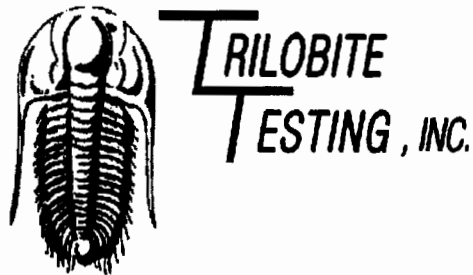


15-109-20793

18-115-34w



DRILL STEM TEST REPORT

Prepared For: **Norstar Petroleum**

6855 S Havana St Ste 250
Centennial CO 80112

ATTN: Bob Elder

18 11 34 Logan KS

Taylor #1-18

Start Date: 2007.11.28 @ 01:11:05

End Date: 2007.11.28 @ 10:20:00

Job Ticket #: 29514 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

Norstar Petroleum

6855 S Havana St Ste 250
Centennial CO 80112

ATTN: Bob Elder

Taylor #1-18

18 11 34 Logan KS

Job Ticket: 29514

DST#: 1

Test Start: 2007.11.28 @ 01:11:05

GENERAL INFORMATION:

Formation: **B-C-D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:11:00

Time Test Ended: 10:20:00

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 40

Interval: **4157.00 ft (KB) To 4210.00 ft (KB) (TVD)**

Total Depth: 4210.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3246.00 ft (KB)

3236.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6667

Inside

Press@RunDepth: 292.71 psig @ 4158.00 ft (KB)

Start Date: 2007.11.28

End Date:

2007.11.28

Start Time: 01:11:05

End Time:

10:10:30

Capacity: 7000.00 psig

Last Calib.: 2007.11.28

Time On Btrn: 2007.11.28 @ 04:10:30

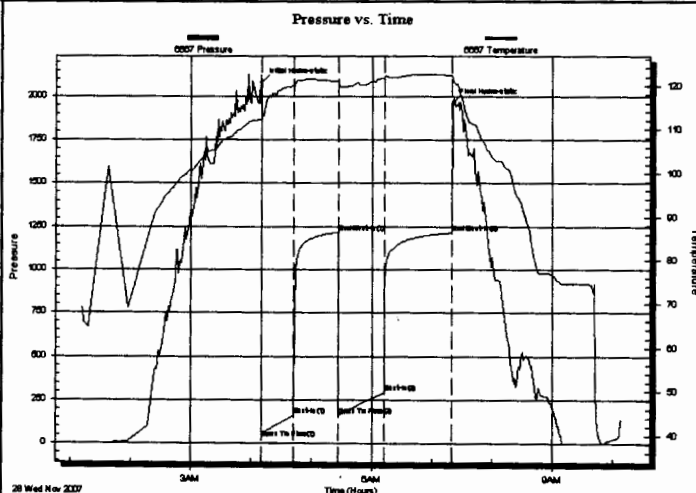
Time Off Btrn: 2007.11.28 @ 07:21:00

TEST COMMENT: 1" @ open BOB in 16 min.

No return

BOB in 21 min.

No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2079.62	112.46	Initial Hydro-static
1	29.36	112.57	Open To Flow (1)
32	160.09	119.68	Shut-In (1)
77	1218.25	120.98	End Shut-In (1)
77	163.57	120.48	Open To Flow (2)
122	292.71	121.74	Shut-In (2)
190	1214.06	122.40	End Shut-In (2)
191	1963.76	121.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
372.00	100%W	4.10
124.00	MCW 30%M 70%W	1.74
112.00	WCM 35%W 65%M	1.57

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Norstar Petroleum

Taylor #1-18

6855 S Havana St Ste 250
Centennial CO 80112

18 11 34 Logan KS

ATTN: Bob Elder

Job Ticket: 29514

DST#:1

Test Start: 2007.11.28 @ 01:11:05

Tool Information

Drill Pipe:	Length: 4022.00 ft	Diameter: 3.80 inches	Volume: 56.42 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 75000.00 lb
		Total Volume:	57.02 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4157.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	53.00 ft			
Tool Length:	80.00 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			4131.00	
Shut In Tool	5.00			4136.00	
Hydraulic tool	5.00			4141.00	
Jars	5.00			4146.00	
Safety Joint	2.00			4148.00	
Packer	5.00			4153.00	27.00 Bottom Of Top Packer
Packer	4.00			4157.00	
Stubb	1.00			4158.00	
Recorder	0.00	6667	Inside	4158.00	
Recorder	0.00	6771	Outside	4158.00	
Perforations	14.00			4172.00	
Change Over Sub	1.00			4173.00	
Drill Pipe	31.00			4204.00	
Change Over Sub	1.00			4205.00	
Bullnose	5.00			4210.00	53.00 Bottom Packers & Anchor

Total Tool Length: 80.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum

Taylor #1-18

6855 S Havana St Ste 250
Centennial CO 80112

18 11 34 Logan KS

Job Ticket: 29514

DST#: 1

ATTN: Bob Elder

Test Start: 2007.11.28 @ 01:11:05

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

64000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.91 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
372.00	100%W	4.098
124.00	MCW 30%M 70%W	1.739
112.00	WCM 35%W 65%M	1.571

Total Length: 608.00 ft

Total Volume:

7.408 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .150 @ 54°F =64,000 chlor

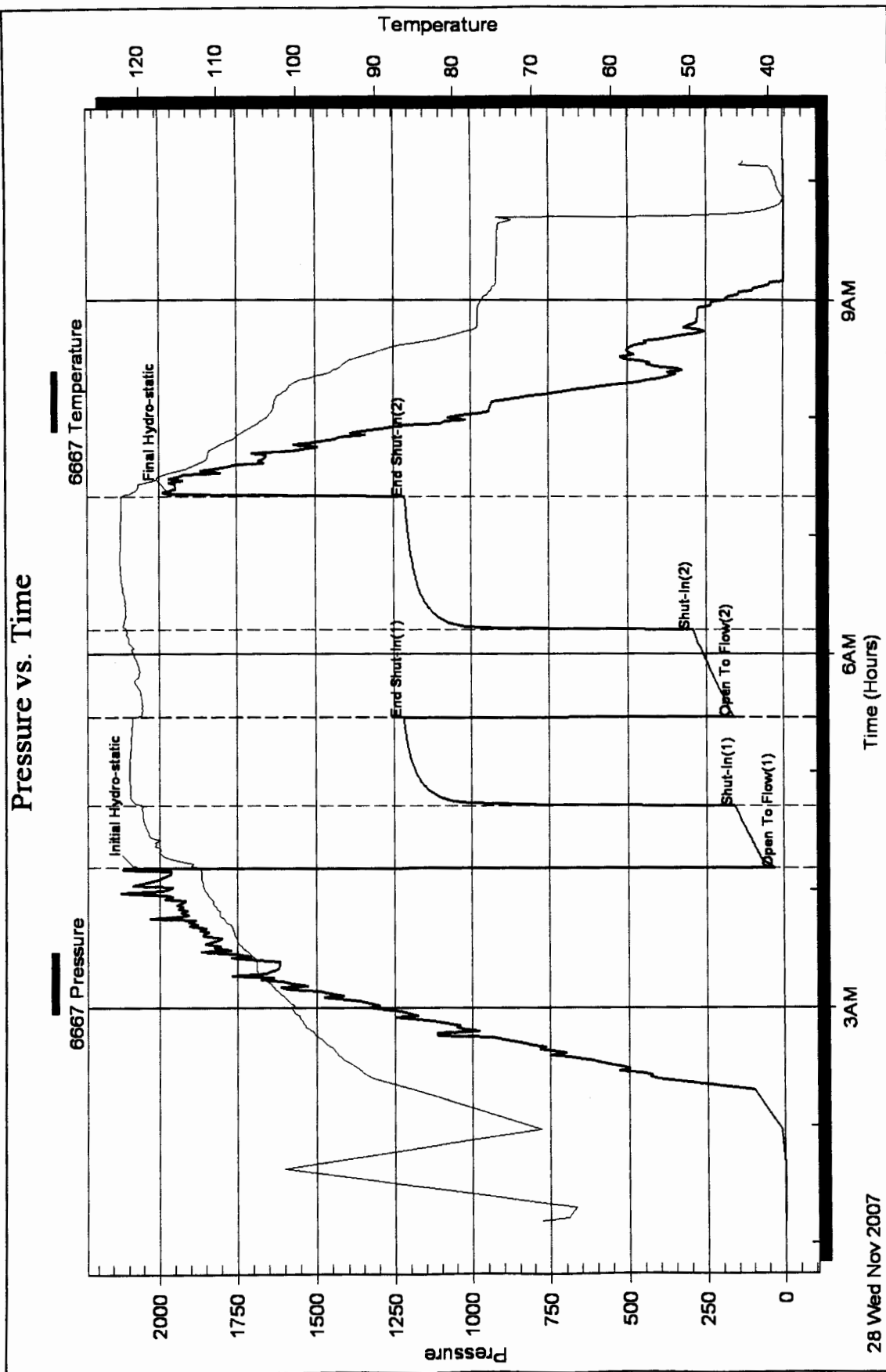
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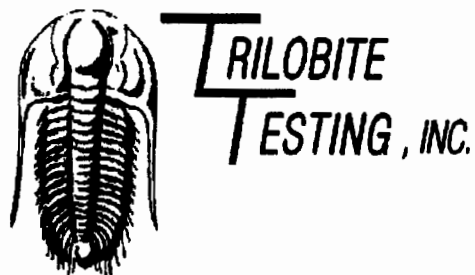
Inside

Norstar Petroleum

18 11 34 Logan KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Norstar Petroleum**

6855 S Havana St Ste 250
Centennial CO 80112

ATTN: Bob Elder

18 11 34 Logan KS

Taylor #1-18

Start Date: 2007.11.29 @ 02:55:05

End Date: 2007.11.29 @ 11:30:44

Job Ticket #: 29515 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Norstar Petroleum

6855 S Havana St Ste 250
Centennial CO 80112

ATTN: Bob Elder

Taylor #1-18

18 11 34 Logan KS

Job Ticket: 29515

DST#: 2

Test Start: 2007.11.29 @ 02:55:05

GENERAL INFORMATION:

Formation: H-I-J

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:29:30

Time Test Ended: 11:30:44

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 40

Interval: 4286.00 ft (KB) To 4364.00 ft (KB) (TVD)

Total Depth: 4364.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3246.00 ft (KB)

3236.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6667

Inside

Press@RunDepth: 110.13 psig @ 4287.00 ft (KB)

Start Date: 2007.11.29

End Date: 2007.11.29

Start Time: 02:55:05

End Time: 11:13:44

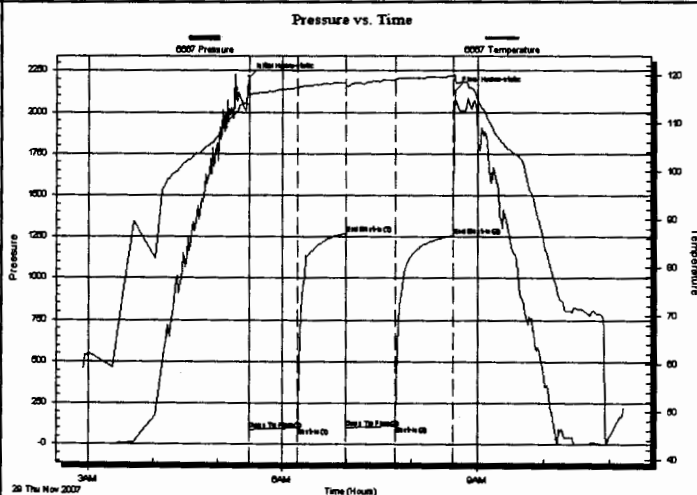
Capacity: 7000.00 psig

Last Calib.: 2007.11.29

Time On Btm: 2007.11.29 @ 05:28:45

Time Off Btm: 2007.11.29 @ 08:39:15

TEST COMMENT: Slide tool 3' to bottom 4" blow (bled off mud blow) 1/2" blow
No return
Surface blow in 4 min. blew throughout
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2212.76	113.79	Initial Hydro-static
1	88.87	115.69	Open To Flow (1)
46	100.90	117.23	Shut-In(1)
90	1269.98	118.40	End Shut-In(1)
91	101.61	117.95	Open To Flow (2)
136	110.13	118.99	Shut-In(2)
189	1258.04	119.66	End Shut-In(2)
191	2128.62	119.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	100%M	1.40

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Norstar Petroleum

Taylor #1-18

6855 S Havana St Ste 250
Centennial CO 80112

18 11 34 Logan KS

ATTN: Bob Elder

Job Ticket: 29515

DST#: 2

Test Start: 2007.11.29 @ 02:55:05

Tool Information

Drill Pipe:	Length: 4148.00 ft	Diameter: 3.80 inches	Volume: 58.19 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose:	75000.00 lb
			Total Volume: 58.79 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	4286.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	78.00 ft				
Tool Length:	105.00 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			4260.00	
Shut In Tool	5.00			4265.00	
Hydraulic tool	5.00			4270.00	
Jars	5.00			4275.00	
Safety Joint	2.00			4277.00	
Packer	5.00			4282.00	27.00 Bottom Of Top Packer
Packer	4.00			4286.00	
Stubb	1.00			4287.00	
Recorder	0.00	6667	Inside	4287.00	
Recorder	0.00	6771	Outside	4287.00	
Perforations	8.00			4295.00	
Change Over Sub	1.00			4296.00	
Drill Pipe	62.00			4358.00	
Change Over Sub	1.00			4359.00	
Bullnose	5.00			4364.00	78.00 Bottom Packers & Anchor

Total Tool Length: 105.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum

Taylor #1-18

6855 S Havana St Ste 250
Centennial CO 80112

18 11 34 Logan KS

Job Ticket: 29515

DST#: 2

ATTN: Bob Elder

Test Start: 2007.11.29 @ 02:55:05

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.15 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	100%M	1.404

Total Length: 180.00 ft

Total Volume: 1.404 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6667

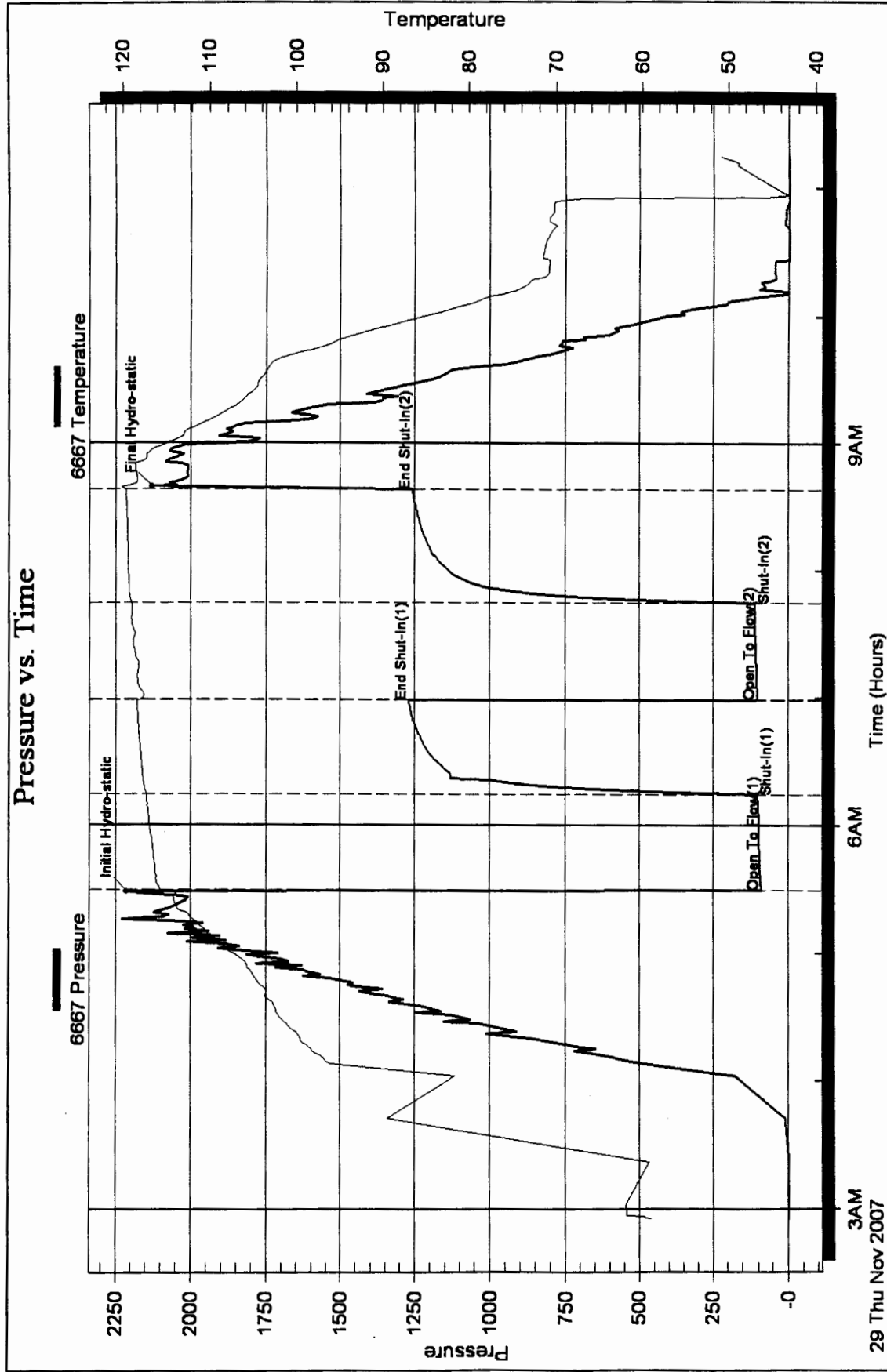
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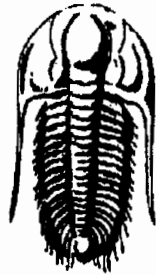
Norstar Petroleum

18 11 34 Logan KS

DST Test Number: 2

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Norstar Petroleum**

6855 S Havana St Ste 250
Centennial CO 80112

ATTN: Bob Elder

18 11 34 Logan KS

Taylor #1-18

Start Date: 2007.11.30 @ 01:53:05

End Date: 2007.11.30 @ 09:50:29

Job Ticket #: 29516 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Norstar Petroleum

6855 S Havana St Ste 250
Centennial CO 80112

ATTN: Bob Elder

Taylor #1-18

18 11 34 Logan KS

Job Ticket: 29516

DST#: 3

Test Start: 2007.11.30 @ 01:53:05

GENERAL INFORMATION:

Formation: **K-L**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 05:14:00

Time Test Ended: 09:50:29

Test Type: **Conventional Bottom Hole**

Tester: **Shane McBride**

Unit No: **40**

Interval: **4372.00 ft (KB) To 4437.00 ft (KB) (TVD)**

Total Depth: **4437.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **3246.00 ft (KB)**

3236.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6771

Outside

Press@RunDepth: **48.52 psig @ 4373.00 ft (KB)**

Start Date: **2007.11.30**

End Date:

2007.11.30

Start Time: **01:53:05**

End Time:

09:30:29

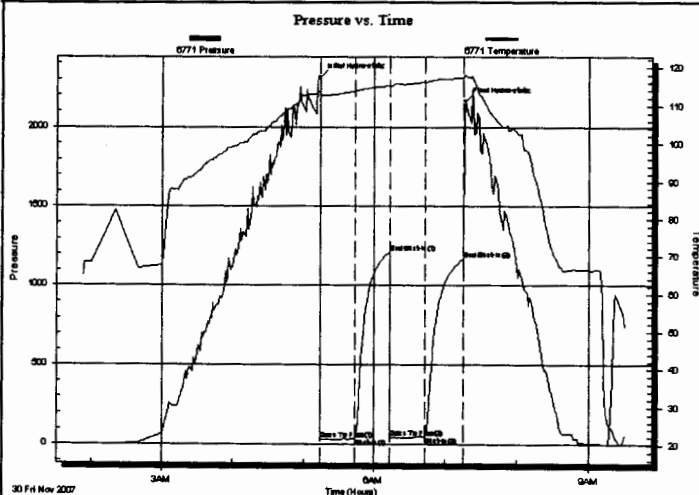
Capacity: **7000.00 psig**

Last Calib.: **2007.11.30**

Time On Btm: **2007.11.30 @ 05:13:45**

Time Off Btm: **2007.11.30 @ 07:17:00**

TEST COMMENT: Weak surface blow died in 21 min.
No return
Weak blow in 5 min. died in 20 min.
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2311.53	113.49	Initial Hydro-static
1	28.69	112.80	Open To Flow (1)
31	36.53	113.84	Shut-In (1)
60	1210.26	115.26	End Shut-In (1)
60	40.36	114.87	Open To Flow (2)
90	48.52	116.29	Shut-In (2)
122	1166.11	117.32	End Shut-In (2)
124	2161.44	118.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Mw/trace of Oil 2%O 98%M	0.30
0.00	6" of Free Oil on top	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Norstar Petroleum

Taylor #1-18

6855 S Havana St Ste 250
Centennial CO 80112

18 11 34 Logan KS

Job Ticket: 29516

DST#: 3

ATTN: Bob Elder

Test Start: 2007.11.30 @ 01:53:05

Tool Information

Drill Pipe:	Length: 4237.00 ft	Diameter: 3.80 inches	Volume: 59.43 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose:	80000.00 lb
			Total Volume: 60.03 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial	64000.00 lb
Depth to Top Packer:	4372.00 ft			Final	64000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	65.00 ft				
Tool Length:	92.00 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			4346.00	
Shut In Tool	5.00			4351.00	
Hydraulic tool	5.00			4356.00	
Jars	5.00			4361.00	
Safety Joint	2.00			4363.00	
Packer	5.00			4368.00	27.00 Bottom Of Top Packer
Packer	4.00			4372.00	
Stubb	1.00			4373.00	
Recorder	0.00	6667	Inside	4373.00	
Recorder	0.00	6771	Outside	4373.00	
Perforations	26.00			4399.00	
Change Over Sub	1.00			4400.00	
Drill Pipe	31.00			4431.00	
Change Over Sub	1.00			4432.00	
Bullnose	5.00			4437.00	65.00 Bottom Packers & Anchor

Total Tool Length: 92.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum

Taylor #1-18

6855 S Havana St Ste 250
Centennial CO 80112

18 11 34 Logan KS

ATTN: Bob Elder

Job Ticket: 29516

DST#: 3

Test Start: 2007.11.30 @ 01:53:05

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.95 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Mw/trace of Oil 2%O 98%M	0.295
0.00	6 " of Free Oil on top	0.000

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

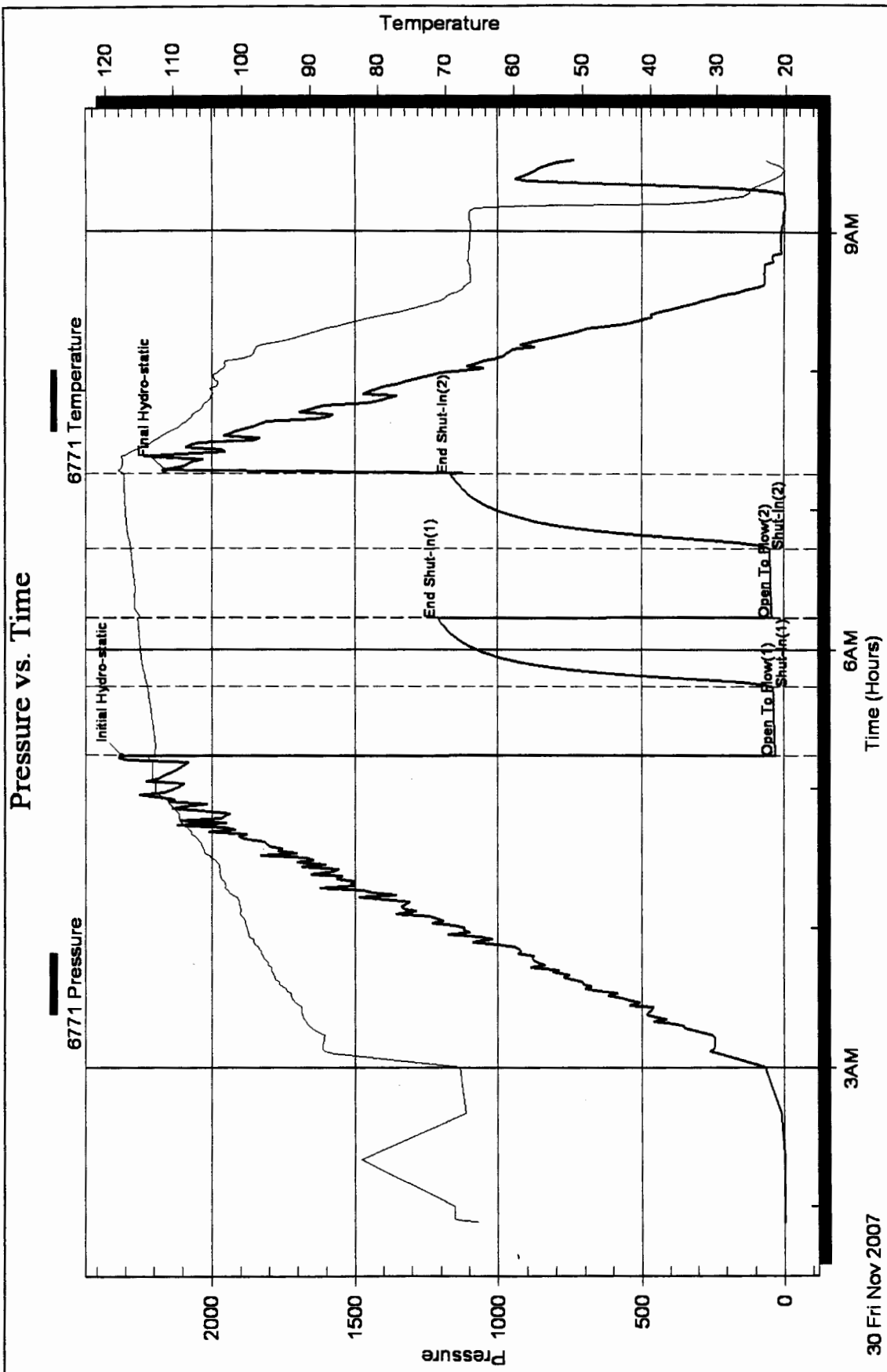
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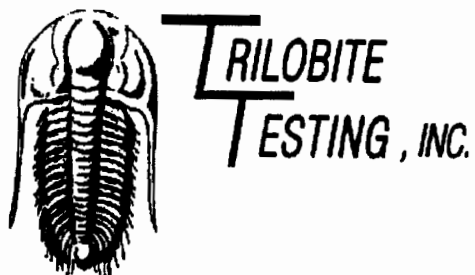
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Norstar Petroleum**

6855 S Havana St Ste 250
Centennial CO 80112

ATTN: Bob Elder

18 11 34 Logan KS

Taylor #1-18

Start Date: 2007.12.01 @ 09:25:05

End Date: 2007.12.01 @ 15:35:29

Job Ticket #: 29517 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Norstar Petroleum

6855 S Havana St Ste 250
Centennial CO 80112

ATTN: Bob Elder

Taylor #1-18

18 11 34 Logan KS

Job Ticket: 29517

DST#: 4

Test Start: 2007.12.01 @ 09:25:05

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 12:25:00

Time Test Ended: 15:35:29

Test Type: **Conventional Bottom Hole**

Tester: **Shane McBride**

Unit No: **40**

Interval: **4642.00 ft (KB) To 4737.00 ft (KB) (TVD)**

Total Depth: **4737.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **3246.00 ft (KB)**

3236.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 6667 **Inside**

Press@RunDepth: **psig @ 4643.00 ft (KB)**

Start Date: **2007.12.01** End Date: **2007.12.01**

Start Time: **09:25:05** End Time: **15:35:29**

Capacity: **7000.00 psig**

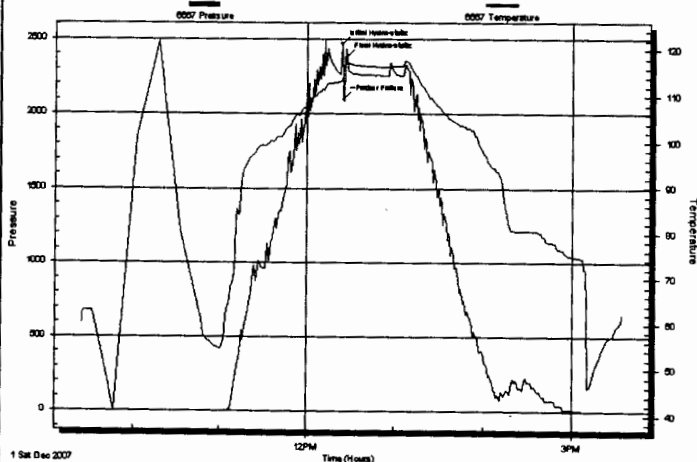
Last Calib.: **2007.12.01**

Time On Btm: **2007.12.01 @ 12:23:45**

Time Off Btm: **2007.12.01 @ 12:27:30**

TEST COMMENT: Packers failed @ open reset failed again pull tool

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2466.29	113.42	Initial Hydro-static
1	2096.49	116.17	--Packer Failure
4	2382.46	117.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
420.00	100%M	4.77

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Norstar Petroleum

Taylor #1-18

6855 S Havana St Ste 250
Centennial CO 80112

18 11 34 Logan KS

Job Ticket: 29517

DST#: 4

ATTN: Bob Elder

Test Start: 2007.12.01 @ 09:25:05

Tool Information

Drill Pipe:	Length: 4522.00 ft	Diameter: 3.80 inches	Volume: 63.43 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 64.03 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4642.00 ft			Final 69000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	95.00 ft			
Tool Length:	122.00 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			4616.00	
Shut In Tool	5.00			4621.00	
Hydraulic tool	5.00			4626.00	
Jars	5.00			4631.00	
Safety Joint	2.00			4633.00	
Packer	5.00			4638.00	27.00 Bottom Of Top Packer
Packer	4.00			4642.00	
Stubb	1.00			4643.00	
Recorder	0.00	6667	Inside	4643.00	
Recorder	0.00	6771	Outside	4643.00	
Perforations	25.00			4668.00	
Change Over Sub	1.00			4669.00	
Drill Pipe	62.00			4731.00	
Change Over Sub	1.00			4732.00	
Bullnose	5.00			4737.00	95.00 Bottom Packers & Anchor

Total Tool Length: 122.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum

Taylor #1-18

6855 S Havana St Ste 250
Centennial CO 80112

18 11 34 Logan KS

Job Ticket: 29517

DST#: 4

ATTN: Bob Elder

Test Start: 2007.12.01 @ 09:25:05

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.15 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
420.00	100%M	4.771

Total Length: 420.00 ft

Total Volume: 4.771 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6667

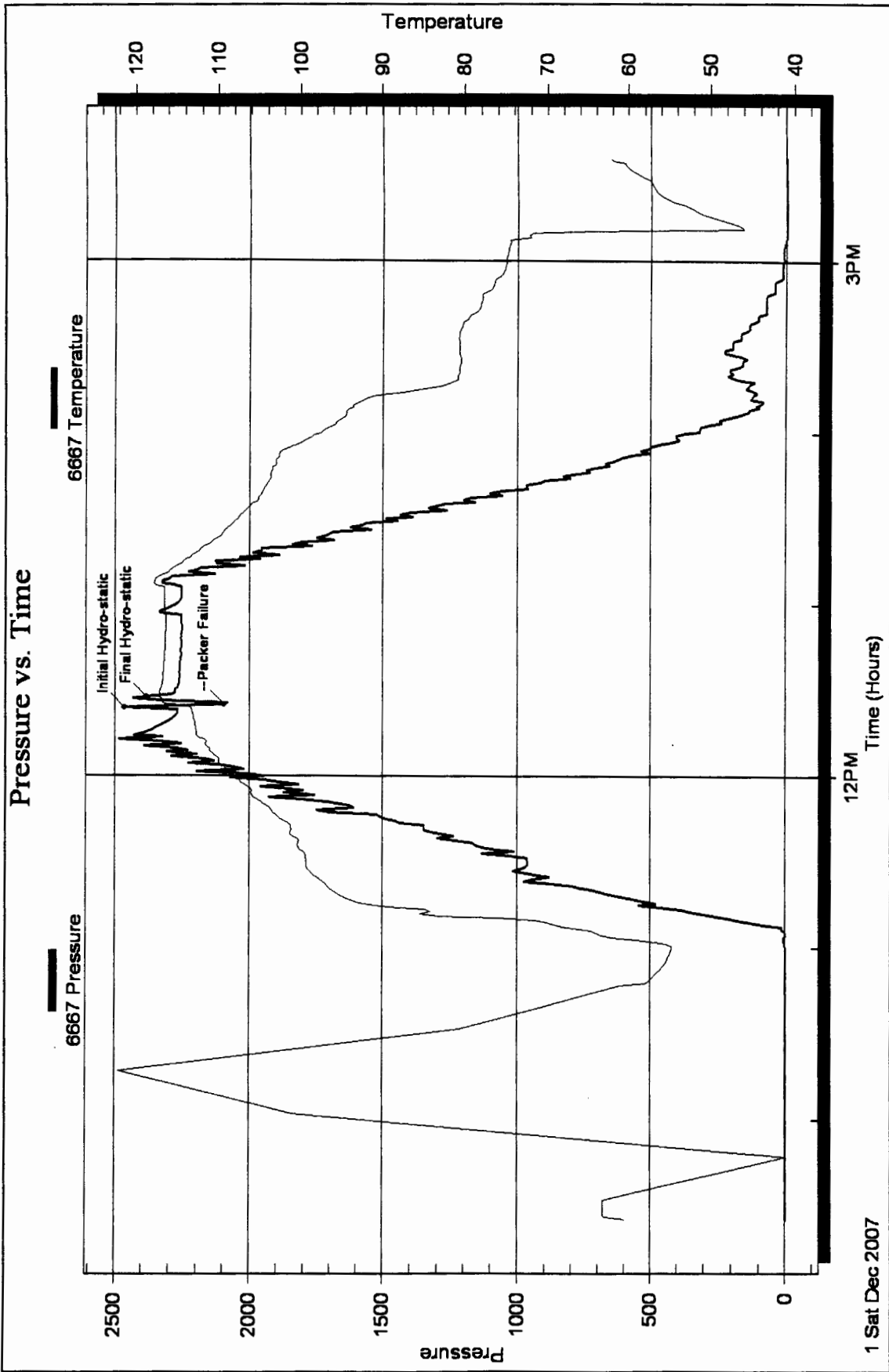
Norstar Petroleum

Inside

18 11 34 Logan KS

DST Test Number: 4

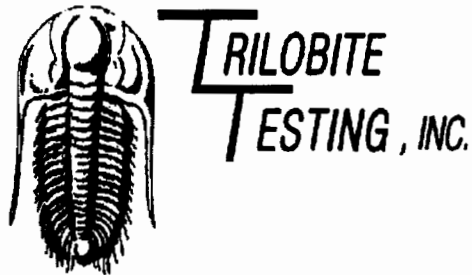
Pressure vs. Time



Ref. No: 29517

Trilobite Testing, Inc

Printed: 2007.12.05 @ 10:09:06 Page 5



DRILL STEM TEST REPORT

Prepared For: **Norstar Petroleum**

6855 S Havana St Ste 250
Centennial CO 80112

ATTN: Bob Elder

18 11 34 Logan KS

Taylor #1-18

Start Date: 2007.12.01 @ 15:44:05

End Date: 2007.12.01 @ 23:25:00

Job Ticket #: 29518 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

Norstar Petroleum

6855 S Havana St Ste 250
Centennial CO 80112

ATTN: Bob Elder

Taylor #1-18

18 11 34 Logan KS

Job Ticket: 29518

DST#: 5

Test Start: 2007.12.01 @ 15:44:05

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 18:13:45

Time Test Ended: 23:25:00

Test Type: **Conventional Bottom Hole**

Tester: **Shane McBride**

Unit No: **40**

Interval: **4636.00 ft (KB) To 4737.00 ft (KB) (TVD)**

Total Depth: **4737.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **3246.00 ft (KB)**

3236.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 6667 **Inside**

Press@RunDepth: **45.74 psig @ 4637.00 ft (KB)**

Start Date: **2007.12.01**

End Date:

2007.12.01

Start Time: **15:44:05**

End Time:

23:11:59

Capacity: **7000.00 psig**

Last Calib.: **2007.12.01**

Time On Btm: **2007.12.01 @ 18:13:30**

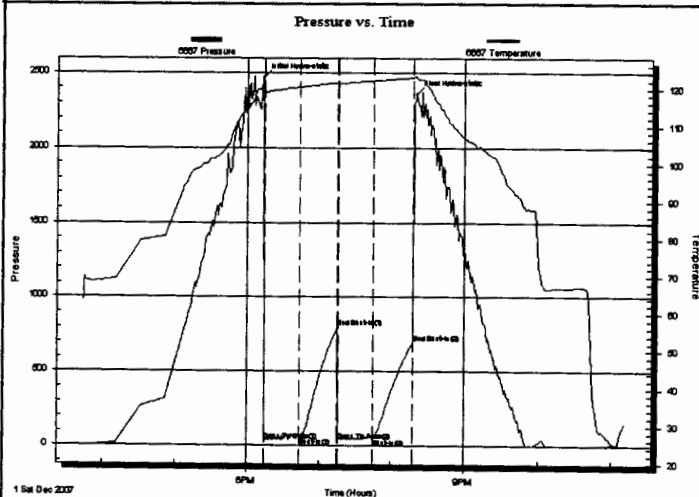
Time Off Btm: **2007.12.01 @ 20:20:30**

TEST COMMENT: **1/2 " blow died in 12 min.**

No return

No blow

No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2467.28	119.41	Initial Hydro-static
1	36.63	118.88	Open To Flow (1)
30	50.83	120.35	Shut-In(1)
62	794.93	121.56	End Shut-In(1)
62	34.18	121.12	Open To Flow (2)
92	45.74	122.02	Shut-In(2)
125	697.32	122.90	End Shut-In(2)
127	2356.90	122.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100%M	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Norstar Petroleum

Taylor #1-18

6855 S Havana St Ste 250
Centennial CO 80112

18 11 34 Logan KS

Job Ticket: 29518

DST#: 5

ATTN: Bob Elder

Test Start: 2007.12.01 @ 15:44:05

Tool Information

Drill Pipe:	Length: 4492.00 ft	Diameter: 3.80 inches	Volume: 63.01 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 88000.00 lb
		Total Volume:	63.61 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4636.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	101.00 ft			
Tool Length:	128.00 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			4610.00	
Shut In Tool	5.00			4615.00	
Hydraulic tool	5.00			4620.00	
Jars	5.00			4625.00	
Safety Joint	2.00			4627.00	
Packer - Shale	5.00			4632.00	
Packer	4.00			4636.00	27.00 Bottom Of Top Packer
Stubb	1.00			4637.00	
Recorder	0.00	6667	Inside	4637.00	
Recorder	0.00	6771	Outside	4637.00	
Perforations	32.00			4669.00	
Change Over Sub	1.00			4670.00	
Drill Pipe	61.00			4731.00	
Change Over Sub	1.00			4732.00	
Bullnose	5.00			4737.00	101.00 Anchor Tool

Total Tool Length: 128.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum

Taylor #1-18

6855 S Havana St Ste 250
Centennial CO 80112

18 11 34 Logan KS

Job Ticket: 29518

DST#: 5

ATTN: Bob Elder

Test Start: 2007.12.01 @ 15:44:05

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.17 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100%M	0.025

Total Length:

5.00 ft

Total Volume:

0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

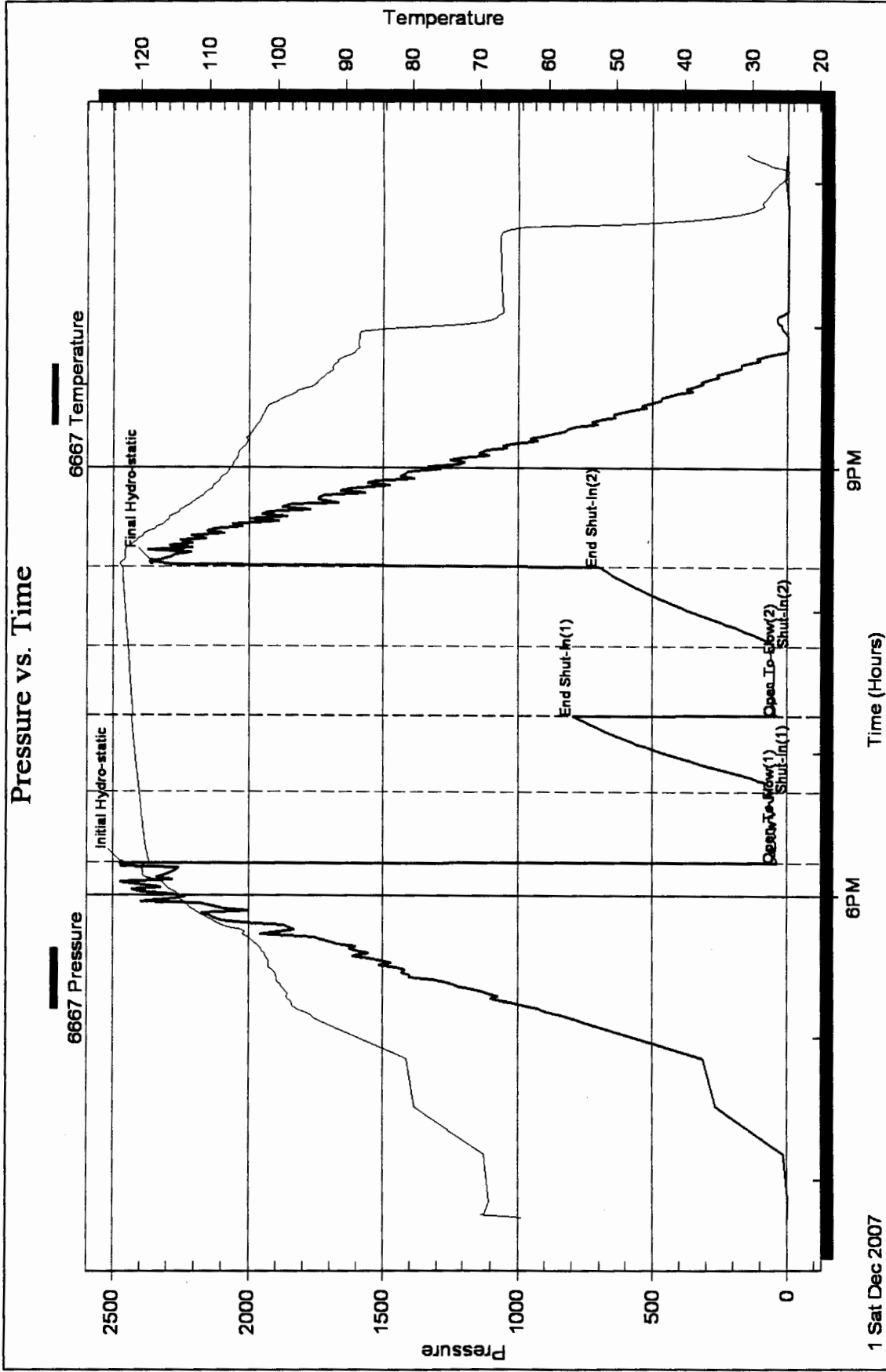
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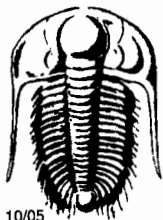
Inside

Norstar Petroleum

18 11 34 Logan KS

DST Test Number: 5





TRILOBITE TESTING INC.

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29514

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DEC 03 2007

Test Ticket

BY: _____

Well Name & No. Taylor #1-18 Test No. #1 Date 11/28/07
 Company Newstar Petroleum Zone Tested B-C-D
 Address 6855 S. Havana St Suite 250 Centennial, CO Elevation 3246 KB 3236 GL
 Co. Rep / Geo. Bob Elder Rig H2 #2
 Location: Sec. 18 Twp. 11 Rge. 34 Co. Logan State Ks
 Comment: _____ Release date / time: _____

Interval Tested 4157 4210 Initial Str Wt./Lbs. 60,000 Unseated Str Wt./Lbs. 63,000
 Anchor Length 53 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 75,000
 Top Packer Depth 4152 Tool Weight 1500
 Bottom Packer Depth 4157 Hole Size 7 7/8" ☒ Rubber Size 6 3/4" ☒
 Total Depth 4210 Wt. Pipe Run _____ Drill Collar Run 123'
 Mud Wt. 8.9 LCM Tr Vis. 47 WL 8.0 Drill Pipe Size 4 1/2 X H Ft. Run 4022
 Blow Description 1" in @ open B.O.B. in 16 min.
No return
B.O.B. in 21 min.
No return

Recovery - Total Feet 608' GIP _____ Ft. in DC 123' Ft. in DP 485'
 Rec. 112' Feet of WCM %gas _____ %oil 35 %water 65 %mud _____
 Rec. 124' Feet of mcw %gas _____ %oil 70 %water 30 %mud _____
 Rec. 372' Feet of water %gas _____ %oil 100 %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 122° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .150 @ 54 °F Chlorides 64,000 ppm Recovery 64,000 Chlorides 3900 ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud		<u>2079</u> PSI	Recorder No.	<u>6667</u>	Test	<u>\$ 1200.00</u>
(B) First Initial Flow Pressure		<u>29</u> PSI	(depth)	<u>4158</u>	Jars	<u>\$ 250.00</u>
(C) First Final Flow Pressure		<u>160</u> PSI	Recorder No.	<u>6771</u>	Safety Jt.	<u>\$ 75.00</u>
(D) Initial Shut-In Pressure		<u>1218</u> PSI	(depth)	<u>4158</u>	Circ Sub	<u>N/C</u>
(E) Second Initial Flow Pressure		<u>163</u> PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure		<u>292</u> PSI	(depth)		Straddle	
(G) Final Shut-In Pressure		<u>1214</u> PSI	Initial Opening	<u>30</u>	Ext. Packer	
(Q) Final Hydrostatic Mud		<u>1963</u> PSI	Initial Shut-In	<u>45</u>	Shale Packer	

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Approved By

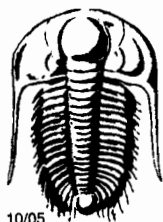
Bob Elder

Our Representative

[Signature]

Final Flow 45
 Final Shut-In 60
 T-On Location 22:30 p.m.
 T-Started 01:11 A.M.
 T-Open 07:11 A.M.
 T-Pulled 07:11 A.M.
 T-Out 10:20 A.M.

Mileage K130 RT \$162.50
 Sub Total: \$ 1,687.50
 Std. By _____
 Acc. Chg: X \$ 150.00
 Other: _____
 Total: \$ 1,837.50



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29515
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DEC 03 2007

BY: _____

Test Ticket

Well Name & No. <u>Taylor # 1-18</u>	Test No. <u>#2</u>	Date <u>11/29/07</u>
Company <u>Noistar Petroleum</u>	Zone Tested <u>H-I-J</u>	
Address <u>6855 S. Havana St Suite 250 Centennial, Colo</u>	Elevation <u>3246</u>	KB <u>3236</u> GL
Co. Rep / Geo. <u>Bob Elder</u>	Rig <u>H² #2</u>	
Location: Sec. <u>18</u> Twp. <u>11</u> Rge. <u>34</u>	Co. <u>Logan</u>	State <u>KS</u>
Comment: _____		Release date / time: _____

Interval Tested <u>4286</u>	<u>4364</u>	Initial Str Wt./Lbs. <u>60,000</u>	Unseated Str Wt./Lbs. <u>60,000</u>
Anchor Length _____	<u>78</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>75,000</u>
Top Packer Depth _____	<u>4281</u>	Tool Weight <u>1500</u>	
Bottom Packer Depth _____	<u>4286</u>	Hole Size <u>7 7/8"</u> ✓	Rubber Size <u>6 3/4"</u> ✓
Total Depth _____	<u>4364</u>	Wt. Pipe Run _____	Drill Collar Run <u>123'</u>
Mud Wt. <u>9.0</u> LCM <u>T</u> Vis. <u>48</u> WL <u>7.2</u>		Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>4148</u>
Blow Description <u>Slide tool 3' to bottom 4" in blow (Bled off mud blow) 1/2" in blow</u>			

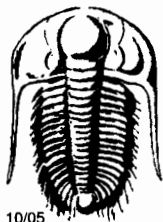
No return
Surface blow in 4 min. (blew throughout)
No return

Recovery - Total Feet <u>180'</u>	GIP _____	Ft. in DC <u>123'</u>	Ft. in DP <u>57'</u>
Rec. <u>180'</u>	Feet of <u>Mud</u>	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
BHT <u>120°</u>	'F Gravity _____	'API D @ _____	'F Corrected Gravity _____
RW _____ @ _____	'F Chlorides _____	ppm Recovery _____	Chlorides <u>3700</u> ppm System

(A) Initial Hydrostatic Mud	AK-1 <u>2212</u>	Alpine PSI	Recorder No. <u>66667</u>	Test X <u>\$ 1200.00</u>
(B) First Initial Flow Pressure	<u>88</u>	PSI	(depth) <u>4287</u>	Jars X <u>\$ 250.00</u>
(C) First Final Flow Pressure	<u>100</u>	PSI	Recorder No. <u>6771</u>	Safety Jt X <u>\$ 75.00</u>
(D) Initial Shut-In Pressure	<u>1269</u>	PSI	(depth) <u>4287</u>	Circ Sub X <u>N/C</u>
(E) Second Initial Flow Pressure	<u>101</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>110</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1258</u>	PSI	Initial Opening <u>45</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2128</u>	PSI	Initial Shut-In <u>45</u>	Shale Packer _____
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			Final Shut-In <u>45</u>	Mileage X <u>130 RT \$162.50</u>
			T-On Location <u>00:30 A.M.</u>	Sub Total: <u>\$1,687.50</u>
			T-Started <u>02:55 A.M.</u>	Std. By _____
			T-Open <u>05:30 A.M.</u>	Acc. Chg: X <u>\$ 150.00</u>
			T-Pulled <u>08:30 A.M.</u>	Other: _____
			T-Out <u>11:30 A.M.</u>	Total: <u>\$1,837.50</u>

Approved By [Signature]

Our Representative [Signature]



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29516

RECEIVED
DEC 05 2007

BY: _____

Test Ticket

Well Name & No. <u>Taylor #1-18</u>	Test No. <u>#3</u>	Date <u>11/30/07</u>
Company <u>Horstar Petroleum</u>	Zone Tested <u>K-L</u>	
Address <u>6855 S. Havana St Suite 250 Centennial Colo</u>	Elevation <u>3246</u>	KB <u>3236</u> GL
Co. Rep / Geo. <u>Bob Elder</u>	Rig <u>H2 #2</u>	
Location: Sec. <u>18</u> Twp. <u>11</u> Rge. <u>34</u>	Co. <u>Logan</u>	State <u>Ks</u>
Comment: _____		Release date / time: _____

Interval Tested <u>4372</u>	<u>4437</u>	Initial Str Wt./Lbs. <u>64000</u>	Unseated Str Wt./Lbs. <u>64000</u>
Anchor Length _____	<u>65</u>	Wt. Set Lbs. <u>25000</u>	Wt. Pulled Loose/Lbs. <u>80000</u>
Top Packer Depth _____	<u>4367</u>	Tool Weight <u>1500</u>	
Bottom Packer Depth _____	<u>4372</u>	Hole Size 7 7/8" <u>✓</u>	Rubber Size 6 3/4" <u>✓</u>
Total Depth _____	<u>4437</u>	Wt. Pipe Run _____	Drill Collar Run <u>123'</u>
Mud Wt. <u>9.2</u> LCM <u>Tf</u> Vis. <u>50</u> WL <u>8.0</u>		Drill Pipe Size <u>4 1/2 X H</u>	Ft. Run <u>4237</u>
Blow Description <u>Weak Surface blow died in 21 min</u>			

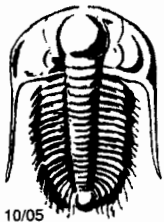
No return
Weak blow in 5 min died in 20 min.
No return

Recovery - Total Feet <u>60'</u>	GIP _____	Ft. in DC <u>60'</u>	Ft. in DP _____
Rec. <u>60'</u>	Feet of <u>mud w/trace of oil</u>	%gas <u>2</u> %oil _____	%water <u>98</u> %mud _____
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
Rec. _____	Feet of <u>(6" of Free Oil)</u>	%gas _____ %oil _____	%water _____ %mud _____
Rec. _____	Feet of <u>ON TOP</u>	%gas _____ %oil _____	%water _____ %mud _____
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
BHT <u>117°</u>	*F Gravity _____	*API D @ _____	*F Corrected Gravity _____ *API _____
RW _____ @ _____	*F Chlorides _____	ppm Recovery _____	Chlorides <u>4100</u> ppm System

(A) Initial Hydrostatic Mud	<u>2311</u> PSI	Recorder No. <u>66667</u>	Test & <u>\$1200.00</u>
(B) First Initial Flow Pressure	<u>28</u> PSI	(depth) <u>4373</u>	Jars & <u>\$250.00</u>
(C) First Final Flow Pressure	<u>36</u> PSI	Recorder No. <u>6771</u>	Safety Jt & <u>\$75.00</u>
(D) Initial Shut-In Pressure	<u>1210</u> PSI	(depth) <u>4373</u>	Circ Sub & <u>N/A</u>
(E) Second Initial Flow Pressure	<u>40</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>48</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1166</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2161</u> PSI	Initial Shut-In <u>30</u>	Shale Packer _____
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		Final Shut-In <u>30</u>	Mileage & <u>130 N/A \$162.50</u>
		T-On Location <u>00:30 A.M.</u>	Sub Total: <u>\$1687.50</u>
		T-Started <u>01:53 A.M.</u>	Std. By _____
		T-Open <u>05:15 A.M.</u>	Acc. Chg: & <u>\$150.00</u>
		T-Pulled <u>07:15 A.M.</u>	Other: _____
		T-Out <u>09:50 A.M.</u>	Total: <u>\$1837.50</u>

Approved By Bob Elder

Our Representative [Signature]



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

29517

RECEIVED
DEC 05 2007

Test Ticket

BY: _____

Well Name & No. <u>Taylor #1-18</u>	Test No. <u>#4</u>	Date <u>12/1/07</u>
Company <u>Norstar Petroleum</u>	Zone Tested <u>Johnson</u>	
Address <u>455 S. Havana St Suite 250 Centennial, Colo</u>	Elevation <u>3246</u>	KB <u>3236</u> GL
Co. Rep / Geo. <u>Bob Elder</u>	Rig <u>H² #2</u>	
Location: Sec. <u>18</u> Twp. <u>11</u> Rge. <u>34</u>	Co. <u>Logan</u>	State <u>Ks</u>
Comment: _____		Release date / time: _____

Interval Tested <u>4642</u>	<u>4737</u>	Initial Str Wt./Lbs. <u>68000</u>	Unseated Str Wt./Lbs. <u>69000</u>
Anchor Length _____	<u>95</u>	Wt. Set Lbs. <u>25000</u>	Wt. Pulled Loose/Lbs. <u>70000</u>
Top Packer Depth _____	<u>4637</u>	Tool Weight <u>1560</u>	
Bottom Packer Depth _____	<u>4642</u>	Hole Size 7 7/8" ☒	Rubber Size 6 3/4" ☒
Total Depth _____	<u>4737</u>	Wt. Pipe Run _____	Drill Collar Run <u>123'</u>
Mud Wt. <u>9.5</u> LCM <u>Tr</u> Vis. <u>47</u> WL <u>11.2</u>		Drill Pipe Size <u>4 1/2 X 4</u>	Ft. Run <u>4523'</u>
Blow Description <u>Packers Failed @ open Reset failed again - Pull Tool</u>			

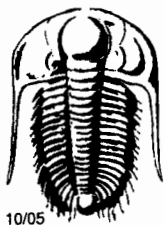
Recovery - Total Feet <u>420</u>	GIP _____	Ft. in DC <u>123</u>	Ft. in DP <u>297</u>
Rec. <u>420</u> Feet of <u>Mud</u>	%gas _____	%oil _____	%water <u>100</u> %mud _____
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____ %mud _____
BHT _____ °F Gravity _____	*API D @ _____	*F Corrected Gravity _____	*API _____
RW _____ @ _____ °F	Chlorides _____ ppm Recovery _____	Chlorides <u>5600</u> ppm System	

(A) Initial Hydrostatic Mud <u>2466</u> PSI	Recorder No. <u>6667</u>	Test <u>\$1000.00</u>
(B) First Initial Flow Pressure _____ PSI	(depth) <u>4643</u>	Jars <u>\$250.00</u>
(C) First Final Flow Pressure _____ PSI	Recorder No. <u>6771</u>	Safety Jt. <u>\$25.00</u>
(D) Initial Shut-In Pressure _____ PSI	(depth) <u>4643</u>	Circ Sub <u>N/C</u>
(E) Second Initial Flow Pressure _____ PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure _____ PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure _____ PSI	Initial Opening _____	Ext. Packer _____
(Q) Final Hydrostatic Mud <u>2382</u> PSI	Initial Shut-In _____	Shale Packer _____
	Final Flow _____	Ruined Packer _____
	Final Shut-In _____	Mileage <u>130 RT</u> <u>\$162.50</u>
	T-On Location <u>08:20 A.M.</u>	Sub Total: <u>\$1487.50</u>
	T-Started <u>09:25 A.M.</u>	Std. By _____
	T-Open <u>12:25 P.M.</u>	Acc. Chg <u>\$150.00</u>
	T-Pulled <u>12:30 P.M.</u>	Other: _____
	T-Out <u>15:35 P.M.</u>	Total: <u>\$1637.50</u>

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Approved By [Signature]

Our Representative [Signature]



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

29518

RECEIVED
DEC 05 2007

BY: _____

Test Ticket

Well Name & No. <u>Taylor #1-18</u>	Test No. <u>#5</u>	Date <u>12/1/07</u>
Company <u>Neistar Petroleum</u>	Zone Tested <u>Johnson</u>	
Address <u>6855 S. Harman Suite 250 Centennial, Colo</u>	Elevation <u>3246</u> KB <u>3236</u> GL	
Co. Rep / Geo. <u>Bob Elder</u>	Rig <u>H2 #2</u>	
Location: Sec. <u>18</u> Twp. <u>11</u> Rge. <u>34</u>	Co. <u>Logan</u> State <u>Ks</u>	
Comment: _____	Release date / time: _____	

Interval Tested <u>4636</u>	<u>4737</u>	Initial Str Wt./Lbs. <u>68000</u>	Unseated Str Wt./Lbs. <u>68000</u>
Anchor Length _____	<u>101</u>	Wt. Set Lbs. <u>25000</u>	Wt. Pulled Loose/Lbs. <u>88000</u>
Top Packer Depth _____	<u>4631</u>	Tool Weight <u>1500</u>	
Bottom Packer Depth _____	<u>4636</u>	Hole Size 7 7/8" <u>✓</u>	Rubber Size 6 3/4" <u>✓</u>
Total Depth _____	<u>4737</u>	Wt. Pipe Run _____	Drill Collar Run <u>123'</u>
Mud Wt. <u>9.5</u> LCM <u>T</u> Vis. <u>47</u> WL <u>11.2</u>		Drill Pipe Size <u>4 1/2 X 4</u>	Ft. Run <u>4492</u>
Blow Description <u>1/2" blow died in 12 min.</u>			

No return
No blow
No return

Recovery - Total Feet <u>5</u>	GIP _____	Ft. in DC <u>5</u>	Ft. in DP _____
Rec. <u>5</u> Feet of <u>mud</u>	%gas _____	%oil _____	%water <u>100</u> %mud _____
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____ %mud _____
BHT <u>123'</u> °F Gravity _____	*API D @ _____	*F Corrected Gravity _____	*API _____
RW _____ @ _____ °F	Chlorides _____ ppm	Recovery _____	Chlorides <u>5600</u> ppm System

(A) Initial Hydrostatic Mud <u>2467</u> PSI	Recorder No. <u>6667</u>	Test X <u>#1200.00</u>
(B) First Initial Flow Pressure <u>36</u> PSI	(depth) <u>4637</u>	Jars <u>#250.00</u>
(C) First Final Flow Pressure <u>50</u> PSI	Recorder No. <u>6771</u>	Safety Jt. X <u>#75.00</u>
(D) Initial Shut-In Pressure <u>794</u> PSI	(depth) <u>4637</u>	Circ Sub <u>N/C</u>
(E) Second Initial Flow Pressure <u>34</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure <u>45</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure <u>697</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud <u>2356</u> PSI	Initial Shut-In <u>30</u>	Shale Packer <u>x2 \$500.00</u>
	Final Flow <u>30</u>	Ruined Packer _____
	Final Shut-In <u>30</u>	Mileage _____
	T-On Location _____	Sub Total: <u>\$2025.00</u>
	T-Started <u>15:44 P.M.</u>	Std. By _____
	T-Open <u>18:15 P.M.</u>	Acc. Chg: X <u>\$150.00</u>
	T-Pulled <u>20:15 P.M.</u>	Other: _____
	T-Out <u>23:25 P.M.</u>	Total: <u>\$2175.00</u>

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Approved By: [Signature]
Our Representative: [Signature]