



DRILL STEM TEST REPORT

Prepared For: **RJM Company**

P.O. Box 256
Claffin ,Kansas 67525

ATTN: Jim Musgrove

Dewey #1

123

Start Date: 2012.12.18 @ 09:00:00

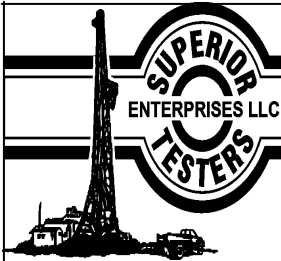
End Date:

Job Ticket #: 17770

DST #: 1

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

Printed: 2012.12.18 @ 19:14:23



DRILL STEM TEST REPORT

RJM Company
 P.O. Box 256
 Claflin ,Kansas 67525
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 Job Ticket: 17770 **DST#: 1**
 Test Start: 2012.12.18 @ 09:00:00

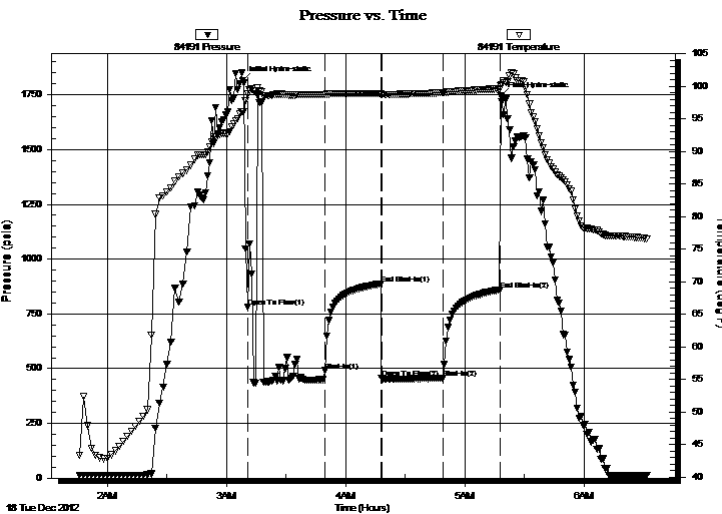
GENERAL INFORMATION:

Formation: **Kansas City**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened:
 Time Test Ended:
 Interval: **3594.00 ft (KB) To 3624.00 ft (KB) (TVD)**
 Total Depth: 3624.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gene Budig
 Unit No: 3335
 Reference Elevations: 1954.00 ft (KB)
 1947.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 84191 Inside

Press @ Run Depth: 860.28 psia @ 3621.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.12.18 End Date: 2012.12.18 Last Calib.: 2012.12.18
 Start Time: 01:45:00 End Time: 11:45:30 Time On Btm: 2012.12.18 @ 03:08:00
 Time Off Btm: 2012.12.18 @ 05:18:00

TEST COMMENT: 1st Opening 30 Minutes Weak blow for 13 minutes and died
 1st Shut-In 30 Minutes No blow back
 2nd Opening 30 Minutes No blow
 2nd Shut-In 30 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1814.83	96.13	Initial Hydro-static
3	780.75	98.82	Open To Flow (1)
42	490.82	98.79	Shut-In(1)
70	887.06	98.93	End Shut-In(1)
70	455.25	98.76	Open To Flow (2)
101	456.46	99.05	Shut-In(2)
130	860.28	99.67	End Shut-In(2)
130	1744.22	100.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
210.00	Mud	2.95
240.00	Slightly Oil Cut Mud	3.37
0.00	5% Oil 95% Mud	0.00
240.00	Gassy Oil Cut Mud	3.37
0.00	35% Gas 5% Oil 60% Mud	0.00
60.00	Slightly Oil and Gas Cut Mud	0.84

Gas Rates

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



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TOOL DIAGRAM

RJM Company

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DST#: 1

ATTN: Jim Musgrove

Test Start: 2012.12.18 @ 09:00:00

Tool Information

Drill Pipe:	Length: 3603.00 ft	Diameter: 3.80 inches	Volume: 50.54 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: 55000.00 lb
			<u>Total Volume: 50.54 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3594.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 ft			
Tool Length:	52.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3574.00	
Shut-In Tool	5.00			3579.00	
Hydroic Tool	5.00			3584.00	
Packer	5.00			3589.00	21.00 Bottom Of Top Packer
Packer	5.00			3594.00	
Perforations	26.00			3620.00	
Recorder	1.00	84191	Inside	3621.00	
Recorder	1.00	6819	Outside	3622.00	
Bullnose	3.00			3625.00	31.00 Bottom Packers & Anchor
Total Tool Length:	52.00				



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FLUID SUMMARY

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Test Start: 2012.12.18 @ 09:00:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 55.00 sec/qt
Water Loss: 9.59 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: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
210.00	Mud	2.946
240.00	Slightly Oil Cut Mud	3.367
0.00	5% Oil 95% Mud	0.000
240.00	Gassy Oil Cut Mud	3.367
0.00	35% Gas 5% Oil 60% Mud	0.000
60.00	Slightly Oil and Gas Cut Mud	0.842
0.00	10% Gas 5% Oil 85% Mud	0.000
60.00	Oil and Gas Cut Muddy Water	0.842
0.00	20% Gas 15% Oil 40% Mud 25% Water	0.000
0.00	Chlorides 16000	0.000

Total Length: 810.00 ft Total Volume: 11.364 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

