



DRILL STEM TEST REPORT

Prepared For: **Jason Oil Company**

3718 183rd Street Russell, Kansas 67665
P.O.Box 701

ATTN: Jeff Lawler

Weber #1

13/15S/12W Russell Co.

Start Date: 2012.03.18 @ 05:24:00

End Date: 2012.03.18 @ 12:04:30

Job Ticket #: 18850 DST #: 1

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

Printed: 2012.03.18 @ 22:17:04



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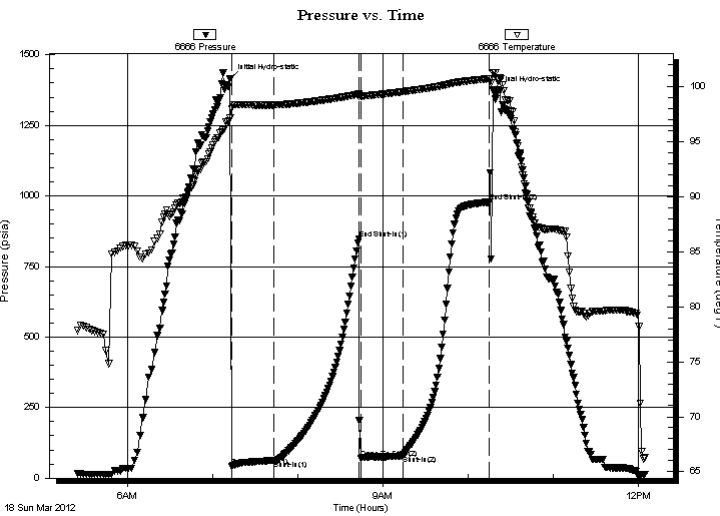
13/15S/12W Russell Co.
Weber #1
 Job Ticket: 18850 **DST#: 1**
 Test Start: 2012.03.18 @ 05:24:00

GENERAL INFORMATION:

Formation: **Toronto**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 07:13:30 Tester: Dylan E Ellis
 Time Test Ended: 12:04:30 Unit No: 3345/Great Bend/70
 Interval: **2918.00 ft (KB) To 2955.00 ft (KB) (TVD)** Reference Elevations: 1868.00 ft (KB)
 Total Depth: 2955.00 ft (KB) (TVD) 1860.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 6666 Outside
 Press @ Run Depth: 81.76 psia @ 2951.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.03.18 End Date: 2012.03.18 Last Calib.: 2012.03.18
 Start Time: 05:24:00 End Time: 12:04:30 Time On Btm: 2012.03.18 @ 07:12:30
 Time Off Btm: 2012.03.18 @ 10:17:30

TEST COMMENT: 1ST Opening 30 Minutes steady building blow / blow blew to bottom of bucket in 15 minutes
 1ST Shut-In 60 Minutes yes surface blow back
 2ND Opening 30 Minutes very strong blow / blow blew to bottom of bucket in 30 seconds
 2ND Shut-In 60 Minutes no blow back



PRESSURE SUMMARY

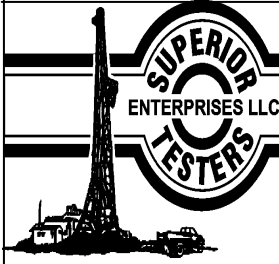
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1416.73	97.16	Initial Hydro-static
1	43.06	97.98	Open To Flow (1)
31	63.16	98.32	Shut-In(1)
91	846.98	99.31	End Shut-In(1)
92	70.32	99.14	Open To Flow (2)
122	81.76	99.53	Shut-In(2)
183	978.03	100.72	End Shut-In(2)
185	1374.95	101.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	Oil cut Mud	0.88
0.00	50%Oil 50%Mud	0.00
63.00	Oil cut Mud	0.88
0.00	35%Oil 65%Mud	0.00
0.00	63' Gas in the pipe	0.00

Gas Rates

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



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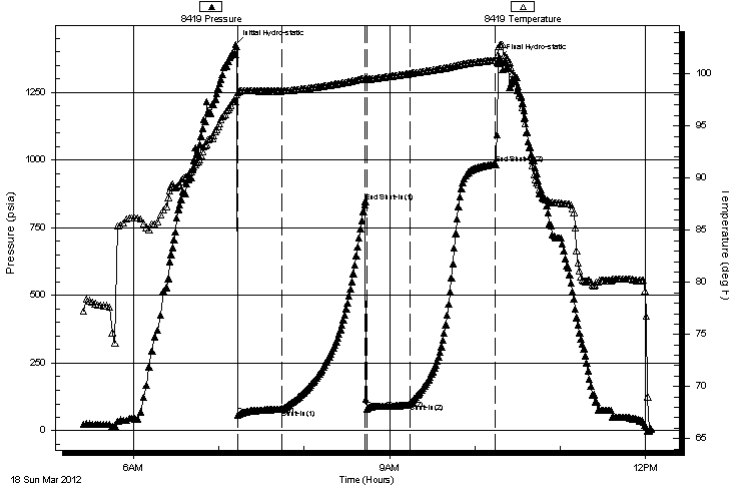
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 Total Depth: 2955.00 ft (KB) (TVD) 1860.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8419 Inside
 Press @ Run Depth: 984.78 psia @ 2952.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.03.18 End Date: 2012.03.18 Last Calib.: 2012.03.18
 Start Time: 05:24:00 End Time: 12:04:00 Time On Btm: 2012.03.18 @ 07:12:00
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 2ND Shut-In 60 Minutes no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1427.65	97.34	Initial Hydro-static
2	58.68	98.21	Open To Flow (1)
33	81.28	98.37	Shut-In(1)
91	846.05	99.59	End Shut-In(1)
92	80.74	99.47	Open To Flow (2)
123	102.06	100.04	Shut-In(2)
183	984.78	101.33	End Shut-In(2)
185	1374.20	102.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	Oil cut Mud	0.88
0.00	50%Oil 50%Mud	0.00
63.00	Oil cut Mud	0.88
0.00	35%Oil 65%Mud	0.00
0.00	63' Gas in the pipe	0.00

Gas Rates

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



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TOOL DIAGRAM

Jason Oil Company
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13/15S/12W Russell Co.
Weber #1
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Tool Information

Drill Pipe:	Length: 2903.00 ft	Diameter: 3.80 inches	Volume: 40.72 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: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 26000.00 lb
			<u>Total Volume: 40.72 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	2918.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	57.00 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			2903.00	
Hydraulic Tool	5.00			2908.00	
Packer	5.00			2913.00	20.00 Bottom Of Top Packer
Packer	5.00			2918.00	
Anchor	32.00			2950.00	
Recorder	1.00	6666	Outside	2951.00	
Recorder	1.00	8419	Inside	2952.00	
Bull Plug	3.00			2955.00	37.00 Bottom Packers & Anchor

Total Tool Length: 57.00



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FLUID SUMMARY

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Mud and Cushion Information

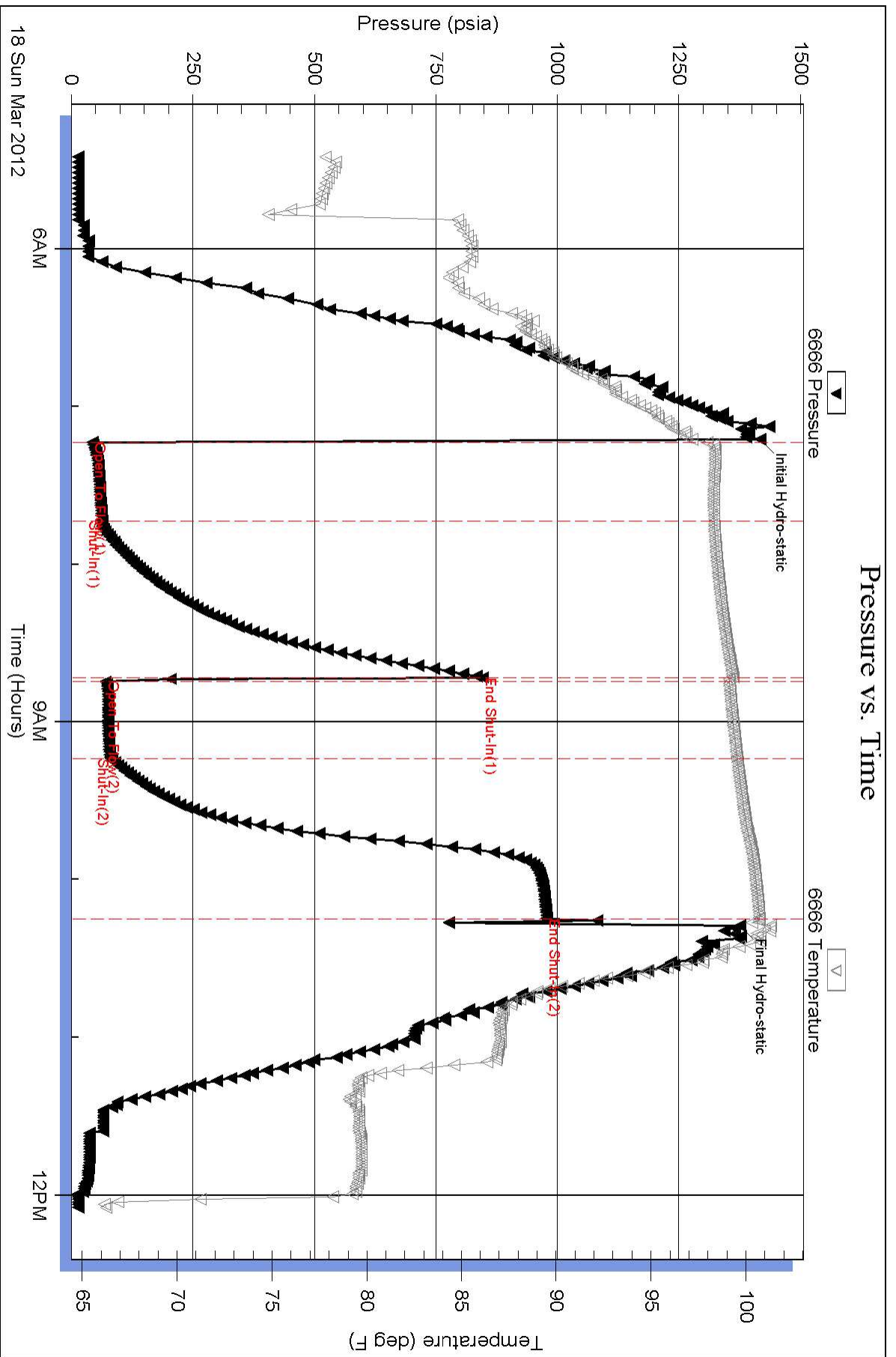
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.40 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	Oil cut Mud	0.884
0.00	50%Oil 50%Mud	0.000
63.00	Oil cut Mud	0.884
0.00	35%Oil 65%Mud	0.000
0.00	63' Gas in the pipe	0.000

Total Length: 126.00 ft Total Volume: 1.768 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



Pressure vs. Time

