



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co. LLC

23/13s/31w Gove, Ks

202 W Main St.
Salem IL, 62881

Zerr Trust # 2-23

ATTN: Pat Deenihan

Job Ticket: 45401

DST#: 2

Test Start: 2011.10.08 @ 01:15:58

GENERAL INFORMATION:

Formation: **K**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 03:48:43
 Time Test Ended: 10:40:43
 Interval: **4187.00 ft (KB) To 4210.00 ft (KB) (TVD)**
 Total Depth: 4210.00 ft (KB) (TVD)
 Hole Diameter: 7.78 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Shane McBride
 Unit No: 55
 Reference Elevations: 2892.00 ft (KB)
 2882.00 ft (CF)
 KB to GR/CF: 10.00 ft

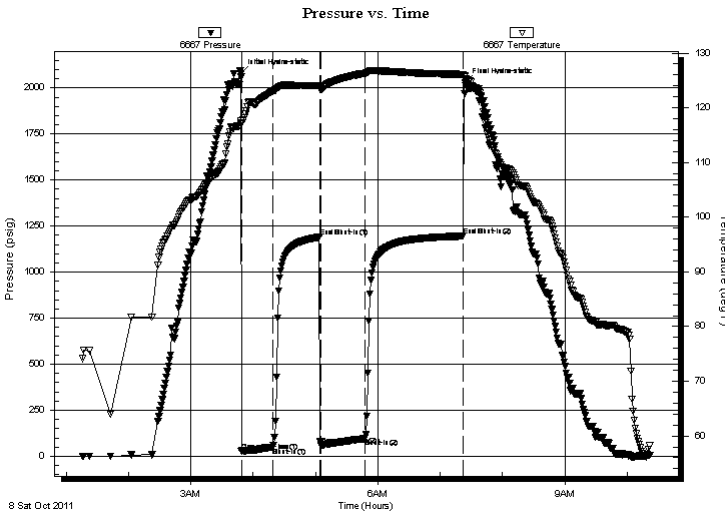
Serial #: 6667

Inside

Press @ Run Depth: 96.77 psig @ 4188.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.10.08 End Date: 2011.10.08 Last Calib.: 2011.10.08
 Start Time: 01:15:58 End Time: 10:21:43 Time On Btm: 2011.10.08 @ 03:47:58
 Time Off Btm: 2011.10.08 @ 07:23:43

TEST COMMENT: B.O.B. in 13 min.
 No return
 B.O.B. in 13 min
 Return blow built to 3" in

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2075.65	117.14	Initial Hydro-static
1	27.60	117.17	Open To Flow (1)
31	50.39	123.05	Shut-In(1)
76	1190.39	124.02	End Shut-In(1)
77	58.21	123.53	Open To Flow (2)
120	96.77	126.31	Shut-In(2)
215	1196.08	126.10	End Shut-In(2)
216	2027.79	125.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	c g o 5%g 95%o	0.63
80.00	w & o c m 20%w 30%o 50%m	1.12
60.00	m c w 20%m 80%w trace of oil	0.84
0.00	235' weak gas in pipe	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co. LLC

23/13s/31w Gove, Ks

202 W Main St.
Salem IL, 62881

Zerr Trust # 2-23

Job Ticket: 45401

DST#: 2

ATTN: Pat Deenihan

Test Start: 2011.10.08 @ 01:15:58

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

48000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
45.00	c g o 5%g 95%o	0.631
80.00	w & o c m 20%w 30%o 50%m	1.122
60.00	m c w 20%m 80%w trace of oil	0.842
0.00	235' weak gas in pipe	0.000

Total Length: 185.00 ft

Total Volume: 2.595 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw .239 @ 56*f = 48,000

