



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co Inc

23-13-31 Gove Ks

202 W Main St
Salem IL 62881

Zerr Trust 3-23

Job Ticket: 48367

DST#: 5

ATTN: Tim Priest

Test Start: 2012.07.25 @ 03:10:31

GENERAL INFORMATION:

Formation: **J**
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole (Reset)**
 Time Tool Opened: **04:57:01** Tester: **Brandon Turley**
 Time Test Ended: **09:50:01** Unit No: **60**
Interval: 4153.00 ft (KB) To 4170.00 ft (KB) (TVD) Reference Elevations: **2871.00 ft (KB)**
 Total Depth: **4170.00 ft (KB) (TVD)** **2864.00 ft (CF)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair** KB to GR/CF: **7.00 ft**

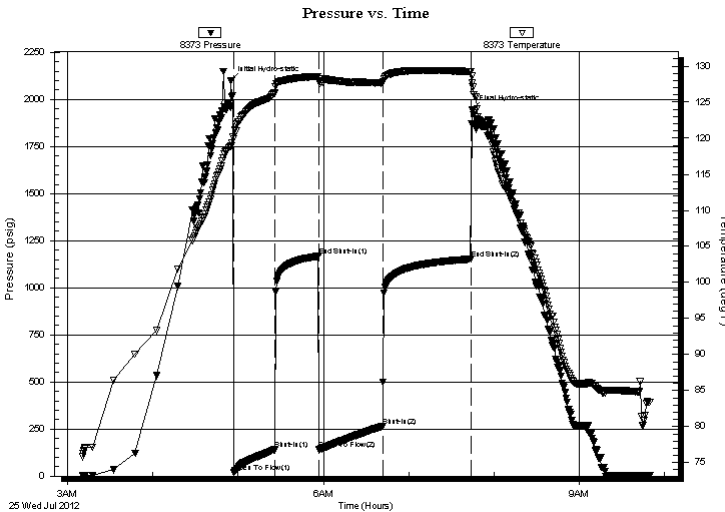
Serial #: 8373

Inside

Press @ Run Depth: **266.39 psig @ 4158.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2012.07.25** End Date: **2012.07.25** Last Calib.: **2012.07.25**
 Start Time: **03:10:36** End Time: **09:50:00** Time On Btm: **2012.07.25 @ 04:55:01**
 Time Off Btm: **2012.07.25 @ 07:44:46**

TEST COMMENT: IF: BOB in 13 min.
 IS: No return.
 FF: BOB in 16 min.
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2099.96	118.91	Initial Hydro-static
2	17.95	119.96	Open To Flow (1)
31	140.11	126.24	Shut-In(1)
62	1168.14	128.55	End Shut-In(1)
62	142.63	128.01	Open To Flow (2)
107	266.39	127.67	Shut-In(2)
169	1152.86	129.25	End Shut-In(2)
170	1947.70	127.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
248.00	mcw 95%w 5%m	2.35
206.00	mcw 70%w 30%m	2.89

* Recovery from multiple tests

Gas Rates

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



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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:

42000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
248.00	mcw 95%w 5%m	2.349
206.00	mcw 70%w 30%m	2.890

Total Length: 454.00 ft Total Volume: 5.239 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .15@83=42000

Serial #: 8373

Inside

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DST Test Number: 5

