



DRILL STEM TEST REPORT

Prepared For: **RJM Company**

P.O. Box 256
Claflin ,Kansas 67525

ATTN: Jim Musgrove

Dewey #1

123

Start Date: 2012.12.19 @ 04:00:00

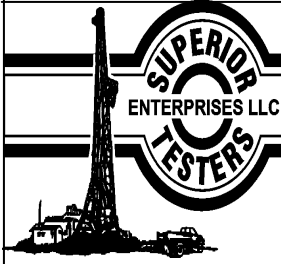
End Date: 2012.12.19 @ 00:00:00

Job Ticket #: 17772 DST #: 3

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

Printed: 2012.12.19 @ 08:49:41

RJM Company
123
Dewey #1
DST # 3
Kansas City
2012.12.19



DRILL STEM TEST REPORT

RJM Company

123

P.O. Box 256
Clafin ,Kansas 67525

Dewey #1

Job Ticket: 17772

DST#: 3

ATTN: Jim Musgrove

Test Start: 2012.12.19 @ 04:00:00

GENERAL INFORMATION:

Formation: **Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3335-39

Interval: **3630.00 ft (KB) To 3680.00 ft (KB) (TVD)**

Reference Elevations: 1954.00 ft (KB)

Total Depth: 3680.00 ft (KB) (TVD)

1947.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: **6839** Inside

Press @ RunDepth: 483.95 psia @ 3675.78 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.12.19

End Date: 2012.12.19

Last Calib.: 2012.12.19

Start Time: 04:00:00

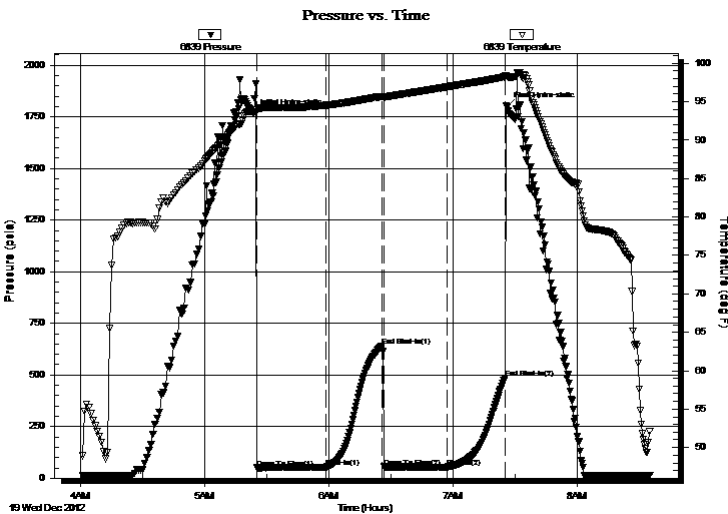
End Time: 08:35:00

Time On Btm: 2012.12.19 @ 05:23:30

Time Off Btm: 2012.12.19 @ 07:26:00

TEST COMMENT: 1st Opening 30 Minutes-Weak steaky surface blow through out
1st Shut-In 30 Minutes-No blow back
2nd Opening 30 Minutes No Blow
2nd Shut-In 30 Minutes-No blow back

PRESSURE SUMMARY



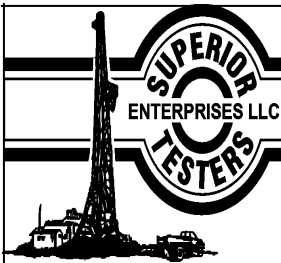
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1767.03	93.71	Initial Hydro-static
2	49.92	93.90	Open To Flow (1)
35	53.73	94.55	Shut-In(1)
62	639.13	95.69	End Shut-In(1)
63	54.31	95.61	Open To Flow (2)
94	53.72	96.92	Shut-In(2)
122	483.95	98.23	End Shut-In(2)
123	1797.45	98.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Drilling Mud	0.21

Gas Rates

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



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 ATTN: Jim Musgrove

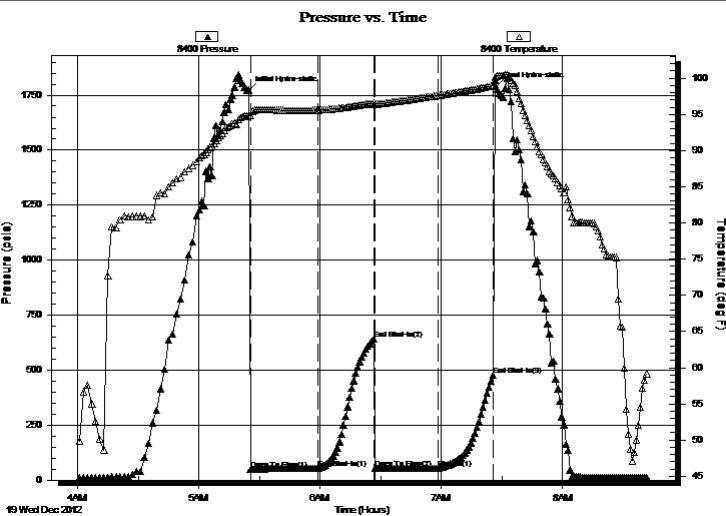
123
Dewey #1
 Job Ticket: 17772 **DST#: 3**
 Test Start: 2012.12.19 @ 04:00:00

GENERAL INFORMATION:

Formation: **Kansas City**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:00:00
 Time Test Ended: 00:00:00
 Interval: **3630.00 ft (KB) To 3680.00 ft (KB) (TVD)**
 Total Depth: 3680.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gene Budig
 Unit No: 3335-39
 Reference Elevations: 1954.00 ft (KB)
 1947.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8400 Outside
 Press @ RunDepth: 476.93 psia @ 3676.78 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.12.19 End Date: 2012.12.19 Last Calib.: 2012.12.19
 Start Time: 04:00:00 End Time: 08:41:30 Time On Btm: 2012.12.19 @ 05:24:30
 Time Off Btm: 2012.12.19 @ 07:27:00

TEST COMMENT: 1st Opening 30 Minutes-Weak steaky surface blow through out
 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	1772.64	94.78	Initial Hydro-static
1	50.39	94.84	Open To Flow (1)
35	53.52	95.61	End Shut-In(1)
62	641.18	96.57	End Shut-In(2)
63	54.91	96.31	Open To Flow (2)
94	55.56	97.63	Shut-In(1)
121	476.93	98.96	End Shut-In(3)
123	1790.38	100.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Drilling Mud	0.21

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

RJM Company

123

P.O. Box 256
Clafin ,Kansas 67525

Dewey #1

Job Ticket: 17772

DST#: 3

ATTN: Jim Musgrove

Test Start: 2012.12.19 @ 04:00:00

Tool Information

Drill Pipe:	Length: 3632.00 ft	Diameter: 3.80 inches	Volume: 50.95 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: 45000.00 lb
			<u>Total Volume: 50.95 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	3630.00 ft			Final 35000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	49.78 ft			
Tool Length:	70.78 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3610.00	
Shut-In Tool	5.00			3615.00	
Hydroic Tool	5.00			3620.00	
Packer	5.00			3625.00	21.00 Bottom Of Top Packer
Packer	5.00			3630.00	
Perforations	5.00			3635.00	
Change Over Sub	0.75			3635.75	
Drill Pipe	31.28			3667.03	
Change Over Sub	0.75			3667.78	
Perforations	7.00			3674.78	
Recorder	1.00	6839	Inside	3675.78	
Recorder	1.00	8400	Outside	3676.78	
Bullnose	3.00			3679.78	49.78 Bottom Packers & Anchor

Total Tool Length: 70.78



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FLUID SUMMARY

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Job Ticket: 17772

DST#: 3

ATTN: Jim Musgrove

Test Start: 2012.12.19 @ 04:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.60 in³

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
15.00	Drilling Mud	0.210

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:

Pressure vs. Time

