



DRILL STEM TEST REPORT

Prepared For: **Brinker Enterprises LLC**

216 S. Marshall St.
Glen Elder KS 67446

ATTN: Lee Brinker

Bracy Jones #1

29-7s-16w Rooks,KS

Start Date: 2013.01.05 @ 14:15:46

End Date: 2013.01.05 @ 20:33:55

Job Ticket #: 51522 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.01.09 @ 11:39:01



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Brinker Enterprises LLC
216 S. Marshall St.
Glen Elder KS 67446
ATTN: Lee Brinker

29-7s-16w Rooks,KS

Bracy Jones #1

Job Ticket: 51522

DST#: 1

Test Start: 2013.01.05 @ 14:15:46

GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:53:41

Time Test Ended: 20:33:55

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 42

Interval: 2648.00 ft (KB) To 2678.00 ft (KB) (TVD)

Reference Elevations: 1750.00 ft (KB)

Total Depth: 2678.00 ft (KB) (TVD)

1745.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8369

Inside

Press @ Run Depth: 302.47 psig @ 2649.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.05

End Date:

2013.01.05

Last Calib.: 2013.01.05

Start Time: 14:15:46

End Time:

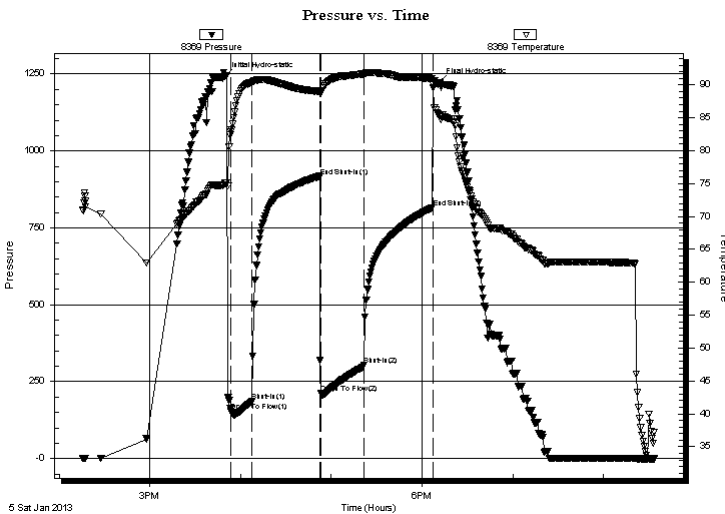
20:33:55

Time On Btm: 2013.01.05 @ 15:49:26

Time Off Btm: 2013.01.05 @ 18:10:56

TEST COMMENT: 15-IFP-strg bl in 1 min
45-ISIP-3/4" bl bk
30-FFP-strg bl in 1 min
45-FSIP-strg bl bk in 36 min

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1243.20	75.06	Initial Hydro-static
5	152.34	82.80	Open To Flow (1)
19	186.27	90.43	Shut-In(1)
63	916.02	89.01	End Shut-In(1)
64	213.40	88.65	Open To Flow (2)
93	302.47	91.68	Shut-In(2)
138	816.26	90.99	End Shut-In(2)
142	1220.98	85.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	215' GIP	0.00
186.00	MGO 10%G25%M65%O	1.52
715.00	CO	10.03

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brinker Enterprises LLC

29-7s-16w Rooks,KS

216 S. Marshall St.
Glen Elder KS 67446

Bracy Jones #1

Job Ticket: 51522

DST#: 1

ATTN: Lee Brinker

Test Start: 2013.01.05 @ 14:15:46

Tool Information

Drill Pipe:	Length: 2532.00 ft	Diameter: 3.80 inches	Volume: 35.52 bbl	Tool Weight:	2200.00 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	55000.00 lb
			<u>Total Volume: 36.11 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	32000.00 lb
Depth to Top Packer:	2648.00 ft			Final	36000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	30.00 ft				
Tool Length:	51.00 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			2628.00	
Shut In Tool	5.00			2633.00	
Hydraulic tool	5.00			2638.00	
Packer	5.00			2643.00	21.00 Bottom Of Top Packer
Packer	5.00			2648.00	
Stubb	1.00			2649.00	
Recorder	0.00	8369	Inside	2649.00	
Recorder	0.00	8700	Outside	2649.00	
Perforations	26.00			2675.00	
Bullnose	3.00			2678.00	30.00 Bottom Packers & Anchor
Total Tool Length:	51.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brinker Enterprises LLC

29-7s-16w Rooks,KS

216 S. Marshall St.
Glen Elder KS 67446

Bracy Jones #1

Job Ticket: 51522

DST#: 1

ATTN: Lee Brinker

Test Start: 2013.01.05 @ 14:15:46

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.94 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	215' GIP	0.000
186.00	MGO 10%G25%M65%O	1.516
715.00	CO	10.030

Total Length: 901.00 ft Total Volume: 11.546 bbl

Num Fluid Samples: 0

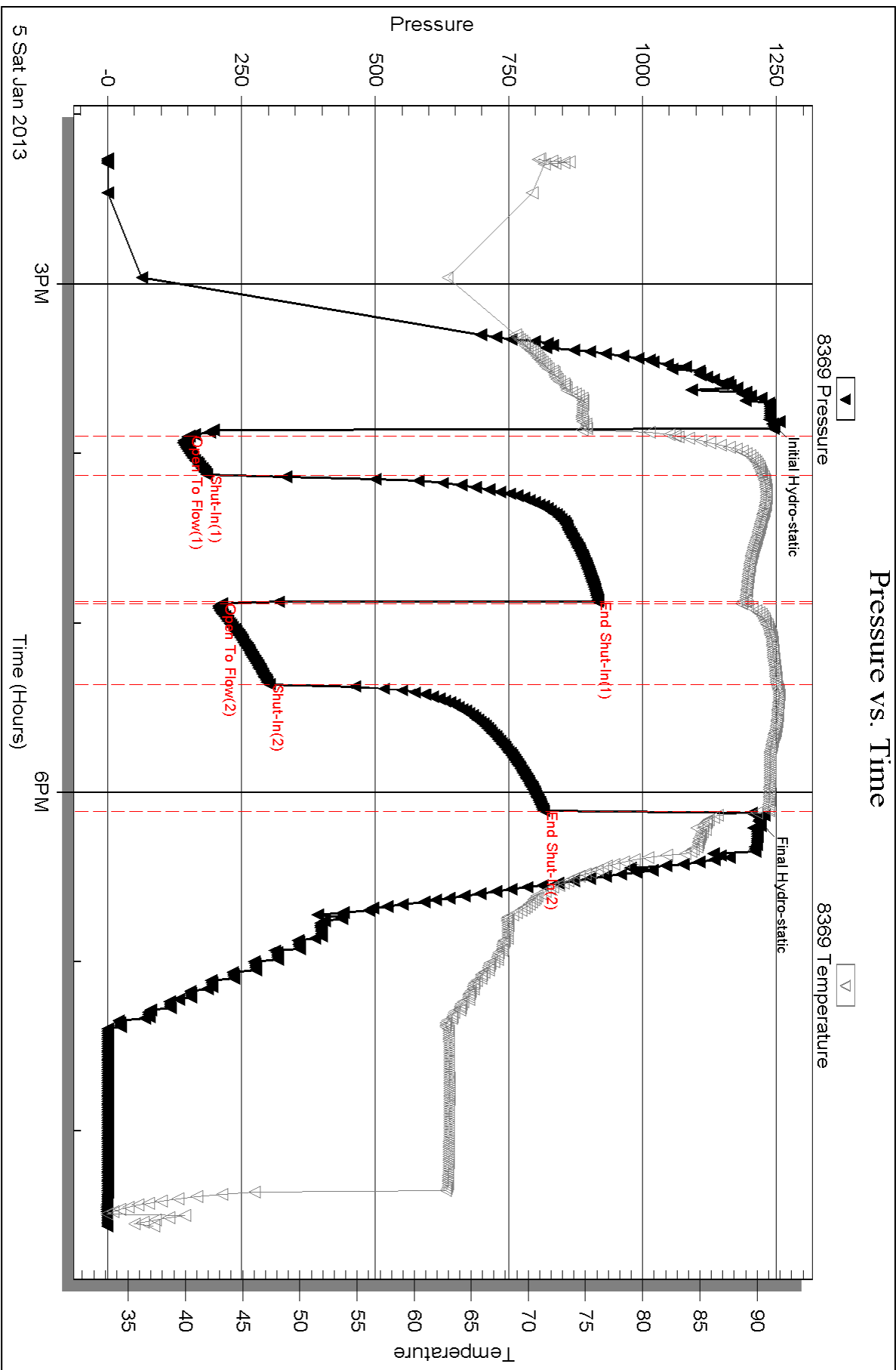
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

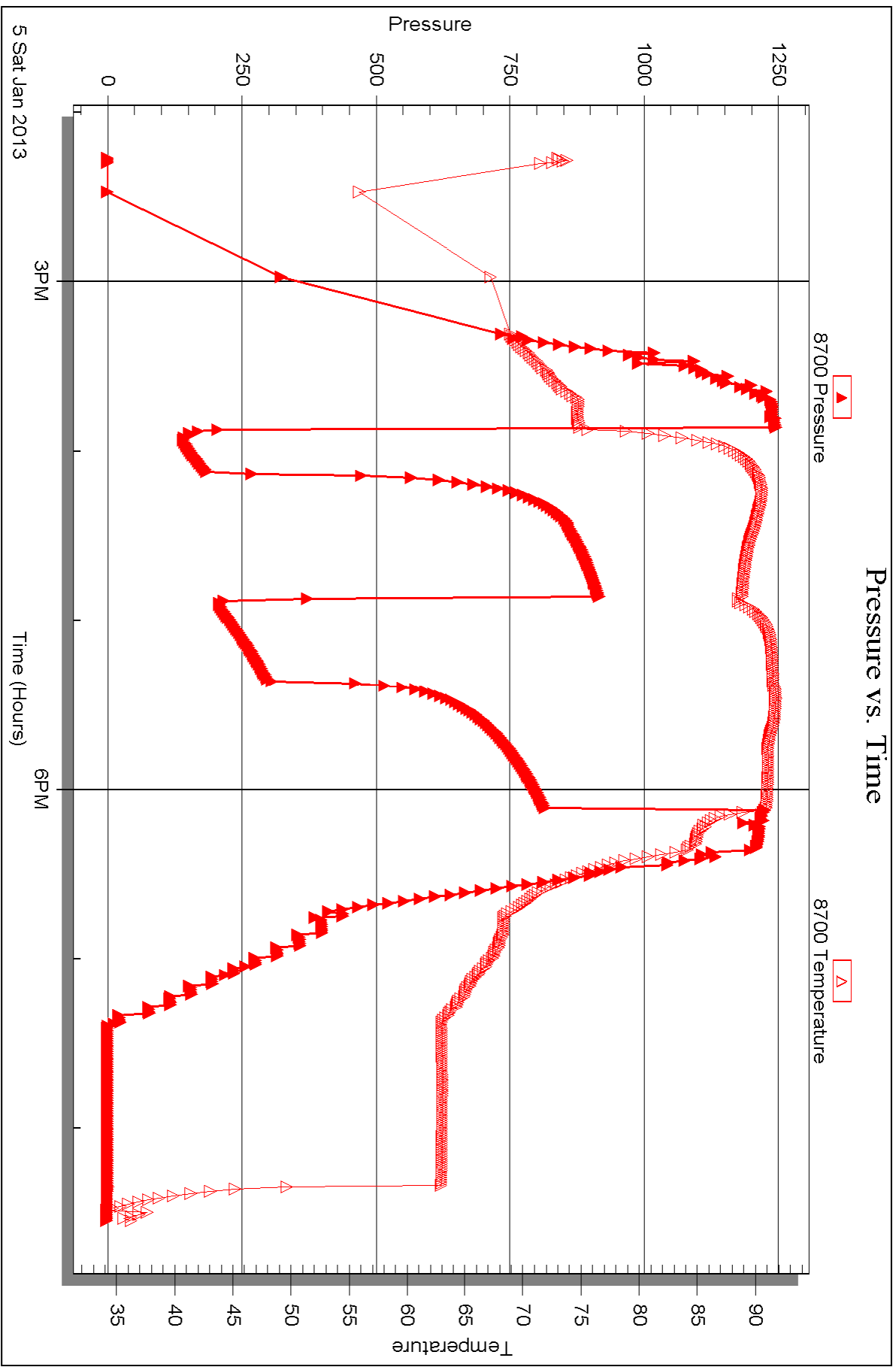


Serial #: 8700

Outside Brinker Enterprises LLC

Bracy Jones #1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Brinker Enterprises LLC**

216 S. Marshall St.
Glen Elder KS 67446

ATTN: Lee Brinker

Bracy Jones #1

29-7s-16w Rooks,KS

Start Date: 2013.01.06 @ 02:05:43

End Date: 2013.01.06 @ 08:43:07

Job Ticket #: 51523 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.01.09 @ 11:36:08

Brinker Enterprises LLC
29-7s-16w Rooks,KS
Bracy Jones #1
DST # 2
Deer Creek
2013.01.06



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Brinker Enterprises LLC

29-7s-16w Rooks,KS

216 S. Marshall St.
Glen Elder KS 67446

Bracy Jones #1

Job Ticket: 51523

DST#: 2

ATTN: Lee Brinker

Test Start: 2013.01.06 @ 02:05:43

GENERAL INFORMATION:

Formation: **Deer Creek**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:42:08

Time Test Ended: 08:43:07

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 42

Interval: 2678.00 ft (KB) To 2700.00 ft (KB) (TVD)

Reference Elevations: 1750.00 ft (KB)

Total Depth: 2700.00 ft (KB) (TVD)

1745.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8369

Inside

Press @ Run Depth: 215.61 psig @ 2679.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.06

End Date:

2013.01.06

Last Calib.:

2013.01.06

Start Time: 02:05:43

End Time:

08:43:07

Time On Btm:

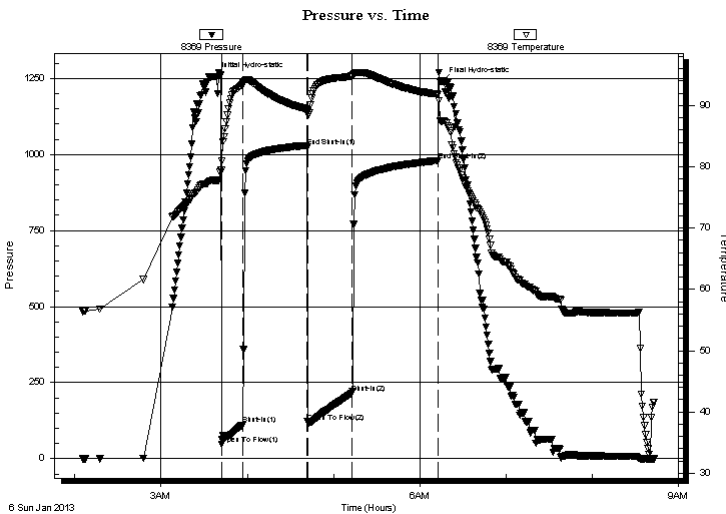
2013.01.06 @ 03:37:23

Time Off Btm:

2013.01.06 @ 06:15:23

TEST COMMENT: 15-IFP-strg bl in 3 min
45-ISIP-strg bl bk in 30 min
30-FFP-strg bl thru-out
60-FSIP-strg bl bk

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1255.25	77.78	Initial Hydro-static
5	47.07	79.45	Open To Flow (1)
20	111.87	93.46	Shut-In(1)
65	1024.62	89.39	End Shut-In(1)
65	121.19	88.90	Open To Flow (2)
96	215.61	94.78	Shut-In(2)
156	978.71	91.80	End Shut-In(2)
158	1239.72	87.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
140.00	GIP	0.87
124.00	MGO 15%G10%M75%O	1.74
540.00	CO	7.57

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brinker Enterprises LLC

29-7s-16w Rooks,KS

216 S. Marshall St.
Glen Elder KS 67446

Bracy Jones #1

Job Ticket: 51523

DST#: 2

ATTN: Lee Brinker

Test Start: 2013.01.06 @ 02:05:43

Tool Information

Drill Pipe:	Length: 2563.00 ft	Diameter: 3.80 inches	Volume: 35.95 bbl	Tool Weight: 2200.00 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 36.54 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 33000.00 lb
Depth to Top Packer:	2678.00 ft			Final 35000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	43.00 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			2658.00	
Shut In Tool	5.00			2663.00	
Hydraulic tool	5.00			2668.00	
Packer	5.00			2673.00	21.00 Bottom Of Top Packer
Packer	5.00			2678.00	
Stubb	1.00			2679.00	
Recorder	0.00	8369	Inside	2679.00	
Recorder	0.00	8700	Outside	2679.00	
Perforations	18.00			2697.00	
Bullnose	3.00			2700.00	22.00 Bottom Packers & Anchor
Total Tool Length:	43.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brinker Enterprises LLC

29-7s-16w Rooks,KS

216 S. Marshall St.
Glen Elder KS 67446

Bracy Jones #1

Job Ticket: 51523

DST#: 2

ATTN: Lee Brinker

Test Start: 2013.01.06 @ 02:05:43

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.94 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
140.00	GIP	0.871
124.00	MGO 15%G10%M75%O	1.739
540.00	CO	7.575

Total Length: 804.00 ft

Total Volume: 10.185 bbl

Num Fluid Samples: 0

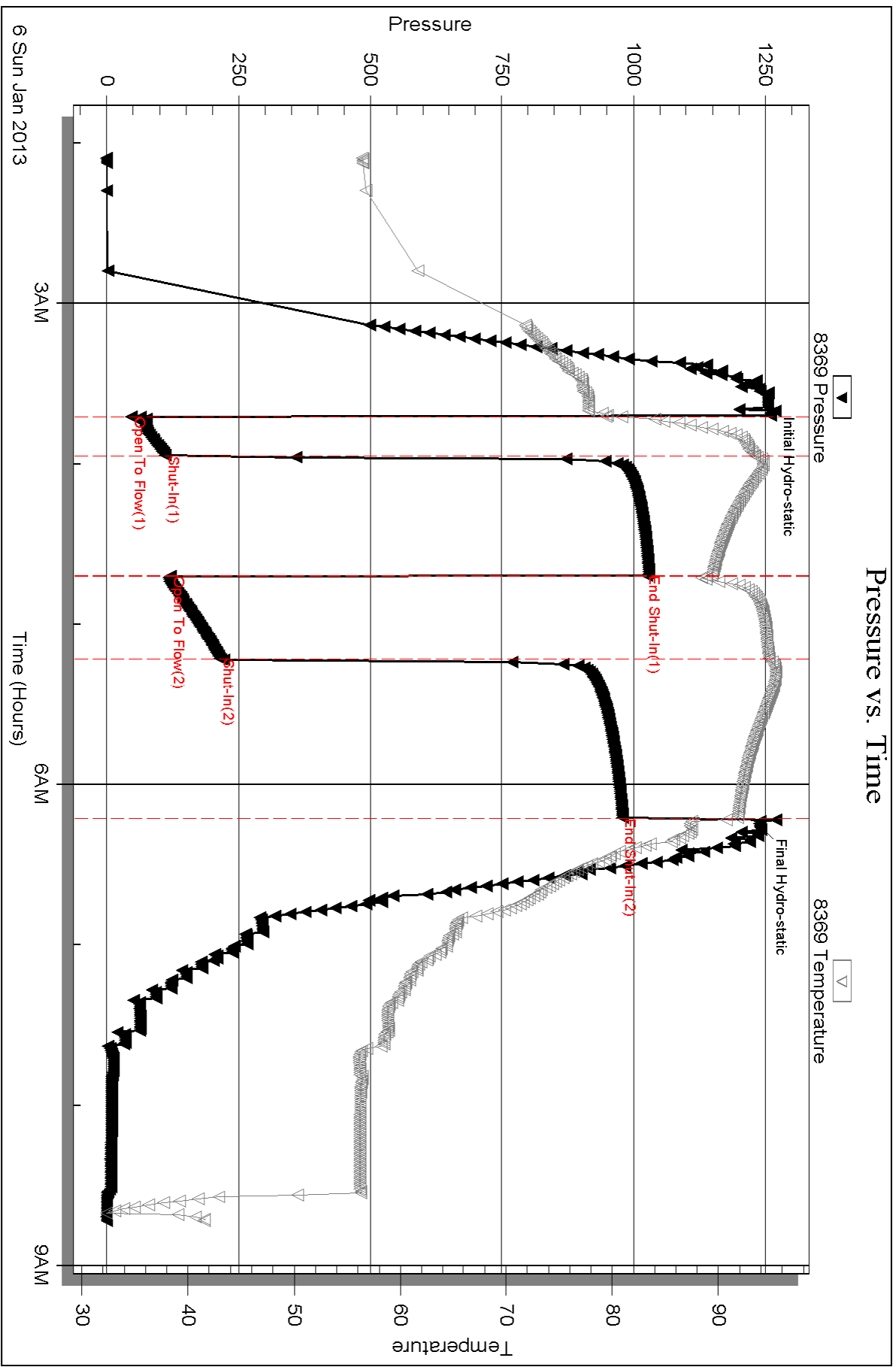
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

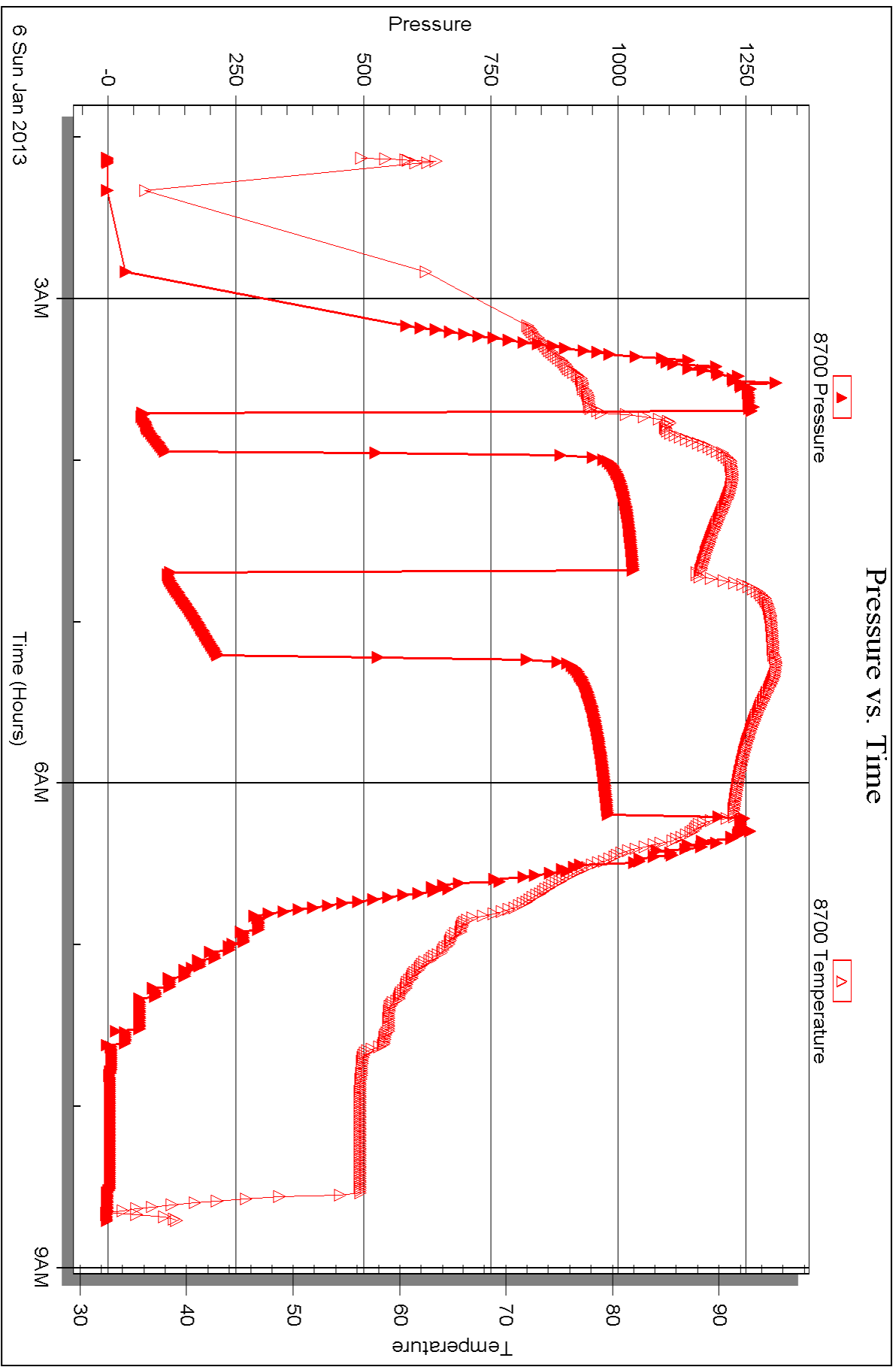


Serial #: 8700

Outside Brinker Enterprises LLC

Bracy Jones #1

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Brinker Enterprises LLC**

216 S. Marshall St.
Glen Elder KS 67446

ATTN: Lee Brinker

Bracy Jones #1

29-7s-16w Rooks,KS

Start Date: 2013.01.06 @ 16:00:56

End Date: 2013.01.06 @ 21:42:05

Job Ticket #: 51524 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.01.09 @ 11:35:25



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Brinker Enterprises LLC

29-7s-16w Rooks,KS

216 S. Marshall St.
Glen Elder KS 67446

Bracy Jones #1

Job Ticket: 51524

DST#: 3

ATTN: Lee Brinker

Test Start: 2013.01.06 @ 16:00:56

GENERAL INFORMATION:

Formation: **Lecompton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:24:51

Time Test Ended: 21:42:05

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 42

Interval: 2736.00 ft (KB) To 2770.00 ft (KB) (TVD)

Reference Elevations: 1750.00 ft (KB)

Total Depth: 2770.00 ft (KB) (TVD)

1745.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8369 Inside

Press @ Run Depth: 97.23 psig @ 2742.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.06

End Date:

2013.01.06

Last Calib.:

2013.01.06

Start Time:

16:00:56

End Time:

21:42:05

Time On Btm:

2013.01.06 @ 17:20:36

Time Off Btm:

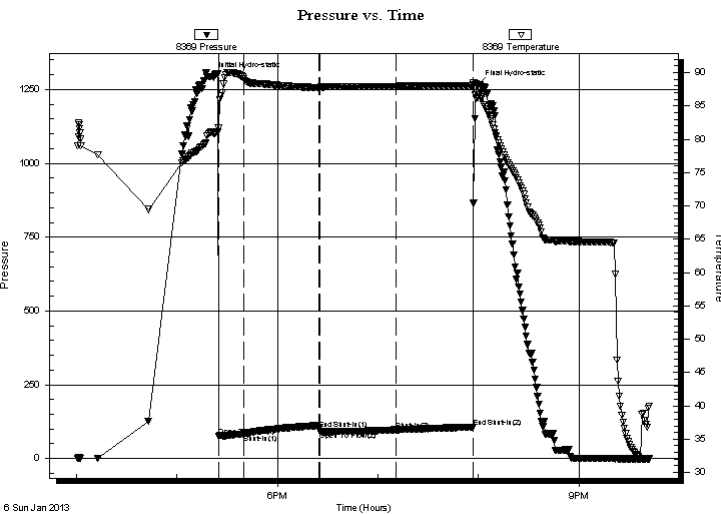
2013.01.06 @ 19:59:51

TEST COMMENT: 15-IFP-strg bl in 2min

45-ISIP-1/2" bl bk

30-FFP-w k to a fr bl 1/2" to 6" bl

60-FSIP-1/2" bl bk



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1293.31	81.08	Initial Hydro-static
5	73.99	81.66	Open To Flow (1)
20	83.74	89.08	Shut-In(1)
65	100.46	87.76	End Shut-In(1)
65	92.16	87.78	Open To Flow (2)
110	97.23	87.94	Shut-In(2)
157	106.36	88.11	End Shut-In(2)
160	1265.20	86.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	SGCMO 5%G30%M65%O	1.52
20.00	MO 10%M90%O	0.28

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brinker Enterprises LLC

29-7s-16w Rooks,KS

216 S. Marshall St.
Glen Elder KS 67446

Bracy Jones #1

Job Ticket: 51524

DST#: 3

ATTN: Lee Brinker

Test Start: 2013.01.06 @ 16:00:56

Tool Information

Drill Pipe:	Length: 2625.00 ft	Diameter: 3.80 inches	Volume: 36.82 bbl	Tool Weight:	2200.00 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	65000.00 lb
			<u>Total Volume: 37.41 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	32000.00 lb
Depth to Top Packer:	2736.00 ft			Final	34000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	34.00 ft				
Tool Length:	55.00 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			2716.00	
Shut In Tool	5.00			2721.00	
Hydraulic tool	5.00			2726.00	
Packer	5.00			2731.00	21.00 Bottom Of Top Packer
Packer	5.00			2736.00	
Stubb	1.00			2737.00	
Perforations	5.00			2742.00	
Recorder	0.00	8369	Inside	2742.00	
Recorder	0.00	8700	Outside	2742.00	
Perforations	25.00			2767.00	
Bullnose	3.00			2770.00	34.00 Bottom Packers & Anchor

Total Tool Length: 55.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brinker Enterprises LLC

29-7s-16w Rooks,KS

216 S. Marshall St.
Glen Elder KS 67446

Bracy Jones #1

Job Ticket: 51524

DST#: 3

ATTN: Lee Brinker

Test Start: 2013.01.06 @ 16:00:56

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: 42.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.93 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	SGCMO 5%G30%M65%O	1.516
20.00	MO 10%M90%O	0.281

Total Length: 206.00 ft

Total Volume: 1.797 bbl

Num Fluid Samples: 0

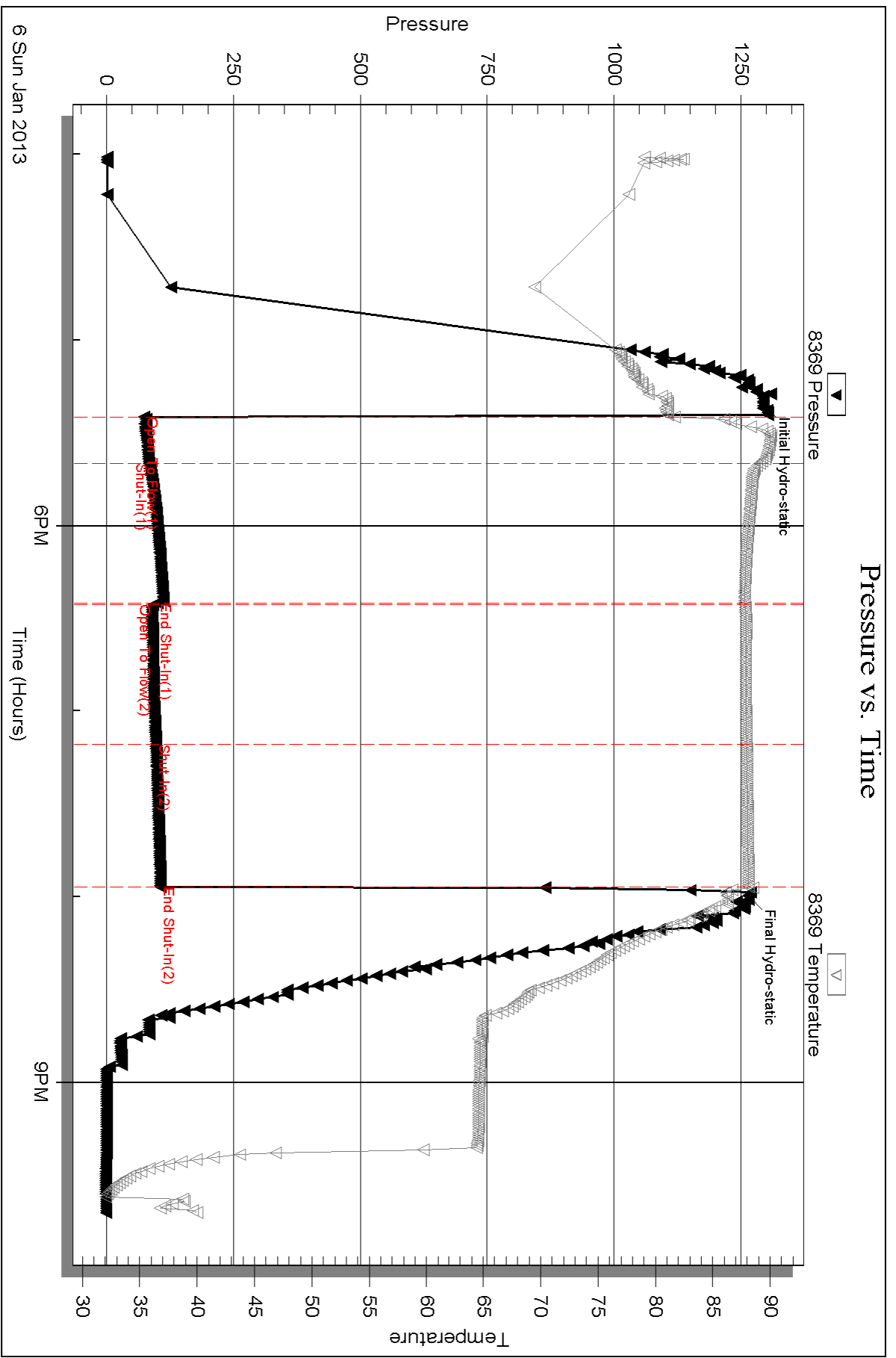
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

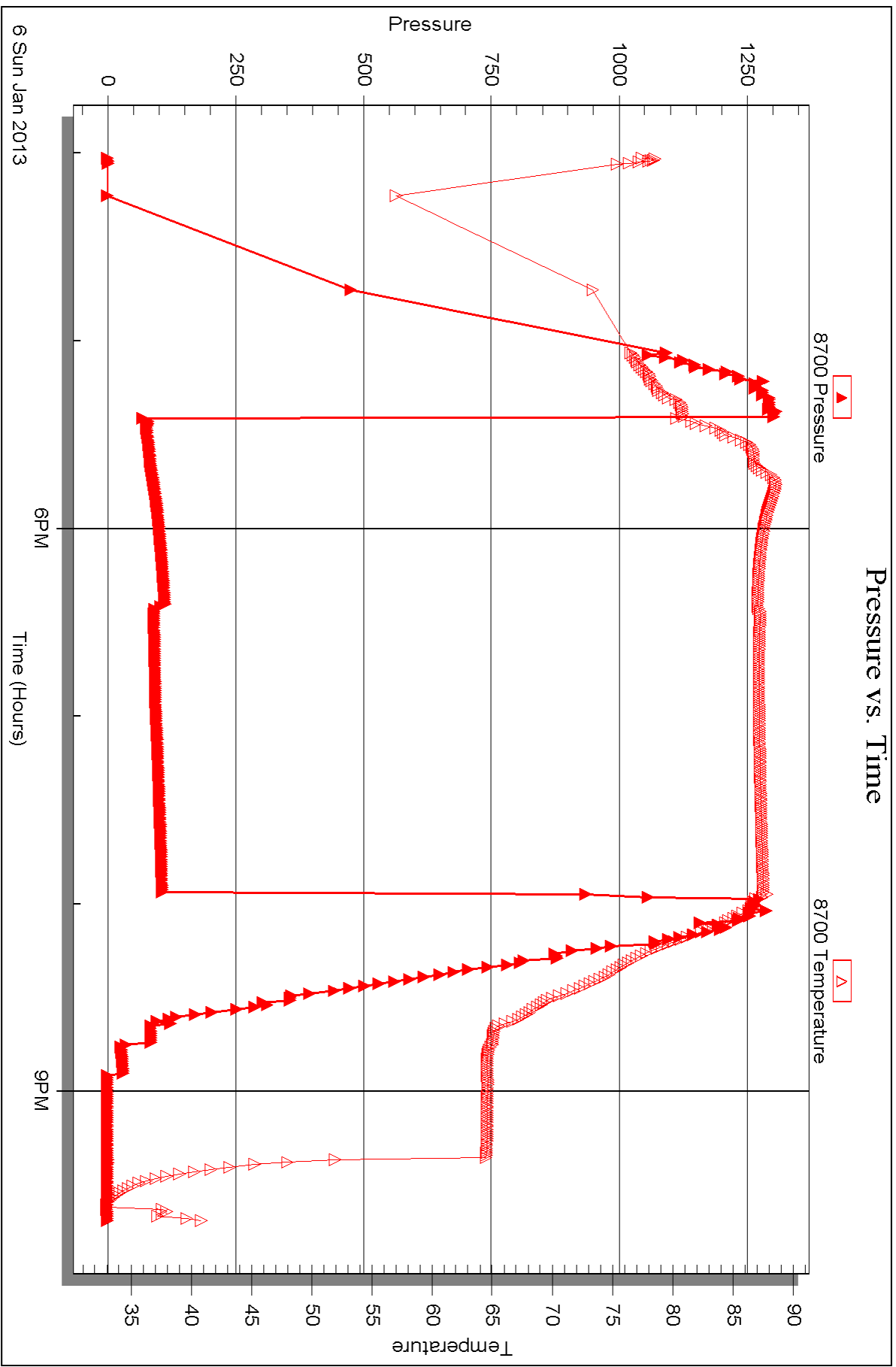


Serial #: 8700

Outside Brinker Enterprises LLC

Bracy Jones #1

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Brinker Enterprises LLC**

216 S. Marshall St.
Glen Elder KS 67446

ATTN: Lee Brinker

Bracy Jones #1

29-7s-16w Rooks,KS

Start Date: 2013.01.07 @ 08:00:05

End Date: 2013.01.07 @ 12:06:45

Job Ticket #: 51525 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.01.09 @ 11:34:36



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Brinker Enterprises LLC

29-7s-16w Rooks,KS

216 S. Marshall St.
Glen Elder KS 67446

Bracy Jones #1

Job Ticket: 51525

DST#: 4

ATTN: Lee Brinker

Test Start: 2013.01.07 @ 08:00:05

GENERAL INFORMATION:

Formation: **LKC A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:21:00

Time Test Ended: 12:06:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 42

Interval: 2888.00 ft (KB) To 2916.00 ft (KB) (TVD)

Reference Elevations: 1750.00 ft (KB)

Total Depth: 2916.00 ft (KB) (TVD)

1745.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8369

Inside

Press @ RunDepth: 11.35 psig @ 2889.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.07

End Date:

2013.01.07

Last Calib.:

2013.01.07

Start Time:

08:00:05

End Time:

12:06:45

Time On Btm:

2013.01.07 @ 09:18:15

Time Off Btm:

2013.01.07 @ 11:08:15

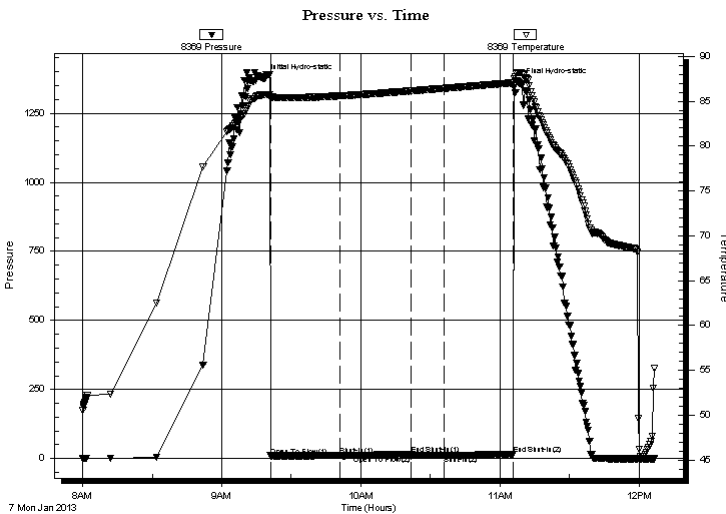
TEST COMMENT: 30-IFP-w k bl , died in 18 min

30-ISIP-no bl

15-FFP-no bl

30-FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1376.20	85.71	Initial Hydro-static
3	9.86	85.32	Open To Flow (1)
33	11.19	85.60	Shut-In(1)
64	15.45	86.16	End Shut-In(1)
64	10.45	86.15	Open To Flow (2)
78	11.35	86.45	Shut-In(2)
108	15.87	87.05	End Shut-In(2)
110	1359.25	88.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brinker Enterprises LLC

29-7s-16w Rooks,KS

216 S. Marshall St.
Glen Elder KS 67446

Bracy Jones #1

Job Ticket: 51525

DST#: 4

ATTN: Lee Brinker

Test Start: 2013.01.07 @ 08:00:05

Tool Information

Drill Pipe:	Length: 2778.00 ft	Diameter: 3.80 inches	Volume: 38.97 bbl	Tool Weight:	2200.00 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	50000.00 lb
			<u>Total Volume: 39.56 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	34000.00 lb
Depth to Top Packer:	2888.00 ft			Final	34000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	28.00 ft				
Tool Length:	49.00 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			2868.00	
Shut In Tool	5.00			2873.00	
Hydraulic tool	5.00			2878.00	
Packer	5.00			2883.00	21.00 Bottom Of Top Packer
Packer	5.00			2888.00	
Stubb	1.00			2889.00	
Recorder	0.00	8369	Inside	2889.00	
Recorder	0.00	8700	Outside	2889.00	
Perforations	24.00			2913.00	
Bullnose	3.00			2916.00	28.00 Bottom Packers & Anchor
Total Tool Length:	49.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brinker Enterprises LLC

29-7s-16w Rooks,KS

216 S. Marshall St.
Glen Elder KS 67446

Bracy Jones #1

Job Ticket: 51525

DST#: 4

ATTN: Lee Brinker

Test Start: 2013.01.07 @ 08:00:05

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.93 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Mud	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

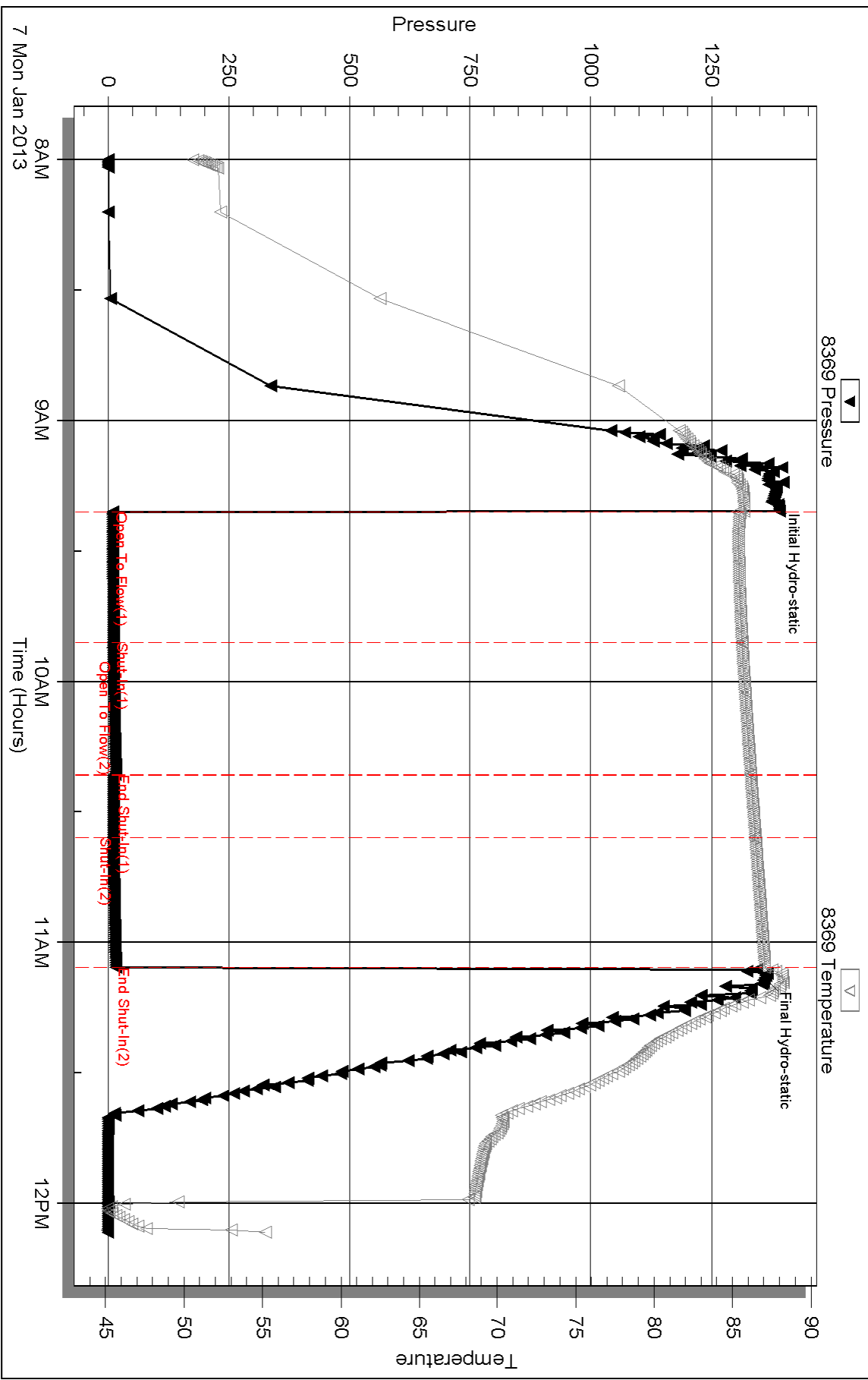
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

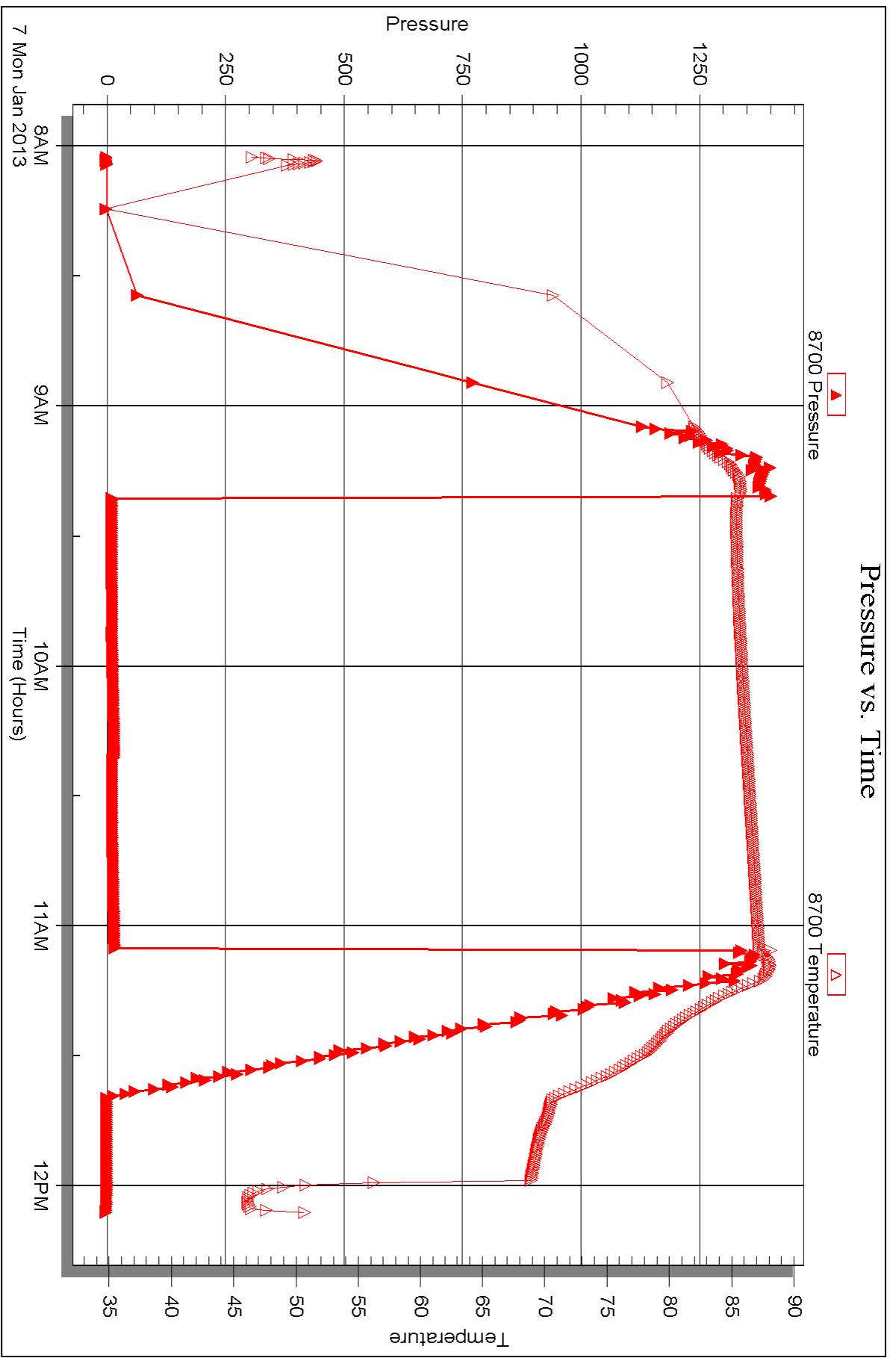


Serial #: 8700

Outside Brinker Enterprises LLC

Bracy Jones #1

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Brinker Enterprises LLC**

216 S. Marshall St.
Glen Elder KS 67446

ATTN: Lee Brinker

Bracy Jones #1

29-7s-16w Rooks,KS

Start Date: 2013.01.07 @ 20:10:52

End Date: 2013.01.08 @ 01:42:01

Job Ticket #: 51626 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.01.09 @ 11:33:50



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Brinker Enterprises LLC

29-7s-16w Rooks,KS

216 S. Marshall St.
Glen Elder KS 67446

Bracy Jones #1

ATTN: Lee Brinker

Job Ticket: 51626

DST#: 5

Test Start: 2013.01.07 @ 20:10:52

GENERAL INFORMATION:

Formation: **LKC EF**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:43:32

Time Test Ended: 01:42:01

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 42

Interval: 2975.00 ft (KB) To 3000.00 ft (KB) (TVD)

Reference Elevations: 1750.00 ft (KB)

Total Depth: 3000.00 ft (KB) (TVD)

1745.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8369

Inside

Press @ Run Depth: 134.36 psig @ 2976.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.07

End Date:

2013.01.08

Last Calib.:

2013.01.08

Start Time:

20:10:52

End Time:

01:42:01

Time On Btm:

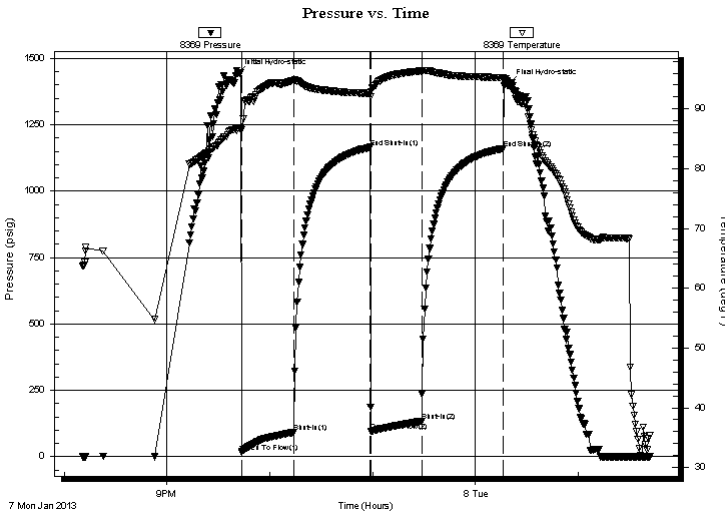
2013.01.07 @ 21:41:32

Time Off Btm:

2013.01.08 @ 00:19:32

TEST COMMENT: 30-IFP-w k to strg in 12 min
45-ISIP-no bl
30-FFP-w k to strg in 25 min
45-FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1443.59	86.68	Initial Hydro-static
2	18.11	86.57	Open To Flow (1)
33	91.73	94.79	Shut-In(1)
77	1165.01	92.64	End Shut-In(1)
78	95.56	92.90	Open To Flow (2)
107	134.36	96.36	Shut-In(2)
155	1160.39	95.25	End Shut-In(2)
158	1404.02	93.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	Water	1.43
75.00	MW 15%MB5%W	1.05

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brinker Enterprises LLC

29-7s-16w Rooks,KS

216 S. Marshall St.
Glen Elder KS 67446

Bracy Jones #1

Job Ticket: 51626

DST#: 5

ATTN: Lee Brinker

Test Start: 2013.01.07 @ 20:10:52

Tool Information

Drill Pipe:	Length: 2844.00 ft	Diameter: 3.80 inches	Volume: 39.89 bbl	Tool Weight: 2200.00 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 40.48 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 34000.00 lb
Depth to Top Packer:	2975.00 ft			Final 36000.00 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	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			2955.00	
Shut In Tool	5.00			2960.00	
Hydraulic tool	5.00			2965.00	
Packer	5.00			2970.00	21.00 Bottom Of Top Packer
Packer	5.00			2975.00	
Stubb	1.00			2976.00	
Recorder	0.00	8369	Inside	2976.00	
Recorder	0.00	8700	Outside	2976.00	
Perforations	21.00			2997.00	
Bullnose	3.00			3000.00	25.00 Bottom Packers & Anchor
Total Tool Length:	46.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brinker Enterprises LLC

29-7s-16w Rooks,KS

216 S. Marshall St.
Glen Elder KS 67446

Bracy Jones #1

Job Ticket: 51626

DST#: 5

ATTN: Lee Brinker

Test Start: 2013.01.07 @ 20:10:52

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:

75000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.94 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	Water	1.432
75.00	MW 15%M85%W	1.052

Total Length: 255.00 ft Total Volume: 2.484 bbl

Num Fluid Samples: 0

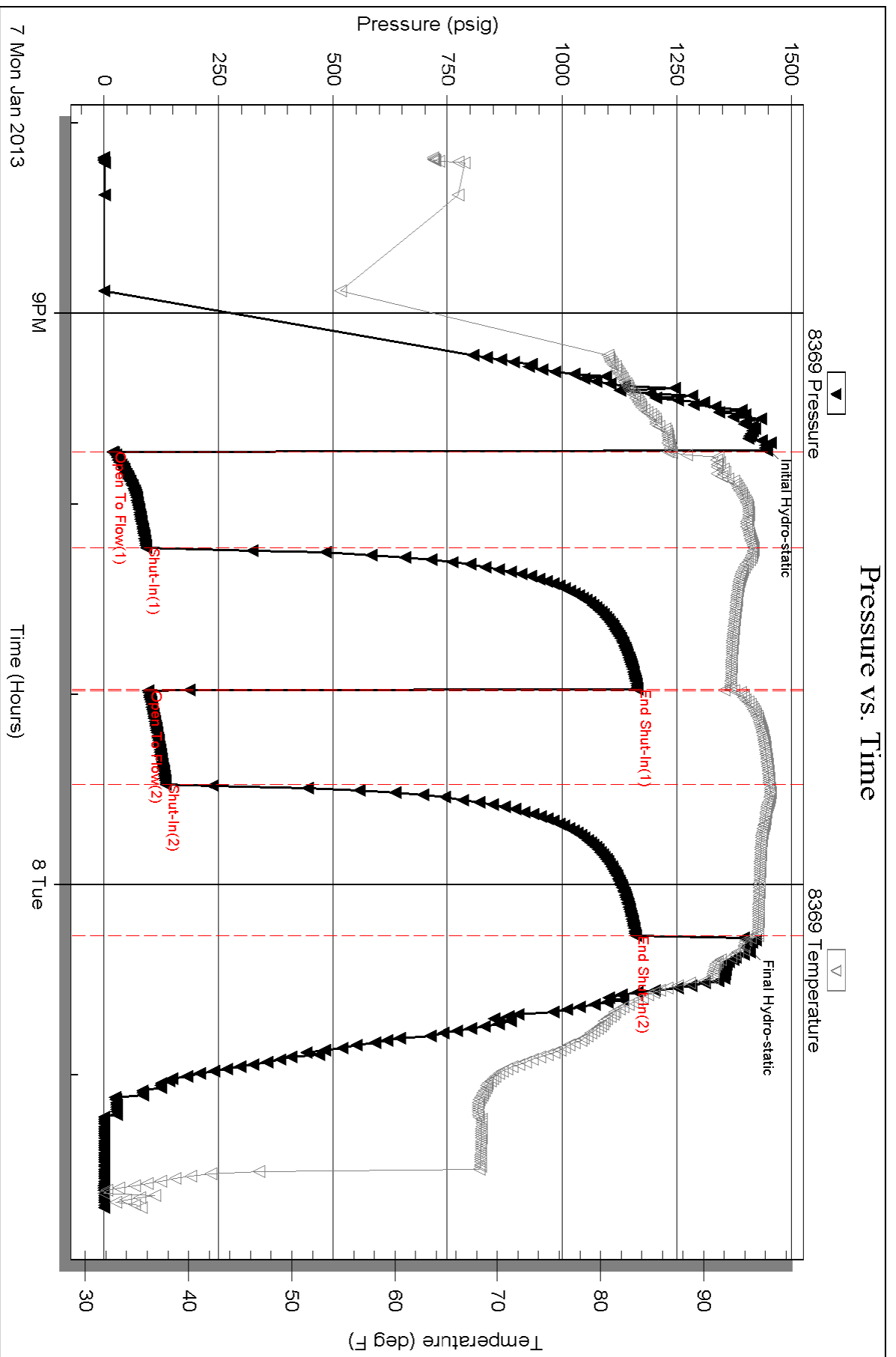
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW.13 @ 55F

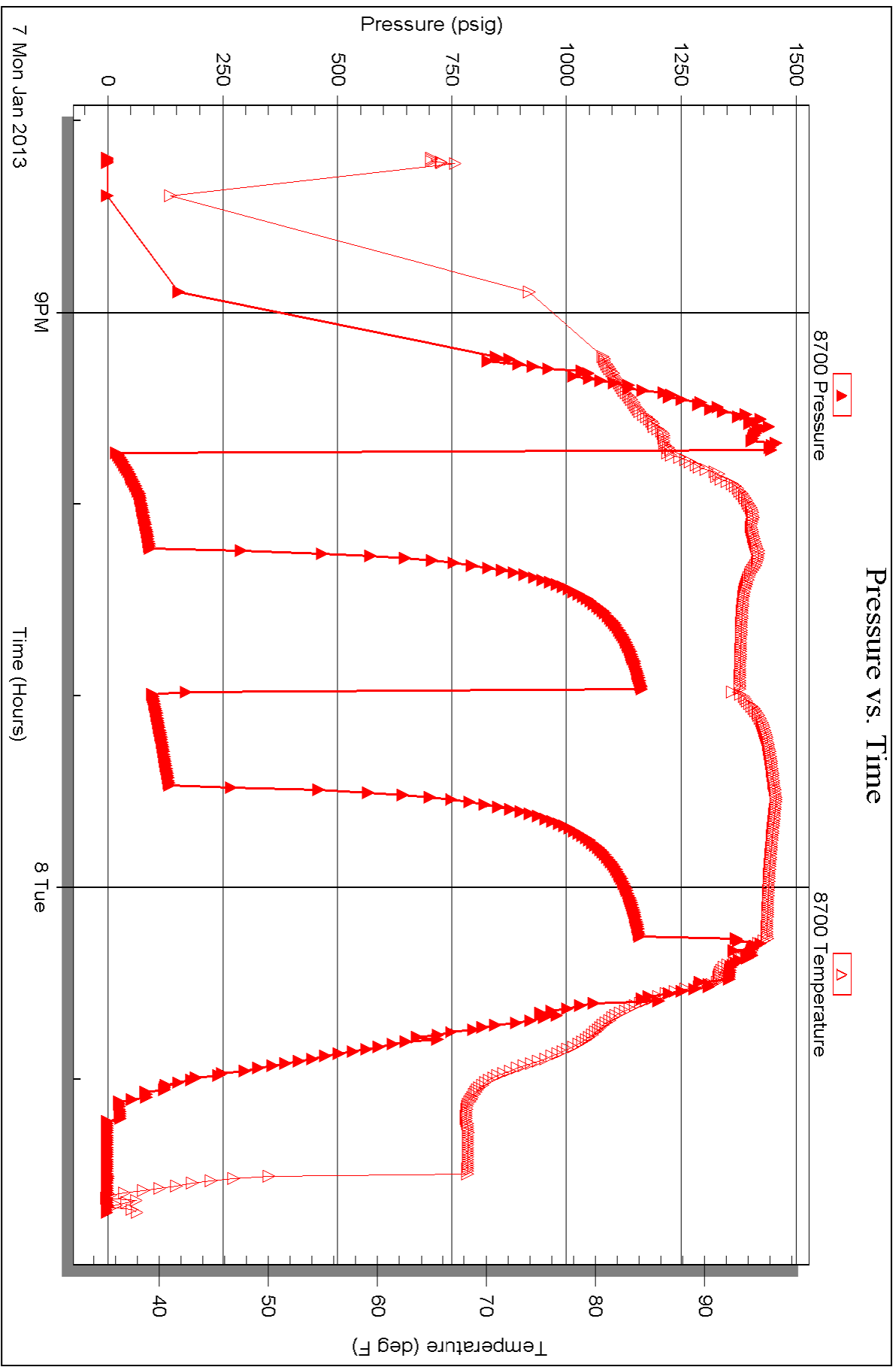


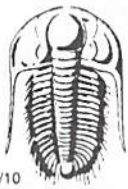
Serial #: 8700

Outside Brinker Enterprises LLC

Bracy Jones #1

DST Test Number: 5





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51522

4/10

Well Name & No. BRACY Jones #1 Test No. 1 Date 1-5-13
 Company Brinker Enterprises LLC Elevation 1750 KB 1745 GL
 Address 216 S MARSHALL ST. Glen Elder, Ks 67446
 Co. Rep / Geo. Rich Bell Rig WWright
 Location: Sec. 29 Twp. 7^s Rge. 16^w Co. Rooks State Ks

Interval Tested 2648-2678 Zone Tested Topeka
 Anchor Length 30 Drill Pipe Run 2532 Mud Wt. 8.9
 Top Packer Depth 2643 Drill Collars Run 120 Vis 56
 Bottom Packer Depth 2648 Wt. Pipe Run - WL 7
 Total Depth 2678 Chlorides 1700 ppm System LCM 2#
 Blow Description IFP - STRONG Blow IN 1 min
ITSP - 3/4" Blow BACK

FFP - STRONG Blow IN 1 min
FSTP - STRONG Blow BACK IN 36 min

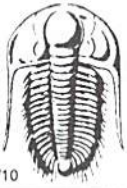
Rec	Feet of	%gas	%oil	%water	%mud
<u>215</u>	<u>GIP</u>				
<u>715</u>	<u>CO</u>				
<u>186</u>	<u>MGO</u>	<u>10</u>	<u>65</u>	<u>25</u>	

Rec Total 901 BHT 91 Gravity 29 API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic <u>1243</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>1345</u>
(B) First Initial Flow <u>152</u>	<input type="checkbox"/> Jars	T-Started <u>1415</u>
(C) First Final Flow <u>186</u>	<input type="checkbox"/> Safety Joint	T-Open <u>1555</u>
(D) Initial Shut-In <u>916</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1810</u>
(E) Second Initial Flow <u>213</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>2033</u>
(F) Second Final Flow <u>302</u>	<input checked="" type="checkbox"/> Mileage <u>110 RT</u> 170.50	Comments <u>MOTEL</u>
(G) Final Shut-In <u>816</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1221</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>15</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1320.50</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1320.50</u>	

Approved By Richard Bell Our Representative RAY SCHWABER *Thank you*

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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51523

4/10

Well Name & No. BRACY Jones #1 Test No. 2 Date 1-6-13
 Company BRINKER Enterprises LLC Elevation 1750 KB 1745 GL
 Address 216 S. Marshall ST. Glen Elder, Ks 67446
 Co. Rep / Geo. Rich Bell Rig WW rig 6
 Location: Sec. 29 Twp. 7^s Rge. 16^w Co. Rooks State Ks

Interval Tested 2678-2700 Zone Tested Deer Creek
 Anchor Length 22 Drill Pipe Run 2563 Mud Wt. 8.9
 Top Packer Depth 2673 Drill Collars Run 120 Vis 56
 Bottom Packer Depth 2678 Wt. Pipe Run - WL 7
 Total Depth 2700 Chlorides 1700 ppm System LCM 2#

Blow Description IFP - Strong Blow in 3 min
ISIP - Strong Blow Back 30 min
FIP - Strong Blow thru-out
FSIP - Strong Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>140</u>	<u>GIP</u>				
<u>540</u>	<u>CO</u>				
<u>124</u>	<u>M60</u>	<u>15</u>	<u>75</u>		<u>10</u>

Rec Total 664 BHT 92 Gravity 29 API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 1255 Test 1150 T-On Location 0140
 (B) First Initial Flow 47 Jars _____ T-Started 0205
 (C) First Final Flow 111 Safety Joint _____ T-Open 0340
 (D) Initial Shut-In 1024 Circ Sub _____ T-Pulled 0610
 (E) Second Initial Flow 121 Hourly Standby _____ T-Out 0843
 (F) Second Final Flow 215 Mileage 170.50 Comments Motel
 (G) Final Shut-In 978 Sampler _____
 (H) Final Hydrostatic 1239 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____

Initial Open 15 Extra Packer _____ Extra Copies _____
 Initial Shut-In 45 Extra Recorder _____ Sub Total 0
 Final Flow 30 Day Standby _____ Total 1320.50
 Final Shut-In 60 Accessibility _____ MP/DST Disc't _____

Approved By Richard Bell Our Representative RAY SCHWAB Thank you
 Sub Total 1320.50

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51524

4/10

Well Name & No. Bracy Jones #1 Test No. 3 Date 1-6-13
 Company Brinker Enterprises LLC Elevation 1750 KB 1745 GL
 Address 216 S. Marshall ST. Glen Elder, Ks 67446
 Co. Rep / Geo. Rich Bell Rig WW rig 6
 Location: Sec. 29 Twp. 7^s Rge. 16^w Co. Rooks State Ks

Interval Tested 2736-2770 Zone Tested Lecompton
 Anchor Length 34 Drill Pipe Run _____ Mud Wt. 8.9
 Top Packer Depth 2731 Drill Collars Run 120 Vis 42
 Bottom Packer Depth 2736 Wt. Pipe Run — WL 7.2
 Total Depth 2770 Chlorides 4000 ppm System LCM 2#

Blow Description TFP - STRONG BLOW 10 2min
ISTP - 1/2" BLOW BACK
FFP - WEAK TO A FAIR BLOW 1/2" TO 6" BLOW
FSTP - 1/2" BLOW BACK

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>MO</u>	<u>90</u>		<u>10</u>	
<u>186</u>	<u>56CMO</u>	<u>5</u>	<u>65</u>	<u>30</u>	
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

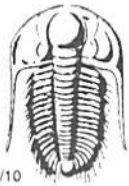
Rec Total 206 BHT 88 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 1293 Test 1150 T-On Location 1540
 (B) First Initial Flow 73 Jars _____ T-Started 1600
 (C) First Final Flow 83 Safety Joint _____ T-Open 1720
 (D) Initial Shut-In 100 Circ Sub _____ T-Pulled 2850
 (E) Second Initial Flow 92 Hourly Standby _____ T-Out 2142
 (F) Second Final Flow 97 Mileage 170.50 Comments Motel
 (G) Final Shut-In 106 Sampler _____
 (H) Final Hydrostatic 1265 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 15
 Initial Shut-In 45
 Final Flow 30
 Final Shut-In 60
 Sub Total 1320.50 MP/DST Disc't _____

Approved By Richard Bell Our Representative Ray Schwager *Thank you*

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51525

Well Name & No. Bracy Jones #1 Test No. 4 Date 1-7-13
 Company Brinker Enterprises LLC Elevation 1750 KB 1745 GL
 Address 216 S. Marshall ST. Glen Elder, Ks 67446
 Co. Rep / Geo. Rich Bell Rig WWrig 6
 Location: Sec. 29 Twp. 7^s Rge. 16^w Co. Rooks State Ks

Interval Tested 2888 - 2916 Zone Tested LKC A
 Anchor Length 28 Drill Pipe Run 2778 Mud Wt. 9
 Top Packer Depth 2883 Drill Collars Run 120 Vis 50
 Bottom Packer Depth 2888 Wt. Pipe Run — WL 7.2
 Total Depth 2916 Chlorides 4000 ppm System LCM 2#

Blow Description TFP - Weak Blow, died in 18 min
ISTP - NO Blow
FFP - NO Blow
FSIP - NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>Mud</u>				
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

Rec Total 1 BHT 87 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 1376 Test 1150 T-On Location 0750
 (B) First Initial Flow 9 Jars T-Started 0800
 (C) First Final Flow 11 Safety Joint T-Open 0920
 (D) Initial Shut-In 15 Circ Sub T-Pulled 1105
 (E) Second Initial Flow 10 Hourly Standby T-Out 1206
 (F) Second Final Flow 11 Mileage 170.50 Comments Motel
 (G) Final Shut-In 15 Sampler
 (H) Final Hydrostatic 1359 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies

Initial Open 30
 Initial Shut-In 30
 Final Flow 15
 Final Shut-In 30

Sub Total 1320.50 Total 1320.50 MP/DST Disc't

Approved By Richard Bell Our Representative Ray Schwager *THANK YOU*

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51626

Well Name & No. BRACY JONES #1 Test No. 5 Date 1-7-13
 Company Brinker Enterprises LLC Elevation 1750 KB 1745 GL
 Address 216 S. MARSHALL ST. GLEN ELDER, KS 67446
 Co. Rep / Geo. Rich Bell Rig WW rig 6
 Location: Sec. 29 Twp. 7^S Rge. 16^W Co. Rooks State Ks

Interval Tested 2975-3000 Zone Tested LKC E, F
 Anchor Length 25 Drill Pipe Run 2844 Mud Wt. 9.2
 Top Packer Depth 2970 Drill Collars Run 120 Vis 51
 Bottom Packer Depth 2975 Wt. Pipe Run — WL 7
 Total Depth 3000 Chlorides 3500 ppm System LCM 2#

Blow Description IFP - WEAK TO STRONG BLOW IN 12 MIN
ISIP - NO BLOW
FFP - WEAK TO A ~~STRONG~~ BLOW, SURFACE TO STRONG IN 25 MIN
FSIP - NO BLOW

Rec	Feet of	%gas	%oil	%water	%mud
<u>75</u>	<u>MW</u>		<u>85</u>	<u>15</u>	
<u>180</u>	<u>WATER</u>				

Rec Total 255 BHT 95 Gravity — API RW .13 @ 55 °F Chlorides 75000 ppm

(A) Initial Hydrostatic 1443 Test 1150 T-On Location 1955
 (B) First Initial Flow 18 Jars _____ T-Started 2610
 (C) First Final Flow 91 Safety Joint _____ T-Open 2140
 (D) Initial Shut-In 1165 Circ Sub _____ T-Pulled 0010
 (E) Second Initial Flow 95 Hourly Standby _____ T-Out 0142

(F) Second Final Flow 134 Mileage 170.50 Comments MOTEL
 (G) Final Shut-In 1160 Sampler _____
 (H) Final Hydrostatic 1404 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30 Ruined Shale Packer _____
 Initial Shut-In 45 Ruined Packer _____
 Final Flow 30 Extra Copies _____
 Final Shut-In 45 Sub Total 0
 Sub Total 1320.50 Total 1320.50 MP/DST Disc't _____

Approved By Richard Bell Our Representative RAY Schrage *hart*

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