



DRILL STEM TEST REPORT

Prepared For: **Caerus Kansas LLC**

1390 East 8th Street Suite B
Hays Kansas 67601

ATTN: Justin Carter

Benton 1-42

1-18s-14w-Barton

Start Date: 2012.07.08 @ 10:22:00

End Date: 2012.07.08 @ 16:52:00

Job Ticket #: 17697 DST #: 3

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

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 Job Ticket: 17697 **DST#: 3**
 Test Start: 2012.07.08 @ 10:22:00

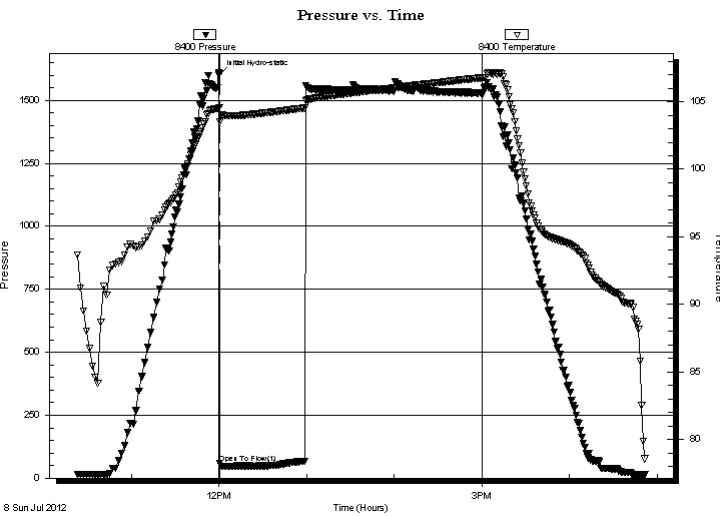
GENERAL INFORMATION:

Formation: **Lansing H-I**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 12:00:30
 Tester: Dustin Ellis
 Time Test Ended: 16:52:00
 Unit No: 3315-Great Bend-22
Interval: 3225.00 ft (KB) To 3263.00 ft (KB) (TVD)
 Reference Elevations: 1838.00 ft (KB)
 Total Depth: 3263.00 ft (KB) (TVD) 1828.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 8400

Press @ RunDepth: psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.07.08 End Date: 2012.07.08 Last Calib.: 2012.07.08
 Start Time: 10:22:00 End Time: 16:52:00 Time On Btm: 2012.07.08 @ 12:00:00
 Time Off Btm:

TEST COMMENT: 1st Open 30 minutes Weak blow blew 1 inch.
 1st Shut in 60 minutes No blow back
 2nd Open 30 minutes No blow Dead
 2nd Shut in 60 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1603.63	104.54	Initial Hydro-static
1	58.65	103.48	Open To Flow (1)

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Oil cut mud 5% Oil 95% Mud	0.42

Gas Rates

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



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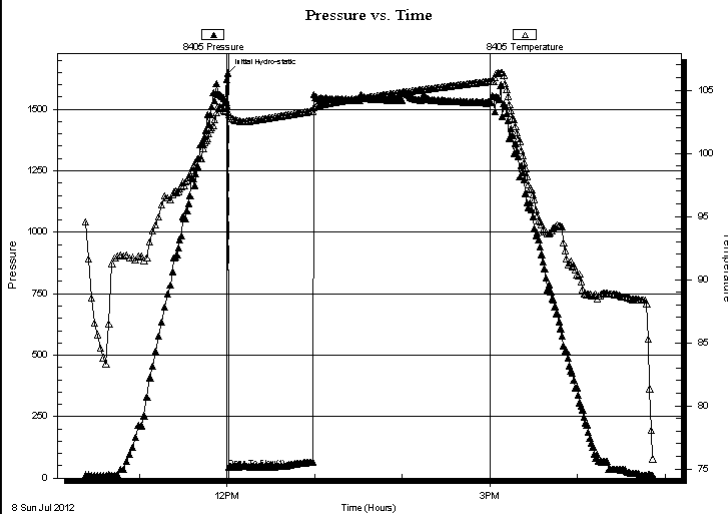
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 Tester: Dustin Ellis
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 Unit No: 3315-Great Bend-22
 Interval: **3225.00 ft (KB) To 3263.00 ft (KB) (TVD)**
 Reference Elevations: 1838.00 ft (KB)
 Total Depth: 3263.00 ft (KB) (TVD)
 1828.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 10.00 ft

Serial #: 8405

Press @ RunDepth: psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.07.08 End Date: 2012.07.08 Last Calib.: 2012.07.08
 Start Time: 10:22:00 End Time: 16:52:00 Time On Btm: 2012.07.08 @ 12:00:30
 Time Off Btm:

TEST COMMENT: 1st Open 30 minutes Weak blow blew 1 inch.
 1st Shut in 60 minutes No blow back
 2nd Open 30 minutes No blow Dead
 2nd Shut in 60 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1646.92	103.68	Initial Hydro-static
1	45.44	103.22	Open To Flow (1)

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Oil cut mud 5% Oil 95% Mud	0.42

Gas Rates

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



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TOOL DIAGRAM

Caerus Kansas LLC
 1390 East 8th Street Suite B
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Benton 1-42
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Tool Information

Drill Pipe:	Length: 3202.00 ft	Diameter: 3.80 inches	Volume: 44.92 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 44.92 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3225.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	66.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3202.00	
Hydraulic Tool	5.00			3207.00	
Jars	6.00			3213.00	
Safety Joint	2.00			3215.00	
Packer	5.00			3220.00	28.00 Bottom Of Top Packer
Packer	5.00			3225.00	
Anchor	33.00			3258.00	
Recorder	1.00	8405	Inside	3259.00	
Recorder	1.00	8400	Outside	3260.00	
Bull Plug	3.00			3263.00	38.00 Bottom Packers & Anchor
Total Tool Length:	66.00				



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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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.20 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 5000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Oil cut mud 5%Oil 95%Mud	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

