



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co, Inc

23-13s-31w

202 W Main Street
Salem, IL 62881

Zerr Trust #4-23

ATTN: Tim Priest

Job Ticket: 53319

DST#: 1

Test Start: 2013.07.15 @ 09:35:00

GENERAL INFORMATION:

Formation: **Lansing "B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:18:40

Time Test Ended: 17:56:09

Test Type: Conventional Bottom Hole (Initial)

Tester: Cornelio Landa III (

Unit No: 62

Interval: 3954.00 ft (KB) To 3986.00 ft (KB) (TVD)

Reference Elevations: 2880.00 ft (KB)

Total Depth: 3986.00 ft (KB) (TVD)

2870.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6751 Outside

Press @ Run Depth: 199.74 psig @ 3959.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.07.15

End Date:

2013.07.15

Last Calib.: 2013.07.15

Start Time: 09:35:05

End Time:

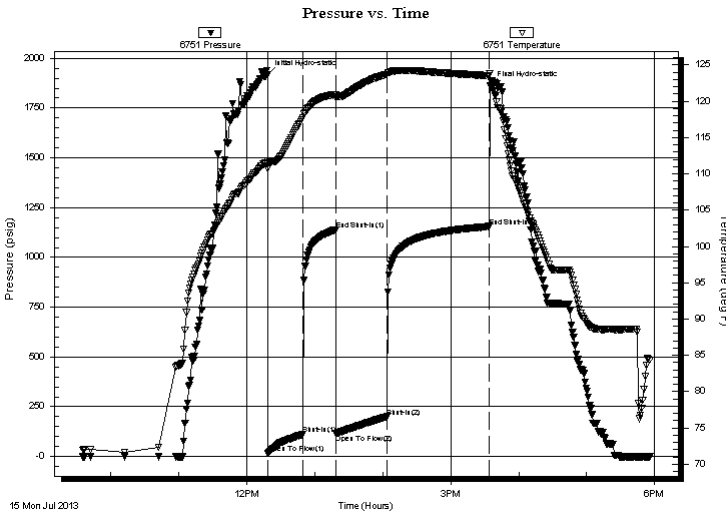
17:56:10

Time On Btm: 2013.07.15 @ 12:18:30

Time Off Btm: 2013.07.15 @ 15:34:30

TEST COMMENT: IF: Bob in 20 mins.
IS: No return
FF: Bob in 24 mins.
FS: No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1917.74	111.73	Initial Hydro-static
1	14.80	110.69	Open To Flow (1)
31	111.48	117.70	Shut-In(1)
60	1138.59	120.92	End Shut-In(1)
61	113.85	120.47	Open To Flow (2)
106	199.74	123.70	Shut-In(2)
196	1154.94	123.53	End Shut-In(2)
196	1861.70	123.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
59.00	Mw 20m 80w	0.29
59.00	Mw 5m 95w	0.29
300.00	Mw 5m 95w	4.21

Gas Rates

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



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FLUID SUMMARY

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ATTN: Tim Priest

Test Start: 2013.07.15 @ 09:35:00

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:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
59.00	Mw 20m 80w	0.290
59.00	Mw 5m 95w	0.290
300.00	Mw 5m 95w	4.208

Total Length: 418.00 ft Total Volume: 4.788 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6751

Outside Shakespeare Oil Co, Inc

Zerr Trust #4-23

DST Test Number: 1

