



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Connell, Mark Allen

1-19s-10w Rice Co.

606 W. Albro St.
Claflin, Ks. 67525

Behnke #11

Job Ticket: 52025

DST#: 1

ATTN: Seth Evenson

Test Start: 2014.05.27 @ 04:12:47

GENERAL INFORMATION:

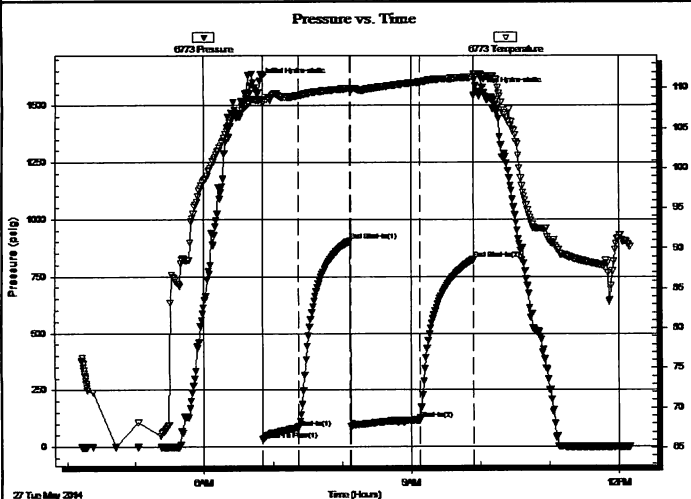
Formation: **Arbuckle**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 06:51:32
 Time Test Ended: 12:10:17
 Interval: **3194.00 ft (KB) To 3248.00 ft (KB) (TVD)**
 Total Depth: 3248.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Matt Smith
 Unit No: 53
 Reference Elevations: 1727.00 ft (KB)
 1722.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6773

Outside

Press@RunDepth: 117.79 psig @ 3195.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.27 End Date: 2014.05.27 Last Calib.: 2014.05.27
 Start Time: 04:12:52 End Time: 12:10:16 Time On Btm: 2014.05.27 @ 06:48:47
 Time Off Btm: 2014.05.27 @ 09:56:47

TEST COMMENT: IF: Strong blow . Surf., to 10".
 IS: No blow .
 FF: Strong blow . B.O.B. in 38 mins.
 FS: Weak blow . Surf., to 1/2".



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1605.16	108.49	Initial Hydro-static
3	31.97	108.24	Open To Flow (1)
34	82.98	109.02	Shut-In(1)
79	906.40	109.93	End Shut-In(1)
79	87.45	109.85	Open To Flow (2)
139	117.79	110.70	Shut-In(2)
185	823.64	111.34	End Shut-In(2)
188	1560.06	111.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	MCOG 15% _m 20% _o 65% _g	0.61
62.00	MWOCG 2% _w 13% _m 45% _o 45% _g	0.30
62.00	GMCO 7% _g 20% _m 73% _o	0.30
5.00	Clean oil 100% _o	0.07
0.00	G.I.P. 744'	0.00

Gas Rates

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



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 56.00 sec/qt
Water Loss: 8.99 in³
Resistivity: 0.00 ohm.m
Salinity: 4000.00 ppm
Filter Cake: 0.20 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 4000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	MCOG 15%m 20%o 65%g	0.610
62.00	MVOCG 2%w 13%m 45%o 45%g	0.305
62.00	GMCO 7%g 20%m 73%o	0.305
5.00	Clean oil 100%o	0.070
0.00	G.I.P. 744'	0.000

Total Length: 253.00 ft Total Volume: 1.290 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

