

DRILL STEM TEST REPORT

H&B Petroleum
 Po Box Petroleum Blinnwood
 Kansas 67526
 ATTN: Josh Austin

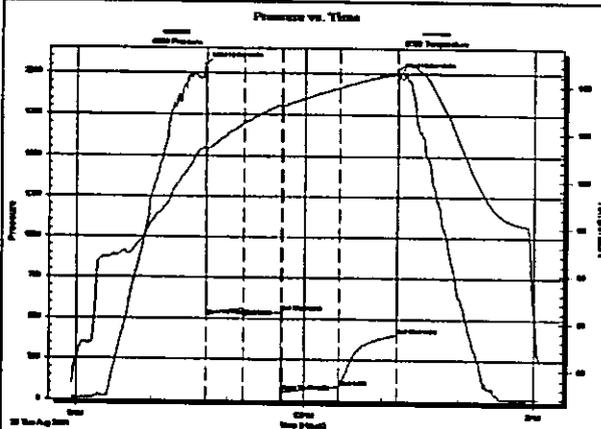
Hagelgantz 34-1
 34-17s-21w Ness
 Job Ticket: 16571 DST#: 1
 Test Start: 2011.08.23 @ 08:55:00

GENERAL INFORMATION:

Formation: Fort Scott
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:43:30
 Time Test Ended: 15:05:00
 Interval: 4085.00 ft (KB) To 4113.00 ft (KB) (TVD)
 Total Depth: 4113.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-GB-135
 Reference Elevations: 2153.00 ft (KB)
 2144.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 6663 Outside
 Press@RunDepth: 85.62 psia @ 4110.00 ft (KB)
 Start Date: 2011.08.23 End Date: 2011.08.23
 Start Time: 08:56:00 End Time: 15:05:00
 Capacity: 5000.00 psia
 Last Calib.: 2011.08.23
 Time On Btm: 2011.08.23 @ 10:42:30
 Time Off Btm: 2011.08.23 @ 13:13:00

TEST COMMENT: 1st open 30 minutes Weak blow then died off
 1st shut in 30 minutes No blow back
 2nd open 45 minutes Strong blow to bottom of bucket in 5 minutes
 2nd shut in 45 minutes Yes blow back



PRESSURE SUMMARY

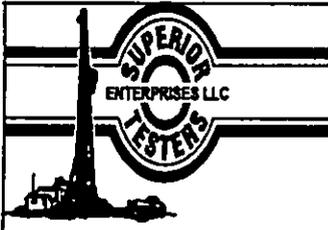
Time (Mn.)	Pressure (psia)	Temp (deg F)	Annotation
0	2053.00	103.56	Initial Hydro-static
1	519.34	103.26	Open To Flow (1)
30	561.50	106.06	Shut-in(1)
60	540.13	108.05	End Shut-in(1)
61	54.36	107.92	Open To Flow (2)
105	85.62	109.82	Shut-in(2)
150	405.06	111.32	End Shut-in(2)
151	1995.98	111.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	muddy cut oil 40% oil 60% mud	0.84
30.00	oily gasy mud 5% mud 60% oil 35% gas	0.42
0.00	3086 foot gas in pipe	0.00

Gas Rates

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



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H&B Petroleum
 Po Box Petroleum Ellinwood
 Kansas 67526
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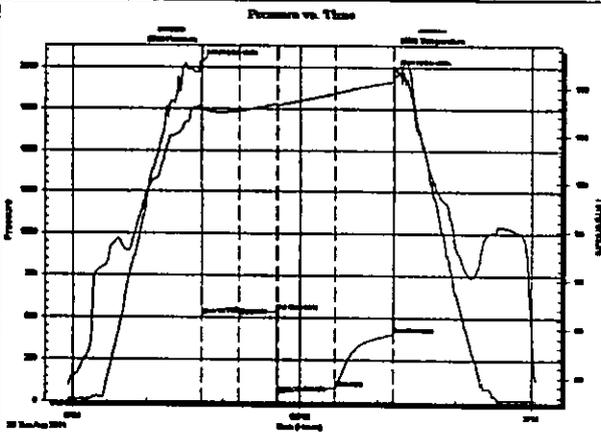
Hageigantz 34-1
 34-17a-21w Ness
 Job Ticket: 16571 DST#: 1
 Test Start: 2011.08.23 @ 08:55:00

GENERAL INFORMATION:

Formation: Fort Scott
 Deviated: No Whipstock ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 10:43:30 Tester: Dustin Ellis
 Time Test Ended: 15:05:00 Unit No: 3315-GB-135
 Interval: 4085.00 ft (KB) To 4113.00 ft (KB) (TVD) Reference Elevations: 2153.00 ft (KB)
 Total Depth: 4113.00 ft (KB) (TVD) 2144.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 9.00 ft

Serial #: 6806 Inside
 Press@RunDepth: 404.80 psia @ 4109.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.08.23 End Date: 2011.08.23 Last Calib.: 2011.08.23
 Start Time: 08:56:00 End Time: 15:05:00 Time On Btm: 2011.08.23 @ 10:42:30
 Time Off Btm: 2011.08.23 @ 13:12:30

TEST COMMENT: 1st open 30 minutes Weak blow then died off
 1st shut in 30 minutes No blow back
 2nd open 45 minutes Strong blow blew to bottom of bucket in 5 minutes
 2nd shut in 45 minutes Yes blow back



PRESSURE SUMMARY

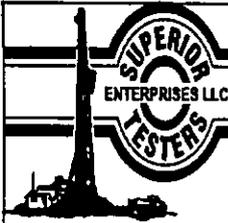
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2033.41	108.23	Initial Hydro-static
1	519.18	107.79	Open To Flow (1)
30	561.72	107.61	Shut-in(1)
60	540.24	108.33	End Shut-in(1)
61	53.82	108.23	Open To Flow (2)
105	85.98	109.42	Shut-in(2)
150	404.80	110.89	End Shut-in(2)
150	1977.47	111.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	muddy cut oil 40% oil 60% mud	0.84
30.00	oily gasy mud 5% mud 60% oil 35% gas	0.42
0.00	3086 foot gas in pipe	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

H&B Petroleum

Hagelgantz 34-1

Po Box Petroleum Ellinwood
Kansas 67526

34-17e-21w Ness

Job Ticket: 16571

DST#: 1

ATTN: Josh Austin

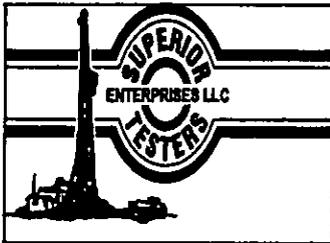
Test Start: 2011.08.23 @ 08:55:00

Tool Information

Drill Pipe:	Length: 4076.00 ft	Diameter: 3.80 inches	Volume: 57.18 bbl	Tool Weight:	2000.00 b
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 b
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	45000.00 b
			<u>Total Volume: 57.18 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial	44000.00 b
Depth to Top Packer:	4085.00 ft			Final	45000.00 b
Depth to Bottom Packer:	ft				
Interval between Packers:	28.00 ft				
Tool Length:	48.00 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			4070.00	
Hydraulic Tool	5.00			4075.00	
Packer	5.00			4080.00	20.00 Bottom Of Top Packer
Packer	5.00			4085.00	
Perforations	23.00			4108.00	
Recorder	1.00	6806	Inside	4109.00	
Recorder	1.00	6663	Outside	4110.00	
Bull Plug	3.00			4113.00	28.00 Bottom Packers & Anchor
Total Tool Length:	48.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

H&B Petroleum

Hageigantz 34-1

Po Box Petroleum Ellinwood
Kansas 67526

34-17s-21w Ness

Job Ticket: 16571 DST#: 1

ATTN: Josh Austin

Test Start: 2011.08.23 @ 08:55:00

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: 71.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 6500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	muddy cut oil 40%oil 60% mud	0.842
30.00	oily gasy mud 5%mud60%oil 35% gas	0.421
0.00	3086 foot gas in pipe	0.000

Total Length: 90.00 ft Total Volume: 1.263 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

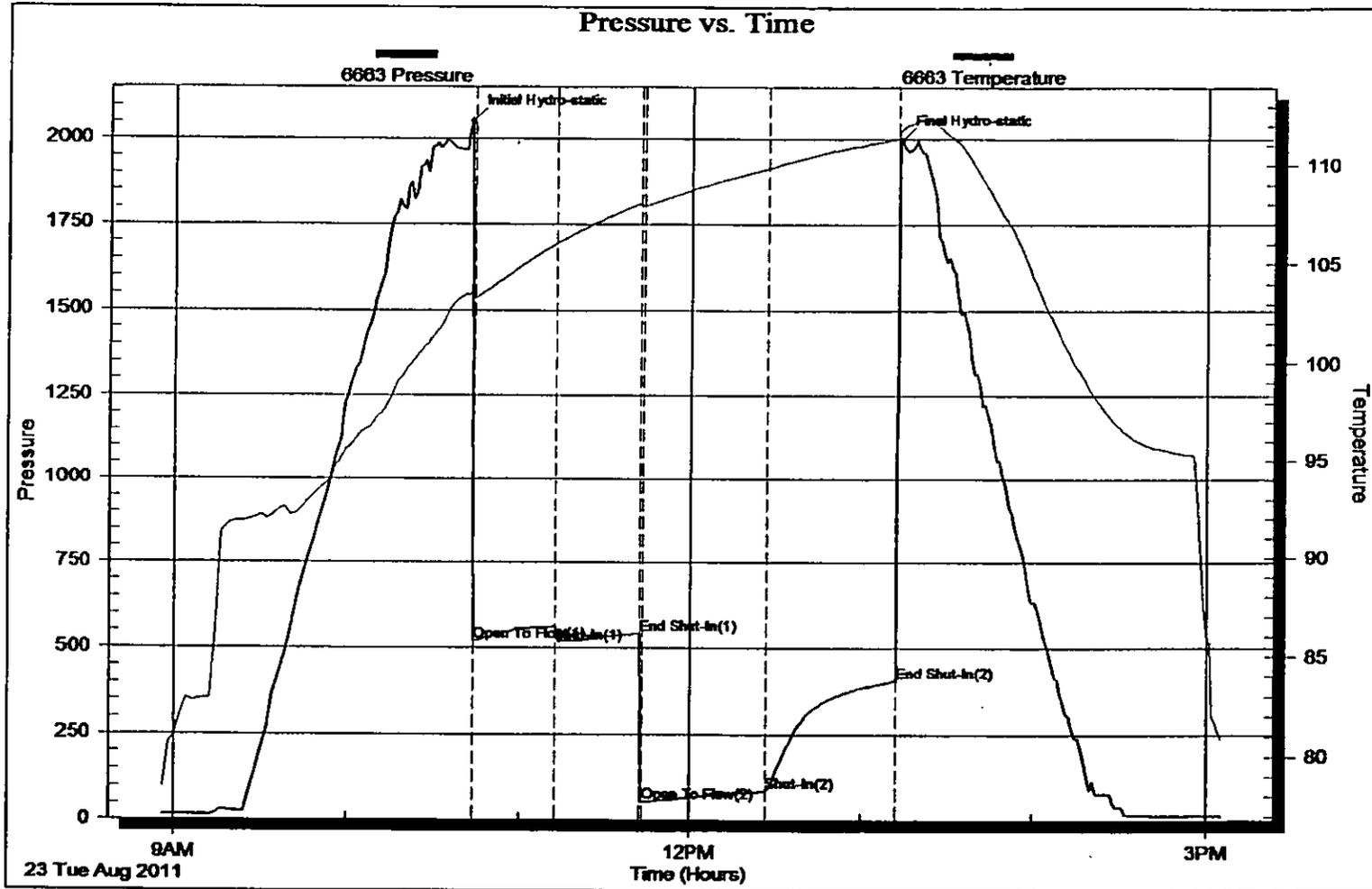
Recovery Comments:

Serial #: 6663

Outside H&B Petroleum

34-17s-21w Ness

DST Test Number: 1

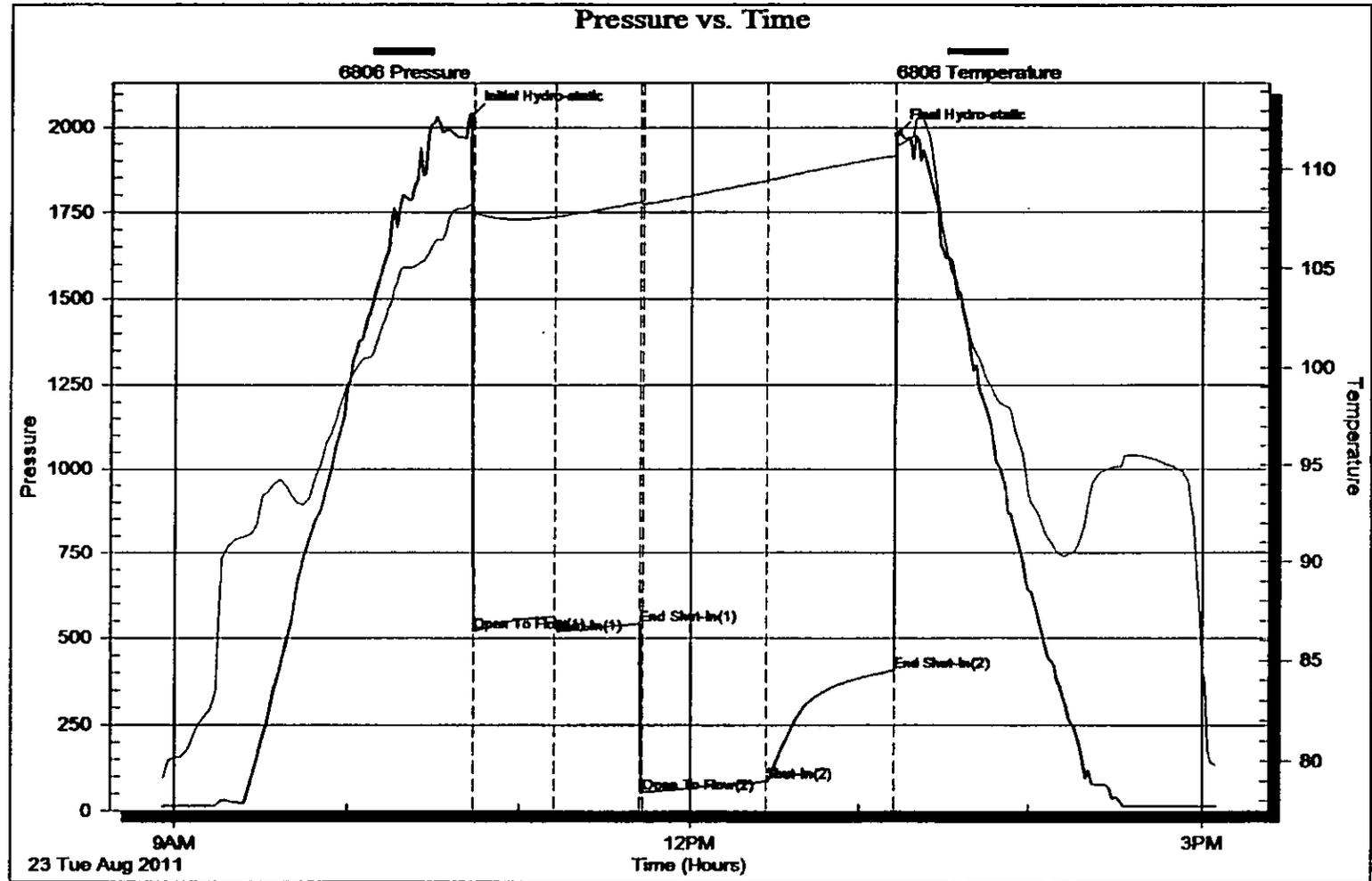


Serial #: 6806

Inside H&B Petroleum

34-17s-21w Ness

DST Test Number: 1





DRILL STEM TEST REPORT

H&B Petroleum

Hagelgantz 34-1

Po Box Petroleum Blinwood
Kansas 67526

34-17s-21w Ness

Job Ticket: 16572

DST#: 2

ATTN: Josh Austin

Test Start: 2011.08.24 @ 01:25:00

GENERAL INFORMATION:

Formation: Fort scott

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:08:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315 GB-135

Interval: 4110.00 ft (KB) To 4146.00 ft (KB) (TVD)

Reference Elevations: 2153.00 ft (KB)

Total Depth: 4146.00 ft (KB) (TVD)

2144.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 6663

Outside

Press@RunDepth: 55.85 psia @ 4143.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.08.24

End Date:

2011.08.24

Last Calib.: 2011.08.24

Start Time: 01:26:00

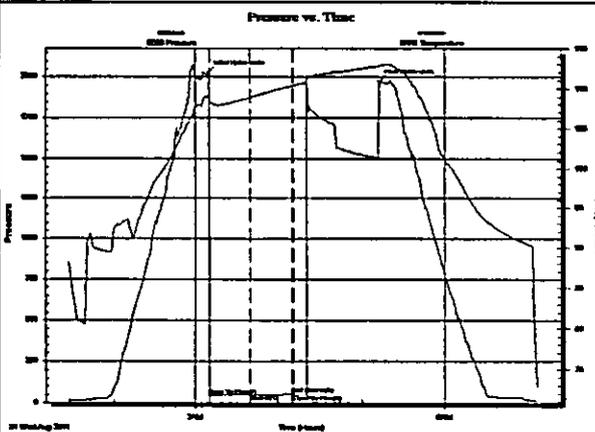
End Time:

07:08:00

Time On Btm: 2011.08.24 @ 03:09:30

Time Off Btm: 2011.08.24 @ 05:12:00

TEST COMMENT: 1st open 30 minutes Weak blow then died off
1st shut in 30 minutes No blow back
2nd open 30 minutes Very weak blow that died off
2nd shut in 30 minutes No blow back



PRESSURE SUMMARY

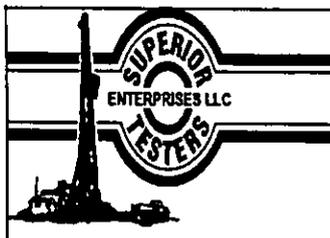
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2025.37	109.00	Initial Hydro-static
1	47.18	108.47	Open To Flow (1)
31	47.98	108.97	Shut-In(1)
61	55.85	110.38	End Shut-In(1)
62	48.72	110.41	Open To Flow (2)
71	51.79	110.77	Flushed Tool
123	1972.52	112.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	drilling mud	0.01

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

H&B Petroleum
 Po Box Petroleum Blinwood
 Kansas 67526
 ATTN: Josh Austin

Hagelgantz 34-1
 34-17s-21w Ness
 Job Ticket: 16572 DST#: 2
 Test Start: 2011.08.24 @ 01:25:00

Tool Information

Drill Pipe:	Length: 4105.00 ft	Diameter: 3.80 inches	Volume: 57.58 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 Full Loose: 42000.00 lb
			<u>Total Volume: 57.58 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	4110.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	64.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-in Tool	5.00			4087.00	
Hydrolic Tool	5.00			4092.00	
Jars	6.00			4098.00	
Safety Joint	2.00			4100.00	
Packer	5.00			4105.00	28.00 Bottom Of Top Packer
Packer	5.00			4110.00	
Perforations	31.00			4141.00	
Recorder	1.00	6806	Inside	4142.00	
Recorder	1.00	6663	Outside	4143.00	
Bull Plug	3.00			4146.00	36.00 Bottom Packers & Anchor
Total Tool Length:	64.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

H&B Petroleum

Hagelantz 34-1

Po Box Petroleum Ellinwood
Kansas 67526

34-17a-21w Ness

Job Ticket: 16572 DST#: 2

ATTN: Josh Austin

Test Start: 2011.08.24 @ 01:25:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Satinity:	ppm
Viscosity: 71.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 6500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	drilling mud	0.014

Total Length: 1.00 ft Total Volume: 0.014 bbl

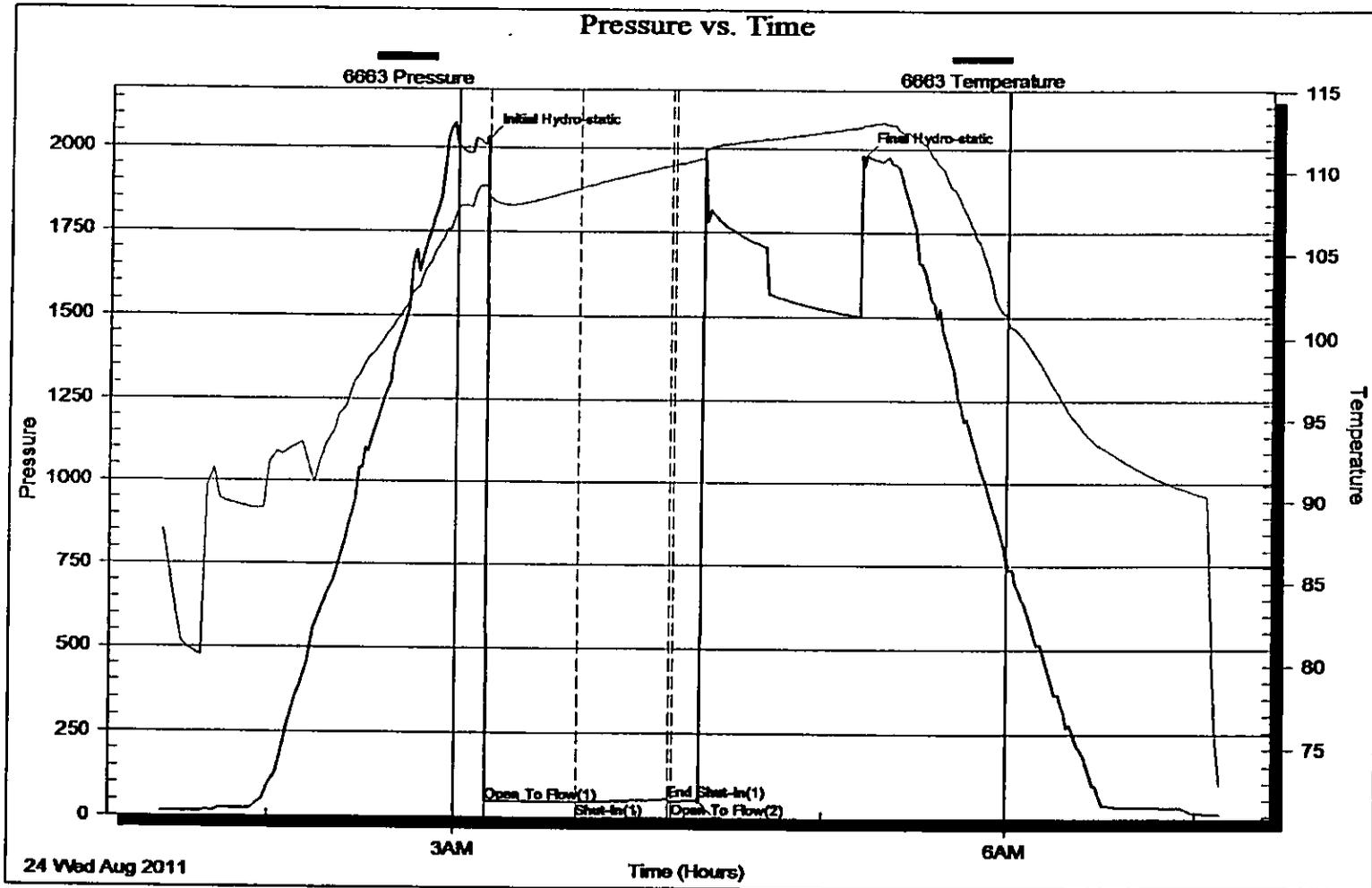
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 6663

Outside H&B Petroleum

34-17s-21w Ness

DST Test Number: 2

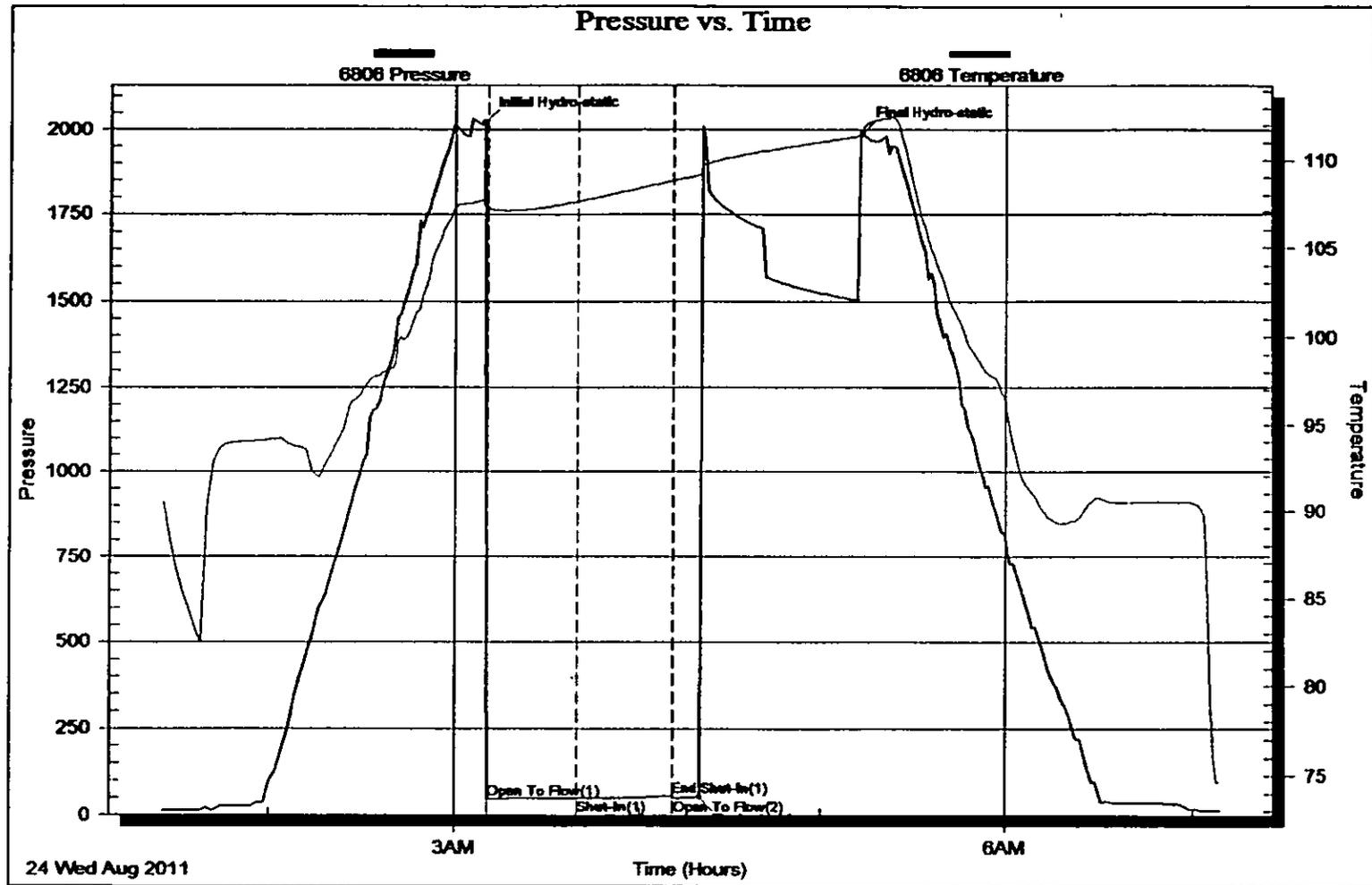


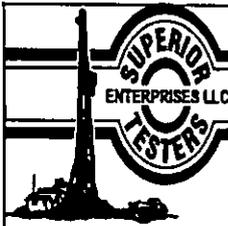
Serial #: 6806

Inside H&B Petroleum

34-17s-21w Ness

DST Test Number: 2





DRILL STEM TEST REPORT

H&B Petroleum

Hagelgantz 34-1

Po Box Petroleum Elinwood
Kansas 67526

34-17s-21w Ness

Job Ticket: 16573 DST#: 3

ATTN: Josh Austin

Test Start: 2011.08.24 @ 08:00:00

GENERAL INFORMATION:

Formation: Fort Scott- Cherokee

Deviated: No Whipstock ft (KB)

Time Tool Opened: 09:44:30

Time Test Ended: 14:43:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-CB-135

Interval: 4080.00 ft (KB) To 4146.00 ft (KB) (TVD)

Total Depth: 4146.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2153.00 ft (KB)

2144.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6663

Outside

Press@RunDepth: 347.75 psia @ 4143.00 ft (KB)

Start Date: 2011.08.24

End Date:

2011.08.24

Start Time: 08:01:00

End Time:

14:43:00

Capacity:

5000.00 psia

Last Calib.:

2011.08.24

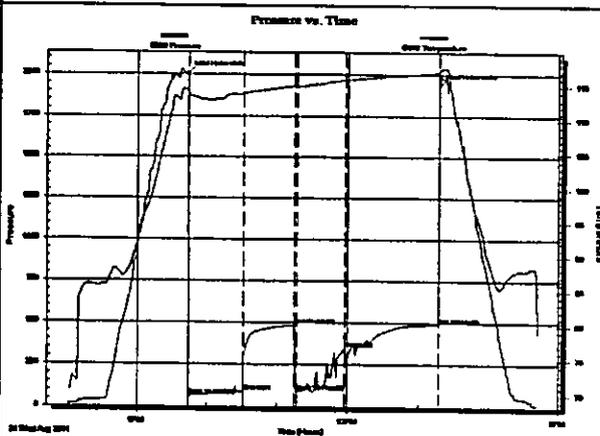
Time On Btrr:

2011.08.24 @ 09:43:30

Time Off Btrr:

2011.08.24 @ 13:18:00

TEST COMMENT: 1st open 45 minutes Weak building blow built to 4 inches into the bucket
1st shut in 45 minutes No blow back
2nd open 60 minutes Weak blow then died off
2nd shut in 90 minutes No blow back



PRESSURE SUMMARY

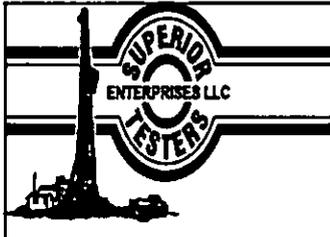
Time (Mn.)	Pressure (psia)	Temp (deg F)	Annotation
0	2006.90	114.39	Initial Hydro-static
1	63.06	113.82	Open To Flow (1)
48	89.13	113.89	Shut-In (1)
92	484.41	115.04	End Shut-In (1)
94	91.14	114.93	Open To Flow (2)
134	347.75	115.88	Shut-In (2)
214	491.58	116.94	End Shut-In (2)
215	1936.22	117.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bb)
90.00	Drilling Mud 100%	1.26

Gas Rates

	Choke (Inches)	Pressure (psia)	Gas Rate (MCFd)



DRILL STEM TEST REPORT

H&B Petroleum
 Po Box Petroleum Ellinwood
 Kansas 67526
 ATTN: Josh Austin

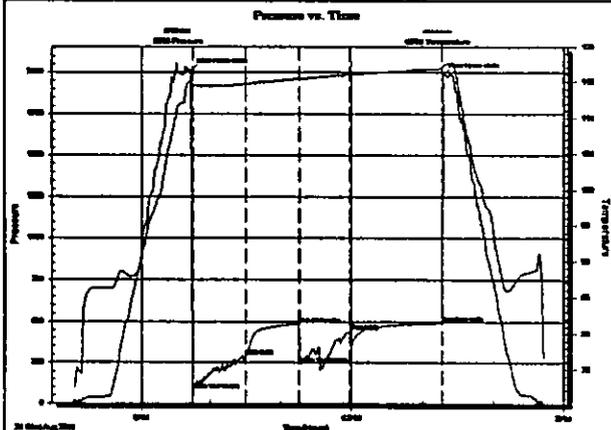
Hagelantz 34-1
 34-17a-21w Ness
 Job Ticket: 16573 DST#: 3
 Test Start: 2011.08.24 @ 08:00:00

GENERAL INFORMATION:

Formation: Fort Scott- Cherokee
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 09:44:30 Tester: Dustin Ellis
 Time Test Ended: 14:43:00 Unit No: 3315-GB-135
 Interval: 4080.00 ft (KB) To 4146.00 ft (KB) (TVD)
 Reference Elevations: 2153.00 ft (KB)
 Total Depth: 4148.00 ft (KB) (TVD) 2144.00 ft (CF)
 Hole Diameter: 7.88 inches-Hole Condition: Fair KB to GR/CF: 9.00 ft

Serial #: 6806 Inside
 Press@RunDepth: 491.87 psia @ 4142.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.08.24 End Date: 2011.08.24 Last Calib.: 2011.08.24
 Start Time: 08:01:00 End Time: 14:43:30 Time On Btm: 2011.08.24 @ 09:43:30
 Time Off Btm: 2011.08.24 @ 13:17:30

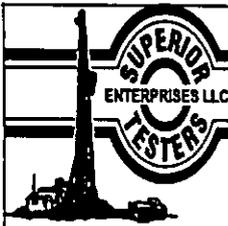
TEST COMMENT: 1st open 45 minutes Weak building blow built to 4 inches into the bucket
 1st shut in 45 minutes No blow back
 2nd open 60 minutes Weak blow then died off
 2nd shut in 90 minutes No blow back



PRESSURE SUMMARY			
Time (Mn.)	Pressure (psia)	Temp (deg F)	Annotation
0	2008.78	114.99	Initial Hydro-static
2	81.84	114.51	Open To Flow (1)
47	289.42	114.64	Shut-In(1)
92	485.13	115.38	End Shut-In(1)
93	238.52	115.34	Open To Flow (2)
135	440.15	115.95	Shut-In(2)
213	491.87	116.86	End Shut-In(2)
214	1984.10	117.27	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
90.00	Drilling Mud 100%	1.26

Gas Rates		
Choke (inches)	Pressure (psia)	Gas Rate (McF/D)



DRILL STEM TEST REPORT

TOOL DIAGRAM

H&B Petroleum
 Po Box Petroleum Blinwood
 Kansas 67526
 ATTN: Josh Austin

Hagelgantz 34-1
 34-17s-21w Ness
 Job Ticket: 16573 DST#: 3
 Test Start: 2011.08.24 @ 08:00:00

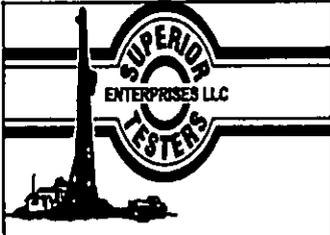
Tool Information

Drill Pipe:	Length: 4076.00 ft	Diameter: 3.80 inches	Volume: 57.18 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: 70000.00 lb
			Total Volume: 57.18 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	4080.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	66.00 ft			
Tool Length:	94.00 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			4057.00	
Hydrolic Tool	5.00			4062.00	
Jars	6.00			4068.00	
Safety Joint	2.00			4070.00	
Packer	5.00			4075.00	28.00 Bottom Of Top Packer
Packer	5.00			4080.00	
Perforations	0.00			4080.00	
Change Over Sub	0.75			4080.75	
Drill Pipe	32.00			4112.75	
Change Over Sub	0.75			4113.50	
Perforations	27.50			4141.00	
Recorder	1.00	6806	Inside	4142.00	
Recorder	1.00	6663	Outside	4143.00	
Bull Plug	3.00			4146.00	66.00 Bottom Packers & Anchor

Total Tool Length: 94.00



DRILL STEM TEST REPORT

FLUID SUMMARY

H&B Petroleum

Hagelgantz 34-1

Po Box Petroleum Ellinwood
Kansas 67526

34-17e-21w Ness

Job Ticket: 16573

DST#: 3

ATTN: Josh Austin

Test Start: 2011.08.24 @ 08:00:00

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: 71.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in ²	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 6500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	Drilling Mud 100%	1.262

Total Length: 90.00 ft Total Volume: 1.262 bbl

Num Fluid Samples: 0

Num Gas Borrs: 0

Serial #:

Laboratory Name:

Laboratory Location:

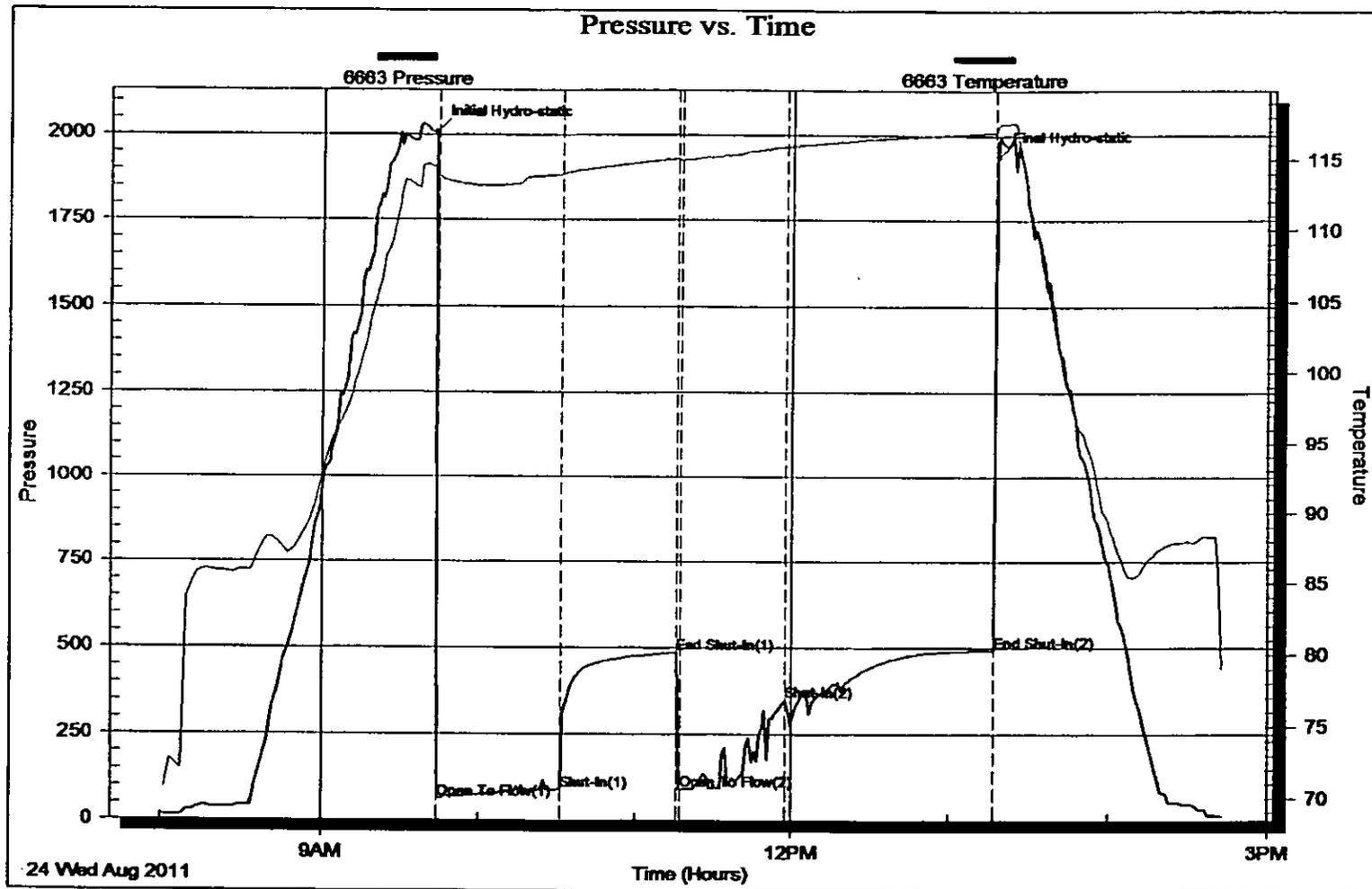
Recovery Comments:

Serial #: 6663

Outside H&B Petroleum

34-179-21w Ness

DST Test Number: 3



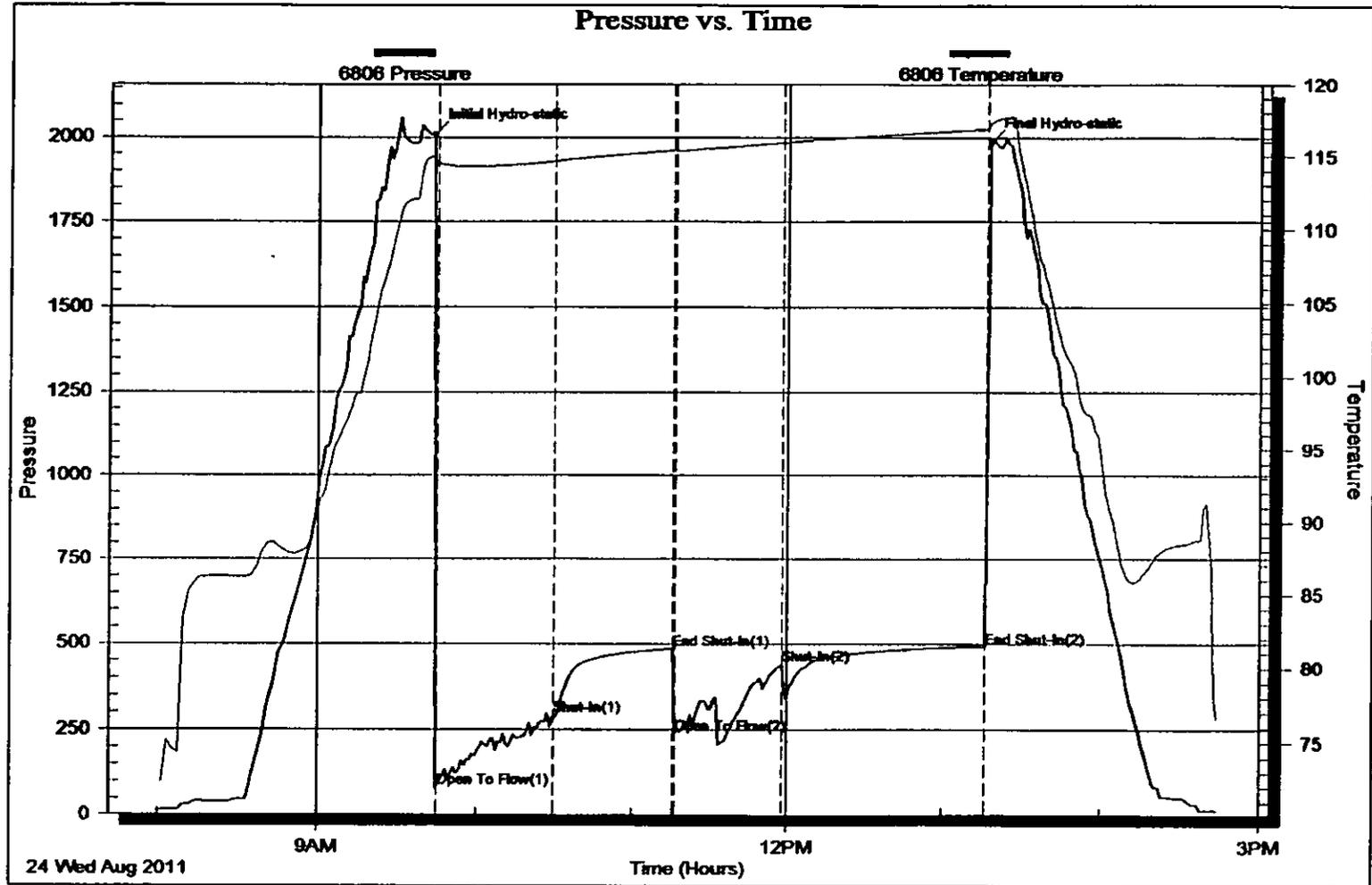
Serial #: 6806

Inside

H&B Petroleum

34-17a-21w Ness

DST Test Number: 3





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
AUG 26 2011

Test Ticket

NO. 44235 16229

Well Name & No. Hagegant 34-1 Test No. 1 Date 8-24-11
 Company W&B Petroleum Corp. Elevation 2153 KB 2144 GL
 Address PO Box 277 Ellinwood Ks. 67526-0277
 Co. Rep / Geo. Jim Musgrove Rig Southwind #2
 Location: Sec. 34 Twp. 17S Rge. 21W Co. Ness State Ks

Interval Tested 4080-4146 Zone Tested FT Scott, Cherokee A&B
 Anchor Length 66' Drill Pipe Run 4077 Mud Wt. 8.9
 Top Packer Depth 4075 Drill Collars Run 0 Vis 59
 Bottom Packer Depth 4080 Wt. Pipe Run 0 WL 10.4
 Total Depth 4146 Chlorides 7800 ppm System LCM TR

Blow Description IF: BOB, 10min
IS: Return Surface blow, died in 10min
FF: BOB, 6min
FS: Return Surface blow, died in 8min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>690</u>	<u>Feet of GIP</u>				
<u>110'</u>	<u>Feet of GMCO</u>	<u>25%</u>	<u>40%</u>	<u>%</u>	<u>35%</u>
<u>65</u>	<u>Feet of GMCO</u>	<u>20%</u>	<u>60%</u>	<u>%</u>	<u>20%</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 175' BHT 113 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1988 Test 1225' T-On Location 17155
 (B) First Initial Flow 26 Jars 250' T-Started 20:00
 (C) First Final Flow 53 Safety Joint 75' T-Open 22:08
 (D) Initial Shut-In 406 Circ Sub _____ T-Pulled 02:08
 (E) Second Initial Flow 52 Hourly Standby 1/2 hr 50' T-Out 04:29
 (F) Second Final Flow 84 Mileage 108AT 151.20 Comments _____
 (G) Final Shut-In 405 Sampler _____
 (H) Final Hydrostatic 1947 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____

Initial Open 45 Extra Packer _____ Extra Copies _____
 Initial Shut-In 45 Extra Recorder _____ Sub Total 0
 Final Flow 60 Day Standby _____ Total 1751.20
 Final Shut-In 90 Accessibility _____ MP/DST Disc't _____
 Sub Total 1751.20

Approved By _____ Our Representative Andy Car

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
AUG 26 2011

Test Ticket

NO. 44236

Well Name & No. Hage/gantz 34-1 Test No. 2 Date 8-25-11
 Company H & B Petroleum Corp Elevation 2153 KB 2144 GL
 Address PO Box 277 Ellinwood Ks. 67526-0277
 Co. Rep / Geo. Jim Musgrave Rig Southwind #2
 Location: Sec. 34 Twp. 17s Rge. 21w Co. Ness State Ks

Interval Tested 4186-4198 Zone Tested Miss.
 Anchor Length 12' Drill Pipe Run 4178 Mud Wt. 8.9
 Top Packer Depth 4181 Drill Collars Run 0 Vis 59
 Bottom Packer Depth 4186 Wt. Pipe Run 0 WL 10.4
 Total Depth 4198 Chlorides 7800 ppm System LCM fr.

Blow Description IF: Slow building, BOB 44min.
IS: No Return
FF: 5 inches 10min. BOB, 35min
FS: No Return

Rec	Feet of	%gas	%oil	%water	%mud
420	GIP				
10	GO				
60	GO CWM	15%	30%	15%	50%
60	GO C MW	15%	30%	40%	15%

Rec Total 145 BHT 118 Gravity 46 API RW @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2082 Test ← 1225 T-On Location 15:02
 (B) First Initial Flow 20 Jars ← 250 T-Started 16:34
 (C) First Final Flow 40 Safety Joint ← 75 T-Open 18:43
 (D) Initial Shut-In 1223 Circ Sub _____ T-Pulled 22:43
 (E) Second Initial Flow 40 Hourly Standby _____ T-Out 01:06
 (F) Second Final Flow 67 Mileage ← 108RT 151.20 Comments _____
 (G) Final Shut-In 1230 Sampler _____
 (H) Final Hydrostatic 1978 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____

Initial Open 45 Extra Packer _____ Extra Copies _____
 Initial Shut-In 45 Extra Recorder _____ Sub Total 8
 Final Flow 60 Day Standby _____ Total 1701.20
 Final Shut-In 90 Accessibility _____ MP/DST Disc't _____
 Sub Total 1701.20

Approved By _____ Our Representative [Signature]

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