



DRILL STEM TEST REPORT

Prepared For: **Barton Exploration Inc.**

3017 East 17th
Hays ,Kansas 67601-2790

ATTN: frank Mize

Dumler #I-2

1-14s-15w Russell

Start Date: 2013.10.07 @ 00:00:00

End Date: 2013.10.07 @ 00:00:00

Job Ticket #: 17089 DST #: 1

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

Printed: 2013.10.07 @ 15:11:52



DRILL STEM TEST REPORT

Barton Exploration Inc.
 3017 East 17th
 Hays ,Kansas 67601-2790
 ATTN: frank Mize

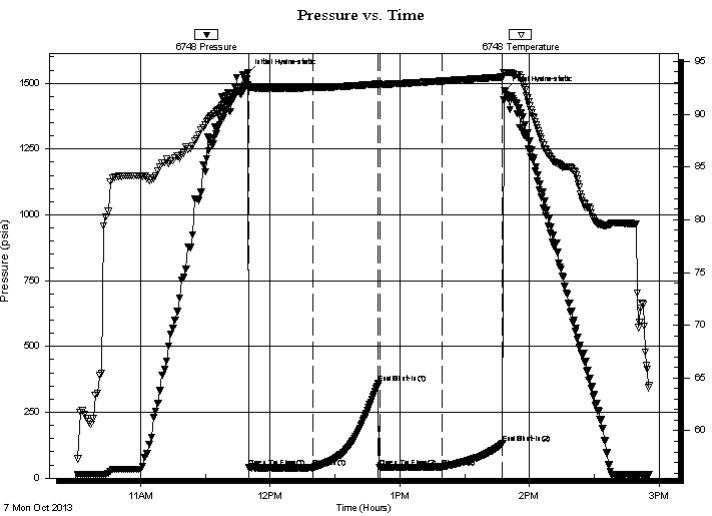
1-14s-15w Russell
Dumler #I-2
 Job Ticket: 17089 **DST#: 1**
 Test Start: 2013.10.07 @ 00:00:00

GENERAL INFORMATION:

Formation: **Oread**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 00:00:00 Tester: Gene Budig
 Time Test Ended: 00:00:00 Unit No: 3335
Interval: 2935.00 ft (KB) To 2954.00 ft (KB) (TVD)
 Reference Elevations: 1877.00 ft (KB)
 Total Depth: 2954.00 ft (KB) (TVD) 1871.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 6.00 ft

Serial #: 6748 Inside
 Press@RunDepth: 131.73 psia @ 2950.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.10.07 End Date: 2013.10.07 Last Calib.: 2013.10.07
 Start Time: 10:30:00 End Time: 14:55:30 Time On Btm: 2013.10.07 @ 11:49:30
 Time Off Btm: 2013.10.07 @ 13:48:30

TEST COMMENT: 1st Opening 30 Minutes Weak surface blow for 10 minutes and decreased to a weak intermittent blow through out
 1st Shut-In 30 Minutes no blow back
 2nd Opening 30 Minutes-Weak surface blow for 5 minutes and decreased to a weak intermittent blow through out
 2nd Shut-In 30 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1538.38	92.75	Initial Hydro-static
1	40.99	92.47	Open To Flow (1)
30	40.47	92.52	Shut-In(1)
61	359.39	92.87	End Shut-In(1)
61	40.88	92.79	Open To Flow (2)
90	42.79	93.14	Shut-In(2)
118	131.73	93.53	End Shut-In(2)
119	1470.65	93.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Oil Cut Mud	0.21
0.00	95%Mud 5%Oil	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Barton Exploration Inc.
 3017 East 17th
 Hays ,Kansas 67601-2790
 ATTN: frank Mize

1-14s-15w Russell
Dumler #I-2
 Job Ticket: 17089 **DST#: 1**
 Test Start: 2013.10.07 @ 00:00:00

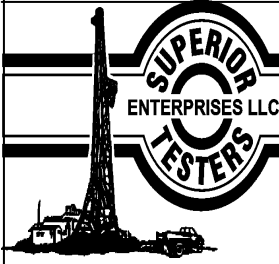
Tool Information

Drill Pipe:	Length: 2919.00 ft	Diameter: 3.80 inches	Volume: 40.95 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: 56000.00 lb
			<u>Total Volume: 40.95 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	2935.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	47.00 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			2912.00	
Hydraulic Tool	5.00			2917.00	
Safety Joint	2.00			2919.00	
Jars	6.00			2925.00	
Packer	5.00			2930.00	28.00 Bottom Of Top Packer
Packer	5.00			2935.00	
Anchor	14.00			2949.00	
Recorder	1.00	6748	Inside	2950.00	
Recorder	1.00	6663	Outside	2951.00	
Bullnose	3.00			2954.00	19.00 Bottom Packers & Anchor
Total Tool Length:	47.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Barton Exploration Inc.

1-14s-15w Russell

3017 East 17th
Hays ,Kansas 67601-2790

Dumler #I-2

Job Ticket: 17089

DST#: 1

ATTN: frank Mize

Test Start: 2013.10.07 @ 00:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 60.00 sec/qt

Water Loss: 8.80 in³

Resistivity: ohm.m

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psia

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Oil Cut Mud	0.210
0.00	95%Mud 5%Oil	0.000

Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6748

Inside

Barton Exploration Inc.

Dunler #-2

DST Test Number: 1

Pressure vs. Time

