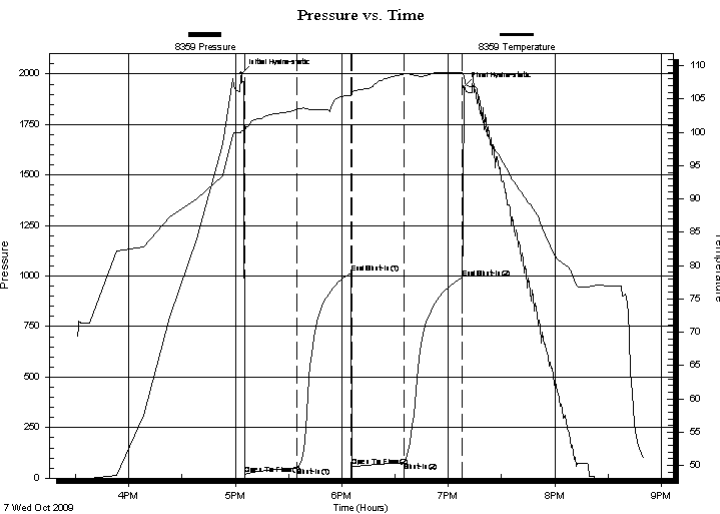
Last Calib.: 2009.10.07

Start Time: 15:31:05 End Time: 20:50:47

Time On Btm: 2009.10.07 @ 17:03:24

Time Off Btm: 2009.10.07 @ 19:08:36

TEST COMMENT: IF: 3" Blow.
IS: No return.
FF: 2" Blow.
FS: Weak surface return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2002.19	99.92	Initial Hydro-static
2	20.00	100.11	Open To Flow (1)
32	51.40	103.46	Shut-In(1)
62	1016.25	105.49	End Shut-In(1)
63	57.66	106.10	Open To Flow (2)
92	77.12	108.76	Shut-In(2)
125	991.90	108.98	End Shut-In(2)
126	1935.71	108.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	SOCM 2%O 98%M	0.30
62.00	OSWM 27%W 73%M	0.30
0.00	RW: .245 @ 56 Degrees F = 40000 chlri	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil

Ottley #5-15

202 W. Main
Salem, IL 62881

S15-14-32 Logan, KS

Job Ticket: 35332

DST#: 4

ATTN: Steve Davis

Test Start: 2009.10.07 @ 15:31:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

40000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
62.00	SOCM 2%O 98%M	0.305
62.00	OSWM 27%W 73%M	0.305
0.00	RW: .245 @ 56 Degrees F = 40000 chloride	0.000

Total Length: 124.00 ft

Total Volume: 0.610 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

