



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co

17-13-32 Logan, KS

202 w main st
Salem, IL 62881

Campbell 3-17

Job Ticket: 54972

DST#: 2

ATTN: Tim Priest

Test Start: 2013.11.18 @ 20:54:15

GENERAL INFORMATION:

Formation: **D**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 23:05:15
 Tester: Brandon Turley
 Time Test Ended: 03:58:45
 Unit No: 60
 Interval: **4078.00 ft (KB) To 4108.00 ft (KB) (TVD)**
 Reference Elevations: 3036.00 ft (KB)
 Total Depth: 4108.00 ft (KB) (TVD)
 3029.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 7.00 ft

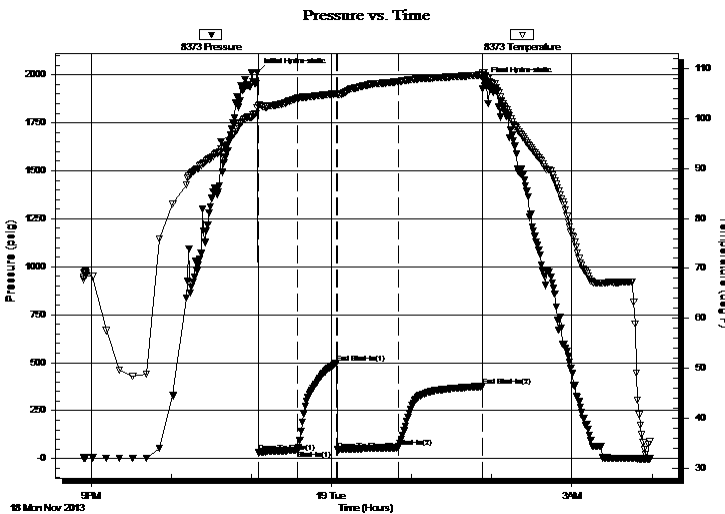
Serial #: 8373

Inside

Press @ Run Depth: 57.63 psig @ 4083.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.11.18 End Date: 2013.11.19 Last Calib.: 2013.11.19
 Start Time: 20:54:20 End Time: 03:58:44 Time On Btm: 2013.11.18 @ 23:04:15
 Time Off Btm: 2013.11.19 @ 01:54:45

TEST COMMENT: IF: 1" blow built to 2 1/4.
 IS: No return.
 FF: Surface blow built to 1.
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2011.54	102.18	Initial Hydro-static
1	30.85	102.57	Open To Flow (1)
31	43.98	104.04	Shut-In(1)
60	499.12	104.94	End Shut-In(1)
60	46.30	104.72	Open To Flow (2)
106	57.63	107.36	Shut-In(2)
169	376.52	108.69	End Shut-In(2)
171	1962.08	108.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	ocm 2%o 98%m	0.44

* 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:

0 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	ocm 2%o 98%m	0.443

Total Length: 90.00 ft Total Volume: 0.443 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

