



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc.

S3-13s-32w Logan, KS

202 W Main
Salem, IL 62881

Andersen #1-3

Job Ticket: 57197

DST#: 1

ATTN: Tim Priest

Test Start: 2014.08.11 @ 03:57:00

GENERAL INFORMATION:

Formation: **LKC EF**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:05:30

Time Test Ended: 11:50:39

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 61

Interval: 4115.00 ft (KB) To 4137.00 ft (KB) (TVD)

Total Depth: 4137.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3045.00 ft (KB)

3035.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8357

Inside

Press@RunDepth: 35.72 psig @ 4119.00 ft (KB)

Start Date: 2014.08.11

End Date:

2014.08.11

Start Time: 03:57:02

End Time:

11:50:40

Capacity: 8000.00 psig

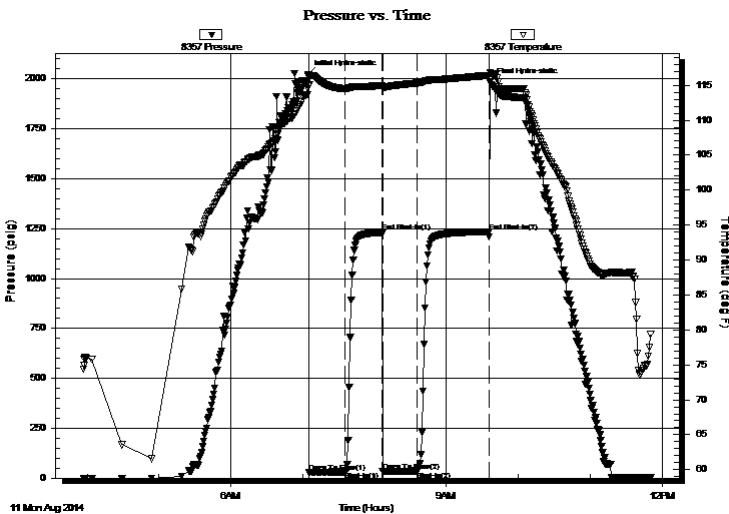
Last Calib.: 2014.08.11

Time On Btm: 2014.08.11 @ 07:04:30

Time Off Btm: 2014.08.11 @ 09:36:20

TEST COMMENT: 30- Surface blow died @ 20 min. Tool slid 8'.
30- Noreturn.
30- No blow.
60- No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2019.90	114.52	Initial Hydro-static
1	27.94	115.08	Open To Flow (1)
31	31.94	114.51	Shut-In(1)
62	1231.50	114.98	End Shut-In(1)
63	33.25	114.74	Open To Flow (2)
91	35.72	115.31	Shut-In(2)
151	1233.97	116.41	End Shut-In(2)
152	1979.60	116.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	OSM 100m	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co. Inc.

S3-13s-32w Logan, KS

202 W Main
Salem, IL 62881

Andersen #1-3

Job Ticket: 57197

DST#: 1

ATTN: Tim Priest

Test Start: 2014.08.11 @ 03:57:00

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	OSM 100m	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API: @ Degrees F =

Pressure vs. Time

