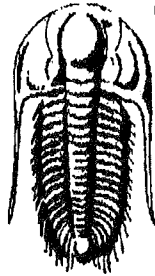


15-065-23563

25-9s-22w

IND



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas Inc.**

PO Box 837
Russell, KS 67665

ATTN: Randy Killian

15-065-23563 0000

25 9s 22w Graham KS

Pawley #1

NE SW NW

Start Date: 2009.09.06 @ 17:11:00

End Date: 2009.09.07 @ 01:52:30

Job Ticket #: 35830 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Printed: 2009.09.17 @ 12:29:17 Page 1

Prospect Oil & Gas Inc.

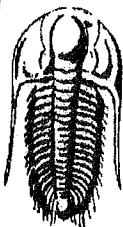
Pawley #1

25 9s 22w Graham KS

DST # 1

LKC "A"

2009.09.06



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prospect Oil & Gas Inc.

PO Box 837
Russell, KS 67665

ATTN: Randy Killian

Pawley #1

25 9s 22w Graham KS

Job Ticket: 35830

DST#: 1

Test Start: 2009.09.06 @ 17:11:00

GENERAL INFORMATION:

Formation: **LKC "A"**

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

Time Tool Opened: 19:06:30

Time Test Ended: 01:52:30

Interval: **3527.00 ft (KB) To 3590.00 ft (KB) (TVD)**

Total Depth: **3590.00 ft (KB) (TVD)**

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

Test Type: **Conventional Bottom Hole**

Tester: **James Winder**

Unit No: **46**

Reference Elevations: **2372.00 ft (KB)**

2367.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 8366

Inside

Press@RunDepth: **222.46 psig @ 3528.00 ft (KB)**

Start Date: **2009.09.06**

End Date:

2009.09.07

Start Time: **17:11:05**

End Time:

01:52:30

Capacity: **7000.00 psig**

Last Calib.: **2009.09.07**

Time On Btm: **2009.09.06 @ 19:05:00**

Time Off Btm: **2009.09.06 @ 23:43:30**

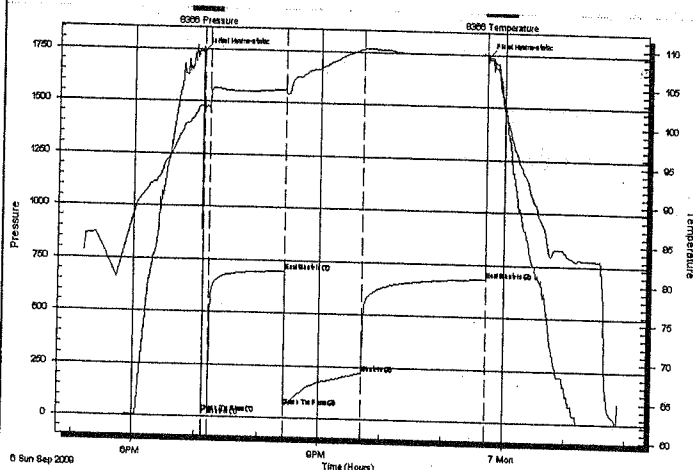
TEST COMMENT: IF: Blow built to 3 1/2"

IS: Bled off, No blow back

FF: Blow started at 2 min., built to BOB (11") in 32 min.

FSI: Bled off, No blow back

Pressure vs. Time



PRESSURE SUMMARY

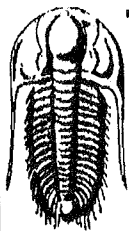
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1738.23	101.95	Initial Hydro-static
2	18.86	101.53	Open To Flow (1)
7	49.42	102.13	Shut-In (1)
81	699.43	104.24	End Shut-In (1)
82	56.83	103.93	Open To Flow (2)
157	222.46	109.59	Shut-In (2)
277	681.15	109.27	End Shut-In (2)
279	1739.16	108.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
245.00	MCW w/trace oil 72%w, 28%o	1.20
185.00	WM w/trace oil 58%o, 42%w	1.76
25.00	SOCM 99%o, 1%w	0.35
0.00	RW = .149 ohms @ 64.7 deg F	0.00
0.00	Chlorides = 52,000 ppm	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

Prospect Oil & Gas Inc.

Pawley #1

PO Box 837
Russell, KS 67665

25 9s 22w Graham KS

Job Ticket: 35830

DST#: 1

ATTN: Randy Killian

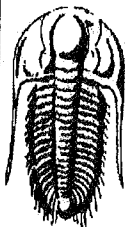
Test Start: 2009.09.06 @ 17:11:00

Tool Information

Drill Pipe:	Length: 3190.00 ft	Diameter: 3.80 inches	Volume: 44.75 bbl	Tool Weight:	1500.00 lb	
Heavy Wt. Pipe:	Length: 337.00 ft	Diameter: 2.25 inches	Volume: 1.66 bbl	Weight set on Packer:	20000.00 lb	
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb	
			Total Volume:	46.41 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	47000.00 lb	
Depth to Top Packer:	3527.00 ft			Final	49000.00 lb	
Depth to Bottom Packer:	ft					
Interval between Packers:	63.00 ft					
Tool Length:	83.00 ft					
Number of Packers:	2	Diameter:	6.75 inches			
Tool Comments:						

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
S.I. Tool	5.00			3512.00	
HYD S.I. Tool	5.00			3517.00	
Packer	5.00			3522.00	20.00 Bottom Of Top Packer
Packer	5.00			3527.00	
Stubb	1.00			3528.00	
Recorder	0.00	8366	Inside	3528.00	
Recorder	0.00	8320	Inside	3528.00	
Perforations	22.00			3550.00	
Blank Spacing	32.00			3582.00	
Perforations	5.00			3587.00	
Bullnose	3.00			3590.00	63.00 Bottom Packers & Anchor

Total Tool Length: 83.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Inc.

Pawley #1

PO Box 837
Russell, KS 67665

25 9s 22w Graham KS

Job Ticket: 35830

DST#: 1

ATTN: Randy Killian

Test Start: 2009.09.06 @ 17:11:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 7.57 in³

Resistivity: ohm.m

Salinity: 1400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

deg API

Water Salinity:

52000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
245.00	MCW w/trace oil 72%w, 28%m	1.205
185.00	WM w/trace oil 58%m, 42%w	1.757
25.00	SOCM 99%m, 1%o	0.351
0.00	RW = .149 ohms @ 64.7 deg F	0.000
0.00	Chlorides = 52,000 ppm	0.000

Total Length: 455.00 ft

Total Volume: 3.313 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

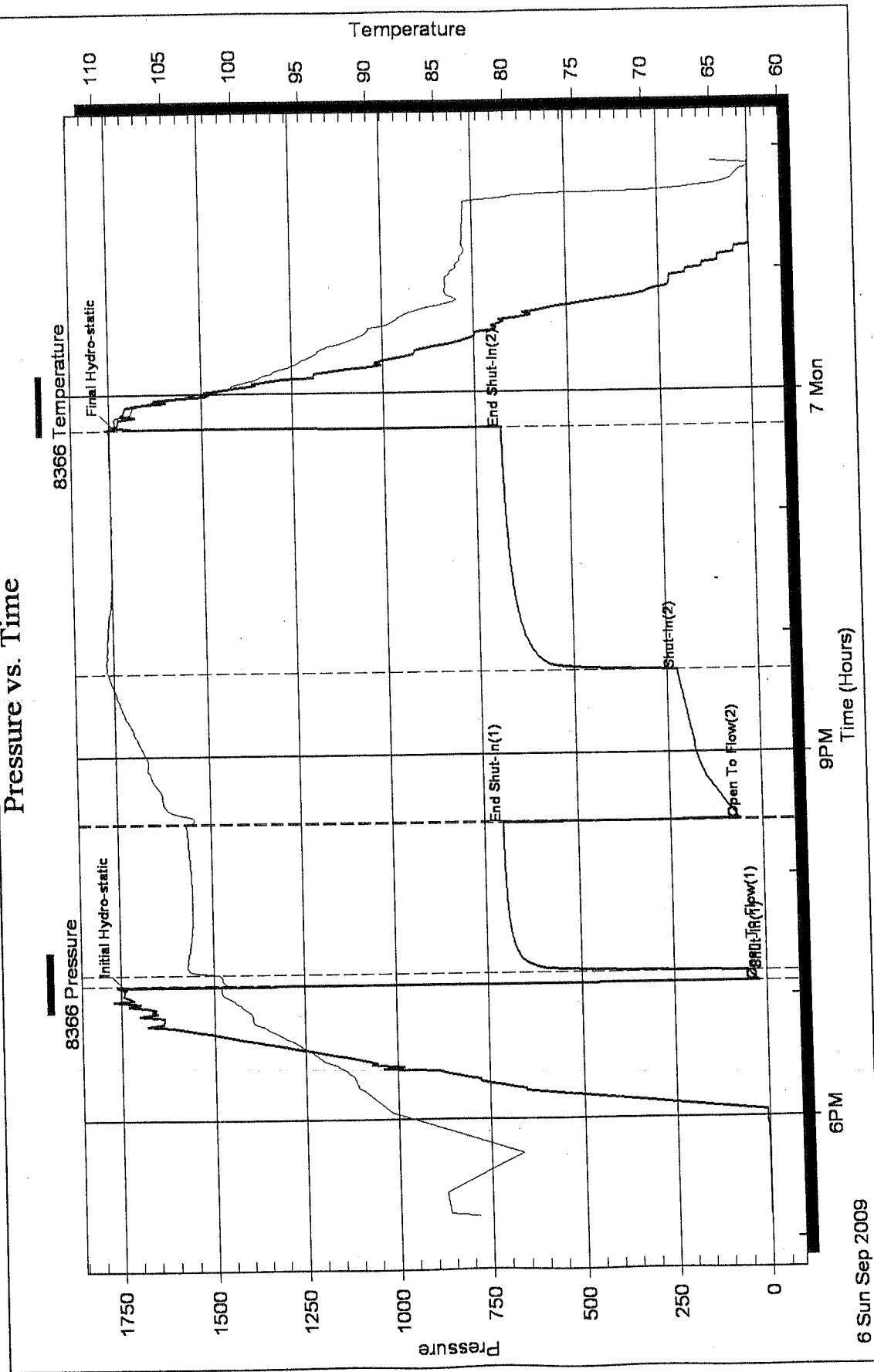
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas Inc.**

PO Box 837
Russell, KS 67665

ATTN: Randy Killian

25 9s 22w Graham KS

Pawley #1

Start Date: 2009.09.07 @ 09:51:02

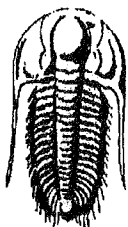
End Date: 2009.09.07 @ 15:40:47

Job Ticket #: 36048 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prospect Oil & Gas Inc.

PO Box 837
Russell, KS 67665

ATTN: Randy Killian

Pawley #1

25 9s 22w Graham KS

Job Ticket: 36048

DST#: 2

Test Start: 2009.09.07 @ 09:51:02

GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:26:02

Time Test Ended: 15:40:47

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 44

Interval: **3594.00 ft (KB) To 3620.00 ft (KB) (TVD)**

Total Depth: 3620.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2372.00 ft (KB)

2367.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6669

Inside

Press@RunDepth: 37.90 psig @ 3597.00 ft (KB)

Start Date: 2009.09.07

End Date:

2009.09.07

Start Time: 09:51:03

End Time:

15:40:47

Capacity: 7000.00 psig

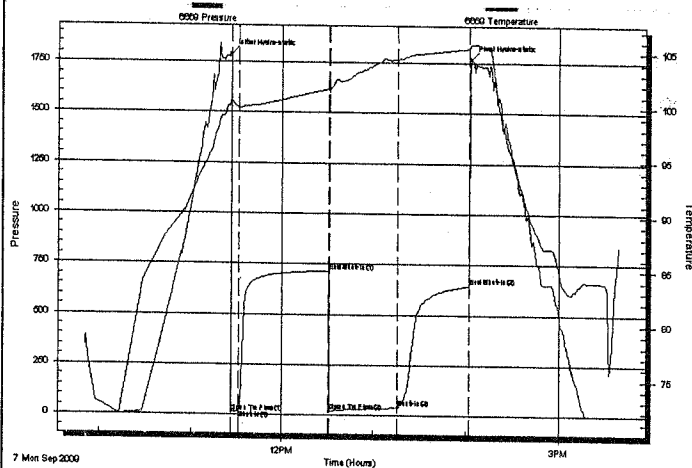
Last Calib.: 2009.09.07

Time On Btm: 2009.09.07 @ 11:25:47

Time Off Btm: 2009.09.07 @ 14:02:47

TEST COMMENT: IFP-Weak surface blow throughout
ISI-no blow back
FFP-Weak surface blow built to 1"
FSI-no blow back

Pressure vs. Time



PRESSURE SUMMARY

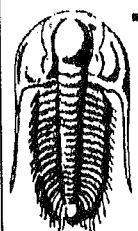
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1790.28	100.89	Initial Hydro-static
1	10.79	100.10	Open To Flow(1)
6	18.11	99.95	Shut-In(1)
65	714.64	101.66	End Shut-In(1)
66	20.33	101.43	Open To Flow(2)
110	37.90	104.44	Shut-In(2)
156	644.31	105.45	End Shut-In(2)
157	1769.61	105.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	Mud w/ scum of oil	0.25

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Inc.

Pawley #1

PO Box 837
Russell, KS 67665

25 9s 22w Graham KS

Job Ticket: 36048

DST#: 2

ATTN: Randy Killian

Test Start: 2009.09.07 @ 09:51:02

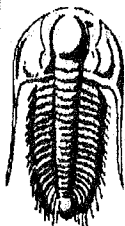
Tool Information

Drill Pipe:	Length: 3288.00 ft	Diameter: 3.82 inches	Volume: 46.61 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 300.00 ft	Diameter: 2.25 inches	Volume: 1.48 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 48.09 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3594.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	47.00 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			3574.00	
Shut In Tool	5.00			3579.00	
Hydraulic tool	5.00			3584.00	
Packer	5.00			3589.00	21.00 Bottom Of Top Packer
Packer	5.00			3594.00	
Stubb	1.00			3595.00	
Perforations	2.00			3597.00	
Recorder	0.00	6669	Inside	3597.00	
Recorder	0.00	6719	Inside	3597.00	
Perforations	20.00			3617.00	
Bullnose	3.00			3620.00	26.00 Bottom Packers & Anchor

Total Tool Length: 47.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Inc.

Pawley #1

PO Box 837
Russell, KS 67665

25 9s 22w Graham KS

Job Ticket: 36048

DST#: 2

ATTN: Randy Killian

Test Start: 2009.09.07 @ 09:51:02

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 7.97 in³

Resistivity: ohm.m

Salinity: 2000.00 ppm

Filter Cake: 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
50.00	Mud w/ scum of oil	0.246

Total Length: 50.00 ft

Total Volume: 0.246 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

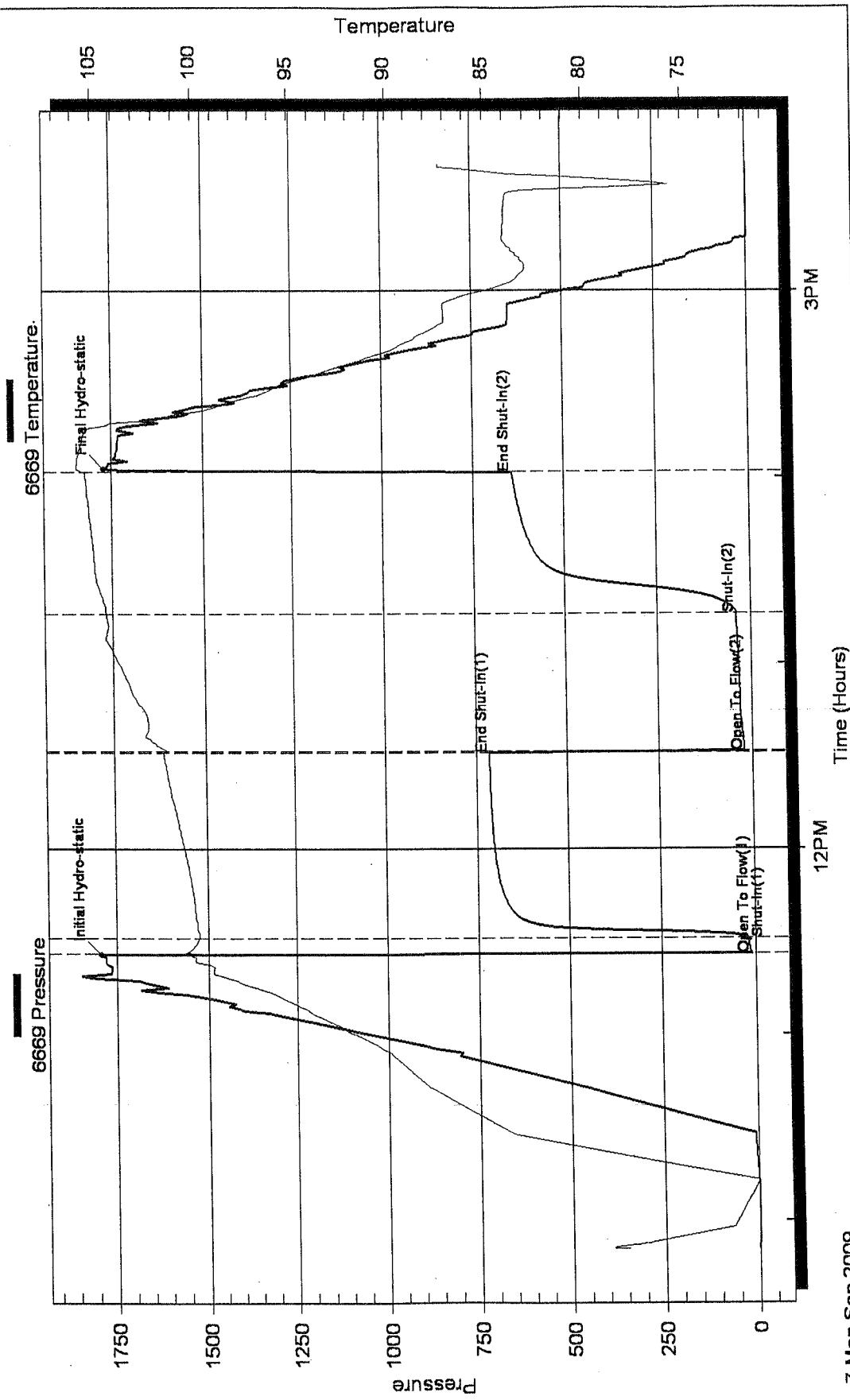
Serial #:

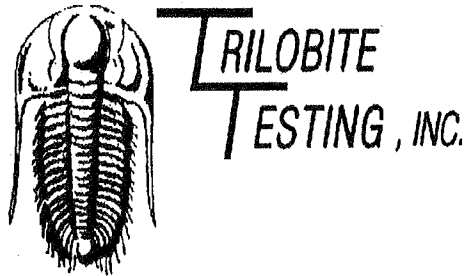
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas Inc.**

PO Box 837
Russell, KS 67665

ATTN: Randy Killian

25 9s 22w Graham KS

Pawley #1

Start Date: 2009.09.07 @ 23:15:59

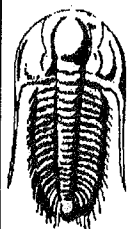
End Date: 2009.09.08 @ 04:56:59

Job Ticket #: 36049 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prospect Oil & Gas Inc.

PO Box 837
Russell, KS 67665

ATTN: Randy Killian

Pawley #1

25 9s 22w Graham KS

Job Ticket: 36049

DST#: 3

Test Start: 2009.09.07 @ 23:15:59

GENERAL INFORMATION:

Formation: **LKC "F"**

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

Time Tool Opened: 01:15:44

Time Test Ended: 04:56:59

Test Type: **Conventional Bottom Hole**

Tester: **Tyson Flax**

Unit No: **44**

Interval: **3640.00 ft (KB) To 3665.00 ft (KB) (TVD)**

Total Depth: **3665.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2372.00 ft (KB)**

2367.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 6669 **Inside**

Press@RunDepth: **39.48 psig @ 3642.00 ft (KB)**

Start Date: **2009.09.07**

End Date: **2009.09.08**

Start Time: **23:16:00**

End Time: **04:56:59**

Capacity: **7000.00 psig**

Last Calib.: **2009.09.08**

Time On Btm: **2009.09.08 @ 01:15:14**

Time Off Btm: **2009.09.08 @ 03:17:59**

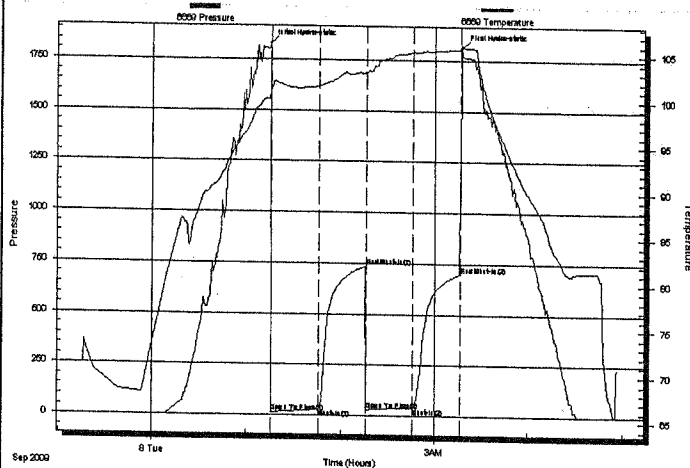
TEST COMMENT: **IFP-Weak surface blow built to 1.5"**

ISI-no blow back

FFP-Weak surface blow throughout

FSI-no blow back

Pressure vs. Time



PRESSURE SUMMARY

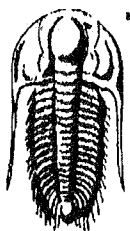
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1826.96	100.92	Initial Hydro-static
1	12.79	101.10	Open To Flow (1)
31	29.18	101.62	Shut-In(1)
61	734.31	103.11	End Shut-In(1)
61	30.62	102.84	Open To Flow (2)
91	39.48	105.35	Shut-In(2)
122	697.35	105.72	End Shut-In(2)
123	1810.69	106.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	VSOCM 2%O,98%M	0.30

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Inc.

Pawley #1

PO Box 837
Russell, KS 67665

25 9s 22w Graham KS

Job Ticket: 36049

DST#: 3

ATTN: Randy Killian

Test Start: 2009.09.07 @ 23:15:59

Tool Information

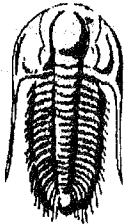
Drill Pipe:	Length: 3322.00 ft	Diameter: 3.82 inches	Volume: 47.09 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 300.00 ft	Diameter: 2.25 inches	Volume: 1.48 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 48.57 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3640.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	46.00 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			3620.00	
Shut In Tool	5.00			3625.00	
Hydraulic tool	5.00			3630.00	
Packer	5.00			3635.00	21.00 Bottom Of Top Packer
Packer	5.00			3640.00	
Stubb	1.00			3641.00	
Perforations	1.00			3642.00	
Recorder	0.00	6669	Inside	3642.00	
Recorder	0.00	6719	Inside	3642.00	
Perforations	20.00			3662.00	
Bullnose	3.00			3665.00	25.00 Bottom Packers & Anchor

Total Tool Length: 46.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Inc.

Pawley #1

PO Box 837
Russell, KS 67665

25 9s 22w Graham KS

Job Ticket: 36049

DST#: 3

ATTN: Randy Killian

Test Start: 2009.09.07 @ 23:15:59

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: 2000.00 ppm

Filter Cake: 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
60.00	VSOCM 2%O,98%M	0.295

Total Length: 60.00 ft

Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

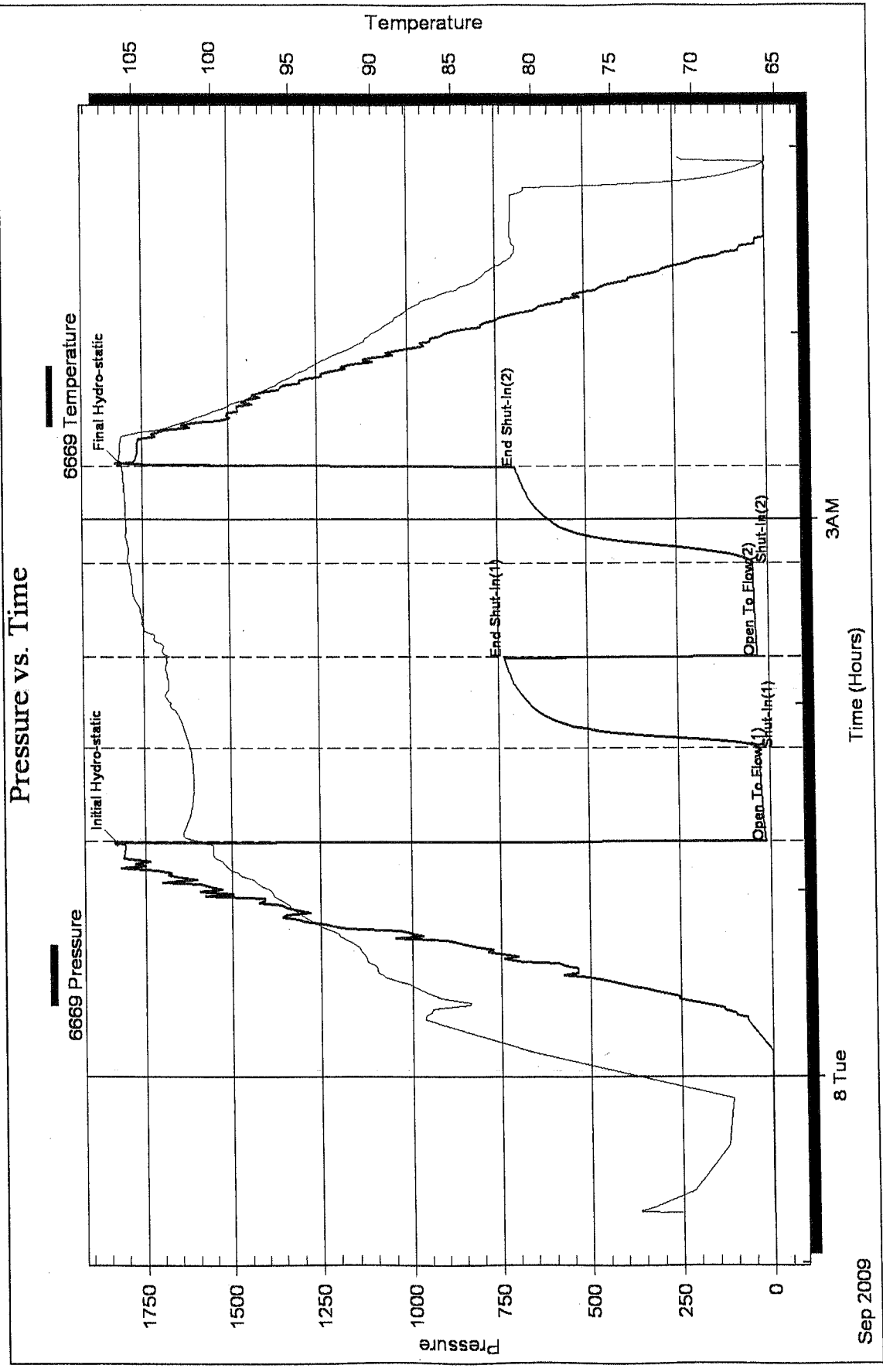
Serial #:

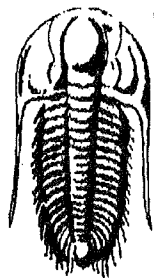
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas Inc.**

PO Box 837
Russell, KS 67665

ATTN: Randy Killian

25 9s 22w Graham KS

Pawley #1

Start Date: 2009.09.08 @ 18:16:08

End Date: 2009.09.09 @ 00:46:23

Job Ticket #: 36050

DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Prospect Oil & Gas Inc.

PO Box 837
Russell, KS 67665

ATTN: Randy Killian

Pawley #1

25 9s 22w Graham KS

Job Ticket: 36050

DST#: 4

Test Start: 2009.09.08 @ 18:16:08

GENERAL INFORMATION:

Formation: **LKC "H-K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:48:08

Time Test Ended: 00:46:23

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 44

Interval: **3740.00 ft (KB) To 3795.00 ft (KB) (TVD)**

Total Depth: 3795.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2372.00 ft (KB)

2367.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6669

Inside

Press@RunDepth: 197.21 psig @ 3744.00 ft (KB)

Start Date: 2009.09.08

End Date:

2009.09.09

Capacity: 7000.00 psig

Last Calib.: 2009.09.09

Start Time: 18:16:09

End Time:

00:46:23

Time On Btm: 2009.09.08 @ 19:47:53

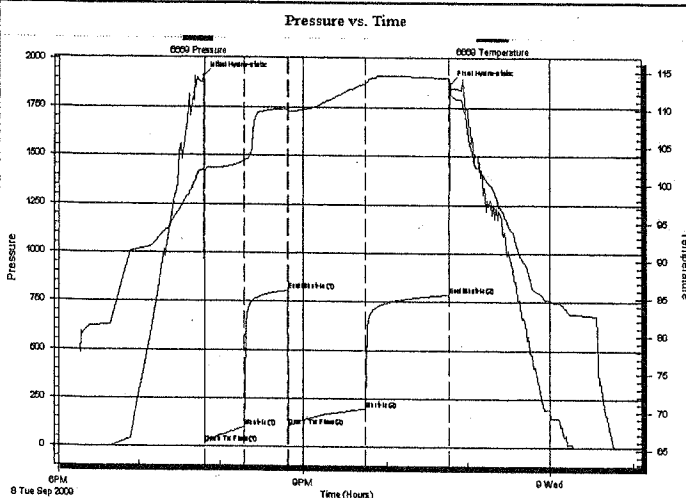
Time Off Btm: 2009.09.08 @ 22:47:08

TEST COMMENT: IFP-Weak blow built to 7"

ISI-no blow back

FFP-Weak blow built to 6.5"

FSI-no blow back



PRESSURE SUMMARY

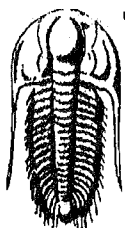
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1911.12	102.06	Initial Hydro-static
1	15.36	101.42	Open To Flow (1)
30	100.58	103.08	Shut-In (1)
61	805.17	110.04	End Shut-In (1)
62	103.99	109.84	Open To Flow (2)
117	197.21	113.40	Shut-In (2)
179	786.12	114.18	End Shut-In (2)
180	1875.21	112.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	MW 90%W,10%M	0.89
120.00	MW 60%W<40%M	0.59
90.00	WM 30%W,70%M	1.28

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Inc.

Pawley #1

PO Box 837
Russell, KS 67665

25 9s 22w Graham KS

Job Ticket: 36050

DST#:4

ATTN: Randy Killian

Test Start: 2009.09.08 @ 18:16:08

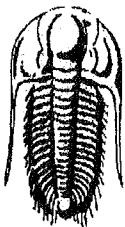
Tool Information

Drill Pipe:	Length: 3443.00 ft	Diameter: 3.82 inches	Volume: 48.81 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: 300.00 ft	Diameter: 2.25 inches	Volume: 1.48 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	70000.00 lb
			Total Volume: 50.29 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial	46000.00 lb
Depth to Top Packer:	3740.00 ft			Final	48000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	55.00 ft				
Tool Length:	76.00 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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Change Over Sub	1.00			3720.00	
Shut In Tool	5.00			3725.00	
Hydraulic tool	5.00			3730.00	
Packer	5.00			3735.00	21.00 Bottom Of Top Packer
Packer	5.00			3740.00	
Stubb	1.00			3741.00	
Perforations	2.00			3743.00	
Change Over Sub	1.00			3744.00	
Recorder	0.00	6719	Inside	3744.00	
Recorder	0.00	6669	Inside	3744.00	
Blank Spacing	32.00			3776.00	
Change Over Sub	1.00			3777.00	
Perforations	15.00			3792.00	
Bullnose	3.00			3795.00	55.00 Bottom Packers & Anchor

Total Tool Length: 76.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Inc.

Pawley #1

PO Box 837
Russell, KS 67665

25 9s 22w Graham KS

Job Ticket: 36050

DST#: 4

ATTN: Randy Killian

Test Start: 2009.09.08 @ 18:16:08

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 7.78 in³

Resistivity: ohm.m

Salinity: 2800.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

31000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	MW 90%W,10%M	0.885
120.00	MW 60%W<40%M	0.590
90.00	WM 30%W,70%M	1.276

Total Length: 390.00 ft

Total Volume: 2.751 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

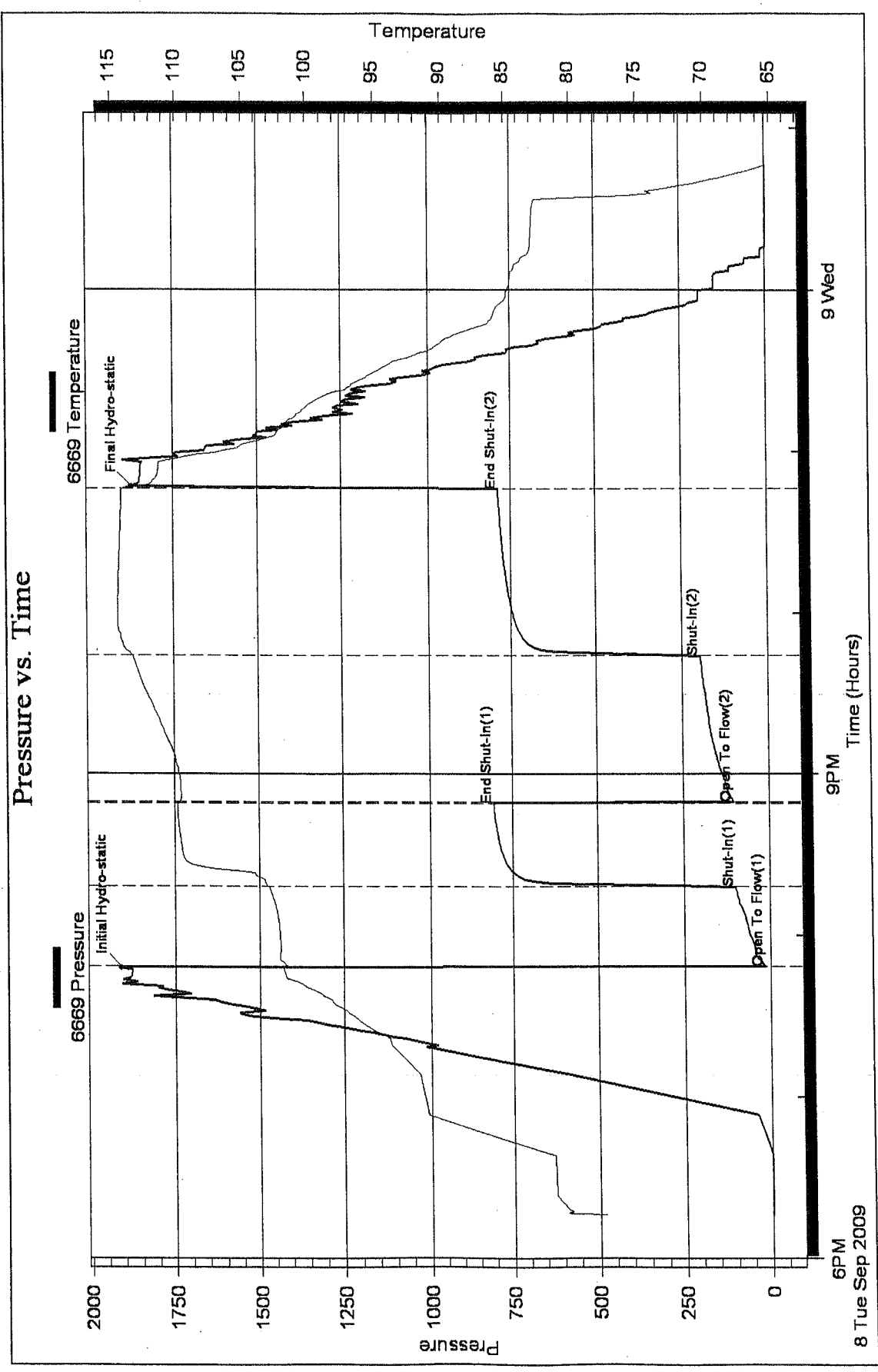
Serial #:

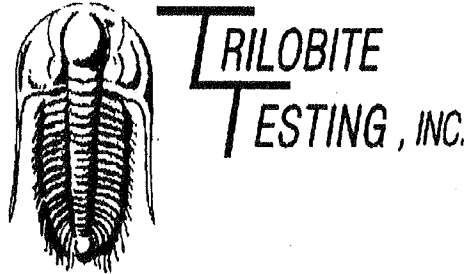
Laboratory Name:

Laboratory Location:

Recovery Comments: RW .27 @ 56 = 31000 ppm chlorides

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas Inc.**

PO Box 837
Russell, KS 67665

ATTN: Randy Killian

25 9s 22w Graham KS

Pawley #1

Start Date: 2009.09.09 @ 18:05:54

End Date: 2009.09.09 @ 23:35:09

Job Ticket #: 35551 DST #: 5

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prospect Oil & Gas Inc.

PO Box 837
Russell, KS 67665

ATTN: Randy Killian

Pawley #1

25 9s 22w Graham KS

Job Ticket: 35551

DST#: 5

Test Start: 2009.09.09 @ 18:05:54

GENERAL INFORMATION:

Formation: **Arbuickie**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:11:24

Time Test Ended: 23:35:09

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 44

Interval: **3838.00 ft (KB) To 3915.00 ft (KB) (TVD)**

Total Depth: 3915.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2372.00 ft (KB)

2367.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6669 Inside

Press@RunDepth: 19.86 psig @ 3842.00 ft (KB)

Start Date: 2009.09.09

End Date:

2009.09.09

Start Time: 18:05:55

End Time:

23:35:09

Capacity: 7000.00 psig

Last Calib.: 2009.09.10

Time On Btm: 2009.09.09 @ 20:10:39

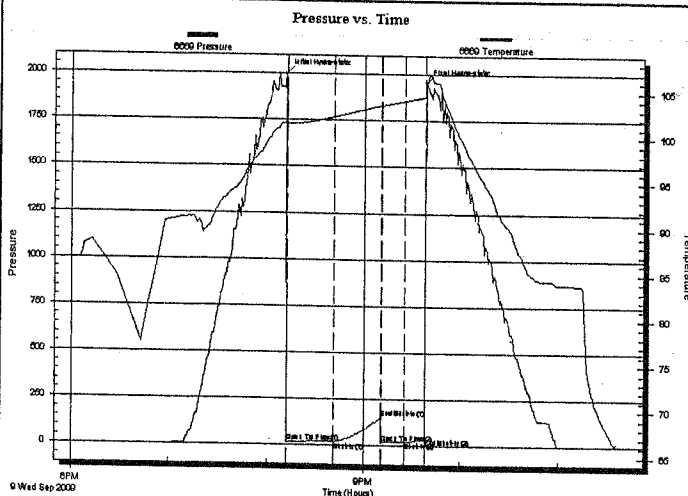
Time Off Btm: 2009.09.09 @ 21:38:39

TEST COMMENT: IFF-Weak surface blow died in 23 min

ISI-no blow back

FFP-no blow

FSI-no blow back



PRESSURE SUMMARY

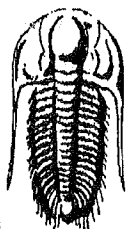
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1998.05	101.68	Initial Hydro-static
1	17.50	101.56	Open To Flow (1)
30	18.76	102.23	Shut-In (1)
60	152.03	103.54	End Shut-In (1)
61	19.28	103.49	Open To Flow (2)
75	19.86	104.02	Shut-In (2)
88	40.87	104.47	End Shut-In (2)
88	1955.49	105.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Inc.

Pawley #1

PO Box 837
Russell, KS 67665

25 9s 22w Graham KS

Job Ticket: 35551

DST#: 5

ATTN: Randy Killian

Test Start: 2009.09.09 @ 18:05:54

Tool Information

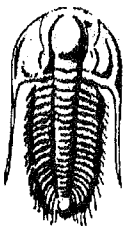
Drill Pipe:	Length: 3537.00 ft	Diameter: 3.82 inches	Volume: 50.14 bbl	Tool Weight:	2200.00 lb	
Heavy Wt. Pipe:	Length: 300.00 ft	Diameter: 2.25 inches	Volume: 1.48 bbl	Weight set on Packer:	25000.00 lb	
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb	
			Total Volume:	51.62 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	48000.00 lb	
Depth to Top Packer:	3838.00 ft			Final	48000.00 lb	
Depth to Bottom Packer:	ft					
Interval between Packers:	77.00 ft					
Tool Length:	98.00 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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Change Over Sub	1.00		3818.00	
Shut In Tool	5.00		3823.00	
Hydraulic tool	5.00		3828.00	
Packer	5.00		3833.00	21.00 Bottom Of Top Packer
Packer	5.00		3838.00	
Stubb	1.00		3839.00	
Perforations	2.00		3841.00	
Change Over Sub	1.00		3842.00	
Recorder	0.00	6719	Inside	3842.00
Recorder	0.00	6669	Inside	3842.00
Blank Spacing	61.00		3903.00	
Change Over Sub	1.00		3904.00	
Perforations	8.00		3912.00	
Bullnose	3.00		3915.00	77.00 Bottom Packers & Anchor

Total Tool Length: 98.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Inc.

Pawley #1

PO Box 837
Russell, KS 67665

25 9s 22w Graham KS

Job Ticket: 35551

DST#: 5

ATTN: Randy Killian

Test Start: 2009.09.09 @ 18:05:54

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 53.00 sec/qt

Water Loss: 8.78 in³

Resistivity: ohm.m

Salinity: 3400.00 ppm

Filter Cake: 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
5.00	Mud	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:

Pressure vs. Time

