



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co.
202 W Main St.
Salem IL
62881
ATTN: Tim Priest

23-13-31 Logan Co. KS

Foster 1-17

Job Ticket: 48992

DST#: 8

Test Start: 2012.08.11 @ 17:38:30

GENERAL INFORMATION:

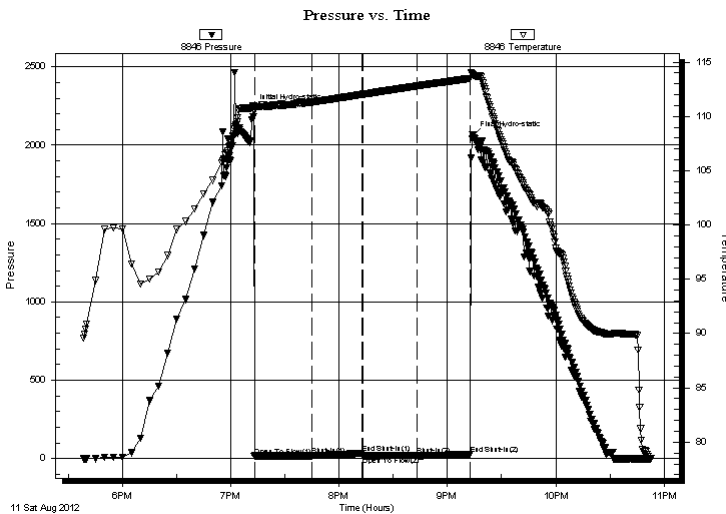
Formation: **Myrick Station**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:13:00
 Time Test Ended: 22:52:30
 Interval: **4249.00 ft (KB) To 4278.00 ft (KB) (TVD)**
 Total Depth: 4278.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 48
 Reference Elevations: 2783.00 ft (KB)
 2773.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8846

Press @ Run Depth: 18.15 psig @ ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.11 End Date: 2012.08.11 Last Calib.: 2012.08.11
 Start Time: 17:38:30 End Time: 22:52:30 Time On Btm: 2012.08.11 @ 19:12:00
 Time Off Btm: 2012.08.11 @ 21:14:00

TEST COMMENT: IF: Built to weak surface blow and died in 6 min.
 IS: No return blow
 FF: No blow
 FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2232.68	110.92	Initial Hydro-static
1	15.84	110.50	Open To Flow (1)
33	17.87	111.32	Shut-In(1)
61	33.52	112.02	End Shut-In(1)
61	16.19	112.02	Open To Flow (2)
91	18.15	112.79	Shut-In(2)
121	27.14	113.50	End Shut-In(2)
122	2062.89	113.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud	0.02

* Recovery from multiple tests

Gas Rates

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



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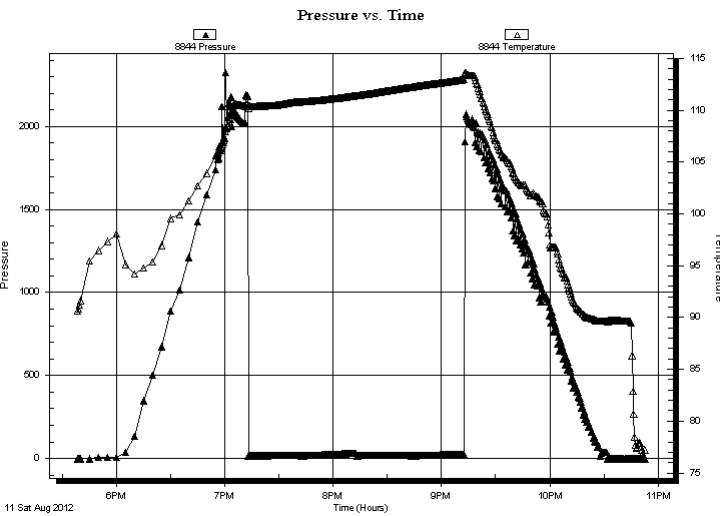
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 Time Test Ended: 22:52:30 Unit No: 48
 Interval: **4249.00 ft (KB) To 4278.00 ft (KB) (TVD)** Reference Elevations: 2783.00 ft (KB)
 Total Depth: 4278.00 ft (KB) (TVD) 2773.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 8844

Press @ Run Depth: psig @ ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.11 End Date: 2012.08.11 Last Calib.: 2012.08.11
 Start Time: 17:38:30 End Time: 22:52:30 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Built to weak surface blow and died in 6 min.
 IS: No return blow
 FF: No blow
 FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud	0.02

Gas Rates

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

* Recovery from multiple tests

