



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 @ 01:44:57

End Date:

Job Ticket #: 17771

DST #: 2

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

Printed: 2012.12.18 @ 19:01:22



DRILL STEM TEST REPORT

RJM Company
 P.O. Box 256
 Claflin, Kansas 67525
 ATTN: Jim Musgrove

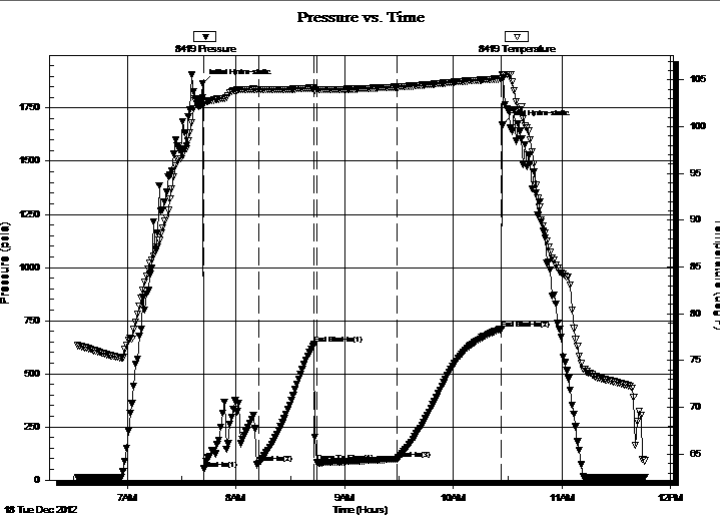
123
Dewey #1
 Job Ticket: 17771 **DST#: 2**
 Test Start: 2012.12.18 @ 01:44:57

GENERAL INFORMATION:

Formation: **Kansas City**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened:
 Tester: Gene Budig
 Time Test Ended:
 Unit No: 3335
 Interval: **3594.00 ft (KB) To 3625.00 ft (KB) (TVD)**
 Reference Elevations: 1954.00 ft (KB)
 Total Depth: 3625.00 ft (KB) (TVD) 1947.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 7.00 ft

Serial #: 8419 Inside
 Press @ Run Depth: 710.62 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 @ 07:41:30
 Time Off Btm: 2012.12.18 @ 10:27:00

TEST COMMENT: 1st Opening 30 Minutes Fair blow built to the bottom of a 5 gallon bucket in 25 minutes
 1st Shut-In 30 Minutes-Very weak blow back
 2nd Opening 45 Minutes-Good blow built to the bottom of a 5 gallon bucket in 1 minute
 2nd Shut-In 60 Minutes-Weak blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1864.67	103.11	Initial Hydro-static
1	52.79	102.58	Shut-In(1)
31	78.31	103.94	Shut-In(2)
62	638.22	104.13	End Shut-In(1)
63	81.82	103.96	Open To Flow (1)
107	98.29	104.22	Shut-In(3)
165	710.62	105.13	End Shut-In(2)
166	1669.81	105.51	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
0.00	850 Gas in the pipe	0.00
50.00	Muddy Gassy Oil	0.70
0.00	18% Gas 30% Oil 12% Water 40% Mud	0.00
60.00	slightly mud cut gassy oil	0.84
0.00	30% Gas 50% Oil 15% water 5% Mud	0.00
60.00	slightly mud cut gassy oil	0.84

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



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TOOL DIAGRAM

RJM Company

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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: 65000.00 lb
			<u>Total Volume: 50.54 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 34000.00 lb
Depth to Top Packer:	3594.00 ft			Final 36000.00 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	8419	Inside	3621.00	
Recorder	1.00	6839	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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Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 55.00 sec/qt
Water Loss: 9.60 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
0.00	850 Gas in the pipe	0.000
50.00	Muddy Gassy Oil	0.701
0.00	18% Gas 30% Oil 12% Water 40% Mud	0.000
60.00	slightly mud cut gassy oil	0.842
0.00	30%Gas 50%Oil 15%w aqter 5% Mud	0.000
60.00	slightly mud cut gassy oil	0.842
0.00	38%Gas 40% Oil 12% Water 10%Mud	0.000

Total Length: 170.00 ft Total Volume: 2.385 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

