



## 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: 2018.03.19 @ 01:25:00

End Date: 2018.03.19 @ 00:00:00

Job Ticket #: 01110                      DST #: 2

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

Printed: 2018.03.19 @ 13:00:10



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 Great Bend ,Kansas 67530  
 ATTN: Keith Reavis

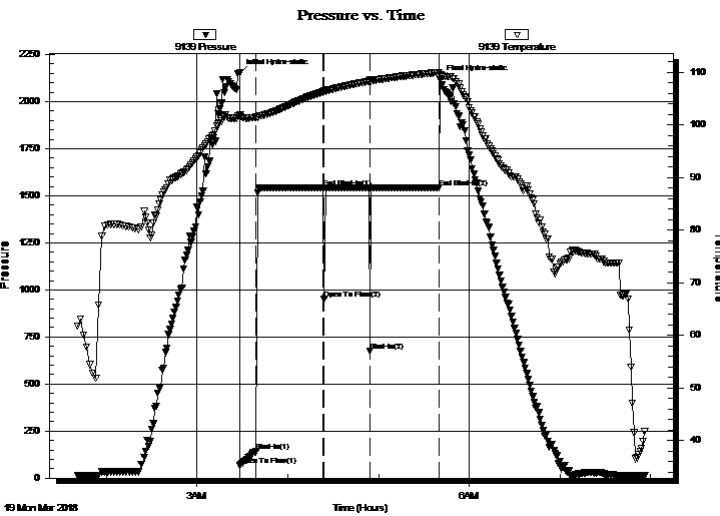
**16-24s-14w Stafford**  
**CDK Holdings #1**  
 Job Ticket: 01110 **DST#: 2**  
 Test Start: 2018.03.19 @ 01:25:00

## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 03:00:00 Tester: Gene Budig  
 Time Test Ended: 00:00:00 Unit No: 1  
 Interval: **4220.00 ft (KB) To 4287.00 ft (KB) (TVD)** Reference Elevations: 1983.00 ft (KB)  
 Total Depth: 4287.00 ft (KB) (TVD) 1975.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

**Serial #: 9139 Outside**  
 Press@RunDepth: 1543.32 psig @ 4281.82 ft (KB) Capacity: 5000.00 psig  
 Start Date: 2018.03.19 End Date: 2018.03.19 Last Calib.: 2018.03.19  
 Start Time: 01:40:00 End Time: 07:56:00 Time On Btm: 2018.03.19 @ 03:28:00  
 Time Off Btm: 2018.03.19 @ 05:41:00

**TEST COMMENT:** 1st Opening 10 Minutes fair blow built to 10 inches into the water  
 1st shut-in 45 Minutes no blow back  
 2ndn Opening 30 Minutes weak blow built to 2 inches ndeased tyo a weak surface blow  
 2nd Shut-In 45 Minutes no blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2151.09	101.67	Initial Hydro-static
1	69.60	101.90	Open To Flow (1)
11	142.47	101.48	Shut-In(1)
56	1543.22	106.28	End Shut-In(1)
56	952.75	106.43	Open To Flow (2)
87	675.46	108.58	Shut-In(2)
132	1543.32	109.97	End Shut-In(2)
133	2116.01	109.43	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
90.00	oil cut mud 10% Oil 80%Mud 10%Water	1.26
0.00	Chlorides 19,200	0.00
60.00	Oil cut w atery mud20%Oil40%Mud40%W	0.84
0.00	Chlorides 21,000	0.00
0.00	chlorides w as chedcked by Rick Hughs	0.00
0.00	w ith Mud Co	0.00

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



# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Globe Operatingb Inc..

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

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ATTN: Keith Reavis

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## Tool Information

Drill Pipe:	Length: 4217.00 ft	Diameter: 3.80 inches	Volume: 59.15 bbl	Tool Weight:	20000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.76 inches	Volume: 0.00 bbl	Weight set on Packer:	2000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	72000.00 lb
			<u>Total Volume: 59.15 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial	61000.00 lb
Depth to Top Packer:	4220.00 ft			Final	61000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	66.82 ft				
Tool Length:	96.82 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4195.00	
Hydraulic tool	5.00			4200.00	
Jars	5.00			4205.00	
Safety Joint	5.00			4210.00	
Packer	5.00			4215.00	30.00 Bottom Of Top Packer
Packer	5.00		Fluid	4220.00	
Anchor	5.00			4225.00	
Change Over Sub	0.75			4225.75	
Drill Pipe	31.32			4257.07	
Change Over Sub	0.75		Inside	4257.82	
Anchor	24.00			4281.82	
Recorder	0.00	9119	Inside	4281.82	
Recorder	0.00	9139	Outside	4281.82	
Bullnose	5.00			4286.82	66.82 Bottom Packers & Anchor

**Total Tool Length: 96.82**



# DRILL STEM TEST REPORT

## FLUID SUMMARY

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### Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 49.00 sec/qt  
Water Loss: 11.20 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 11000.00 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
90.00	oil cut mud 10% Oil 80%Mud 10%Water	1.262
0.00	Chlorides 19,200	0.000
60.00	Oil cut w atery mud20%Oil40%Mud40%Water	0.842
0.00	Chlorides 21,000	0.000
0.00	chlorides w as chedcked by Rick Hughs	0.000
0.00	with Mud Co	0.000

Total Length: 150.00 ft Total Volume: 2.104 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: tool Plugged after the first flow

# Pressure vs. Time

