



## DRILL STEM TEST REPORT

Prepared For: **Globe Operatingb Inc..**

P.O. Box 12  
Great Bend ,Kansas 67530

ATTN: Keith Reavis

### **CDK Holdings #1**

#### **16-24s-14w Stafford**

Start Date: 2018.03.17 @ 07:03:00

End Date: 2018.03.17 @ 12:48:00

Job Ticket #: 01110                      DST #: 1

Eagle Testers  
1309 Patton Road    Great Bend, Kansas 67530  
620-791-7394

Printed: 2018.03.17 @ 13:16:48



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 P.O. Box 12  
 Great Bend ,Kansas 67530  
 ATTN: Keith Reavis

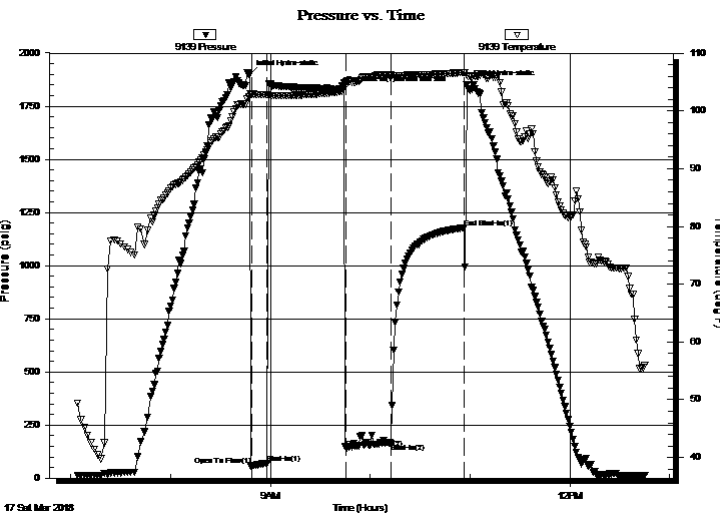
**16-24s-14w Stafford**  
**CDK Holdings #1**  
 Job Ticket: 01110 **DST#: 1**  
 Test Start: 2018.03.17 @ 07:03:00

## GENERAL INFORMATION:

Formation: **Kansas City "I"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 08:48:00  
 Time Test Ended: 12:48:00  
 Interval: **3614.00 ft (KB) To 3468.00 ft (KB) (TVD)**  
 Total Depth: 3868.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Gene Budig  
 Unit No: 1  
 Reference Elevations: 1983.00 ft (KB)  
 1975.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 9139 Outside**  
 Press@RunDepth: 1177.94 psig @ 3862.63 ft (KB) Capacity: 5000.00 psig  
 Start Date: 2018.03.17 End Date: 2018.03.17 Last Calib.: 2018.03.17  
 Start Time: 07:04:00 End Time: 12:45:00 Time On Btm: 2018.03.17 @ 08:47:30  
 Time Off Btm: 2018.03.17 @ 10:58:00

**TEST COMMENT:** 1st Opening 10 Minutes very weak building blow built to 2 inches into the water  
 1st Shut-In 45 Minutes no blow back  
 2nd Opening 30 Minutes very weak building blow built to 1 inch into the water  
 2nd Shut-In 45 Minutes no blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1897.57	102.53	Initial Hydro-static
1	58.23	102.93	Open To Flow (1)
11	69.75	102.85	Shut-In(1)
55	1824.88	103.35	End Shut-In(1)invalid tool slid
58	142.40	105.10	Open To Flow (2)
85	164.86	106.23	Shut-In(2)
129	1177.94	106.69	End Shut-In(1)
131	1853.23	106.11	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
200.00	drilling mud	1.48

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



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**TOOL DIAGRAM**

Globe Operatingb Inc..

**16-24s-14w Stafford**

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Job Ticket: 01110

**DST#: 1**

ATTN: Keith Reavis

Test Start: 2018.03.17 @ 07:03:00

## Tool Information

Drill Pipe:	Length: 3500.00 ft	Diameter: 3.80 inches	Volume: 49.10 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 312.00 ft	Diameter: 2.76 inches	Volume: 2.31 bbl	Weight set on Packer:	200000.0 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	68000.00 lb
			<u>Total Volume: 51.41 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial	58000.00 lb
Depth to Top Packer:	3814.00 ft			Final	58000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	53.63 ft				
Tool Length:	83.63 ft				
Number of Packers:	2	Diameter: 6.76 inches			

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Hydraulic tool	5.00			3789.00	
Shut In Tool	5.00			3794.00	
Jars	5.00			3799.00	
Safety Joint	5.00			3804.00	
Packer	5.00			3809.00	30.00 Bottom Of Top Packer
Packer	5.00		Fluid	3814.00	
Anchor	5.00			3819.00	
Change Over Sub	0.75			3819.75	
Drill Pipe	31.13			3850.88	
Change Over Sub	0.75		Inside	3851.63	
Anchor	11.00			3862.63	
Recorder	0.00	9119	Inside	3862.63	
Recorder	0.00	9139	Outside	3862.63	
Bullnose	5.00			3867.63	53.63 Bottom Packers & Anchor

**Total Tool Length: 83.63**



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## FLUID SUMMARY

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**DST#: 1**

ATTN: Keith Reavis

Test Start: 2018.03.17 @ 07:03:00

### Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 67.00 sec/qt  
Water Loss: 9.19 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 8000.00 ppm  
Filter Cake: 1.00 inches

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

Oil API: deg API  
Water Salinity: ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
200.00	drilling mud	1.480

Total Length: 200.00 ft      Total Volume: 1.480 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

