



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Darrah, John Jay Jr
 225 N Market Ste 300
 Wichita Ks 67202 + 2024
 ATTN: Will Darrah

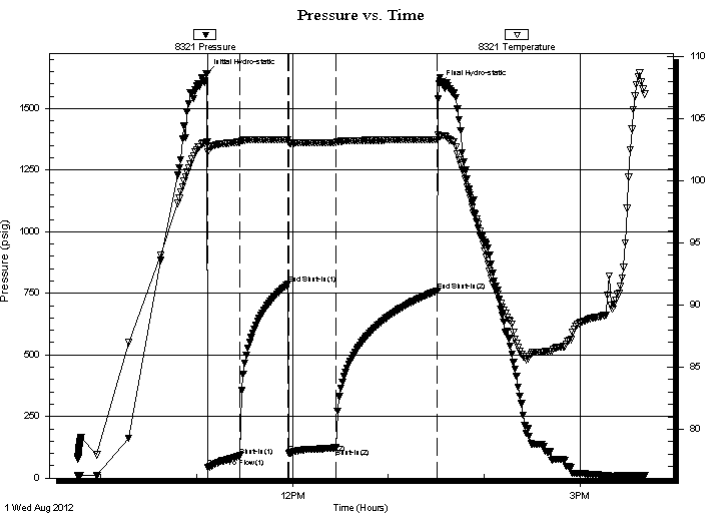
32-15s-10w
John Vacek #6
 Job Ticket: 49341 **DST#: 2**
 Test Start: 2012.08.01 @ 09:45:44

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 11:07:14 Tester: Jeff Brown
 Time Test Ended: 15:50:44 Unit No: 44
 Interval: **3350.00 ft (KB) To 3382.00 ft (KB) (TVD)** Reference Elevations: 1783.00 ft (KB)
 Total Depth: 3282.00 ft (KB) (TVD) 1778.00 ft (CF)
 Hole Diameter: 6.75 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8321 Inside
 Press @ Run Depth: 122.79 psig @ 3355.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.01 End Date: 2012.08.01 Last Calib.: 2012.08.01
 Start Time: 09:45:45 End Time: 15:40:44 Time On Btm: 2012.08.01 @ 11:06:44
 Time Off Btm: 2012.08.01 @ 13:31:44

TEST COMMENT: IFP-Fair blow Built to 9 in
 ISI-Weak surface blow back died out in 15 min
 FFP-Fair blow built to 8 1/2 in
 FSI-Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1642.95	103.11	Initial Hydro-static
1	42.85	102.35	Open To Flow (1)
21	90.29	103.11	Shut-In(1)
51	787.04	103.31	End Shut-In(1)
51	100.58	103.08	Open To Flow (2)
81	122.79	103.06	Shut-In(2)
144	760.18	103.31	End Shut-In(2)
145	1598.53	103.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	MCO 45%M 55%O	0.89
91.00	Gassy Oil 25%G 75%O	0.73

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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John Vacek #6

Job Ticket: 49341

DST#: 2

ATTN: Will Darrah

Test Start: 2012.08.01 @ 09:45:44

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
180.00	MCO 45%M 55%O	0.885
91.00	Gassy Oil 25%G 75%O	0.730

Total Length: 271.00 ft

Total Volume: 1.615 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8321

Inside

Darrah, John Jay Jr

John Vacek #6

DST Test Number: 2

Pressure vs. Time

