

22-20-12W



DRILL STEM TEST REPORT

Prepared For: **Gilbert Stewart Operating LLC**

1801 Broadway #450
Denver CO 80202

ATTN: Clayton Camozzi

22 20S 12W Barton KS

DDK #6

Start Date: 2007.01.22 @ 12:51:05

End Date: 2007.01.22 @ 20:41:20

Job Ticket #: 25898 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Gilbert Stewart Operating LLC

1801 Broadway #450
Denver CO 80202

ATTN: Clayton Camozzi

DDK #6

22 20S 12W Barton KS

Job Ticket: 25898

DST#: 1

Test Start: 2007.01.22 @ 12:51:05

GENERAL INFORMATION:

Formation: **Lancing**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:47:35

Time Test Ended: 20:41:20

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Interval: **3140.00 ft (KB) To 3208.00 ft (KB) (TVD)**

Total Depth: 3208.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1836.00 ft (KB)

1827.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6668

Inside

Press@RunDepth: 30.85 psig @ 3140.00 ft (KB)

Start Date: 2007.01.22

End Date:

2007.01.22

Capacity: 7000.00 psig

Last Calib.: 2007.01.22

Start Time: 12:51:10

End Time:

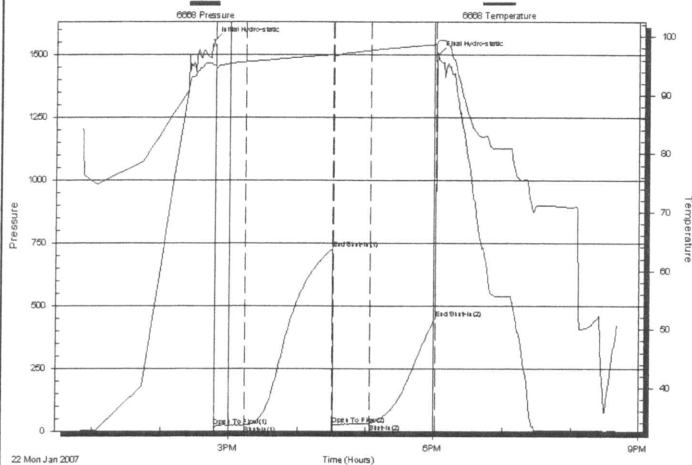
20:41:19

Time On Btm: 2007.01.22 @ 14:45:50

Time Off Btm: 2007.01.22 @ 18:02:50

TEST COMMENT: IF Weak blow Building to 1/2 " in 30 mins.
ISI Bled off No blow back
FF Weak blow Building to 1/2 " in 30 min.
Bled off No blow back

Pressure vs. Time



PRESSURE SUMMARY

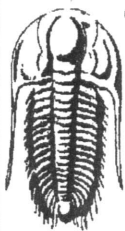
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1553.41	95.16	Initial Hydro-static
2	19.32	94.91	Open To Flow (1)
28	24.22	95.67	Shut-In (1)
105	725.67	96.92	End Shut-In (1)
105	25.97	96.66	Open To Flow (2)
138	30.85	97.66	Shut-In (2)
196	450.67	98.65	End Shut-In (2)
197	1500.27	99.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
31.00	Drilling mud w/ scum of Oil 100%M	0.43

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Gilbert Stewart Operating LLC

DDK #6

1801 Broadway #450
Denver CO 80202

22 20S 12W Barton KS

Job Ticket: 25898

DST#: 1

ATTN: Clayton Camozzi

Test Start: 2007.01.22 @ 12:51:05

Tool Information

Drill Pipe:	Length: 3150.00 ft	Diameter: 3.80 inches	Volume: 44.19 bbl	Tool Weight: 2100.00 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: 38000.00 lb
		Total Volume: 44.19 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3140.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	67.00 ft			
Tool Length:	87.00 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			3125.00	
Hydraulic tool	5.00			3130.00	
Packer	5.00			3135.00	20.00 Bottom Of Top Packer
Packer	5.00			3140.00	
Recorder	0.00	6668	Inside	3140.00	
Perforations	19.00			3159.00	
Change Over Sub	1.00			3160.00	
Drill Pipe	31.00			3191.00	
Change Over Sub	1.00			3192.00	
Perforations	12.00			3204.00	
Recorder	0.00	13266	Outside	3204.00	
Bullnose	3.00			3207.00	67.00 Bottom Packers & Anchor

Total Tool Length: 87.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Gilbert Stewart Operating LLC

DDK #6

1801 Broadway #450
Denver CO 80202

22 20S 12W Barton KS

Job Ticket: 25898

DST#: 1

ATTN: Clayton Camozzi

Test Start: 2007.01.22 @ 12:51:05

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: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.36 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	Drilling mud w/ scum of Oil 100%M	0.435

Total Length: 31.00 ft Total Volume: 0.435 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

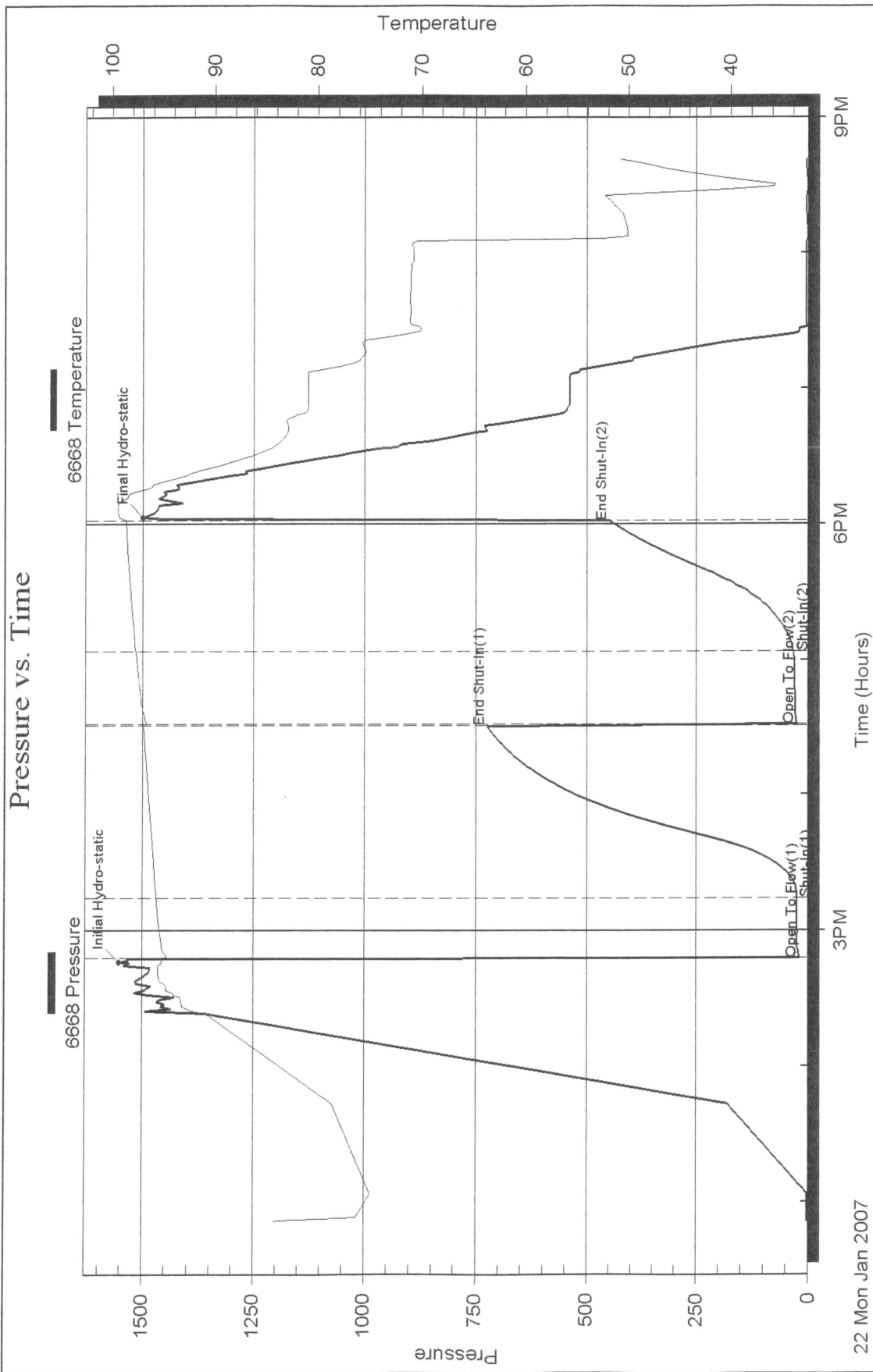
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Gilbert Stewart Operating LLC**

1801 Broadway #450
Denver CO 80202

ATTN: Clayton Camozzi

22 20S 12W Barton KS

DDK #6

Start Date: 2007.01.23 @ 22:00:34

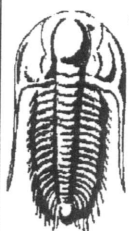
End Date: 2007.01.24 @ 04:58:04

Job Ticket #: 25899 DST #: 2

Trilobite Testing, Inc

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DRILL STEM TEST REPORT

Gilbert Stewart Operating LLC

1801 Broadway #450
Denver CO 80202

ATTN: Clayton Camozzi

DDK #6

22 20S 12W Barton KS

Job Ticket: 25899

DST#: 2

Test Start: 2007.01.23 @ 22:00:34

GENERAL INFORMATION:

Formation: **Lansing L & Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:58:04

Time Test Ended: 04:58:04

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Interval: **3366.00 ft (KB) To 3407.00 ft (KB) (TVD)**

Total Depth: 3407.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1836.00 ft (KB)

1827.00 ft (CF)

KB to GRVCF: 9.00 ft

Serial #: 6668

Inside

Press@RunDepth: 24.09 psig @ 3366.00 ft (KB)

Start Date: 2007.01.23

End Date:

2007.01.24

Start Time: 22:00:39

End Time:

04:58:03

Capacity: 7000.00 psig

Last Calib.: 2007.01.24

Time On Btm: 2007.01.23 @ 23:57:49

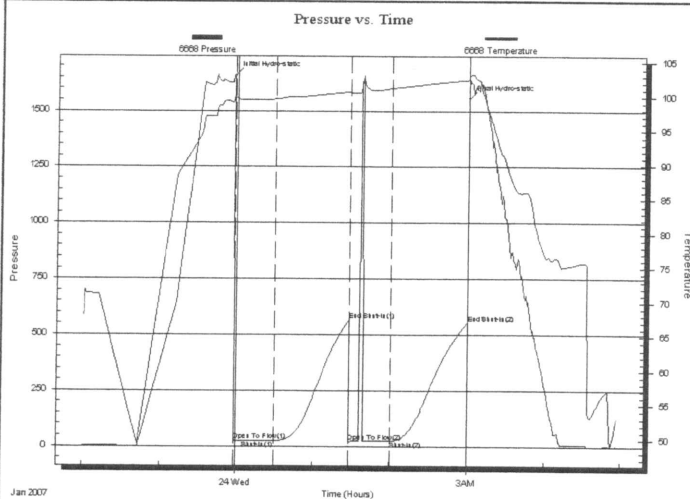
Time Off Btm: 2007.01.24 @ 03:00:18

TEST COMMENT: IF Weak blow Building to 1/8 " in 30 mins.

ISI Bled off No blow back

FF Opened tool No blow Flushed tool Weak blow Building to 1/8 " in 30 mins.

FSI Bled off No blow back



PRESSURE SUMMARY

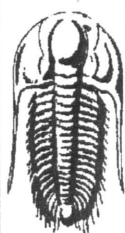
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1657.07	100.19	Initial Hydro-static
1	24.33	99.79	Open To Flow (1)
32	24.35	99.68	Shut-In(1)
90	563.56	100.72	End Shut-In(1)
91	21.51	100.51	Open To Flow(2)
123	24.09	101.25	Shut-In(2)
183	551.06	102.48	End Shut-In(2)
183	1556.40	102.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Oil Cut Mud 10%o 90% m	0.21

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Gilbert Stewart Operating LLC

DDK #6

1801 Broadway #450
Denver CO 80202

22 20S 12W Barton KS

Job Ticket: 25899

DST#: 2

ATTN: Clayton Camozzi

Test Start: 2007.01.23 @ 22:00:34

Tool Information

Drill Pipe:	Length: 3368.00 ft	Diameter: 3.80 inches	Volume: 47.24 bbl	Tool Weight:	2100.00 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:	50000.00 lb
		Total Volume:	47.24 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	3366.00 ft			Final	40000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	41.00 ft				
Tool Length:	61.00 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			3351.00	
Hydraulic tool	5.00			3356.00	
Packer	5.00			3361.00	20.00 Bottom Of Top Packer
Packer	5.00			3366.00	
Recorder	0.00	6668	Inside	3366.00	
Perforations	38.00			3404.00	
Recorder	0.00	13266	Outside	3404.00	
Bullnose	3.00			3407.00	41.00 Bottom Packers & Anchor

Total Tool Length: 61.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Gilbert Stewart Operating LLC

DDK #6

1801 Broadway #450
Denver CO 80202

22 20S 12W Barton KS

Job Ticket: 25899

DST#: 2

ATTN: Clayton Camozzi

Test Start: 2007.01.23 @ 22:00:34

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: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.56 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7300.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Oil Cut Mud 10%o 90%m	0.210

Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

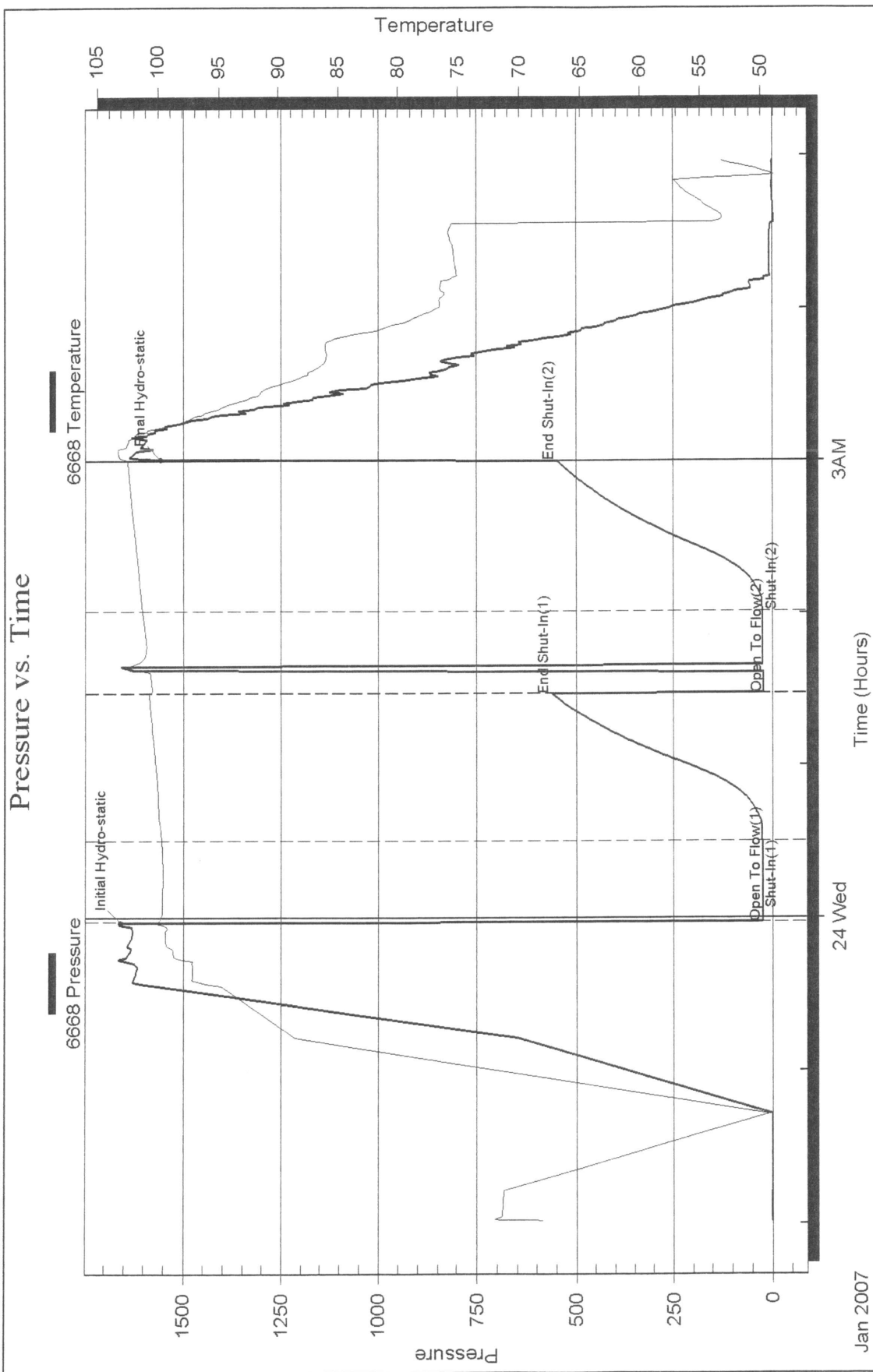
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Gilbert Stewart Operating LLC**

1801 Broadway #450
Denver CO 80202

ATTN: Clayton Camozzi

22 20S 12W Barton KS

DDK #6

Start Date: 2007.01.24 @ 12:12:50

End Date: 2007.01.24 @ 19:04:05

Job Ticket #: 25900 DST #: 3

Trilobite Testing, Inc

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DRILL STEM TEST REPORT

Gilbert Stewart Operating LLC

1801 Broadway #450
Denver CO 80202

ATTN: Clayton Camozzi

DDK #6

22 20S 12W Barton KS

Job Ticket: 25900

DST#: 3

Test Start: 2007.01.24 @ 12:12:50

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:52:50

Time Test Ended: 19:04:05

Test Type: Conventional Bottom Hole

Tester: Travy Cushenebry

Unit No: 30

Interval: **3406.00 ft (KB) To 3418.00 ft (KB) (TVD)**

Total Depth: 3418.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1836.00 ft (KB)

1827.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6668

Inside

Press@RunDepth: 20.95 psig @ 3406.00 ft (KB)

Start Date: 2007.01.24

End Date:

2007.01.24

Capacity: 7000.00 psig

Last Calib.: 2007.01.24

Start Time: 12:12:55

End Time:

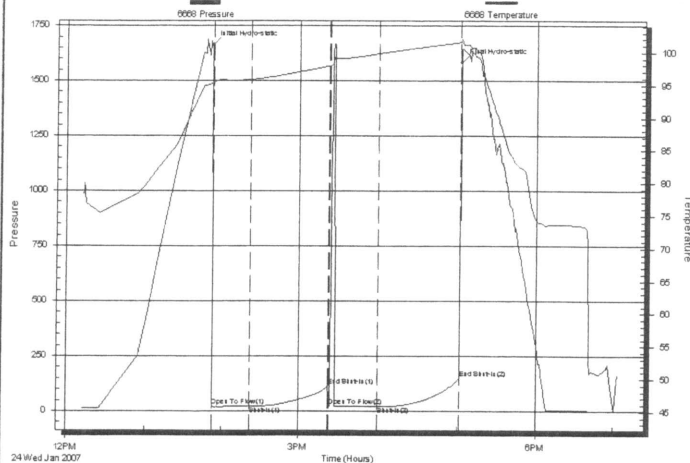
19:04:04

Time On Btm: 2007.01.24 @ 13:52:20

Time Off Btm: 2007.01.24 @ 17:02:04

TEST COMMENT: IF Weak blow Building to 1/8 " in 30 mins.
ISI Bled off No blow back
FF Opened tool No blow Flushed tool No blow
FSI Bled off No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1663.96	95.27	Initial Hydro-static
1	19.41	95.31	Open To Flow (1)
30	20.06	95.86	Shut-In (1)
91	111.91	97.99	End Shut-In (1)
91	20.47	97.97	Open To Flow (2)
128	20.95	99.84	Shut-In (2)
190	150.71	101.59	End Shut-In (2)
190	1583.77	101.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
8.00	Oil cut Mud 40%O 60%M	0.11

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gilbert Stewart Operating LLC

DDK #6

1801 Broadway #450
Denver CO 80202

22 20S 12W Barton KS

Job Ticket: 25900

DST#: 3

ATTN: Clayton Camozzi

Test Start: 2007.01.24 @ 12:12:50

Tool Information

Drill Pipe:	Length: 3399.00 ft	Diameter: 3.80 inches	Volume: 47.68 bbl	Tool Weight: 2100.00 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: 42000.00 lb
		Total Volume: 47.68 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3406.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	31.00 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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Shut In Tool	5.00			3391.00	
Hydraulic tool	5.00			3396.00	
Packer	5.00			3401.00	20.00 Bottom Of Top Packer
Packer	5.00			3406.00	
Recorder	0.00	6668	Inside	3406.00	
Perforations	8.00			3414.00	
Recorder	0.00	13266	Outside	3414.00	
Bullnose	3.00			3417.00	11.00 Bottom Packers & Anchor

Total Tool Length: 31.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Gilbert Stewart Operating LLC

DDK #6

1801 Broadway #450
Denver CO 80202

22 20S 12W Barton KS

Job Ticket: 25900

DST#: 3

ATTN: Clayton Camozzi

Test Start: 2007.01.24 @ 12:12:50

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 7.98 in³

Resistivity: ohm.m

Salinity: 6700.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
8.00	Oil cut Mud 40%O 60%M	0.112

Total Length: 8.00 ft Total Volume: 0.112 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

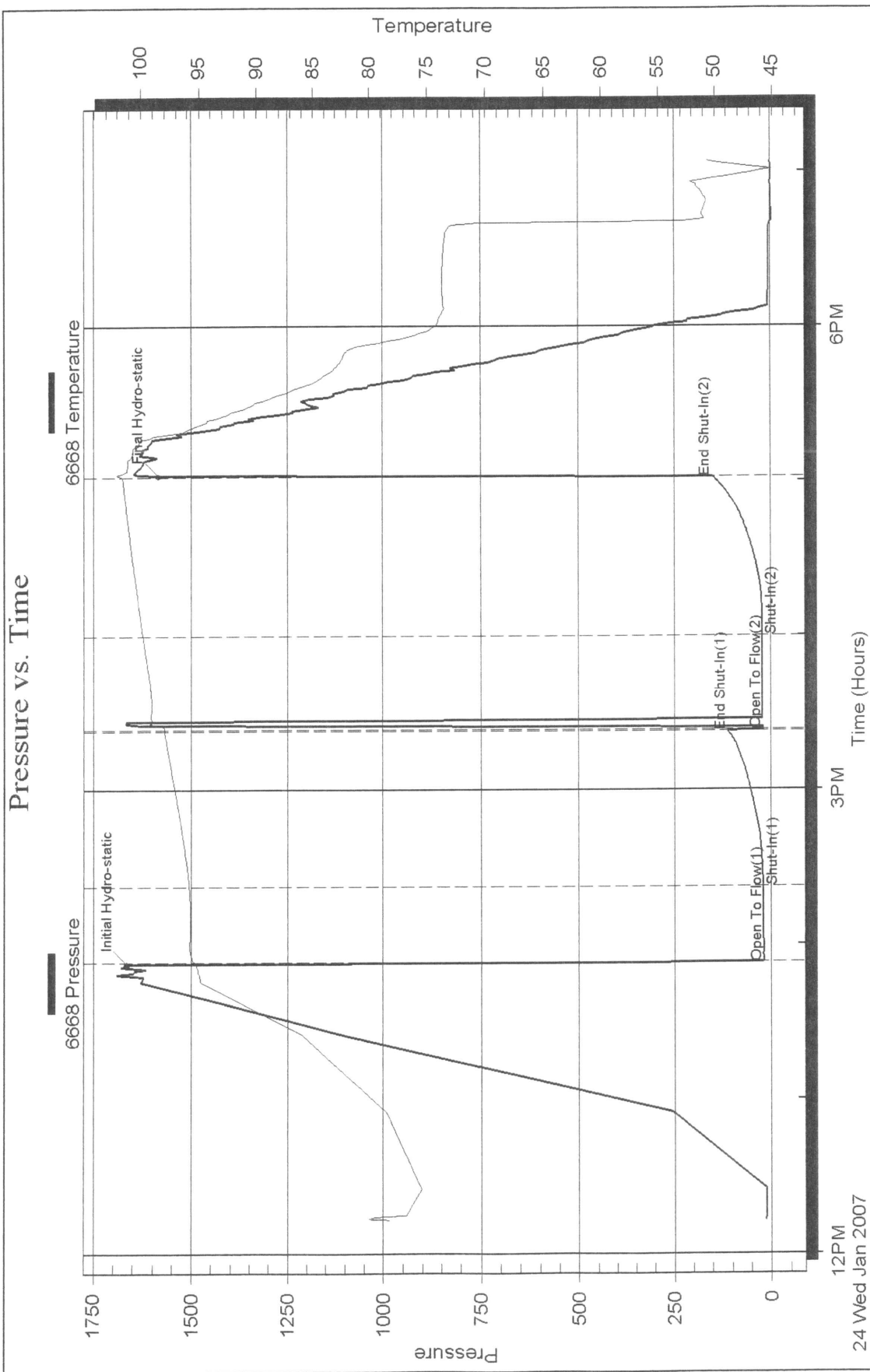
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Gilbert Stewart Operating LLC**

1801 Broadway #450
Denver CO 80202

ATTN: Clayton Camozzi

22 20S 12W Barton KS

DDK #6

Start Date: 2007.01.25 @ 01:45:51

End Date: 2007.01.25 @ 10:23:36

Job Ticket #: 27076 DST #: 4

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ph: 785-625-4778 fax: 785-625-5620



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DRILL STEM TEST REPORT

Gilbert Stewart Operating LLC

1801 Broadway #450
Denver CO 80202

ATTN: Clayton Camozzi

DDK #6

22 20S 12W Barton KS

Job Ticket: 27076

DST#: 4

Test Start: 2007.01.25 @ 01:45:51

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:54:06

Time Test Ended: 10:23:36

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Interval: **3418.00 ft (KB) To 3430.00 ft (KB) (TVD)**

Total Depth: 34.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1836.00 ft (KB)

1827.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: **6668** Inside

Press@RunDepth: 82.60 psig @ 3418.00 ft (KB)

Start Date: 2007.01.25

End Date:

2007.01.25

Capacity: 7000.00 psig

Last Calib.: 2007.01.25

Start Time: 01:45:56

End Time:

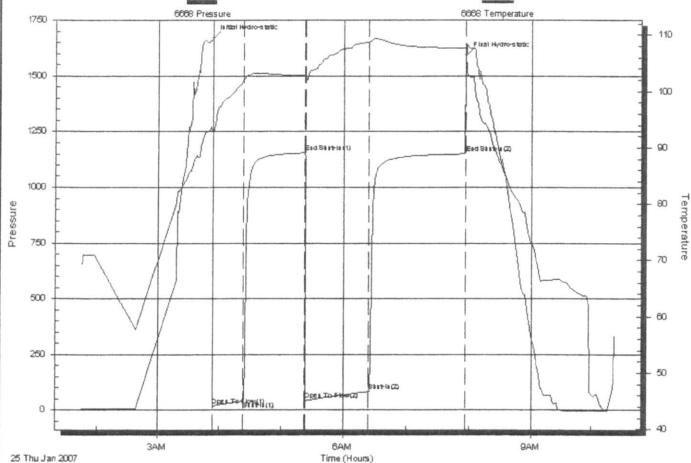
10:23:36

Time On Btm: 2007.01.25 @ 03:53:51

Time Off Btm: 2007.01.25 @ 07:56:35

TEST COMMENT: IF Weak blow Building to 6 " in 30 mins.
ISI Bled off No blow back
FF Weak blow Building to 9 " in 60 mins.
FSI Bled off No blow back

Pressure vs Time



PRESSURE SUMMARY

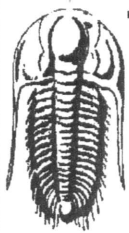
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1669.55	92.69	Initial Hydro-static
1	20.03	92.47	Open To Flow (1)
31	41.19	102.10	Shut-In(1)
89	1155.19	102.81	End Shut-In(1)
90	43.16	102.48	Open To Flow (2)
150	82.60	108.76	Shut-In(2)
243	1150.61	107.64	End Shut-In(2)
243	1590.95	107.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	Gassy Oil 4%G 96%O	0.87
62.00	Gassy Oil 30%G 70%O	0.87
62.00	GWOcutMud 6%G 34%O 10%W 50%M	0.87

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gilbert Stewart Operating LLC

DDK #6

1801 Broadway #450
Denver CO 80202

22 20S 12W Barton KS

Job Ticket: 27076

DST#: 4

ATTN: Clayton Camozzi

Test Start: 2007.01.25 @ 01:45:51

Tool Information

Drill Pipe:	Length: 3434.00 ft	Diameter: 3.80 inches	Volume: 48.17 bbl	Tool Weight: 2100.00 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: 40000.00 lb
		Total Volume: 48.17 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	36.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3418.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	32.00 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			3403.00	
Hydraulic tool	5.00			3408.00	
Packer	5.00			3413.00	20.00 Bottom Of Top Packer
Packer	5.00			3418.00	
Recorder	0.00	6668	Inside	3418.00	
Perforations	9.00			3427.00	
Recorder	0.00	13266	Outside	3427.00	
Bullnose	3.00			3430.00	12.00 Bottom Packers & Anchor

Total Tool Length: 32.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Gilbert Stewart Operating LLC

DDK #6

1801 Broadway #450
Denver CO 80202

22 20S 12W Barton KS

Job Ticket: 27076

DST#: 4

ATTN: Clayton Camozzi

Test Start: 2007.01.25 @ 01:45:51

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: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6700.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	Gassy Oil 4%G 96%O	0.870
62.00	Gassy Oil 30%G 70%O	0.870
62.00	GWOCutMud 6%G 34%O 10%W 50%M	0.870

Total Length: 186.00 ft

Total Volume: 2.610 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

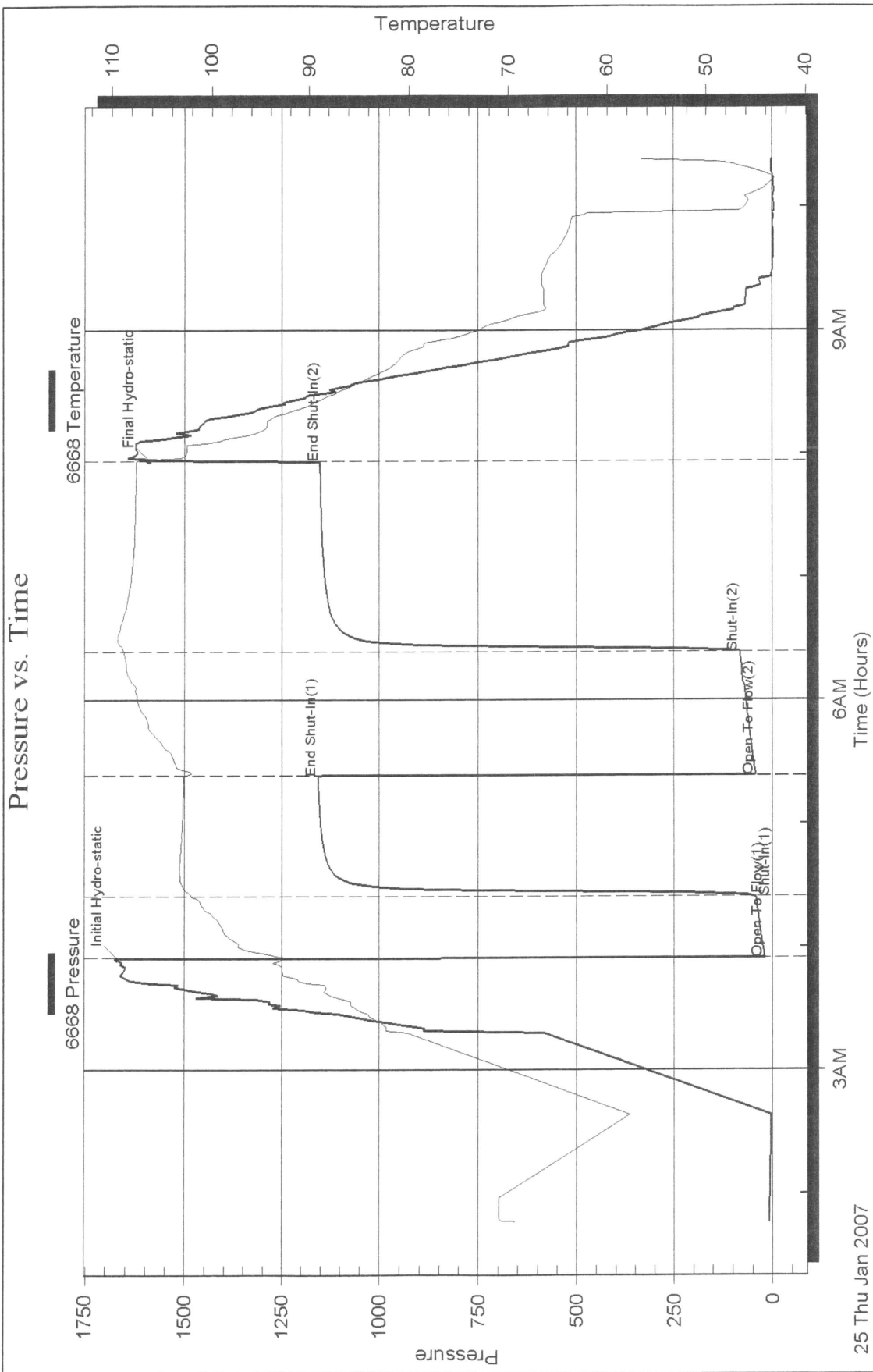
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Gilbert Stewart Operating LLC**

1801 Broadway #450
Denver CO 80202

ATTN: Clayton Camozzi

22 20S 12W Barton KS

DDK #6

Start Date: 2007.01.25 @ 01:06:56

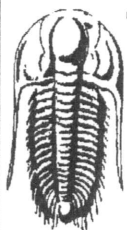
End Date: 2007.01.25 @ 09:46:41

Job Ticket #: 27077 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Gilbert Stewart Operating LLC

1801 Broadway #450
Denver CO 80202

ATTN: Clayton Camozzi

DDK #6

22 20S 12W Barton KS

Job Ticket: 27077

DST#: 5

Test Start: 2007.01.25 @ 01:06:56

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:06:26

Time Test Ended: 09:46:41

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Interval: **3428.00 ft (KB) To 3435.00 ft (KB) (TVD)**

Total Depth: 3435.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1836.00 ft (KB)

1827.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6668

Inside

Press@RunDepth: 90.51 psig @ 3428.00 ft (KB)

Start Date: 2007.01.25

End Date:

2007.01.25

Start Time: 13:07:01

End Time:

21:46:41

Capacity: 7000.00 psig

Last Calib.: 2007.01.26

Time On Btm: 2007.01.25 @ 15:05:56

Time Off Btm: 2007.01.25 @ 19:31:25

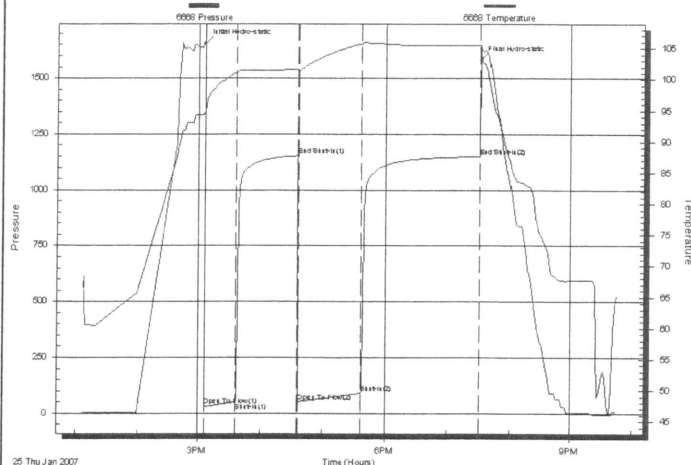
TEST COMMENT: IF Weak blow Building to 7 " in 30 mins.

ISI Bled off No blow back

FF Weak blow BOB in mins.

FSI Bled off No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1656.20	94.38	Initial Hydro-static
1	32.15	94.44	Open To Flow (1)
30	48.80	101.15	Shut-In(1)
91	1152.67	101.67	End Shut-In(1)
91	51.78	101.40	Open To Flow (2)
151	90.51	105.75	Shut-In(2)
265	1150.24	105.54	End Shut-In(2)
266	1580.73	105.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	Gassy Oil 4%G 96%O	0.87
62.00	Gassy Oil 6%G 94%O	0.87
62.00	Gassy Mud Cut Oil 5%G 45%O 50%M	0.87

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gilbert Stewart Operating LLC

DDK #6

1801 Broadway #450
Denver CO 80202

22 20S 12W Barton KS

Job Ticket: 27077

DST#: 5

ATTN: Clayton Camozzi

Test Start: 2007.01.25 @ 01:06:56

Tool Information

Drill Pipe:	Length: 3416.00 ft	Diameter: 3.80 inches	Volume: 47.92 bbl	Tool Weight: 2100.00 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: 55000.00 lb
		Total Volume: 47.92 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3428.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	6.00 ft			
Tool Length:	26.00 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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Shut In Tool	5.00			3413.00	
Hydraulic tool	5.00			3418.00	
Packer	5.00			3423.00	20.00 Bottom Of Top Packer
Packer	5.00			3428.00	
Recorder	0.00	6668	Inside	3428.00	
Perforations	4.00			3432.00	
Recorder	0.00	13266	Outside	3432.00	
Bullnose	2.00			3434.00	6.00 Bottom Packers & Anchor

Total Tool Length: 26.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Gilbert Stewart Operating LLC

DDK #6

1801 Broadway #450
Denver CO 80202

22 20S 12W Barton KS

Job Ticket: 27077

DST#: 5

ATTN: Clayton Camozzi

Test Start: 2007.01.25 @ 01:06:56

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 8.38 in³

Resistivity: ohm.m

Salinity: 6800.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	Gassy Oil 4%G 96%O	0.870
62.00	Gassy Oil 6%G 94%O	0.870
62.00	Gassy Mud Cut Oil 5%G 45%O 50%M	0.870

Total Length: 186.00 ft

Total Volume: 2.610 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

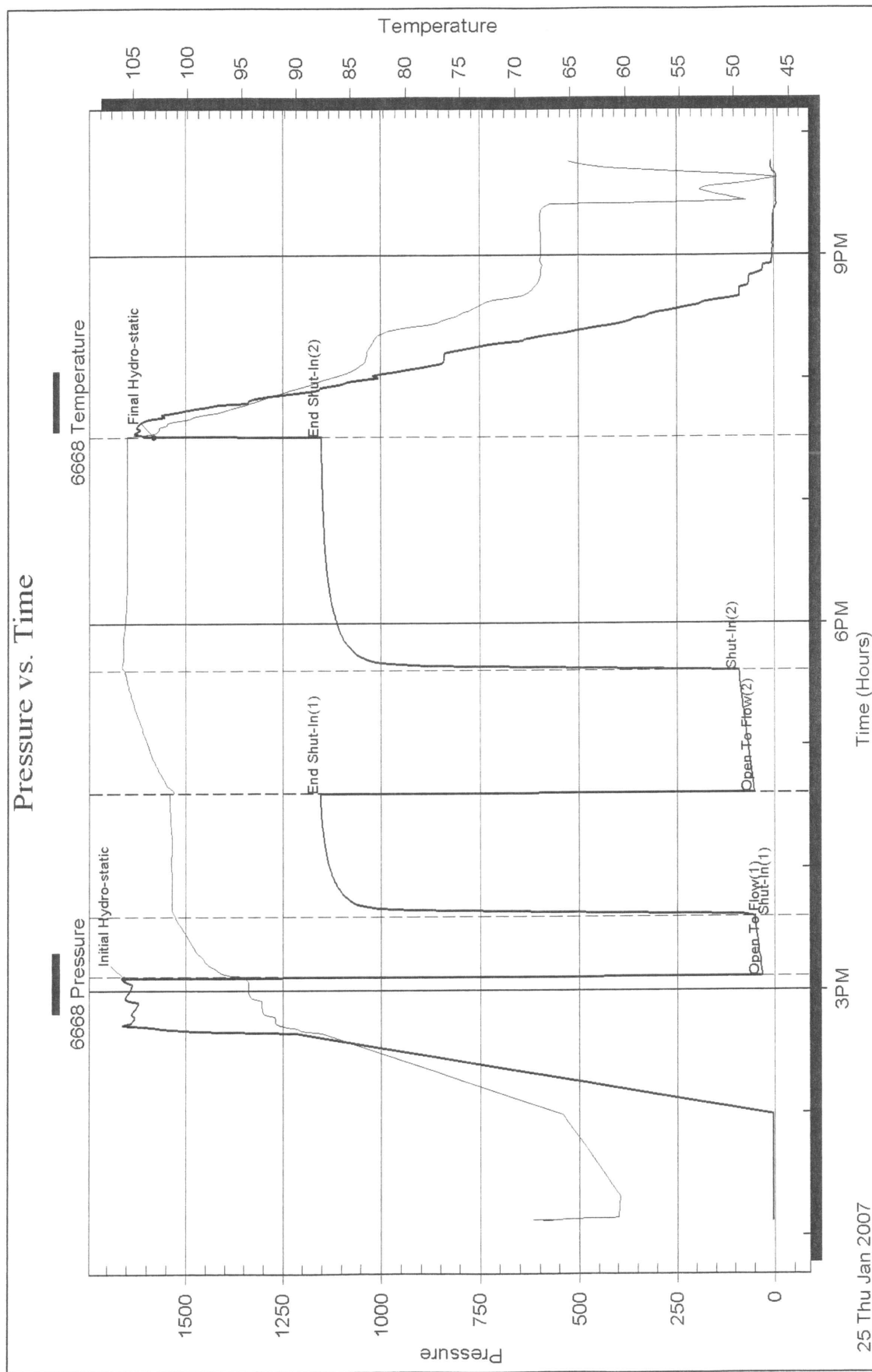
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Gilbert Stewart Operating LLC**

1801 Broadway #450
Denver CO 80202

ATTN: Clayton Camozzi

22 20S 12W Barton KS

DDK #6

Start Date: 2007.01.26 @ 17:11:43

End Date: 2007.01.27 @ 00:05:13

Job Ticket #: 27078 DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Gilbert Stewart Operating LLC

1801 Broadway #450
Denver CO 80202

ATTN: Clayton Camozzi

DDK #6

22 20S 12W Barton KS

Job Ticket: 27078

DST#: 6

Test Start: 2007.01.26 @ 17:11:43

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:58:58

Time Test Ended: 00:05:13

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Interval: **3434.00 ft (KB) To 3445.00 ft (KB) (TVD)**

Total Depth: 3445.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1836.00 ft (KB)

1827.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6668

Inside

Press@RunDepth: 115.05 psig @ 3434.00 ft (KB)

Start Date: 2007.01.26

End Date:

2007.01.27

Start Time: 17:11:48

End Time:

00:05:12

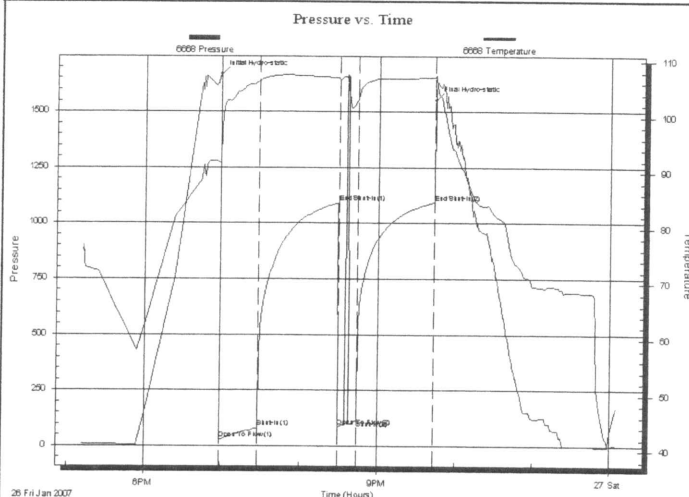
Capacity: 7000.00 psig

Last Calib.: 2007.01.27

Time On Btm: 2007.01.26 @ 18:58:43

Time Off Btm: 2007.01.26 @ 21:43:42

TEST COMMENT: IF Tool opened No blow
ISI No blow back
FF Tool opened No blow
FSI No blow back



PRESSURE SUMMARY

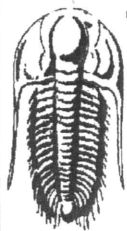
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1665.55	91.87	Initial Hydro-static
1	28.18	92.21	Open To Flow (1)
30	79.79	106.39	Shut-In (1)
91	1090.44	107.08	End Shut-In (1)
91	85.25	106.60	Open To Flow (2)
106	115.05	103.28	Shut-In (2)
165	1092.57	107.12	End Shut-In (2)
165	1551.39	107.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	Gassy Oil 10%G 90%O	2.61
62.00	OCGM 40%G 20%O 40%M	0.87

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gilbert Stewart Operating LLC

DDK #6

1801 Broadway #450
Denver CO 80202

22 20S 12W Barton KS

Job Ticket: 27078

DST#: 6

ATTN: Clayton Camozzi

Test Start: 2007.01.26 @ 17:11:43

Tool Information

Drill Pipe:	Length: 3431.00 ft	Diameter: 3.80 inches	Volume: 48.13 bbl	Tool Weight:	2100.00 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:	50000.00 lb
		Total Volume:	48.13 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial	36000.00 lb
Depth to Top Packer:	3434.00 ft			Final	36000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	10.00 ft				
Tool Length:	30.00 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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Shut In Tool	5.00			3419.00	
Hydraulic tool	5.00			3424.00	
Packer	5.00			3429.00	20.00 Bottom Of Top Packer
Packer	5.00			3434.00	
Recorder	0.00	6668	Inside	3434.00	
Perforations	8.00			3442.00	
Recorder	0.00	13266	Outside	3442.00	
Bullnose	2.00			3444.00	10.00 Bottom Packers & Anchor

Total Tool Length: 30.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Gilbert Stewart Operating LLC

DDK #6

1801 Broadway #450
Denver CO 80202

22 20S 12W Barton KS

Job Ticket: 27078

DST#: 6

ATTN: Clayton Camozzi

Test Start: 2007.01.26 @ 17:11:43

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 40.00 sec/qt

Water Loss: 8.38 in³

Resistivity: ohm.m

Salinity: 6500.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity:

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	Gassy Oil 10%G 90%O	2.609
62.00	OCGM 40%G 20%O 40%M	0.870

Total Length: 248.00 ft Total Volume: 3.479 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

