



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Carmen Schmitt
 PO Box 47
 Great Bend KS, 67530-0047
 ATTN: Brad Rine

14-16s-28w Lane Co, KS
Lawrence #1
 Job Ticket: 61597 **DST#: 2**
 Test Start: 2015.08.05 @ 00:45:00

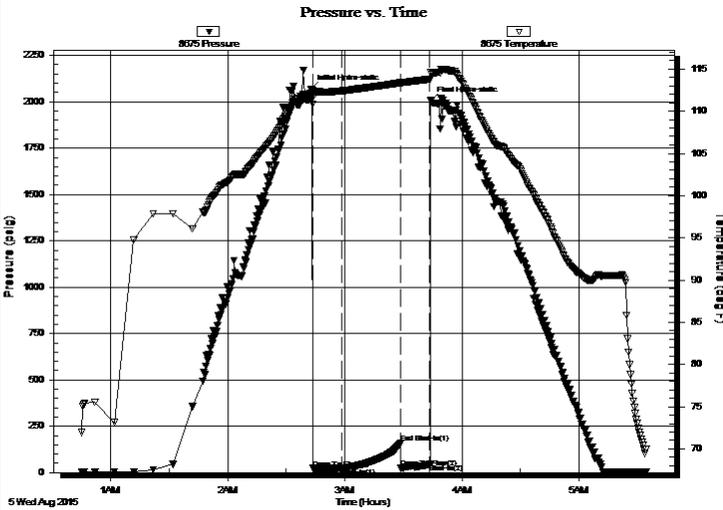
GENERAL INFORMATION:

Formation: **Kansas City 'I'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:43:30
 Time Test Ended: 05:34:15
 Interval: **4148.00 ft (KB) To 4180.00 ft (KB) (TVD)**
 Total Depth: 4180.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jace McKinney
 Unit No: 75
 Reference Elevations: 2731.00 ft (KB)
 2723.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8675 Inside
 Press@RunDepth: 23.98 psig @ 4177.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.08.05 End Date: 2015.08.05 Last Calib.: 2015.08.05
 Start Time: 00:45:15 End Time: 05:34:15 Time On Btm: 2015.08.05 @ 02:42:45
 Time Off Btm: 2015.08.05 @ 03:44:00

TEST COMMENT: Built to 1/2" blow
 No return blow
 No blow
 Pulled

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2066.74	112.14	Initial Hydro-static
1	22.08	110.87	Open To Flow (1)
16	23.98	112.40	Shut-In(1)
46	158.09	113.37	End Shut-In(1)
46	24.25	113.31	Open To Flow (2)
61	45.08	113.81	Shut-In(2)
62	2006.12	114.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100% Mud	0.07

* Recovery from multiple tests

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	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100% Mud	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 8675

Inside

Carmen Schmitt

Lawrence #1

DST Test Number: 2

