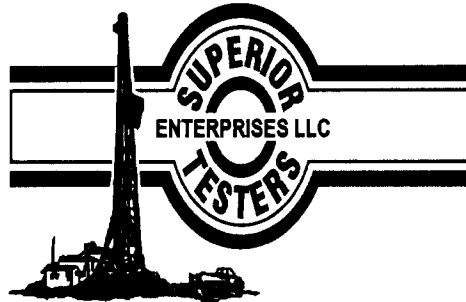


15-009-25608

34-18s-11w

IND



DRILL STEM TEST REPORT

Prepared For: **RJM Oil Company**

P O Box 256 Clafin
Kansas 676526

ATTN: Kurt Talbott

34/18S/11W Barton

Glenn #1

Start Date: 2011.09.12 @ 11:10:00

End Date: 2011.09.12 @ 16:59:30

Job Ticket #: 18752 DST #: 1

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

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OCT 25 2011
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Printed: 2011.09.19 @ 07:49:05

RJM Oil Company Glenn #1 34/18S/11W Barton DST # 1 Lansing "A-G" Zone 2011.09.12



DRILL STEM TEST REPORT

RJM Oil Company

Glenn #1

P O Box 256 Claflin
Kansas 676526

34/18S/11W Barton

Job Ticket: 18752

DST#:1

ATTN: Kurt Talbott

Test Start: 2011.09.12 @ 11:10:00

GENERAL INFORMATION:

Formation: **Lansing "A-G" Zone**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:30:30

Time Test Ended: 16:59:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dylan E Ellis

Unit No: 3345/Great Bend/40

Interval: 3051.00 ft (KB) To 3168.00 ft (KB) (TVD)

Total Depth: 3168.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1791.00 ft (KB)

1786.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6666

Outside

Press@RunDepth: 214.01 psia @ 3159.20 ft (KB)

Start Date: 2011.09.12

End Date:

2011.09.12

Capacity: 5000.00 psia

Last Calib.: 2011.09.12

Start Time: 11:11:00

End Time:

16:59:30

Time On Btm: 2011.09.12 @ 12:28:30

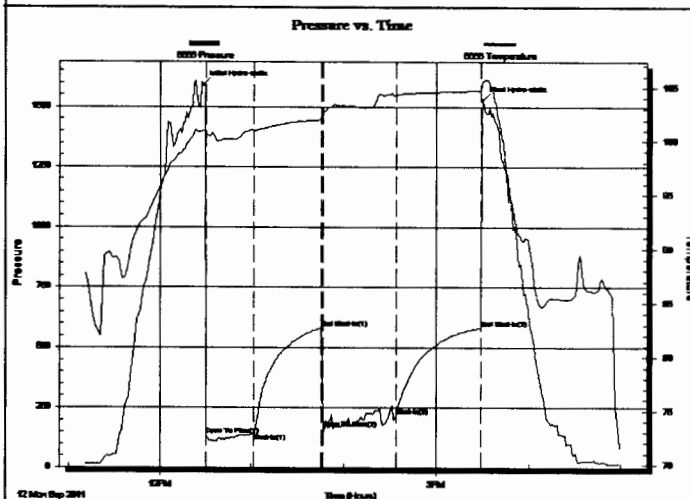
Time Off Btm: 2011.09.12 @ 15:30:00

TEST COMMENT: 1ST Opening 30 Minutes strong blow /blow blew bottom of bucket in 2 minutes/gas to surface in 15 minutes

1ST Shut-In 45 Minutes yes blow back

2ND Opening 45 Minutes strong blow /blow blew to bottomn of bucket instantly/gauged gas

2ND Shut-In 60 Minutes yes blow back



PRESSURE SUMMARY

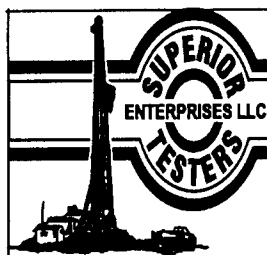
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1591.09	100.99	Initial Hydro-static
2	135.25	100.60	Open To Flow (1)
33	142.45	101.00	Shut-In(1)
77	581.76	102.02	End Shut-In(1)
78	161.90	102.64	Open To Flow (2)
126	214.01	104.30	Shut-In(2)
180	581.28	104.72	End Shut-In(2)
182	1527.56	105.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
252.00	Gassy Mud	3.53
0.00	20% Gas 80% Mud	0.00
63.00	Slightly Oil cut Gassy Mud	0.88
0.00	5% Oil 25% Gas 70% Mud	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	0.25	4.00	6.35
Last Gas Rate	0.25	4.00	6.35
Max. Gas Rate	0.25	4.00	6.35



DRILL STEM TEST REPORT

RJM Oil Company

Glenn #1

P O Box 256 Clafin
Kansas 676526

34/18S/11W Barton

Job Ticket: 18752

DST#: 1

ATTN: Kurt Talbott

Test Start: 2011.09.12 @ 11:10:00

GENERAL INFORMATION:

Formation: **Lansing "A-G" Zone**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:30:30

Time Test Ended: 16:59:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dylan E Ellis

Unit No: 3345/Great Bend/40

Interval: **3051.00 ft (KB) To 3168.00 ft (KB) (TVD)**

Reference Elevations: 1791.00 ft (KB)

Total Depth: 3168.00 ft (KB) (TVD)

1786.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6731

Inside

Press@RunDepth: 580.28 psia @ 3158.20 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.09.12

End Date:

2011.09.12

Last Calib.:

2011.09.12

Start Time: 11:11:00

End Time:

16:44:30

Time On Btm:

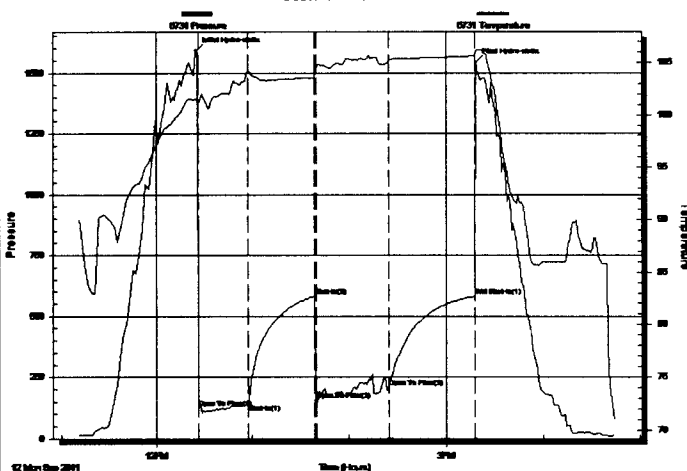
2011.09.12 @ 12:25:00

Time Off Btm:

2011.09.12 @ 15:18:30

TEST COMMENT: 1ST Opening 30 Minutes strong blow/blow blew bottom of bucket in 2 minutes/gas to surface in 15 minutes
1ST Shut-In 45 Minutes yes blow back
2ND Opening 45 Minutes strong blow/blow blew to bottom of bucket instantly/gauged gas
2ND Shut-In 60 Minutes yes blow back

Pressure vs. Time



PRESSURE SUMMARY

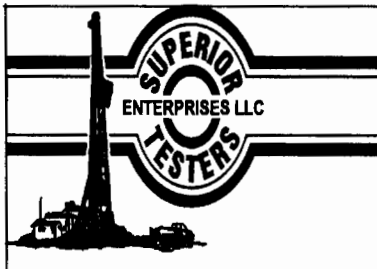
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1588.83	101.38	Initial Hydro-static
2	125.22	101.07	Open To Flow (1)
33	142.61	104.14	Shut-In (1)
74	580.55	103.53	Shut-In (2)
75	156.62	104.48	Open To Flow (2)
120	207.62	105.16	Open To Flow (3)
173	580.28	105.61	End Shut-In (1)
174	1539.61	106.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
252.00	Gassy Mud	3.53
0.00	20% Gas 80% Mud	0.00
63.00	Slightly Oil cut Gassy Mud	0.88
0.00	5% Oil 25% Gas 70% Mud	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	0.25	4.00	6.35
Last Gas Rate	0.25	4.00	6.35
Max. Gas Rate	0.25	4.00	6.35



DRILL STEM TEST REPORT

TOOL DIAGRAM

RJM Oil Company

Glenn #1

P O Box 256 Claflin
Kansas 676526

34/18S/11W Barton

Job Ticket: 18752

DST#: 1

ATTN: Kurt Talbott

Test Start: 2011.09.12 @ 11:10:00

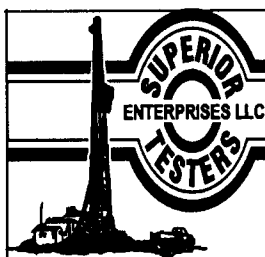
Tool Information

Drill Pipe:	Length: 3040.00 ft	Diameter: 3.80 inches	Volume: 42.64 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: 20000.00 lb
		Total Volume: 42.64 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 39000.00 lb
Depth to Top Packer:	3051.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	111.20 ft			
Tool Length:	132.20 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3031.00	
Shut-In Tool	5.00			3036.00	
Hydroic Tool	5.00			3041.00	
Packer	5.00			3046.00	21.00 Bottom Of Top Packer
Packer	5.00			3051.00	
Perforations	5.00			3056.00	
Change Over Sub	0.75			3056.75	
Drill Pipe	93.70			3150.45	
Change Over Sub	0.75			3151.20	
Perforations	6.00			3157.20	
Recorder	1.00	6731	Inside	3158.20	
Recorder	1.00	6666	Outside	3159.20	
Bullnose	3.00			3162.20	111.20 Bottom Packers & Anchor

Total Tool Length: 132.20



DRILL STEM TEST REPORT

FLUID SUMMARY

RJM Oil Company

Glenn #1

P O Box 256 Claflin
Kansas 676526

34/18S/11W Barton

Job Ticket: 18752

DST#: 1

ATTN: Kurt Talbott

Test Start: 2011.09.12 @ 11:10:00

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: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
252.00	Gassy Mud	3.535
0.00	20% Gas 80% Mud	0.000
63.00	Slightly Oil cut Gassy Mud	0.884
0.00	5% Oil 25% Gas 70% Mud	0.000

Total Length: 315.00 ft

Total Volume: 4.419 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

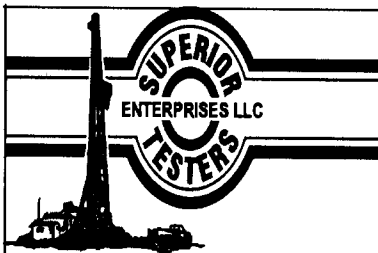
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

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OCT 25 2011
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DRILL STEM TEST REPORT

GAS RATES

RJM Oil Company

Glenn #1

P O Box 256 Claflin
Kansas 676526

34/18S/11W Barton

Job Ticket: 18752

DST#: 1

ATTN: Kurt Talbott

Test Start: 2011.09.12 @ 11:10:00

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

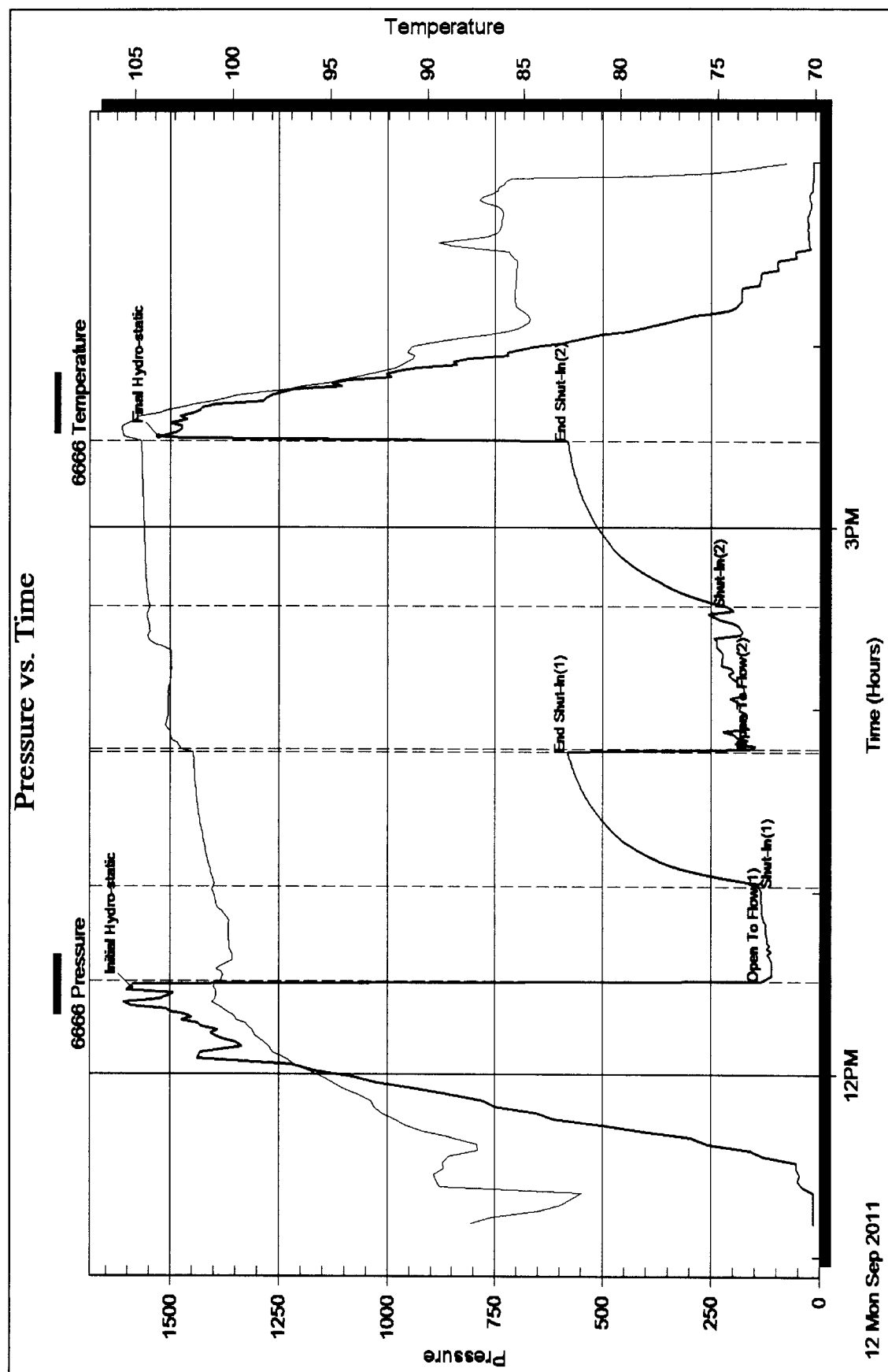
Flow Period	Elapsed Time	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
2	10	0.25	4.00	6.35
2	20	0.25	4.00	6.35
2	30	0.25	4.00	6.35
2	40	0.25	4.00	6.35
2	45	0.25	4.00	6.35

DST Test Number: 1

34/18S/11W Barton

Outside RJM Oil Company

Serial #: 6666



Printed: 2011.09.19 @ 07:49:06

Ref. No: 18752

Superior Testers Enterprises LLC

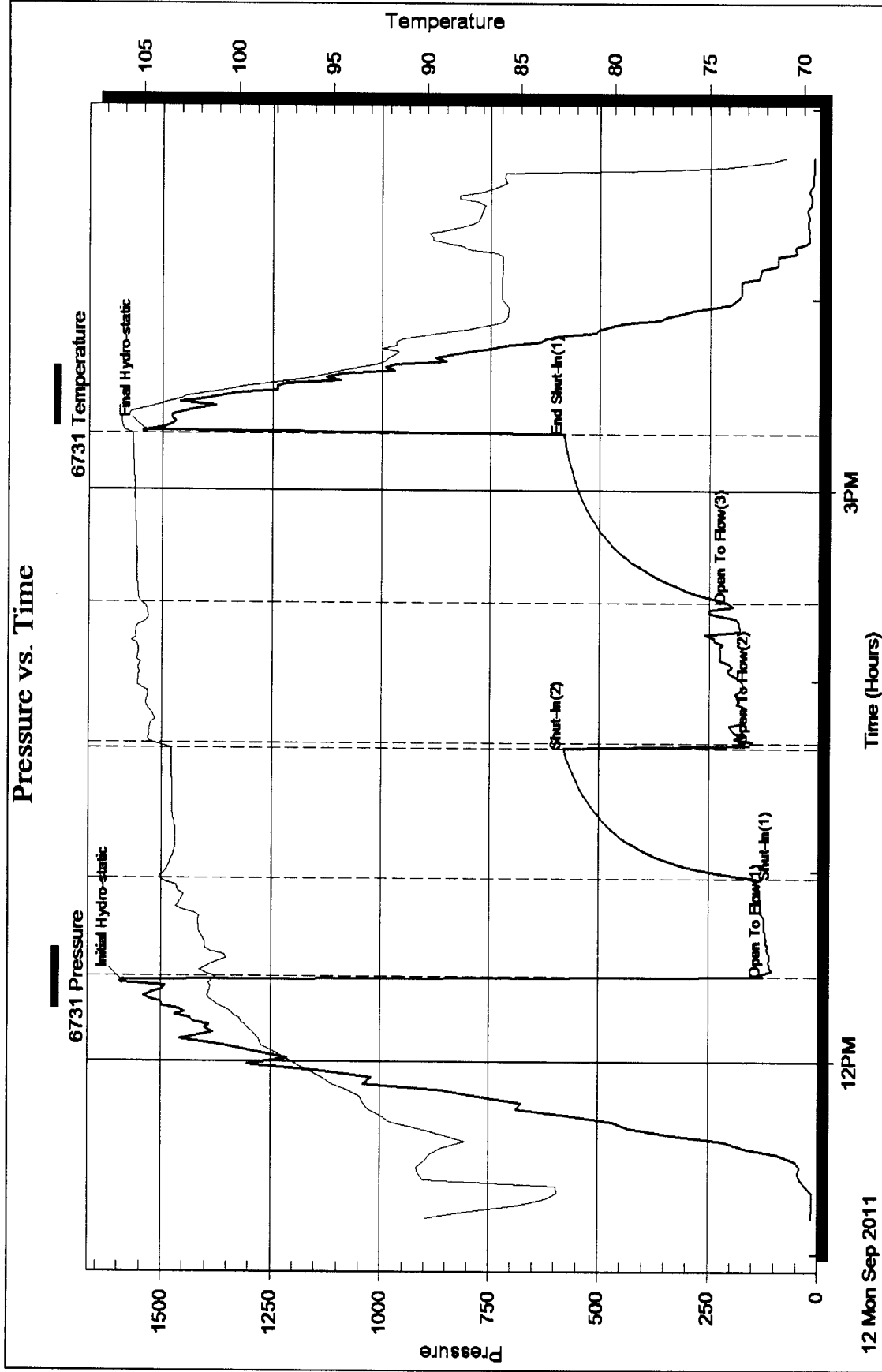
Serial #: 6731

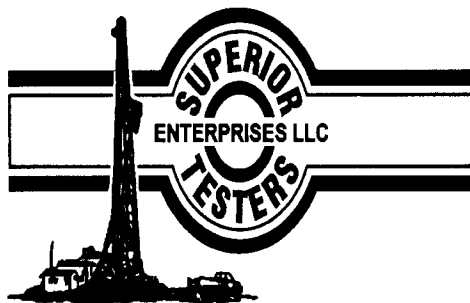
Inside

RJM Oil Company

34/18S/11W Barton

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **RJM Oil Company**

P O Box 256 Clafin
Kansas 676526

ATTN: Kurt Talbott

34/18S/11W Barton

Glenn #1

Start Date: 2011.09.13 @ 02:45:00

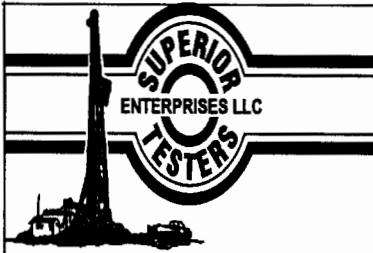
End Date: 2011.09.13 @ 07:51:00

Job Ticket #: 18753 DST #: 2

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

Printed: 2011.09.19 @ 07:49:20

RJM Oil Company Glenn #1 34/18S/11W Barton DST # 2 Lansing "H,J" Zon 2011.09.13



DRILL STEM TEST REPORT

RJM Oil Company

Glenn #1

P O Box 256 Claflin
Kansas 676526

34/18S/11W Barton

Job Ticket: 18753

DST#: 2

ATTN: Kurt Talbott

Test Start: 2011.09.13 @ 02:45:00

GENERAL INFORMATION:

Formation: Lansing "H,I,J" Zon

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:04:30

Time Test Ended: 07:51:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dylan E Ellis

Unit No: 3345/Great Bend/40

Interval: 3200.00 ft (KB) To 3295.00 ft (KB) (TVD)

Reference Elevations: 1791.00 ft (KB)

Total Depth: 3295.00 ft (KB) (TVD)

1786.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6666

Outside

Press@RunDepth: 122.49 psia @ 3291.07 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.09.13

End Date:

2011.09.13

Last Calib.:

2011.09.13

Start Time:

02:46:00

End Time:

07:51:00

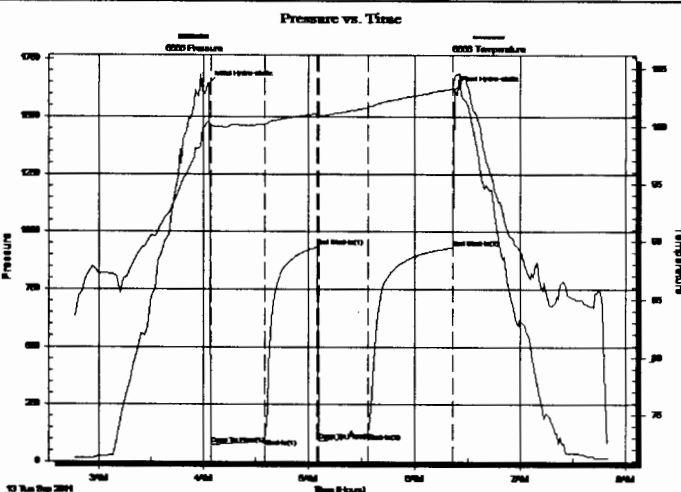
Time On Btm:

2011.09.13 @ 04:03:00

Time Off Btm:

2011.09.13 @ 06:22:30

TEST COMMENT: 1ST Opening 30 Minutes weak but building blow/blow built to 3 inches into bucket of water
1ST Shut-In 30 Minutes no blow back
2ND Opening 30 Minutes very very weak blow/blow built to 1.50 inches into bucket of water
2ND Shut-In 45 Minutes no blow back



PRESSURE SUMMARY

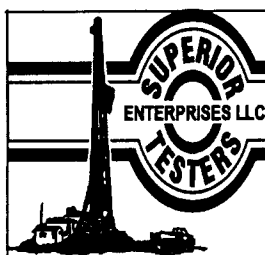
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1637.36	100.39	Initial Hydro-static
2	72.44	100.08	Open To Flow (1)
32	99.56	100.19	Shut-In(1)
62	930.79	101.10	End Shut-In(1)
63	90.17	100.90	Open To Flow (2)
91	122.49	101.61	Shut-In(2)
139	929.24	103.25	End Shut-In(2)
140	1616.23	104.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	Mud 100%/ with a very light skim of oil	1.05

Gas Rates

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



DRILL STEM TEST REPORT

RJM Oil Company

Glenn #1

P O Box 256 Clafin
Kansas 676526

34/18S/11W Barton

ATTN: Kurt Talbott

Job Ticket: 18753

DST#: 2

Test Start: 2011.09.13 @ 02:45:00

GENERAL INFORMATION:

Formation: **Lansing "H,I,J" Zon**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:04:30

Time Test Ended: 07:51:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dylan E Ellis

Unit No: 3345/Great Bend/40

Interval: 3200.00 ft (KB) To 3295.00 ft (KB) (TVD)

Reference Elevations: 1791.00 ft (KB)

Total Depth: 3295.00 ft (KB) (TVD)

1786.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6731

Inside

Press@RunDepth: 928.22 psia @ 3290.07 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.09.13

End Date:

2011.09.13

Last Calib.: 2011.09.13

Start Time: 02:46:00

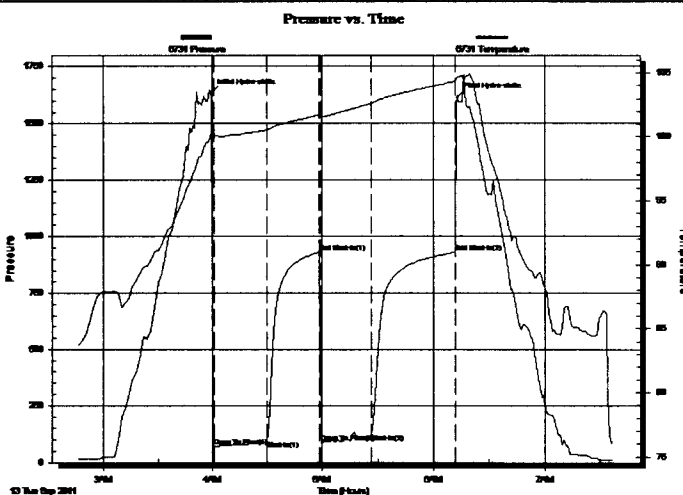
End Time:

07:38:00

Time On Btm: 2011.09.13 @ 03:59:30

Time Off Btm: 2011.09.13 @ 06:13:00

TEST COMMENT: 1ST Opening 30 Minutes weak but building blow/blow built to 3 inches into bucket of water
1ST Shut-In 30 Minutes no blow back
2ND Opening 30 Minutes very very weak blow/blow built to 1.50 inches into bucket of water
2ND Shut-In 45 Minutes no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1634.44	100.31	Initial Hydro-static
2	71.51	100.08	Open To Flow (1)
31	96.94	100.56	Shut-In(1)
59	929.13	101.73	End Shut-In(1)
60	89.38	101.57	Open To Flow (2)
87	126.05	102.59	Shut-In(2)
133	928.22	104.31	End Shut-In(2)
134	1614.93	104.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	Mud 100% with a very light skim of oil	1.05

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

RJM Oil Company

Glenn #1

P O Box 256 Claflin
Kansas 676526

34/18S/11W Barton

Job Ticket: 18753

DST#: 2

ATTN: Kurt Talbott

Test Start: 2011.09.13 @ 02:45:00

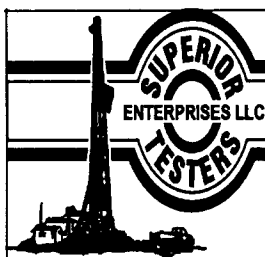
Tool Information

Drill Pipe:	Length: 3203.00 ft	Diameter: 3.80 inches	Volume: 44.93 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: 24000.00 lb
			Total Volume: 44.93 bbl	Tool Chased 3.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 39000.00 lb
Depth to Top Packer:	3200.00 ft			Final 39000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	94.07 ft			
Tool Length:	115.07 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			3180.00	
Shut-In Tool	5.00			3185.00	
Hydroic Tool	5.00			3190.00	
Packer	5.00			3195.00	21.00 Bottom Of Top Packer
Packer	5.00			3200.00	
Perforations	5.00			3205.00	
Change Over Sub	0.75			3205.75	
Drill Pipe	62.57			3268.32	
Change Over Sub	0.75			3269.07	
Perforations	20.00			3289.07	
Recorder	1.00	6731	Inside	3290.07	
Recorder	1.00	6666	Outside	3291.07	
Bullnose	3.00			3294.07	94.07 Bottom Packers & Anchor

Total Tool Length: 115.07



DRILL STEM TEST REPORT

FLUID SUMMARY

RJM Oil Company

Glenn #1

P O Box 256 Clafin
Kansas 676526

34/18S/11W Barton

Job Ticket: 18753

DST#: 2

ATTN: Kurt Talbott

Test Start: 2011.09.13 @ 02:45:00

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: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 10000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	Mud 100% / with a very light skim of oil	1.052

Total Length: 75.00 ft

Total Volume: 1.052 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

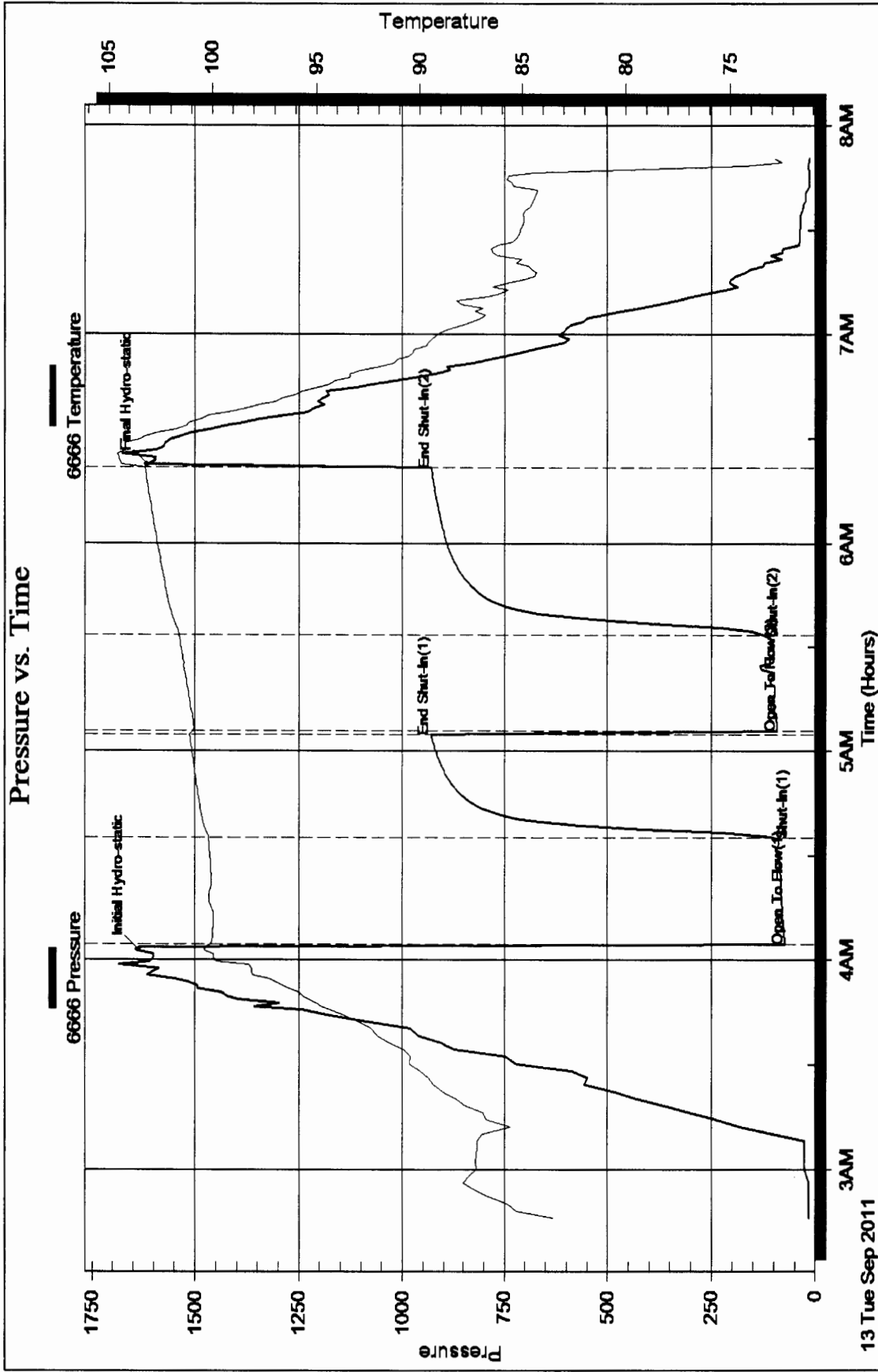
Serial #: 6666

Outside RJM Oil Company

34/18S/11W Barton

DST Test Number: 2

Pressure vs. Time



Pressure vs. Time

