

DRILL STEM TEST REPORT

Prepared For: **GILBERT STEWART OPERATING L.L.C**

1801 BROADWAY 450
DENVER CO 80202

ATTN: DEREK PATTERSON

8-20-10

BIG RED#9

Start Date: 2008.12.08 @ 11:03:07

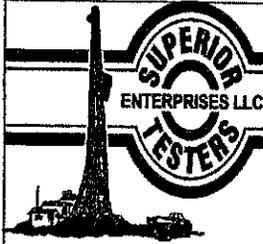
End Date: 2008.12.08 @ 17:57:37

Job Ticket #: 16637 DST #: 1

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

Printed: 2008.12.11 @ 08:41:25

GILBERT STEWART OPERATING L.L.C
BIG RED#9
8-20-10
DST # 1
LANSING A - D
2008.12.08



DRILL STEM TEST REPORT

GILBERT STEWART OPERATING L.L.C

BIG RED#9

1801 BROADWAY 450
DENVER CO 80202

8-20-10

Job Ticket: 16637

DST#: 1

ATTN: DEREK PATTERSON

Test Start: 2008.12.08 @ 11:03:07

GENERAL INFORMATION:

Formation: **LANSING A - D**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:25:37
 Time Test Ended: 17:57:37

Test Type: Conventional Bottom Hole (initial)
 Tester: DAVID NICHOLS
 Unit No: 3345 39 MGB

Interval: **3058.00 ft (KB) To 3135.00 ft (KB) (TVD)**
 Total Depth: 3135.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1821.00 ft (KB)
 1812.00 ft (CF)
 KB to GR/CF: 9.00 ft

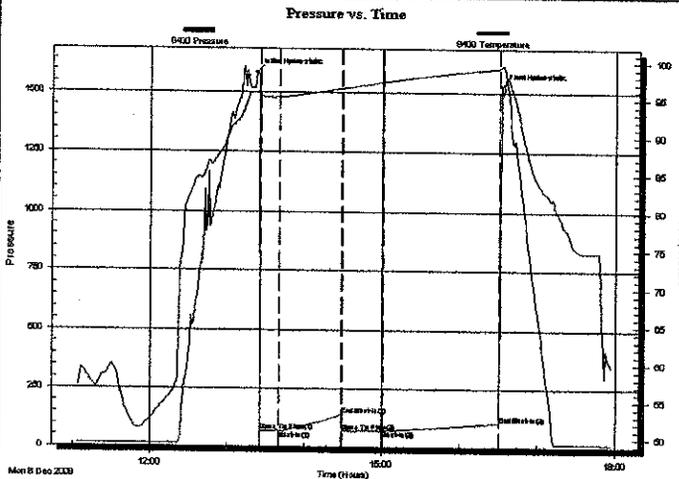
Serial #: 8400

Inside

Press@RunDepth: 69.32 psia @ 3130.00 ft (KB)
 Start Date: 2008.12.08 End Date: 2008.12.08
 Start Time: 11:04:07 End Time: 17:57:37

Capacity: 5000.00 psia
 Last Calib.: 2008.12.08
 Time On Btm: 2008.12.08 @ 13:22:37
 Time Off Btm: 2008.12.08 @ 16:31:37

TEST COMMENT: 15-INITIAL OPENING WEAK BLOW BUILT 1/2 INCH INTO WATER
 45-INITIAL SHUT IN NO BLOW BACK
 30-FINAL OPENING VERY WEAK BLOW DIED AFTER 15 MINS
 90-FINAL SHUT IN NO BLOW BACK



PRESSURE SUMMARY

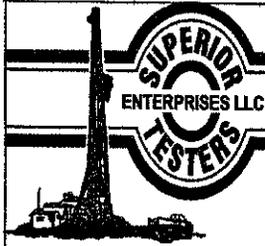
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1588.93	95.80	Initial Hydro-static
3	66.08	95.09	Open To Flow (1)
18	68.28	95.23	Shut-in(1)
66	140.70	96.42	End Shut-in(1)
67	68.82	96.41	Open To Flow (2)
98	69.32	97.29	Shut-in(2)
188	104.69	99.21	End Shut-in(2)
189	1529.76	99.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	DRILLING MUD	0.05

Gas Rates

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



DRILL STEM TEST REPORT

GILBERT STEWART OPERATING L.L.C

BIG RED#9

1801 BROADWAY 450
DENVER CO 80202

8-20-10

Job Ticket: 16637

DST#: 1

ATTN: DEREK PATTERSON

Test Start: 2008.12.08 @ 11:03:07

GENERAL INFORMATION:

Formation: **LANSING A - D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:25:37

Time Test Ended: 17:57:37

Test Type: Conventional Bottom Hole (Initial)

Tester: DAVID NICHOLS

Unit No: 3345 39 MGB

Interval: **3058.00 ft (KB) To 3135.00 ft (KB) (TVD)**

Total Depth: 3135.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1821.00 ft (KB)

1812.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 26450 Outside

Press@RunDepth: 105.09 psia @ 3130.00 ft (KB)

Start Date: 2008.12.08

End Date: 2008.12.08

Start Time: 11:03:47

End Time: 17:59:56

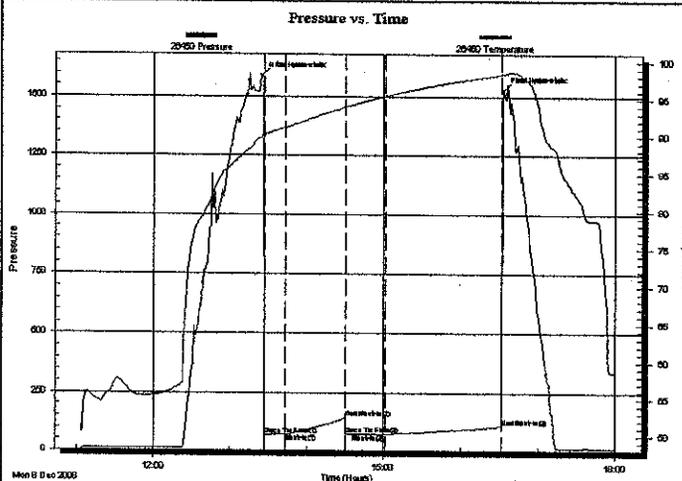
Capacity: 5000.00 psia

Last Calib.: 2008.12.08

Time On Btm: 2008.12.08 @ 13:24:27

Time Off Btm: 2008.12.08 @ 16:32:57

TEST COMMENT: 15-INITIAL OPENING WEAK BLOW BUILT 1/2 INCH INTO WATER
45-INITIAL SHUT IN NO BLOW BACK
30-FINAL OPENING VERY WEAK BLOW DIED AFTER 15 MINS
90-FINAL SHUT IN NO BLOW BACK



PRESSURE SUMMARY

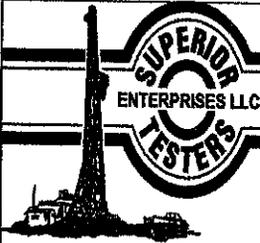
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1588.80	89.85	Initial Hydro-static
3	67.18	90.03	Open To Flow (1)
19	69.18	91.12	Shut-in(1)
66	141.13	93.92	End Shut-in(1)
66	69.77	93.92	Open To Flow (2)
97	69.59	95.37	Shut-in(2)
187	105.09	98.25	End Shut-in(2)
189	1527.40	98.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	DRILLING MUD	0.05

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

GILBERT STEWART OPERATING L.L.C

BIG RED#9

1801 BROADWAY 450
DENVER CO 80202

8-20-10

Job Ticket: 16637

DST#: 1

ATTN: DEREK PATTERSON

Test Start: 2008.12.08 @ 11:03:07

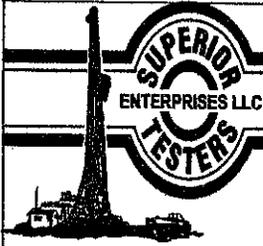
Tool Information

Drill Pipe:	Length: 2822.00 ft	Diameter: 3.88 inches	Volume: 41.27 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: 210.00 ft	Diameter: 2.25 inches	Volume: 1.03 bbl	Weight to Pull Loose: 45000.00 lb
		Total Volume:	42.30 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3058.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	77.00 ft			
Tool Length:	106.00 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			3030.00	
Shut-In Tool	5.00			3035.00	
Hydraulic Tool	5.00			3040.00	
Jars	6.00			3046.00	
Safety Joint	2.00			3048.00	
Packer	5.00			3053.00	29.00 Bottom Of Top Packer
Packer	5.00			3058.00	
Change Over Sub	0.75			3058.75	
Drill Pipe	30.50			3089.25	
Change Over Sub	0.75			3090.00	
Perforations	40.00			3130.00	
Recorder	0.00	8400	Inside	3130.00	
Recorder	0.00	91986	Outside	3130.00	
Bullnose	5.00			3135.00	77.00 Bottom Packers & Anchor
Total Tool Length:	106.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

GILBERT STEWART OPERATING L.L.C

BIG RED#9

1801 BROADWAY 450
DENVER CO 80202

8-20-10

Job Ticket: 16637

DST#: 1

ATTN: DEREK PATTERSON

Test Start: 2008.12.08 @ 11:03:07

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: 70.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 6500.00 ppm

Filter Cake: 0.10 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
10.00	DRILLING MUD	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8400

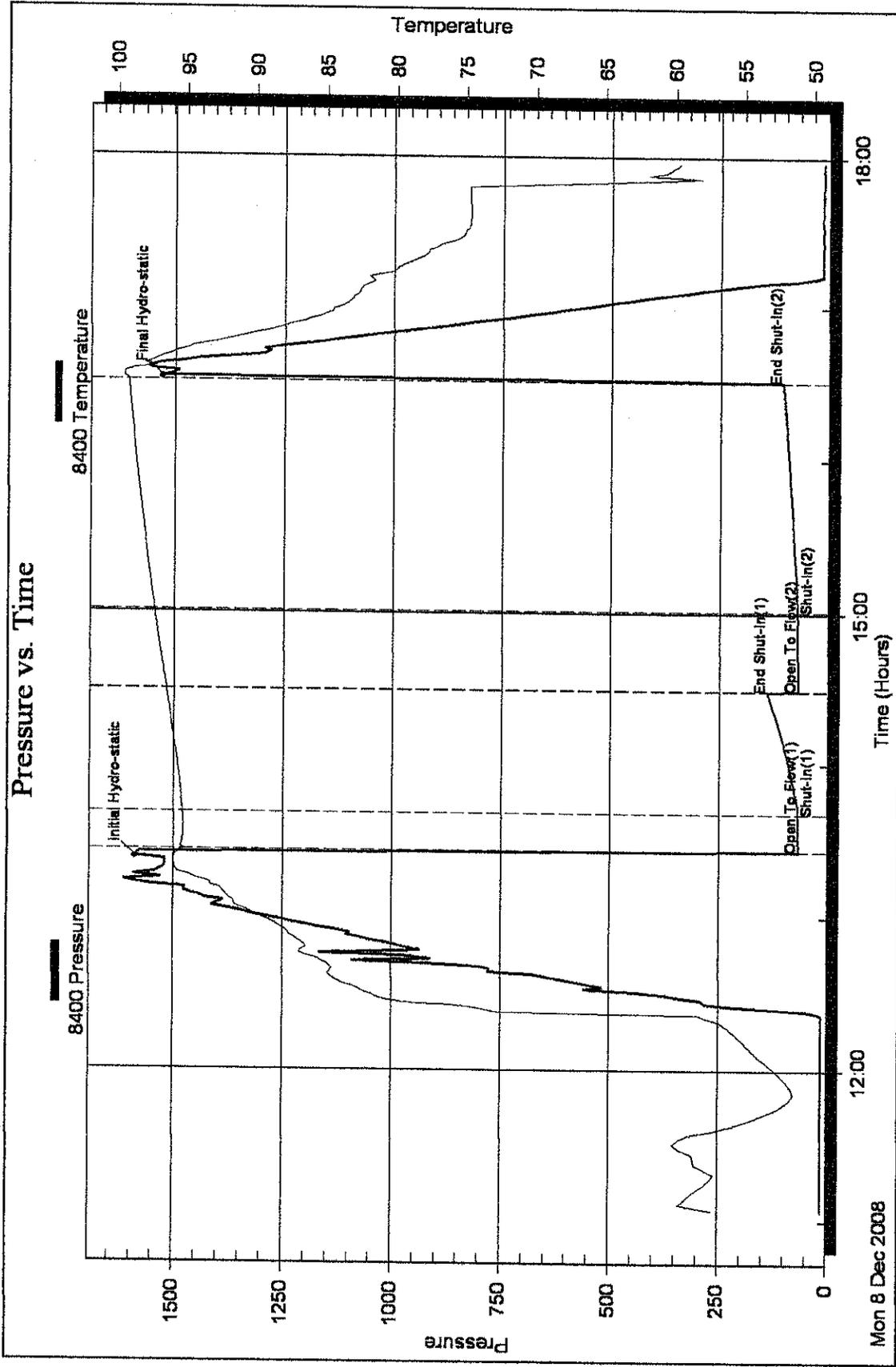
Inside

GILBERT STEWART OPERATING L.L.C

8-20-10

DST Test Number: 1

Pressure vs. Time



DST Test Number: 1

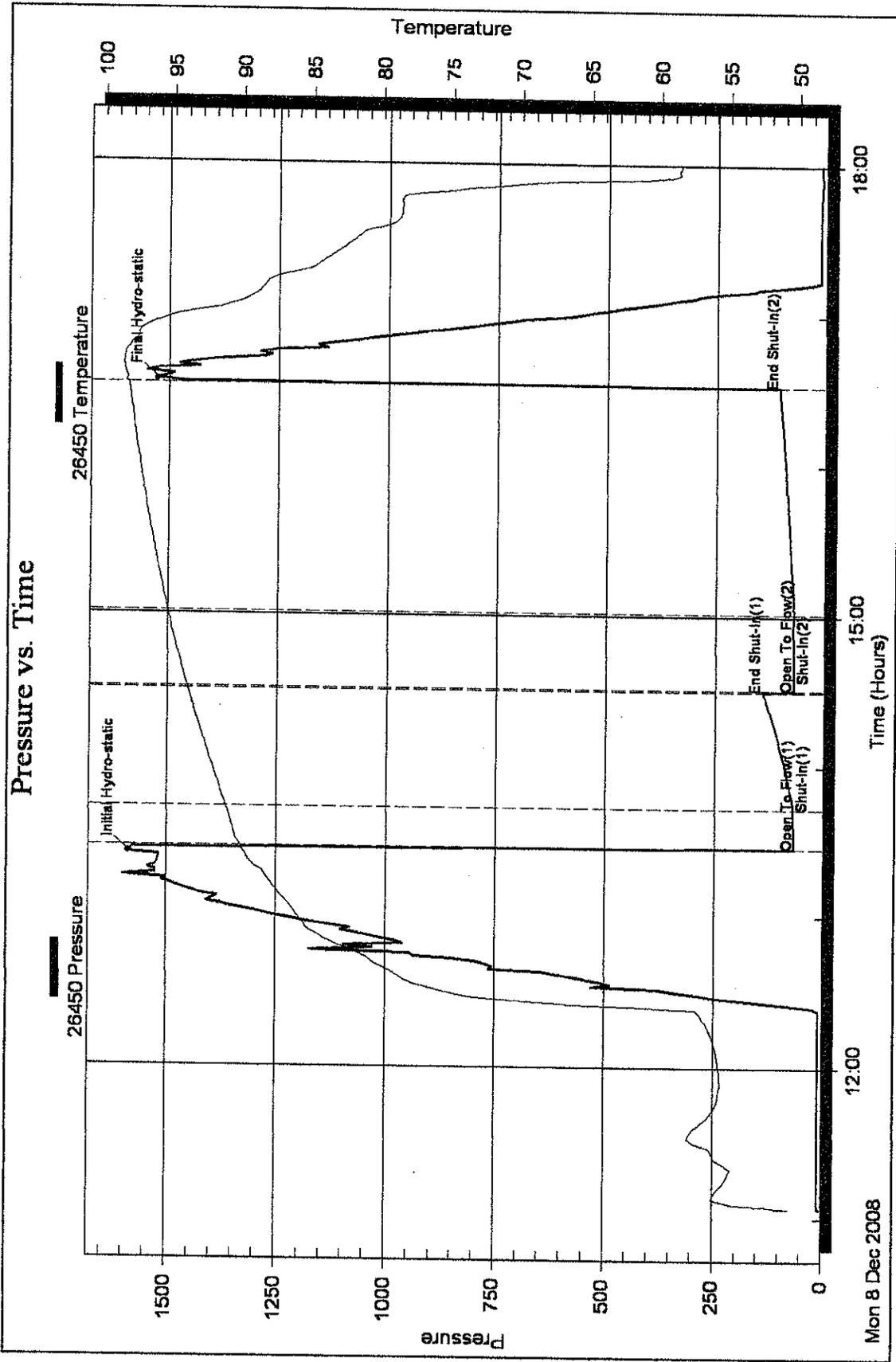
8-20-10

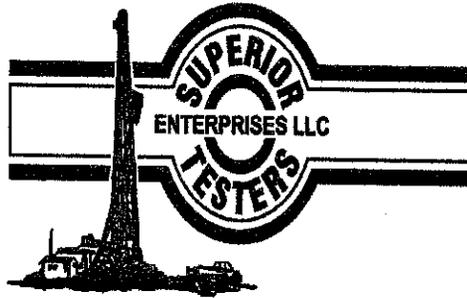
GILBERT STEWART OPERATING L.L.C

Outside

Serial #: 26450

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **GILBERT STEWART OPERATING L.L.C**

1801 BROADWAY 450
DENVER CO 80202

ATTN: DEREK PATTERSON

8-20-10

BIG RED#9

Start Date: 2008.12.09 @ 01:58:37

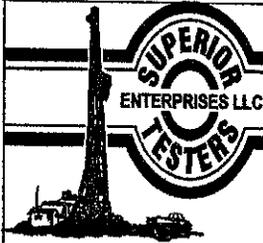
End Date: 2008.12.09 @ 09:09:37

Job Ticket #: 16638 DST #: 2

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

Printed: 2008.12.11 @ 08:40:47

GILBERT STEWART OPERATING L.L.C
BIG RED#9
8-20-10
DST # 2
LANSING E-G
2008.12.09



DRILL STEM TEST REPORT

GILBERT STEWART OPERATING L.L.C

BIG RED#9

1801 BROADWAY 450
DENVER CO 80202

8-20-10

Job Ticket: 16638

DST#: 2

ATTN: DEREK PATTERSON

Test Start: 2008.12.09 @ 01:58:37

GENERAL INFORMATION:

Formation: **LANSING E-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:42:37

Time Test Ended: 09:09:37

Test Type: Conventional Bottom Hole (Initial)

Tester: DAVID NICHOLS

Unit No: 3345 39 MGB

Interval: **3132.00 ft (KB) To 3187.00 ft (KB) (TVD)**

Total Depth: 3187.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1821.00 ft (KB)

1812.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8400

Inside

Press@RunDepth: 205.96 psia @ 3182.00 ft (KB)

Start Date: 2008.12.09

End Date: 2008.12.09

Capacity: 5000.00 psia

Start Time: 01:59:37

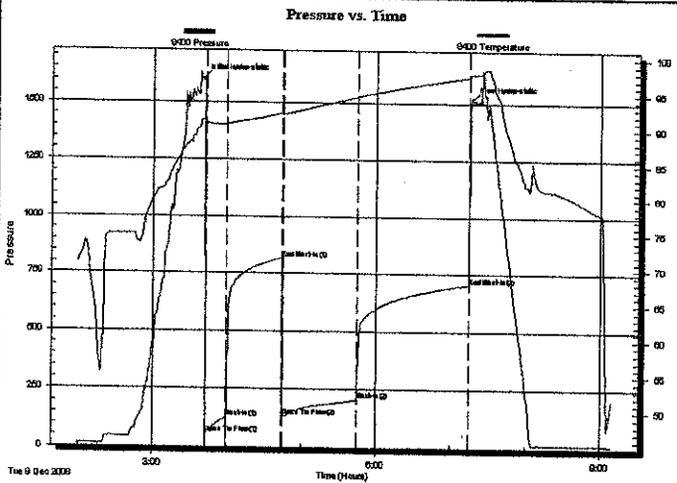
End Time: 09:09:37

Last Calib.: 2008.12.09

Time On Btm: 2008.12.09 @ 03:40:37

Time Off Btm: 2008.12.09 @ 07:16:37

TEST COMMENT: 15-INITIAL OPENING WEAK BUILDING BLOW BUILT TO 7 INCHES INTO WATER IN 15 MINS
45-INITIAL SHUT IN NO BLOW BACK
60-FINAL FLOW WEAK BUILDING BLOW BUILT TO BOTTOM OF THE BUCKET IN 55 MINS
90-FINAL SHUT IN NO BLOW BACK



PRESSURE SUMMARY

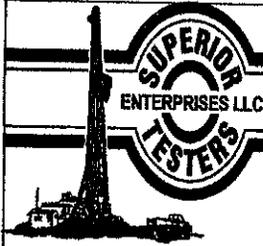
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1600.67	91.28	Initial Hydro-static
2	56.28	90.30	Open To Flow (1)
19	126.03	90.61	Shut-in(1)
64	818.53	92.30	End Shut-in(1)
64	135.41	92.14	Open To Flow (2)
124	205.96	94.57	Shut-in(2)
214	705.04	97.48	End Shut-in(2)
216	1518.11	97.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	MUDDY WATER 30%MUD70%WATER	2.06

Gas Rates

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



DRILL STEM TEST REPORT

GILBERT STEWART OPERATING L.L.C

BIG RED#9

1801 BROADWAY 450
DENVER CO 80202

8-20-10

ATTN: DEREK PATTERSON

Job Ticket: 16638

DST#: 2

Test Start: 2008.12.09 @ 01:58:37

GENERAL INFORMATION:

Formation: **LANSING E-G**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:42:37
 Time Test Ended: 09:09:37

Test Type: Conventional Bottom Hole (Initial)
 Tester: DAVID NICHOLS
 Unit No: 3345 39 MGB

Interval: **3132.00 ft (KB) To 3187.00 ft (KB) (TVD)**
 Total Depth: 3187.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1821.00 ft (KB)
 1812.00 ft (CF)
 KB to GR/CF: 9.00 ft

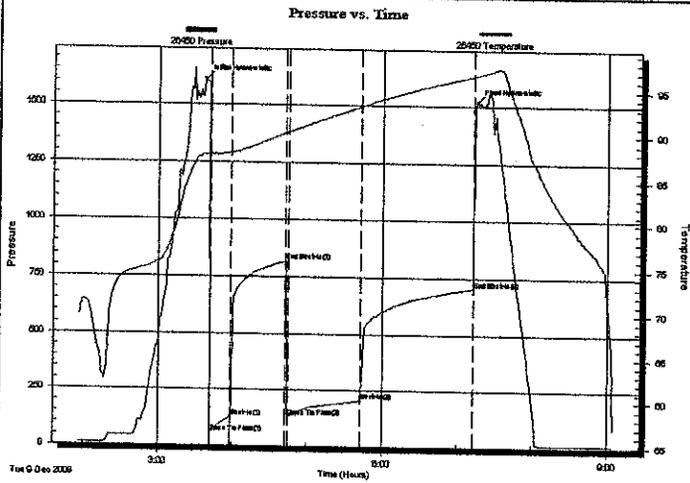
Serial #: 26450

Outside

Press@RunDepth: 704.51 psia @ 3182.00 ft (KB)
 Start Date: 2008.12.09 End Date: 2008.12.09
 Start Time: 01:56:52 End Time: 09:05:01

Capacity: 5000.00 psia
 Last Calib.: 2008.12.09
 Time On Btm: 2008.12.09 @ 03:38:02
 Time Off Btm: 2008.12.09 @ 07:15:32

TEST COMMENT: 15-INITIAL OPENING WEAK BUILDING BLOW BUILT TO 7 INCHES INTO WATER IN 15 MINS
 45-INITIAL SHUT IN NO BLOW BACK
 60-FINAL FLOW WEAK BUILDING BLOW BUILT TO BOTTOM OF THE BUCKET IN 55 MINS
 90-FINAL SHUT IN NO BLOW BACK



PRESSURE SUMMARY

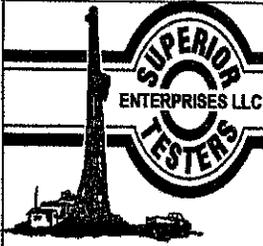
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1607.66	87.79	Initial Hydro-static
4	55.95	87.62	Open To Flow (1)
21	125.80	87.99	Shut-In(1)
65	817.49	90.25	End Shut-In(1)
67	131.44	90.37	Open To Flow (2)
125	203.64	93.24	Shut-In(2)
215	704.51	96.66	End Shut-In(2)
218	1515.04	96.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	MUDDY WATER 30%MUD70%WATER	2.06

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

GILBERT STEWART OPERATING L.L.C

BIG RED#9

1801 BROADWAY 450
DENVER CO 80202

8-20-10

Job Ticket: 16638

DST#: 2

ATTN: DEREK PATTERSON

Test Start: 2008.12.09 @ 01:58:37

Tool Information

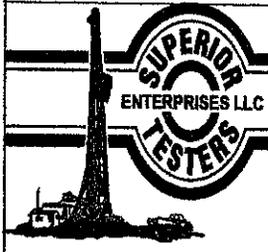
Drill Pipe:	Length: 2866.00 ft	Diameter: 3.88 inches	Volume: 41.91 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 45000.00 lb
			Total Volume: 43.09 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3132.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	84.00 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			3104.00	
Shut-in Tool	5.00			3109.00	
Hydraulic Tool	5.00			3114.00	
Jars	6.00			3120.00	
Safety Joint	2.00			3122.00	
Packer	5.00			3127.00	29.00 Bottom Of Top Packer
Packer	5.00			3132.00	
Change Over Sub	0.75			3132.75	
Drill Pipe	31.50			3164.25	
Change Over Sub	0.75			3165.00	
Perforations	17.00			3182.00	
Recorder	0.00	8400	Inside	3182.00	
Recorder	0.00	91986	Outside	3182.00	
Bullnose	5.00			3187.00	55.00 Bottom Packers & Anchor

Total Tool Length: 84.00



DRILL STEM TEST REPORT

FLUID SUMMARY

GILBERT STEWART OPERATING L.L.C
 1801 BROADWAY 450
 DENVER CO 80202
 ATTN: DEREK PATTERSON

BIG RED#9
8-20-10
 Job Ticket: 16638 **DST#: 2**
 Test Start: 2008.12.09 @ 01:58:37

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: 7.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 9000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
300.00	MUDDY WATER 30%MUD70%WATER	2.058

Total Length: 300.00 ft Total Volume: 2.058 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

DST Test Number: 2

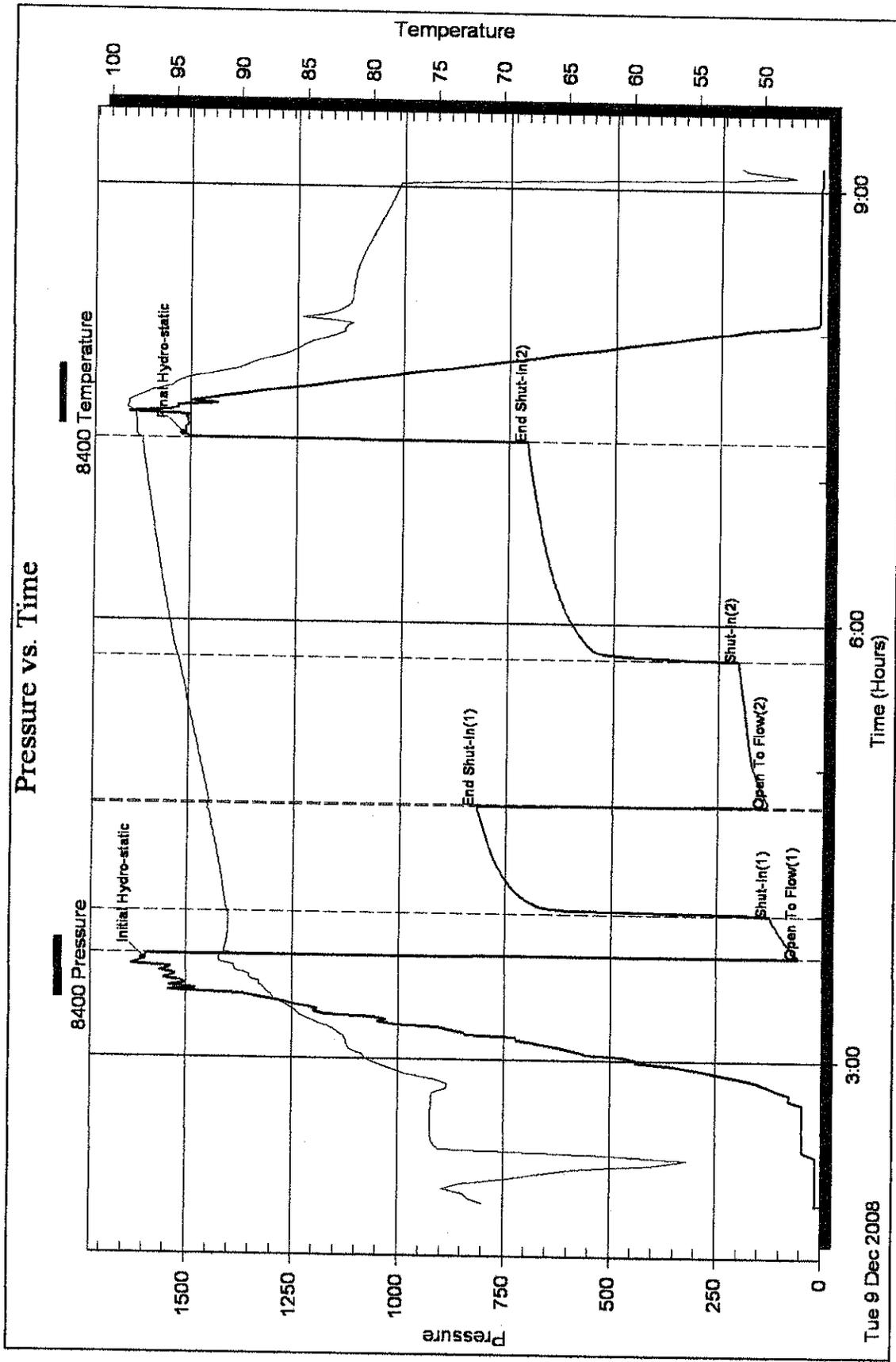
8-20-10

GILBERT STEWART OPERATING L.L.C

Inside

Serial #: 8400

Pressure vs. Time



Printed: 2008.12.11 @ 08:40:48

Ref. No: 16638

Superior Testers Enterprises LLC

Tue 9 Dec 2008

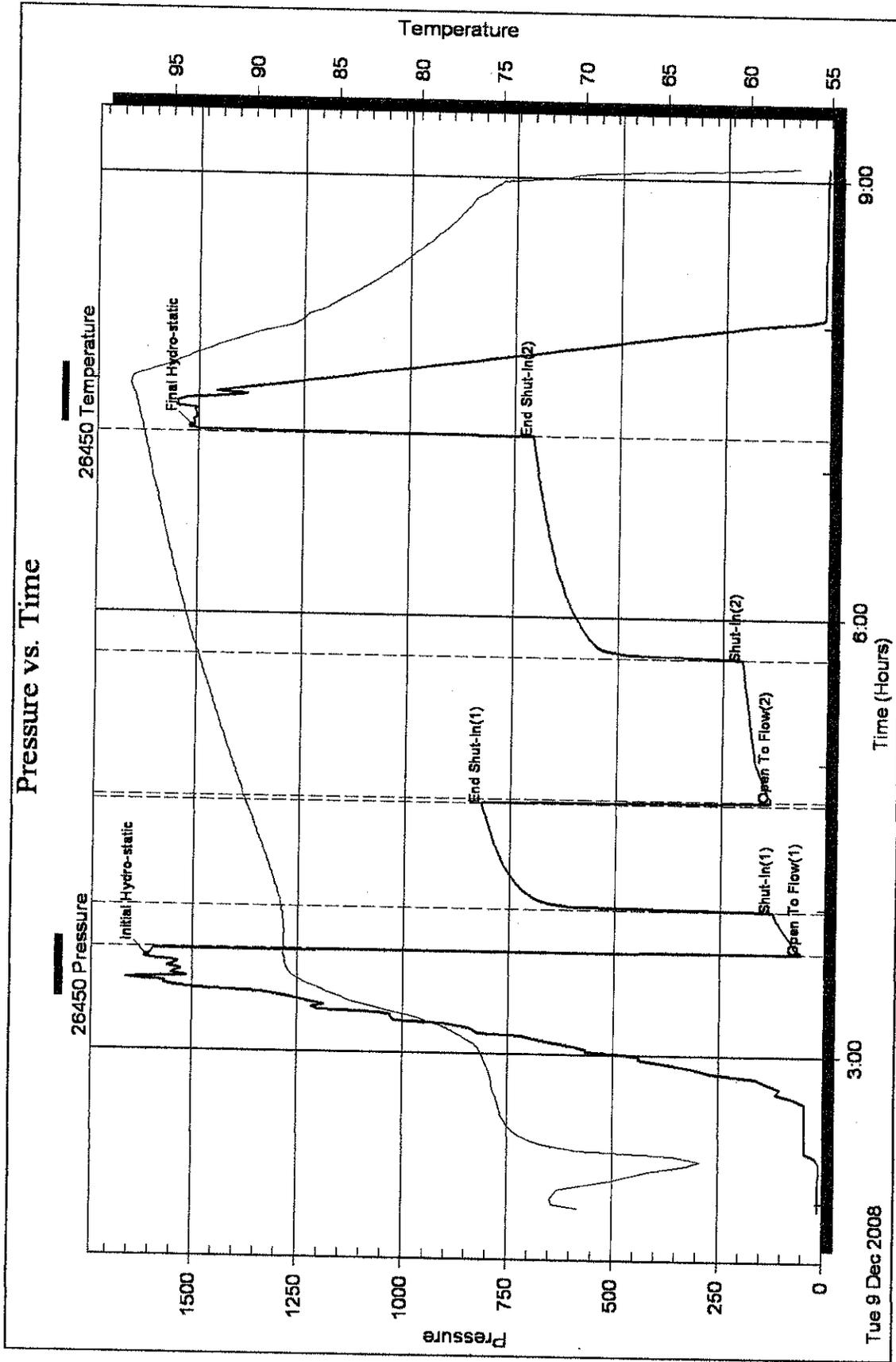
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Outside

GILBERT STEWART OPERATING L.L.C

8-20-10

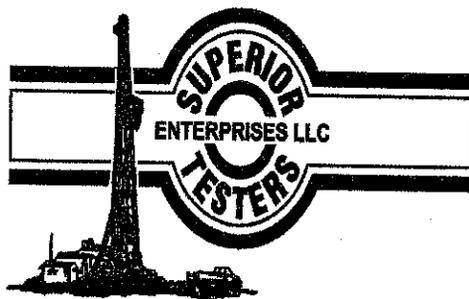
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Superior Testers Enterprises LLC

Ref. No: 16638

Printed: 2008.12.11 @ 08:40:48



DRILL STEM TEST REPORT

Prepared For: **GILBERT STEWART OPERATING L.L.C**

1801 BROADWAY 450
DENVER CO 80202

ATTN: DEREK PATTERSON

8-20-10

BIG RED#9

Start Date: 2008.12.10 @ 09:28:50

End Date: 2008.12.10 @ 22:15:50

Job Ticket #: 16639 DST #: 3

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

Printed: 2008.12.11 @ 08:40:28

GILBERT STEWART OPERATING L.L.C

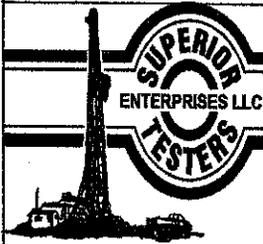
BIG RED#9

8-20-10

DST # 3

LANSING H-L

2008.12.10



DRILL STEM TEST REPORT

GILBERT STEWART OPERATING L.L.C

BIG RED#9

1801 BROADWAY 450
DENVER CO 80202

8-20-10

Job Ticket: 16639

DST#: 3

ATTN: DEREK PATTERSON

Test Start: 2008.12.10 @ 09:28:50

GENERAL INFORMATION:

Formation: **LANSING H-L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:31:20

Time Test Ended: 22:15:50

Test Type: Conventional Bottom Hole (Initial)

Tester: DAVID NICHOLS

Unit No: 3345 39 MGB

Interval: **3211.00 ft (KB) To 3333.00 ft (KB) (TVD)**

Total Depth: 3333.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1821.00 ft (KB)

1812.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8400

Inside

Press@RunDepth: 225.36 psia @ 3328.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2008.12.10

End Date:

2008.12.10

Last Calib.: 2008.12.10

Start Time: 09:29:50

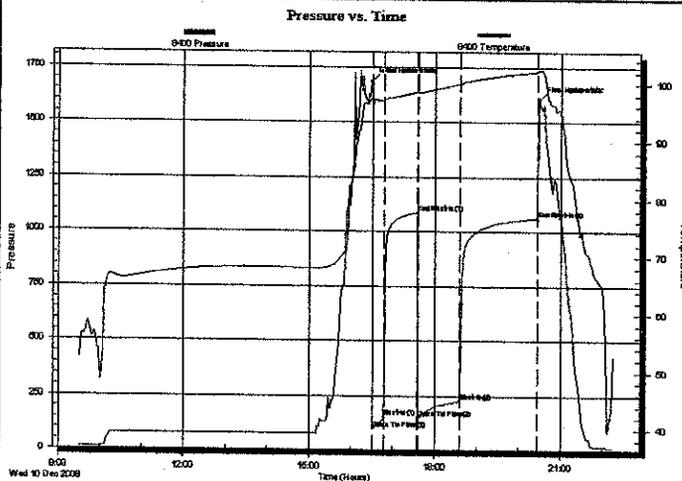
End Time:

22:15:50

Time On Btm: 2008.12.10 @ 16:29:20

Time Off Btm: 2008.12.10 @ 20:28:50

TEST COMMENT: 15- INITIAL OPENING WEAK BLOW BUILT TO 6 INCHES INTO WATER
45- INITIAL SHUT IN NO BLOW BACK
60- FINAL OPENING WEAK BLOW BUILT TO BOTTOM OF THE BUCKET IN 60 MINS
90- FINAL SHUT IN NO BLOW BACK



PRESSURE SUMMARY

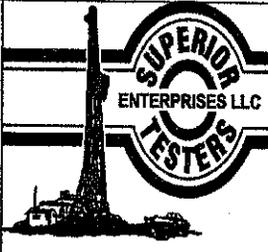
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1685.73	97.56	Initial Hydro-static
2	98.28	96.71	Open To Flow (1)
18	155.39	97.11	Shut-In(1)
66	1088.74	98.65	End Shut-In(1)
67	149.61	98.44	Open To Flow (2)
126	225.36	99.96	Shut-In(2)
237	1061.91	102.22	End Shut-In(2)
240	1605.68	102.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
260.00	MUDDY WATER 25%M 75%WV	1.46

Gas Rates

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



DRILL STEM TEST REPORT

GILBERT STEWART OPERATING L.L.C
 1801 BROADWAY 450
 DENVER CO 80202
 ATTN: DEREK PATTERSON

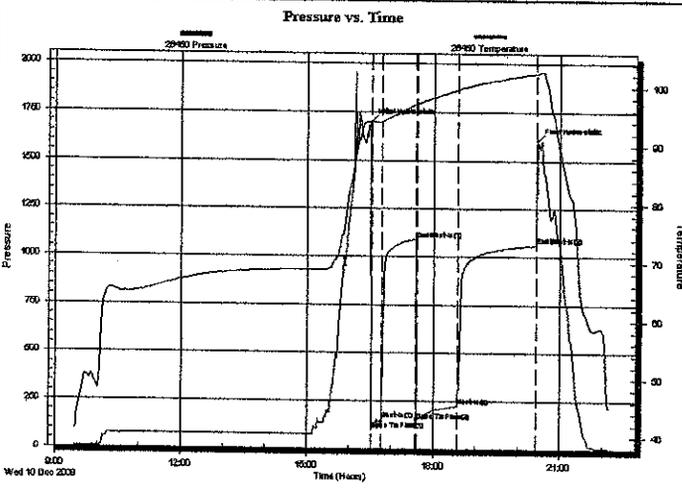
BIG RED#9
8-20-10
 Job Ticket: 16639 **DST#: 3**
 Test Start: 2008.12.10 @ 09:28:50

GENERAL INFORMATION:

Formation: **LANSING H-L**
 Deviated: No Whipstock ft (KB)
 Time Tool Opened: 16:31:20
 Time Test Ended: 22:15:50
 Test Type: Conventional Bottom Hole (Initial)
 Tester: DAVID NICHOLS
 Unit No: 3345 39 MGB
 Interval: **3211.00 ft (KB) To 3333.00 ft (KB) (TVD)**
 Total Depth: 3333.00 ft (KB) (TVD)
 Reference Elevations: 1821.00 ft (KB)
 1812.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 KB to GR/CF: 9.00 ft

Serial #: 26450 **Outside**
 Press@RunDepth: 1061.33 psia @ 3328.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2008.12.10 End Date: 2008.12.10 Last Calib.: 2008.12.10
 Start Time: 09:28:13 End Time: 22:11:53 Time On Btm: 2008.12.10 @ 16:30:53
 Time Off Btm: 2008.12.10 @ 20:27:53

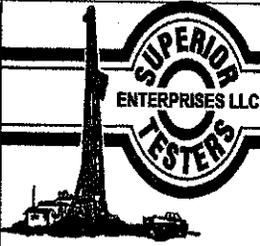
TEST COMMENT: 15- INITIAL OPENING WEAK BLOW BUILT TO 6 INCHES INTO WATER
 45-INITIAL SHUT IN NO BLOW BACK
 60-FINAL OPENING WEAK BLOW BUILT TO BOTTOM OF THE BUCKET IN 60 MINS
 90-FINAL SHUT IN NO BLOW BACK



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1694.60	94.27	Initial Hydro-static
1	99.54	94.14	Open To Flow (1)
16	152.75	94.19	Shut-in(1)
65	1088.35	97.11	End Shut-in(1)
65	149.78	97.00	Open To Flow (2)
124	225.58	99.58	Shut-in(2)
235	1061.33	102.35	End Shut-in(2)
237	1601.19	102.43	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
260.00	MUDDY WATER 25%M 75%W	1.46

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

GILBERT STEWART OPERATING L.L.C

BIG RED#9

1801 BROADWAY 450
DENVER CO 80202

8-20-10

Job Ticket: 16639

DST#: 3

ATTN: DEREK PATTERSON

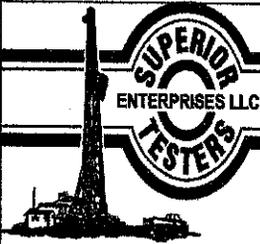
Test Start: 2008.12.10 @ 09:28:50

Tool Information

Drill Pipe:	Length: 2945.00 ft	Diameter: 3.80 inches	Volume: 41.31 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: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 70000.00 lb
			Total Volume: 42.49 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3211.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	122.00 ft			
Tool Length:	151.00 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			3183.00	
Shut-In Tool	5.00			3188.00	
Hydrolic Tool	5.00			3193.00	
Jars	6.00			3199.00	
Safety Joint	2.00			3201.00	
Packer	5.00			3206.00	29.00 Bottom Of Top Packer
Packer	5.00			3211.00	
Change Over Sub	0.75			3211.75	
Drill Pipe	94.50			3306.25	
Change Over Sub	0.75			3307.00	
Perforations	21.00			3328.00	
Recorder	0.00	8400	Inside	3328.00	
Recorder	0.00	91986	Outside	3328.00	
Bullnose	5.00			3333.00	122.00 Bottom Packers & Anchor
Total Tool Length:	151.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

GILBERT STEWART OPERATING L.L.C

BIG RED#9

1801 BROADWAY 450
DENVER CO 80202

8-20-10

Job Ticket: 16639

DST#: 3

ATTN: DEREK PATTERSON

Test Start: 2008.12.10 @ 09:28:50

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 53.00 sec/qt

Water Loss: 7.99 in³

Resistivity: ohm.m

Salinity: 9000.00 ppm

Filter Cake: 0.10 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psia

Oil API:

Water Salinity: ppm

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
260.00	MUDDY WATER 25%M 75%W	1.461

Total Length: 260.00 ft Total Volume: 1.461 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: ON LOC AT 8:00PM TOOL LAID DOWN AT 9:00AM

DST Test Number: 3

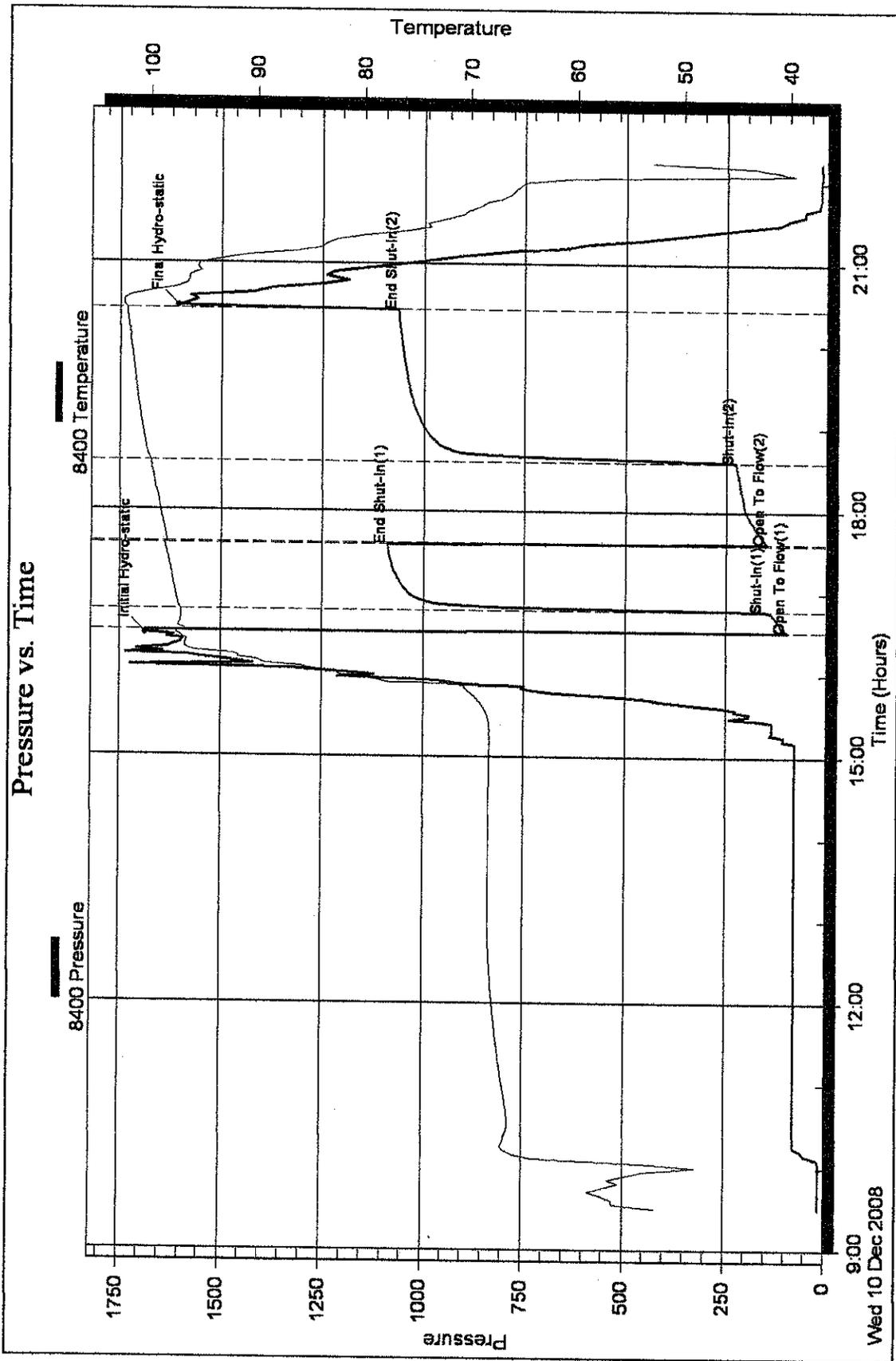
8-20-10

GILBERT STEWART OPERATING L.L.C

Inside

Serial #: 8400

Pressure vs. Time



Printed: 2008.12.11 @ 08:40:29

Ref. No: 16639

Superior Testers Enterprises LLC

DST Test Number: 3

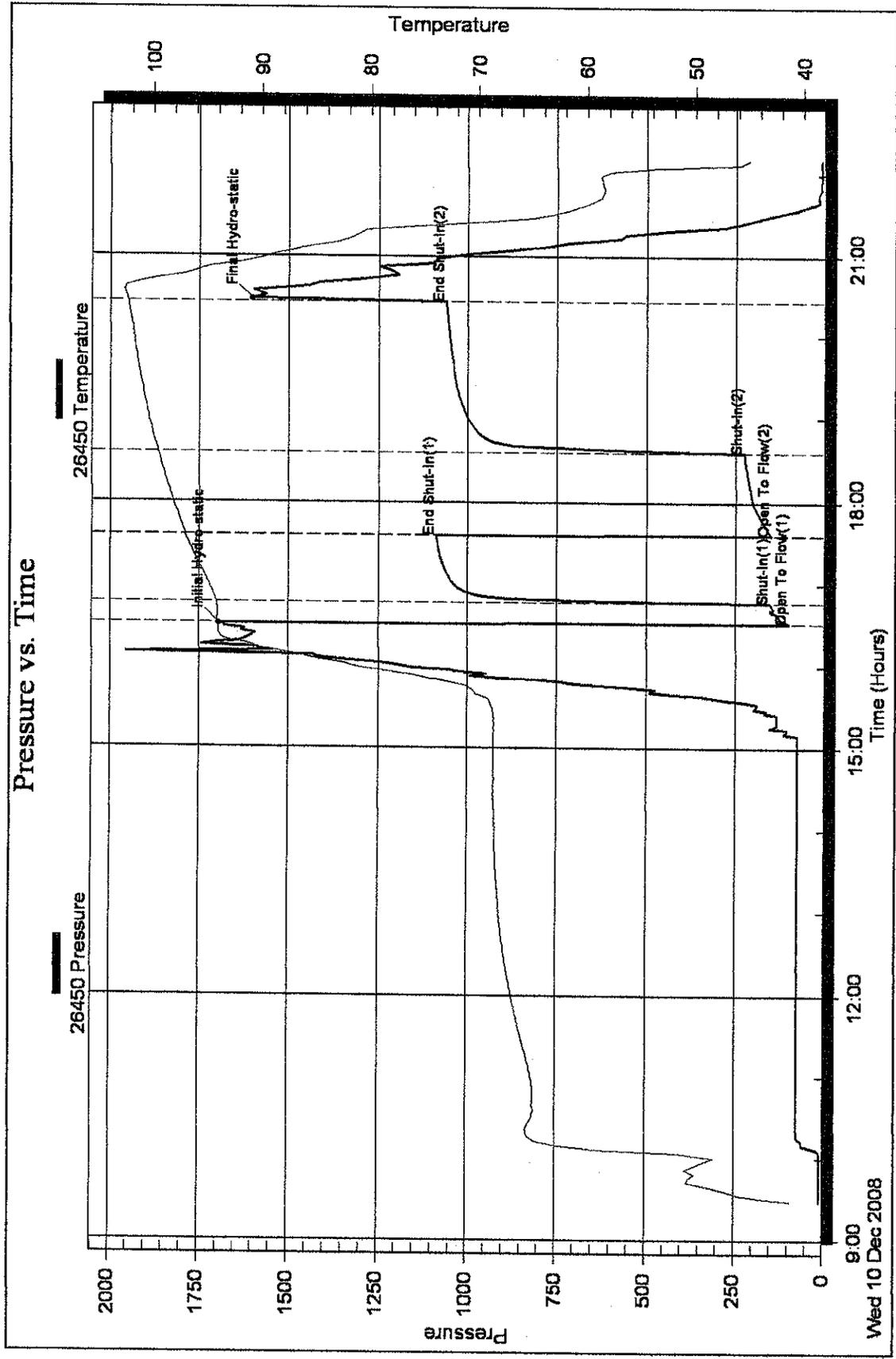
8-20-10

GILBERT STEWART OPERATING L.L.C

Outside

Serial #: 26450

Pressure vs. Time



Printed: 2008.12.11 @ 08:40:29

Ref. No: 16639

Superior Testers Enterprises LLC

Wed 10 Dec 2008



DRILL STEM TEST REPORT

Prepared For: **GILBERT STEWART OPERATING L.L.C**

1801 BROADWAY 450
DENVER CO 80202

ATTN: DEREK PATTERSON

8-20-10

BIG RED#9

Start Date: 2008.12.11 @ 03:55:31

End Date: 2008.12.11 @ 14:14:01

Job Ticket #: 16640 DST #: 4

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

Printed: 2008.12.11 @ 08:40:10

GILBERT STEWART OPERATING L.L.C

BIG RED#9

8-20-10

DST # 4

ARBUCKLE

2008.12.11



DRILL STEM TEST REPORT

GILBERT STEWART OPERATING L.L.C

BIG RED#9

1801 BROADWAY 450
DENVER CO 80202

8-20-10

ATTN: DEREK PATTERSON

Job Ticket: 16640

DST#: 4

Test Start: 2008.12.11 @ 03:55:31

GENERAL INFORMATION:

Formation: **ARBUCKLE**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:57:31

Time Test Ended: 14:14:01

Test Type: Conventional Bottom Hole (Initial)

Tester: DAVID NICHOLS

Unit No: 3345 39 M GB

Interval: **3334.00 ft (KB) To 3370.00 ft (KB) (TVD)**

Reference Elevations: 1821.00 ft (KB)

Total Depth: 3370.00 ft (KB) (TVD)

1812.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8400 Inside

Press@RunDepth: 434.49 psia @ 3365.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2008.12.11

End Date: 2008.12.11

Last Calib.: 2008.12.11

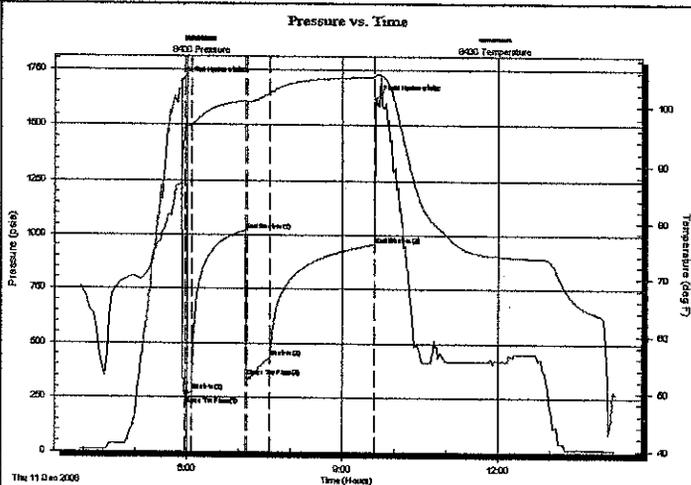
Start Time: 03:56:31

End Time: 14:14:01

Time On Btm: 2008.12.11 @ 05:53:31

Time Off Btm: 2008.12.11 @ 09:38:31

TEST COMMENT: 10-INITIAL OPENING STRONG BLOW BOTTOM BUCKET IN LESS 1 MIN
60-INITIAL SHUT IN FAIR BLOW BACK
30-FINAL OPENING STRONG BLOW BOTTOM OF THE BUCKET IN LESS 1 MIN
120-FINAL SHUT IN FAIR BLOW BACK



PRESSURE SUMMARY

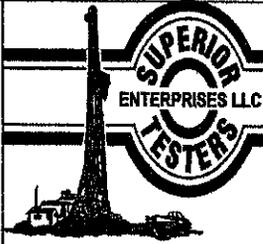
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1697.02	87.14	Initial Hydro-static
4	211.02	96.06	Open To Flow (1)
12	277.75	96.86	Shut-in(1)
74	1019.52	101.05	End Shut-in(1)
76	344.61	100.77	Open To Flow (2)
103	434.49	102.43	Shut-in(2)
224	957.43	105.21	End Shut-in(2)
225	1619.38	105.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	GAS IN PIPE	2.06
1080.00	MUD AND GAS CUT OIL	15.79

Gas Rates

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



DRILL STEM TEST REPORT

GILBERT STEWART OPERATING L.L.C

BIG RED#9

1801 BROADWAY 450
DENVER CO 80202

8-20-10

Job Ticket: 16640

DST#: 4

ATTN: DEREK PATTERSON

Test Start: 2008.12.11 @ 03:55:31

GENERAL INFORMATION:

Formation: **ARBUCKLE**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:57:31

Time Test Ended: 14:14:01

Test Type: Conventional Bottom Hole (Initial)

Tester: DAVID NICHOLS

Unit No: 3345 39 M GB

Interval: **3334.00 ft (KB) To 3370.00 ft (KB) (TVD)**

Total Depth: 3370.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1821.00 ft (KB)

1812.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 26450 Outside

Press@RunDepth: 956.60 psia @ 3365.00 ft (KB)

Start Date: 2008.12.11

End Date: 2008.12.11

Capacity: 5000.00 psia

Last Calib.: 2008.12.11

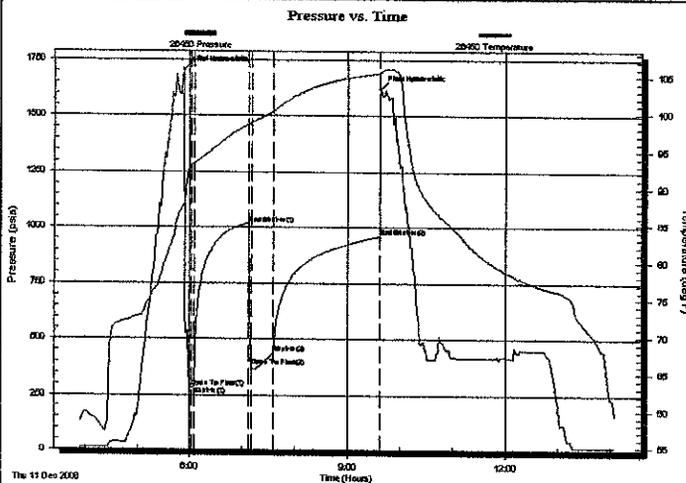
Start Time: 03:54:47

End Time: 14:06:28

Time On Btm: 2008.12.11 @ 05:53:28

Time Off Btm: 2008.12.11 @ 09:37:58

TEST COMMENT: 10-INITIAL OPENING STRONG BLOW BOTTOM BUCKET IN LESS 1 MIN
60-INITIAL SHUT IN FAIR BLOW BACK
30-FINAL OPENING STRONG BLOW BOTTOM OF THE BUCKET IN LESS 1 MIN
120-FINAL SHUT IN FAIR BLOW BACK



PRESSURE SUMMARY

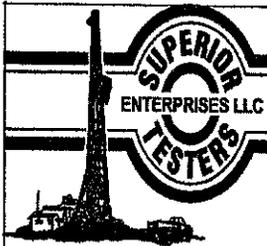
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1705.99	87.93	Initial Hydro-static
8	281.73	92.92	Open To Flow (1)
12	287.83	93.37	Shut-In(1)
74	1018.79	98.61	End Shut-In(1)
77	378.04	98.84	Open To Flow (2)
103	437.30	100.46	Shut-In(2)
224	956.60	105.42	End Shut-In(2)
225	1619.15	105.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	GAS IN PIPE	2.06
1080.00	MUD AND GAS CUT OIL	15.79

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

GILBERT STEWART OPERATING L.L.C

BIG RED#9

1801 BROADWAY 450
DENVER CO 80202

8-20-10

Job Ticket: 16640

DST#: 4

ATTN: DEREK PATTERSON

Test Start: 2008.12.11 @ 03:55:31

Tool Information

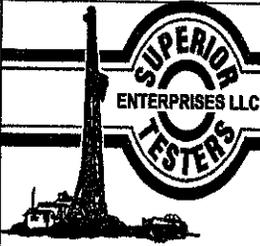
Drill Pipe:	Length: 3068.00 ft	Diameter: 3.88 inches	Volume: 44.87 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 46.05 bbl</u>	Tool Chased: 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3334.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	65.00 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			3306.00	
Shut-In Tool	5.00			3311.00	
Hydrolic Tool	5.00			3316.00	
Jars	6.00			3322.00	
Safety Joint	2.00			3324.00	
Packer	5.00			3329.00	29.00 Bottom Of Top Packer
Packer	5.00			3334.00	
Perforations	31.00			3365.00	
Recorder	0.00	8400	Inside	3365.00	
Recorder	0.00	91986	Outside	3365.00	
Bullnose	5.00			3370.00	36.00 Bottom Packers & Anchor

Total Tool Length: 65.00



DRILL STEM TEST REPORT

FLUID SUMMARY

GILBERT STEWART OPERATING L.L.C

BIG RED#9

1801 BROADWAY 450
DENVER CO 80202

8-20-10

Job Ticket: 16640

DST#: 4

ATTN: DEREK PATTERSON

Test Start: 2008.12.11 @ 03:55:31

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 9.19 in³

Resistivity: ohm.m

Salinity: 8800.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psia

Oil API:

36 deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
300.00	GAS IN PIPE	2.058
1080.00	MUD AND GAS CUT OIL	15.794

Total Length: 1380.00 ft Total Volume: 17.852 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 4

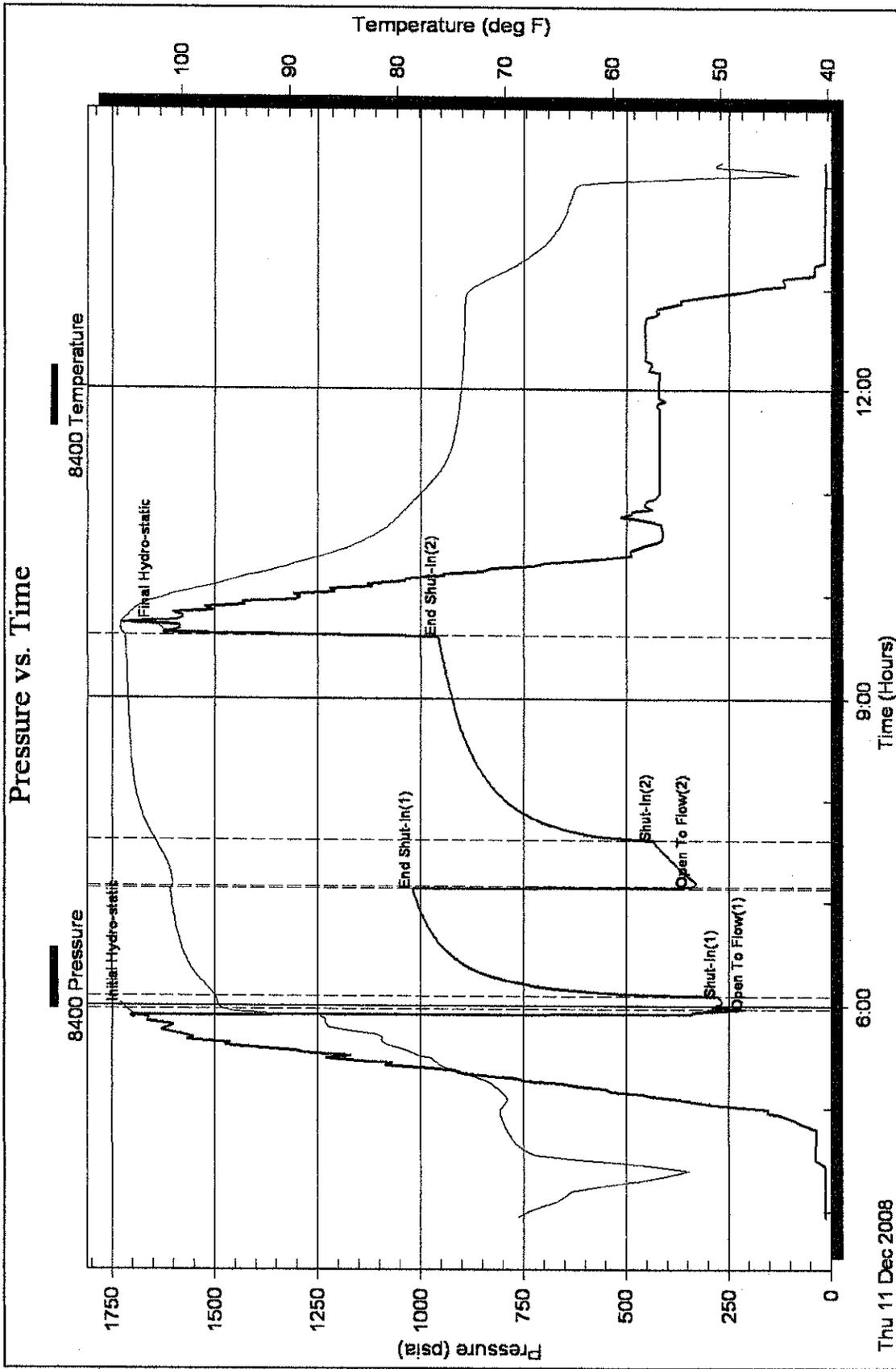
8-20-10

GILBERT STEWART OPERATING LLC

Inside

Serial #: 8400

Pressure vs. Time

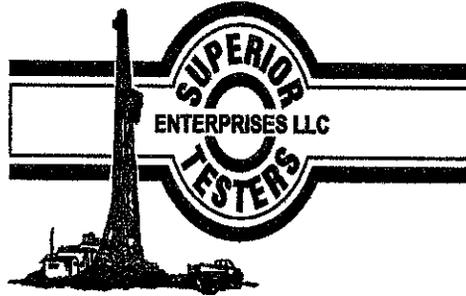


Thu 11 Dec 2008

Printed: 2008.12.11 @ 08:40:11

Ref. No: 16640

Superior Testers Enterprises LLC



DRILL STEM TEST REPORT

Prepared For: **GILBERT STEWART OPERATING L.L.C**

1801 BROADWAY 450
DENVER CO 80202

ATTN: DEREK PATTERSON

8-20-10

BIG RED#9

Start Date: 2008.12.11 @ 20:26:09

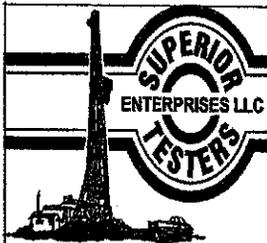
End Date: 2008.12.12 @ 03:49:09

Job Ticket #: 16641 DST #: 5

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

Printed: 2008.12.12 @ 16:26:25

GILBERT STEWART OPERATING L.L.C
BIG RED#9
8-20-10
DST # 5
ARBUCKLE
2008.12.11



DRILL STEM TEST REPORT

GILBERT STEWART OPERATING L.L.C

BIG RED#9

1801 BROADWAY 450
DENVER CO 80202

8-20-10

Job Ticket: 16641

DST#: 5

ATTN: DEREK PATTERSON

Test Start: 2008.12.11 @ 20:26:09

GENERAL INFORMATION:

Formation: **ARBUCKLE**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:08:39

Time Test Ended: 03:49:09

Test Type: Conventional Bottom Hole (Initial)

Tester: DAVID NICHOLS

Unit No: 3345 39 M GB

Interval: **3370.00 ft (KB) To 3377.00 ft (KB) (TVD)**

Total Depth: 3377.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1821.00 ft (KB)

1812.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8400 Inside

Press@RunDepth: 132.80 psia @ 3372.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2008.12.11

End Date: 2008.12.12

Last Calib.: 2008.12.11

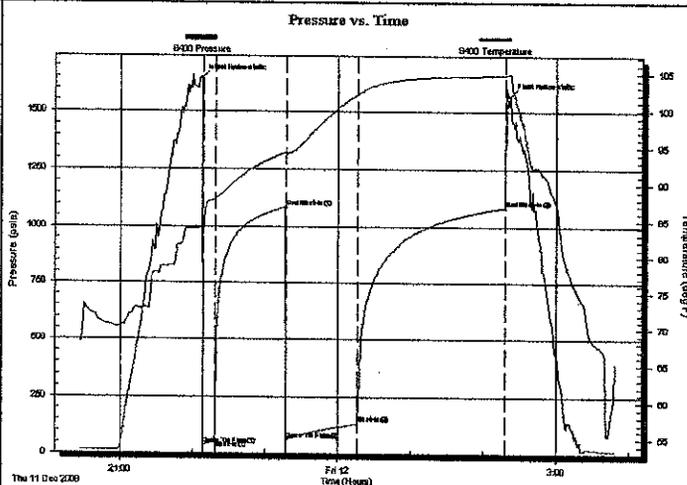
Start Time: 20:27:09

End Time: 03:49:09

Time On Btm: 2008.12.11 @ 22:07:09

Time Off Btm: 2008.12.12 @ 02:21:39

TEST COMMENT: 10-INITIAL OPENING WEAK BLOW BUILT TO 4 INCHES INTO WATER IN 10 MINS
60-INITIAL SHUT IN WEAK BLOW BACK
60-FINAL OPENING WEAK BLOW BUILT TO 11 INCHES INTO WATER IN 60 MINS
120-FINAL SHUT IN WEAK BLOW BACK



PRESSURE SUMMARY

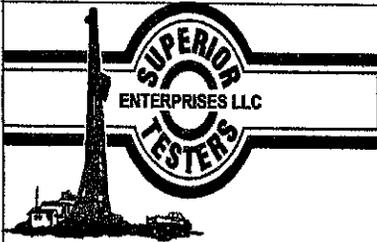
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1642.60	84.09	Initial Hydro-static
2	37.28	83.22	Open To Flow (1)
11	57.27	87.95	Shut-in(1)
70	1086.30	94.30	End Shut-in(1)
70	60.62	94.04	Open To Flow (2)
130	132.80	102.08	Shut-in(2)
251	1085.40	104.73	End Shut-in(2)
255	1566.02	104.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GAS IN PIPE	0.59
10.00	CLEAN OIL	0.05
230.00	MUD CUT WATER 15% M 85% W	2.30

Gas Rates

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



DRILL STEM TEST REPORT

GILBERT STEWART OPERATING L.L.C

BIG RED#9

1801 BROADWAY 450
DENVER CO 80202

8-20-10

Job Ticket: 16641

DST#: 5

ATTN: DEREK PATTERSON

Test Start: 2008.12.11 @ 20:26:09

GENERAL INFORMATION:

Formation: **ARBUCKLE**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:08:39

Time Test Ended: 03:49:09

Test Type: Conventional Bottom Hole (Initial)

Tester: DAVID NICHOLS

Unit No: 3345 39 M GB

Interval: **3370.00 ft (KB) To 3377.00 ft (KB) (TVD)**

Total Depth: 3377.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1821.00 ft (KB)

1812.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 26450 Outside

Press@RunDepth: 1085.03 psia @ 3372.00 ft (KB)

Start Date: 2008.12.11

End Date: 2008.12.12

Capacity: 5000.00 psia

Last Calib.: 2008.12.11

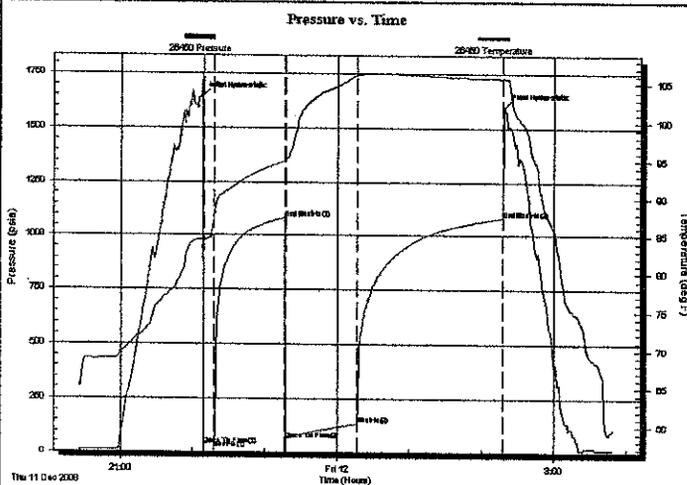
Start Time: 20:25:42

End Time: 03:49:53

Time On Btm: 2008.12.11 @ 22:07:23

Time Off Btm: 2008.12.12 @ 02:18:53

TEST COMMENT: 10-INITIAL OPENING WEAK BLOW BUILT TO 4 INCHES INTO WATER IN 10 MINS
60-INITIAL SHUT IN WEAK BLOW BACK
60-FINAL OPENING WEAK BLOW BUILT TO 11 INCHES INTO WATER IN 60 MINS
120-FINAL SHUT IN WEAK BLOW BACK



PRESSURE SUMMARY

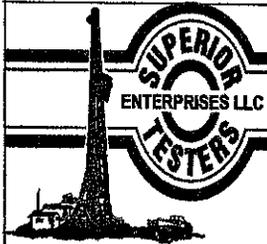
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1641.25	84.45	Initial Hydro-static
2	35.83	84.35	Open To Flow (1)
11	56.45	87.74	Shut-in(1)
69	1085.43	94.91	End Shut-in(1)
70	61.57	94.93	Open To Flow (2)
130	133.64	106.13	Shut-in(2)
250	1085.03	105.72	End Shut-in(2)
252	1598.12	105.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GAS IN PIPE	0.59
10.00	CLEAN OIL	0.05
230.00	MUD CUT WATER 15% M 85% W	2.30

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

GILBERT STEWART OPERATING L.L.C

BIG RED#9

1801 BROADWAY 450
DENVER CO 80202

8-20-10

Job Ticket: 16641

DST#: 5

ATTN: DEREK PATTERSON

Test Start: 2008.12.11 @ 20:26:09

Tool Information

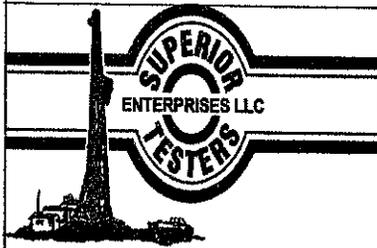
Drill Pipe:	Length: 3104.00 ft	Diameter: 3.88 inches	Volume: 45.39 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 50000.00 lb
		Total Volume:	46.57 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	3370.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	7.00 ft			
Tool Length:	36.00 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			3342.00	
Shut-In Tool	5.00			3347.00	
Hydraulic Tool	5.00			3352.00	
Jars	6.00			3358.00	
Safety Joint	2.00			3360.00	
Packer	5.00			3365.00	29.00 Bottom Of Top Packer
Packer	5.00			3370.00	
Perforations	2.00			3372.00	
Recorder	0.00	8400	Inside	3372.00	
Recorder	0.00	91986	Outside	3372.00	
Bullnose	5.00			3377.00	7.00 Bottom Packers & Anchor

Total Tool Length: 36.00



DRILL STEM TEST REPORT

FLUID SUMMARY

GILBERT STEWART OPERATING L.L.C

BIG RED#9

1801 BROADWAY 450
DENVER CO 80202

8-20-10

Job Ticket: 16641

DST#: 5

ATTN: DEREK PATTERSON

Test Start: 2008.12.11 @ 20:26:09

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 8.39 in³

Resistivity: ohm.m

Salinity: 7800.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psia

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	GAS IN PIPE	0.590
10.00	CLEAN OIL	0.049
230.00	MUD CUT WATER 15% M 85% W	2.296

Total Length: 360.00 ft

Total Volume: 2.935 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 5

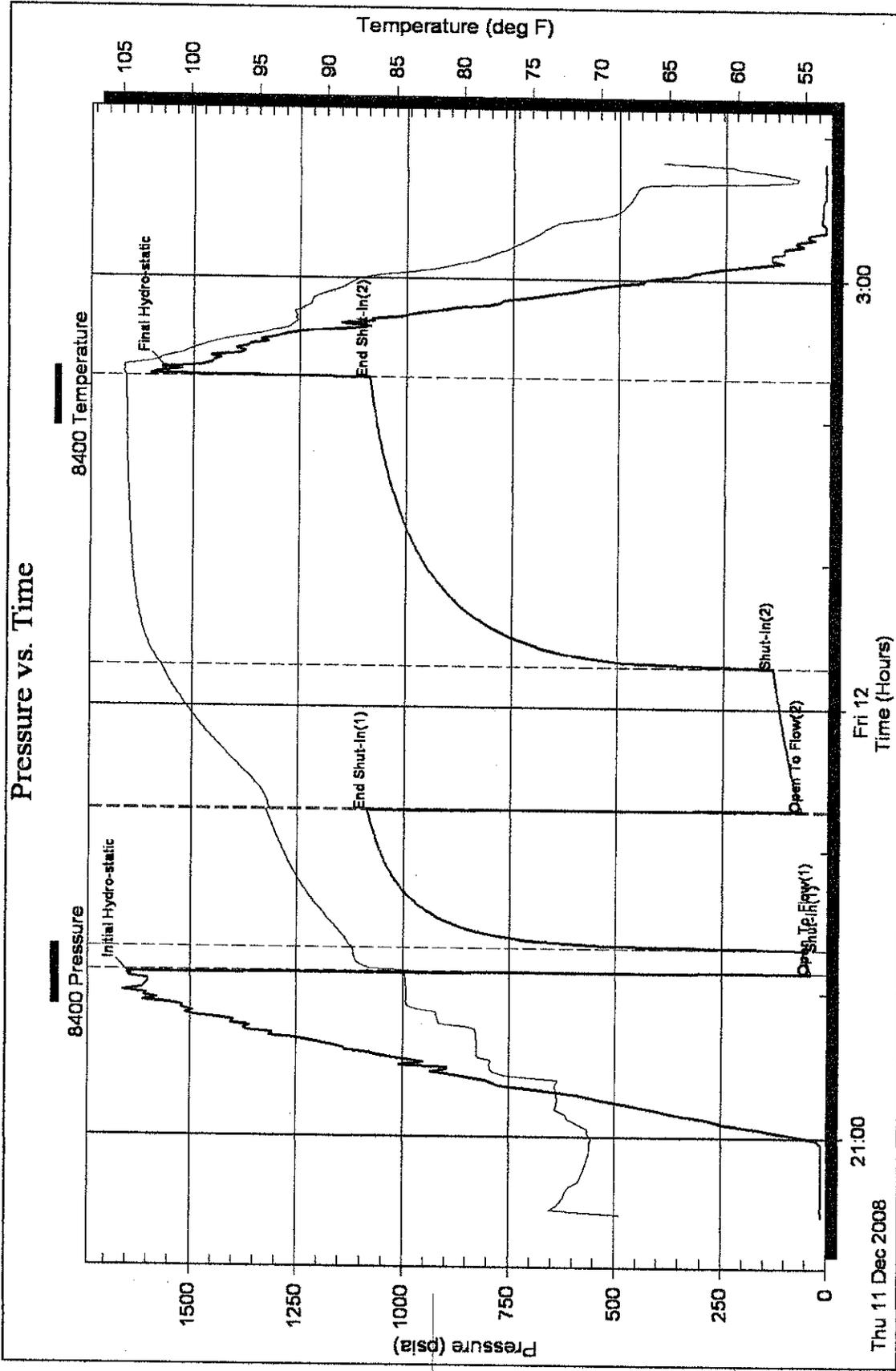
8-20-10

GILBERT STEWART OPERATING LLC

Inside

Serial #: 8400

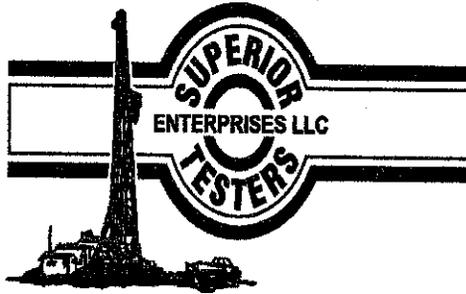
Pressure vs. Time



Printed: 2008.12.12 @ 16:26:26

Ref. No: 16641

Superior Testers Enterprises LLC



DRILL STEM TEST REPORT

Prepared For: **GILBERT-STEWART OPERATING LLC.**

1801 BROADWAY #450
DENVER CO. 80202

ATTN: DEREK PATTERSON

8-20S-10W RICE

BIG RED #9

Start Date: 2008.12.12 @ 04:19:20

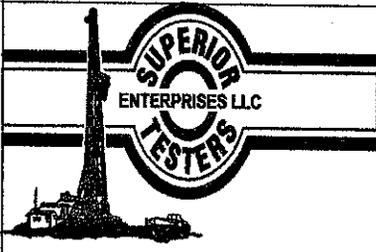
End Date: 2008.12.12 @ 11:58:20

Job Ticket #: 16175 DST #: 6

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

Printed: 2008.12.12 @ 16:24:40

GILBERT-STEWART OPERATING LLC. BIG RED #9 8-20S-10W RICE DST # 6 ARBUCKLE 2008.12.12



DRILL STEM TEST REPORT

GILBERT-STEWART OPERATING LLC.

BIG RED #9

1801 BROADWAY #450
DENVER CO. 80202

8-20S-10W RICE

Job Ticket: 16175

DST#: 6

ATTN: DEREK PATTERSON

Test Start: 2008.12.12 @ 04:19:20

GENERAL INFORMATION:

Formation: **ARBUCKLE**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:53:50

Time Test Ended: 11:58:20

Test Type: Conventional Bottom Hole (Initial)

Tester: FRANK ZAMARRIPA

Unit No: 3335 38M GB

Interval: **3377.00 ft (KB) To 3384.00 ft (KB) (TVD)**

Total Depth: 3384.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1821.00 ft (KB)

1812.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: **8405** Inside

Press@RunDepth: 245.08 psia @ 3380.00 ft (KB)

Start Date: 2008.12.12

End Date: 2008.12.12

Start Time: 04:21:20

End Time: 11:58:20

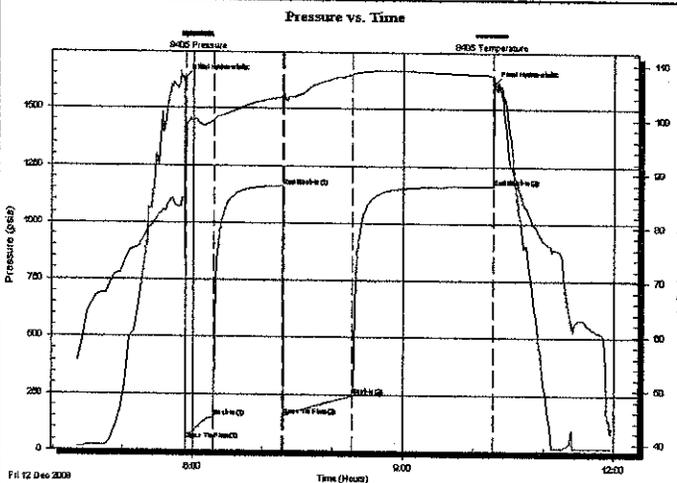
Capacity: 2000.00 psia

Last Calib.: 2008.12.12

Time On Btm: 2008.12.12 @ 05:52:50

Time Off Btm: 2008.12.12 @ 10:17:50

TEST COMMENT: 15-INITIAL OPEN:WEAK BUILDING BLOW BUILT TO 10 INCHES
60-INITIAL SHUT-IN:NO BLOW BACK
60-FINAL OPEN:WEAK BUILDING BLOW BUILT TO BOTTOM OF 5 GALLON BUCKET IN 35 MINUTES
120-FINAL SHUT-IN:NO BLOW BACK



PRESSURE SUMMARY

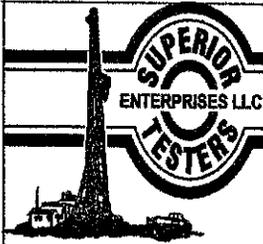
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1629.96	85.49	Initial Hydro-static
2	44.35	91.46	Open To Flow (1)
26	149.35	99.62	Shut-in(1)
84	1158.18	104.06	End Shut-in(1)
86	155.55	104.98	Open To Flow (2)
144	245.08	108.22	Shut-in(2)
264	1164.77	108.20	End Shut-in(2)
266	1609.64	107.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
360.00	WATER 100%	2.87
30.00	SLIGHT OIL CUT WATER 2% OIL 98% W/0.42t	
510.00	GAS IN PIPE 100%	7.19

Gas Rates

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



DRILL STEM TEST REPORT

GILBERT-STEWART OPERATING LLC.

BIG RED #9

1801 BROADWAY #450
DENVER CO. 80202

8-20S-10W RICE

Job Ticket: 16175

DST#: 6

ATTN: DEREK PATTERSON

Test Start: 2008.12.12 @ 04:19:20

GENERAL INFORMATION:

Formation: **ARBUCKLE**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:53:50

Time Test Ended: 11:58:20

Test Type: Conventional Bottom Hole (Initial)

Tester: FRANK ZAMARRIPA

Unit No: 3335 38M GB

Interval: **3377.00 ft (KB) To 3384.00 ft (KB) (TVD)**

Total Depth: 3384.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1821.00 ft (KB)

1812.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 4143

Outside

Press@RunDepth: 1161.31 psia @ 3381.00 ft (KB)

Capacity: 2000.00 psia

Start Date: 2008.12.12

End Date: 2008.12.12

Last Calib.: 2008.12.12

Start Time: 04:19:21

End Time: 11:55:36

Time On Btm:

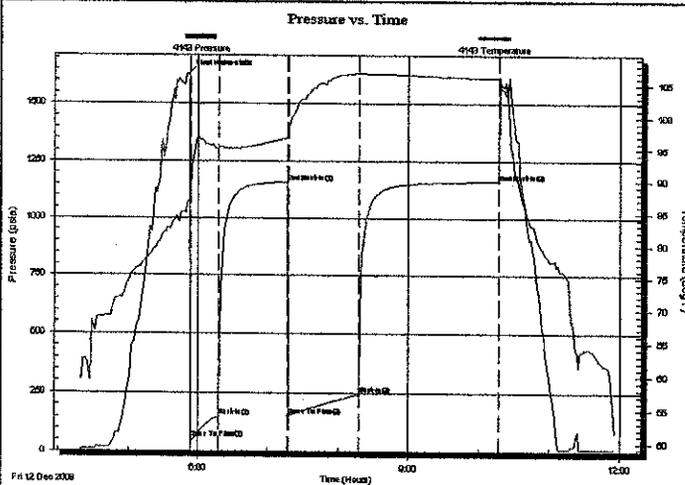
Time Off Btm: 2008.12.12 @ 05:51:36

TEST COMMENT: 15-INITIAL OPEN:WEAK BUILDING BLOW BUILT TO 10 INCHES

60-INITIAL SHUT-IN:NO BLOW BACK

60-FINAL OPEN:WEAK BUILDING BLOW BUILT TO BOTTOM OF 5 GALLON BUCKET IN 35 MINUTES

120-FINAL SHUT-IN:NO BLOW BACK



PRESSURE SUMMARY

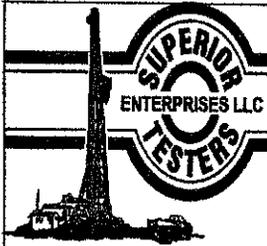
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1627.75	86.92	Final Hydro-static
2	56.16	88.09	Open To Flow (1)
26	148.01	95.09	Shut-In(1)
85	1158.16	96.80	End Shut-In(1)
86	154.45	97.63	Open To Flow (2)
146	244.65	106.84	Shut-In(2)
266	1161.31	106.11	End Shut-In(2)

Recovery

Length (ft)	Description	Volume (bbt)
360.00	WATER 100%	2.87
30.00	SLIGHT OIL CUT WATER 2% OIL 98% W/O.42%	
510.00	GAS IN PIPE 100%	7.19

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

GILBERT-STEWART OPERATING LLC.

BIG RED #9

1801 BROADWAY #450
DENVER CO. 80202

8-20S-10W RICE

Job Ticket: 16175

DST#: 6

ATTN: DEREK PATTERSON

Test Start: 2008.12.12 @ 04:19:20

Tool Information

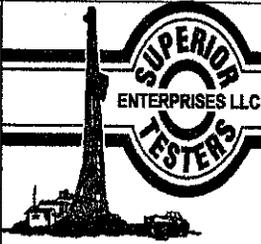
Drill Pipe:	Length: 3110.00 ft	Diameter: 3.81 inches	Volume: 43.86 bbl	Tool Weight: 20000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 45000.00 lb
			Total Volume: 45.04 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	2.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3377.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	7.00 ft			
Tool Length:	36.00 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			3349.00	
Shut-In Tool	5.00			3354.00	
Hydraulic Tool	5.00			3359.00	
Jars	6.00			3365.00	
Safety Joint	2.00			3367.00	
Packer	5.00			3372.00	29.00 Bottom Of Top Packer
Packer	5.00			3377.00	
Perforations	2.00			3379.00	
Recorder	1.00	8405	Inside	3380.00	
Recorder	1.00	4143	Outside	3381.00	
Bullnose	3.00			3384.00	7.00 Bottom Packers & Anchor

Total Tool Length: 36.00



DRILL STEM TEST REPORT

FLUID SUMMARY

GILBERT-STEWART OPERATING LLC.

BIG RED #9

1801 BROADWAY #450
DENVER CO. 80202

8-20S-10W RICE

Job Ticket: 16175

DST#: 6

ATTN: DEREK PATTERSON

Test Start: 2008.12.12 @ 04:19:20

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:

18000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 7800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
360.00	WATER 100%	2.872
30.00	SLIGHT OIL CUT WATER 2% OIL 98% WATER	0.423
510.00	GAS IN PIPE 100%	7.192

Total Length: 900.00 ft

Total Volume: 10.487 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

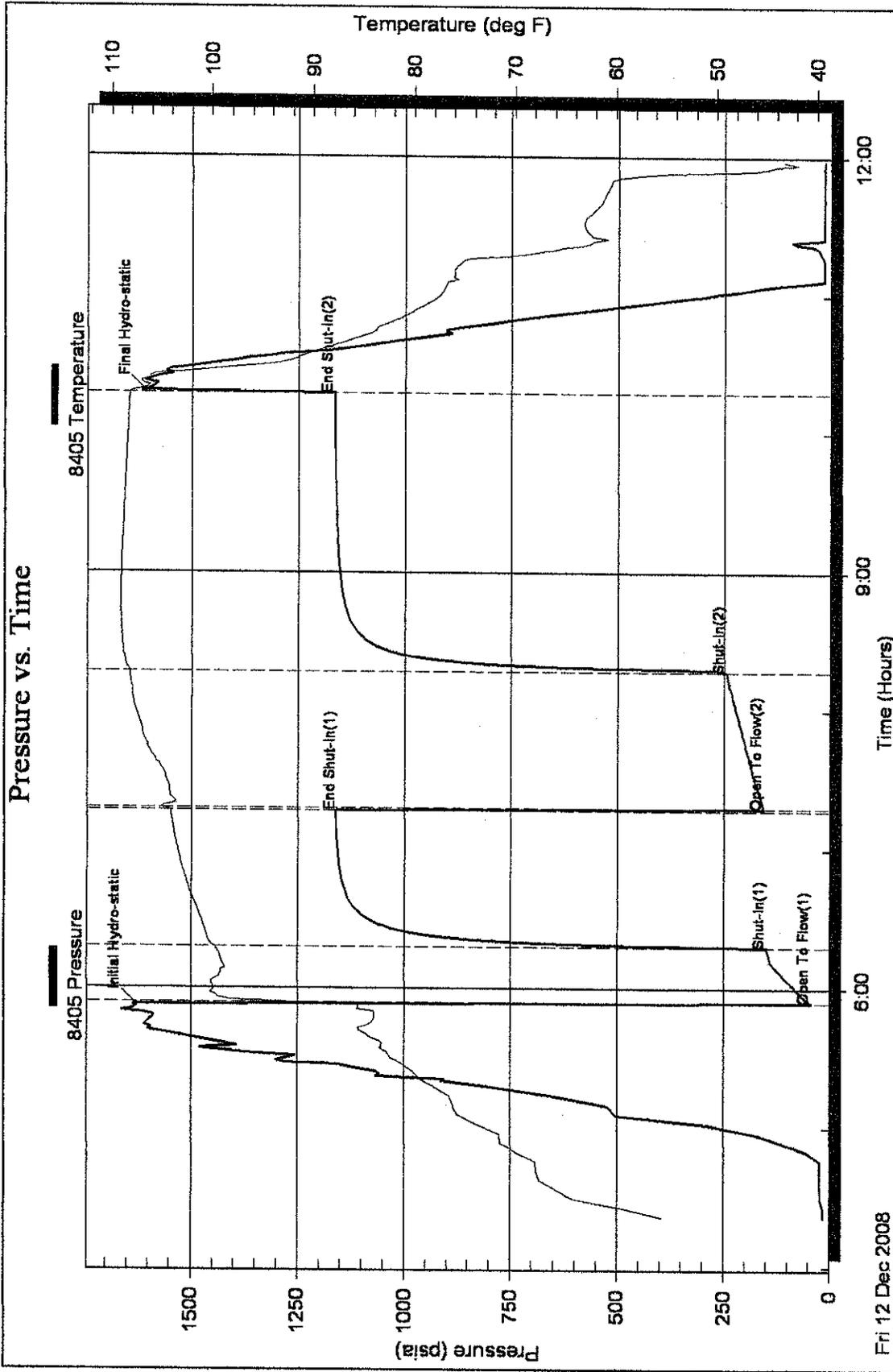
Serial #: 8405

Inside

GILBERT-STEWART OPERATING LLC.

8-20S-10W RICE

DST Test Number: 6



Printed: 2008.12.12 @ 16:24:41

Ref. No: 16175

Superior Testers Enterprises LLC

Serial #: 4143

Outside GILBERT-STEWART OPERATING LLC.

8-20S-10W RICE

DST Test Number: 6

