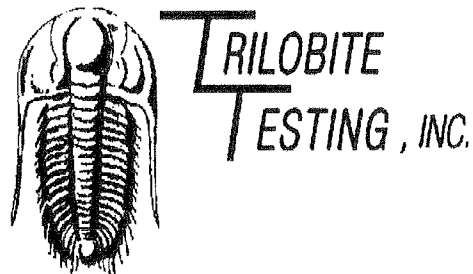


15-101-22113

32-17s-29w

KGS



DRILL STEM TEST REPORT

Prepared For: **O'Brien Resources**

PO Box 6149
Shreveport La, 71136

ATTN: Josh Austin

32 17 29 Lane KS

Dowd #32-2

Start Date: 2008.08.06 @ 14:05:37

End Date: 2008.08.07 @ 02:21:06

Job Ticket #: 27235 DST #: 1

15-101-22113-0000

NE SE NE NW

lddo FNL

2080FWL

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

O'Brien Resources
PO Box 6149
Shreveport La, 71136
ATTN: Josh Austin

Dowd #32-2

32 17 29 Lane KS

Job Ticket: 27235

DST#: 1

Test Start: 2008.08.06 @ 14:05:37

GENERAL INFORMATION:

Formation: Lansing 'H', 'I', 'J'

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 02:21:06

Test Type: Conventional Bottom Hole

Tester: Mike Slemp

Unit No: 28

Interval: 4127.00 ft (KB) To 4221.00 ft (KB) (TVD)

Total Depth: 4221.00 ft (KB) (TVD)

Hole Diameter: 7.78 inchesHole Condition: Good

Reference Elevations: 2830.00 ft (KB)

2822.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6752 Inside

Press@RunDepth: psig @ 4129.00 ft (KB)

Start Date: 2008.08.06

End Date:

2008.08.07

Start Time: 14:05:37

End Time:

02:21:06

Capacity: 7000.00 psig

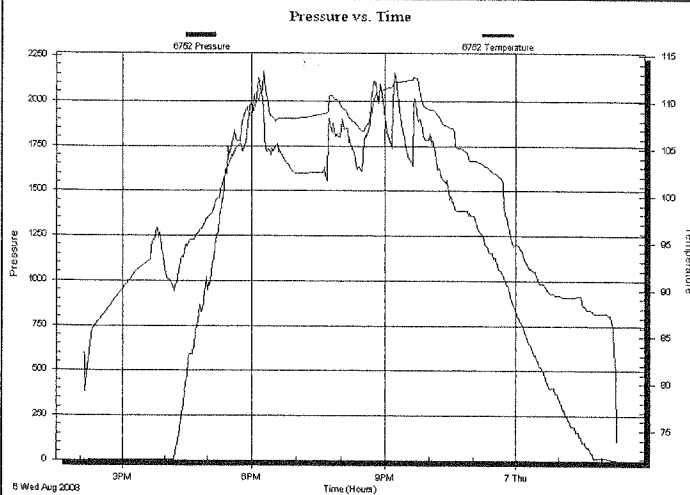
008.08.07

Last Calib.:

Time On Btm:

Time Off Btm:

TEST COMMENT: Missrun, Inconclusive reasons why



PRESSURE SUMMARY

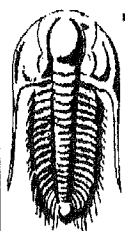
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

[illegible]

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

O'Brien Resources

Dowd #32-2

PO Box 6149
Shreveport La, 71136

32 17 29 Lane KS

Job Ticket: 27235

DST#: 1

ATTN: Josh Austin

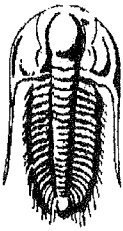
Test Start: 2008.08.06 @ 14:05:37

Tool Information

Drill Pipe:	Length: 4136.00 ft	Diameter: 3.80 inches	Volume: 58.02 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	80000.00 lb
		Total Volume:	58.02 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	4127.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	94.00 ft				
Tool Length:	114.00 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			4108.00	
Shut In Tool	5.00			4113.00	
Hydraulic tool	5.00			4118.00	
Packer	5.00		Fluid	4123.00	20.00 Bottom Of Top Packer
Packer	4.00			4127.00	
Stubb	1.00			4128.00	
Perforations	1.00			4129.00	
Recorder	0.00	6752	Inside	4129.00	
Recorder	0.00	8321	Inside	4129.00	
Perforations	25.00			4154.00	
Change Over Sub	1.00			4155.00	
Drill Pipe	62.00			4217.00	
Change Over Sub	1.00			4218.00	
Bullnose	3.00			4221.00	94.00 Bottom Packers & Anchor
Total Tool Length:		114.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

O'Brien Resources

Dowd #32-2

PO Box 6149
Shreveport La, 71136

32 17 29 Lane KS

Job Ticket: 27235

DST#: 1

ATTN: Josh Austin

Test Start: 2008.08.06 @ 14:05:37

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 45.00 sec/qt

Water Loss: 15.90 in³

Resistivity: ohm.m

Salinity: 1700.00 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

Total Length:

ft

Total Volume:

bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

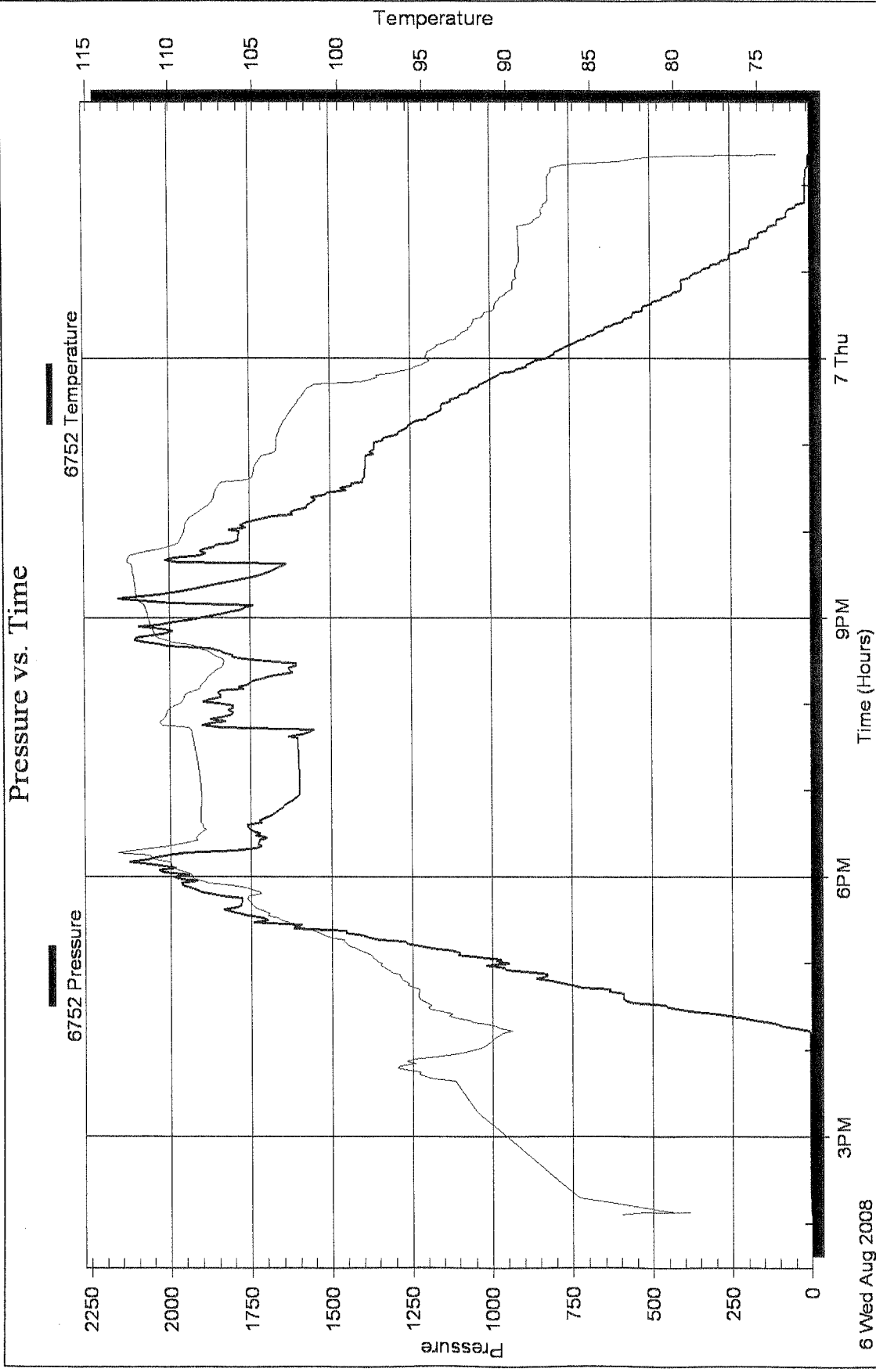
32 17 29 Lane KS

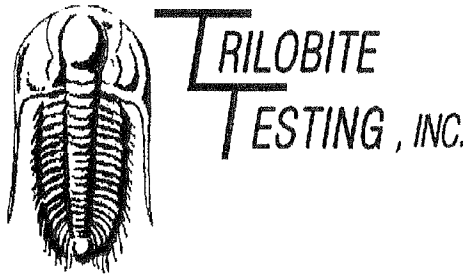
O'Brien Resources

Inside

Serial #: 6752

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **O'Brien Resources**

PO Box 6149
Shreveport La, 71136

ATTN: Josh Austin

32 17 29 Lane KS

Dowd #32-2

Start Date: 2008.08.07 @ 03:21:46

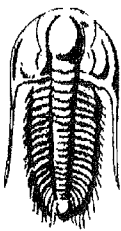
End Date: 2008.08.07 @ 12:02:30

Job Ticket #: 27236 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

O'Brien Resources

PO Box 6149
Shreveport La, 71136

ATTN: Josh Austin

Dowd #32-2

32 17 29 Lane KS

Job Ticket: 27236

DST#: 2

Test Start: 2008.08.07 @ 03:21:46

GENERAL INFORMATION:

Formation: **Lansing 'H','I','J'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:44:15

Time Test Ended: 12:02:30

Test Type: Conventional Bottom Hole

Tester: Mike Slemp

Unit No: 28

Interval: **4127.00 ft (KB) To 4221.00 ft (KB) (TVD)**

Total Depth: 4221.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2830.00 ft (KB)

2822.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6752

Inside

Press@RunDepth: 368.69 psig @ 4129.00 ft (KB)

Start Date: 2008.08.07

End Date:

2008.08.07

Start Time: 03:21:46

End Time:

12:02:30

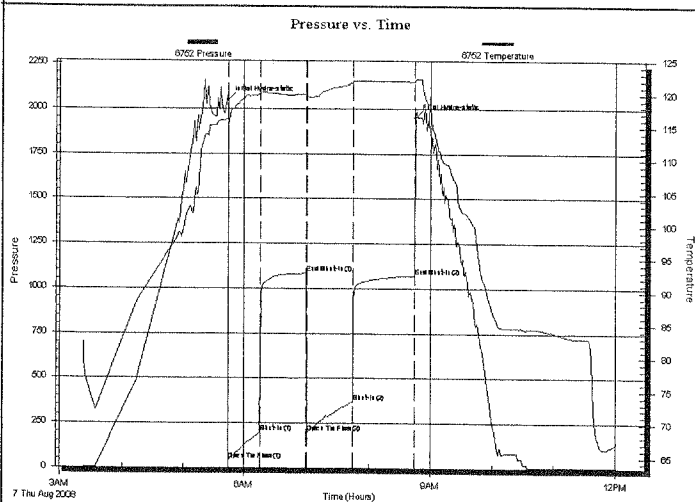
Capacity: 7000.00 psig

Last Calib.: 2008.08.07

Time On Btm: 2008.08.07 @ 05:44:00

Time Off Btm: 2008.08.07 @ 08:44:30

TEST COMMENT: IF Strong blow BOB in 8 min
ISI No blow back
FF Strong blow BOB in 10 min
FSI No blow back



PRESSURE SUMMARY

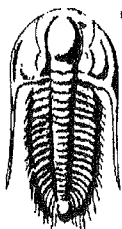
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2047.33	116.13	Initial Hydro-static
1	44.26	115.24	Open To Flow (1)
31	197.78	119.94	Shut-In(1)
76	1082.59	119.94	End Shut-In(1)
77	195.70	119.72	Open To Flow (2)
121	368.69	121.78	Shut-In(2)
180	1070.98	121.87	End Shut-In(2)
181	1950.18	122.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	GOCM 5%G,15%O,80%M	1.74
310.00	CGO 5%G,50%O, 40%W,5%M	4.35
186.00	MCO 15%G,80%O,5%M	2.61

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

O'Brien Resources

Dowd #32-2

PO Box 6149
Shreveport La, 71136

32 17 29 Lane KS

Job Ticket: 27236

DST#: 2

ATTN: Josh Austin

Test Start: 2008.08.07 @ 03:21:46

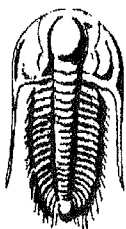
Tool Information

Drill Pipe:	Length: 4136.00 ft	Diameter: 3.80 inches	Volume: 58.02 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 58.02 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial	55000.00 lb
Depth to Top Packer:	4127.00 ft			Final	55000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	94.00 ft				
Tool Length:	114.00 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			4108.00	
Shut In Tool	5.00			4113.00	
Hydraulic tool	5.00			4118.00	
Packer	5.00		Fluid	4123.00	20.00 Bottom Of Top Packer
Packer	4.00			4127.00	
Stubb	1.00			4128.00	
Perforations	1.00			4129.00	
Recorder	0.00	6752	Inside	4129.00	
Recorder	0.00	8321	Inside	4129.00	
Perforations	24.00			4153.00	
Change Over Sub	1.00			4154.00	
Drill Pipe	62.00			4216.00	
Change Over Sub	1.00			4217.00	
Bullnose	4.00			4221.00	94.00 Bottom Packers & Anchor

Total Tool Length: 114.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

O'Brien Resources

Dowd #32-2

PO Box 6149
Shreveport La, 71136

32 17 29 Lane KS

ATTN: Josh Austin

Job Ticket: 27236

DST#: 2

Test Start: 2008.08.07 @ 03:21:46

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 45.00 sec/qt

Water Loss: 15.94 in³

Resistivity: ohm.m

Salinity: 1700.00 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
124.00	GOCM 5%G,15%O,80%M	1.739
310.00	CGO 5%G,50%O, 40%W,5%M	4.348
186.00	MCO 15%G,80%O,5%M	2.609

Total Length: 620.00 ft

Total Volume: 8.696 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

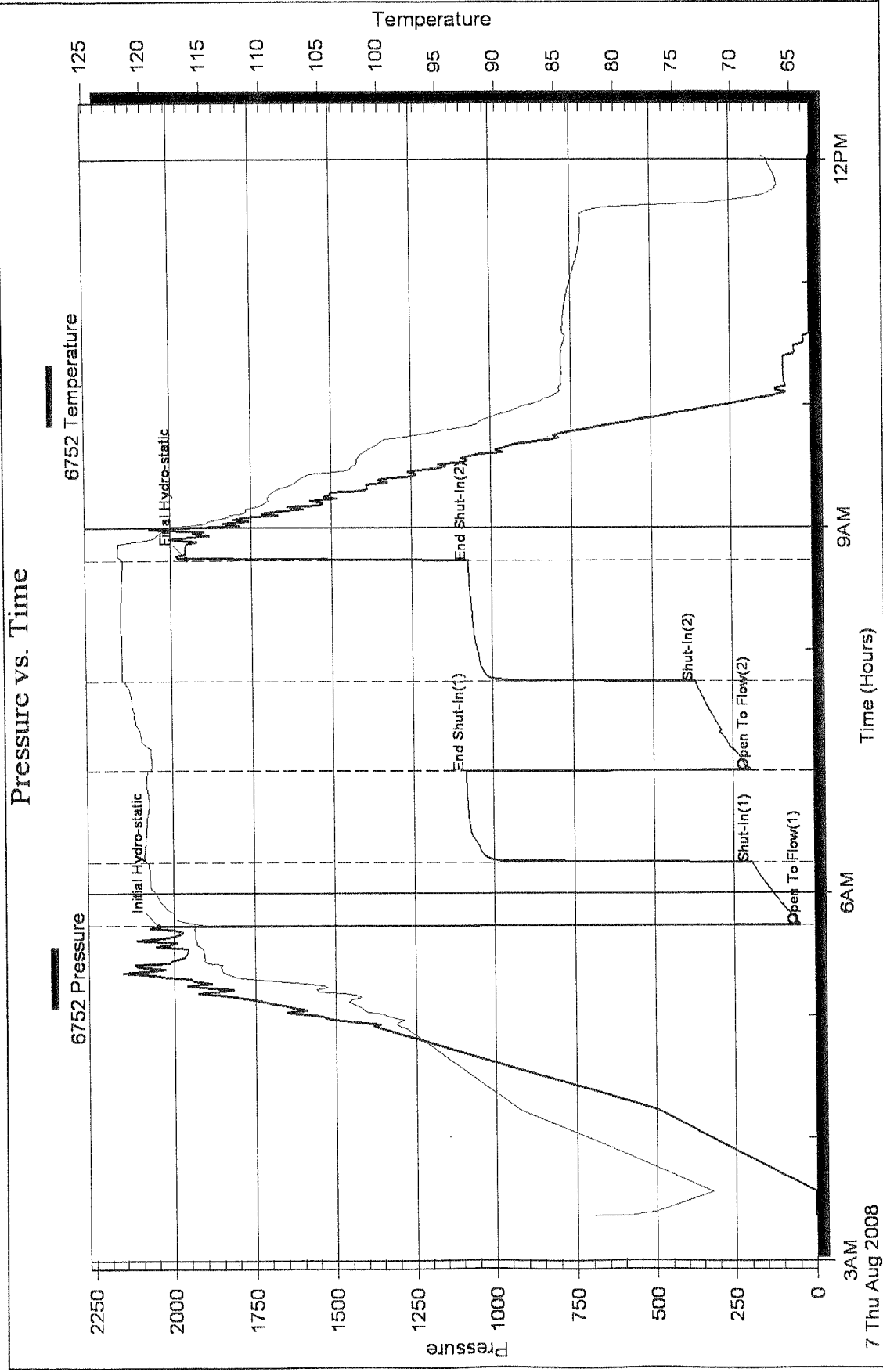
Serial #: 6752

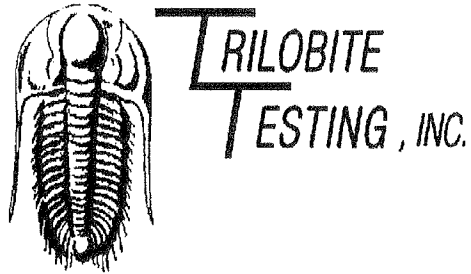
Inside

O'Brien Resources

32 17 29 Lane KS

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **O'Brien Resources**

PO Box 6149
Shreveport La, 71136

ATTN: Josh Austin

32 17 29 Lane KS

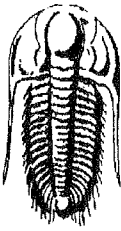
Dowd #32-2

Start Date: 2008.08.09 @ 09:16:54

End Date: 2008.08.09 @ 17:38:24

Job Ticket #: 32858 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

O'Brien Resources
PO Box 6149
Shreveport La, 71136
ATTN: Josh Austin

Dowd #32-2

32 17 29 Lane KS

Job Ticket: 32858

DST#: 3

Test Start: 2008.08.09 @ 09:16:54

GENERAL INFORMATION:

Formation: **Marmaton / Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:18:54

Time Test Ended: 17:38:24

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Interval: 4308.00 ft (KB) To 4410.00 ft (KB) (TVD)

Total Depth: 4410.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Reference Elevations: 2830.00 ft (KB)

2822.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8372

Inside

Press@RunDepth: 208.31 psig @ 4320.00 ft (KB)

Start Date: 2008.08.09

End Date:

2008.08.09

Start Time: 09:16:55

End Time:

17:38:24

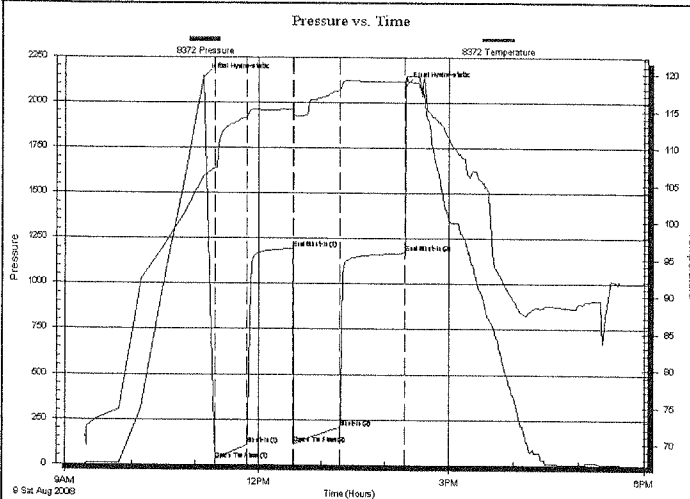
Capacity: 7000.00 psig

Last Calib.: 2008.08.09

Time On Btm: 2008.08.09 @ 11:08:54

Time Off Btm: 2008.08.09 @ 14:19:54

TEST COMMENT: IF Strong B-B in 11 min
ISI Weak building to 3/4"
FF Strong B-B in 11 min
FSI Weak building to 1"



PRESSURE SUMMARY

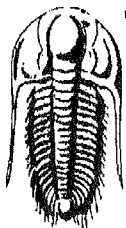
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2140.99	106.17	Initial Hydro-static
10	26.18	107.26	Open To Flow (1)
41	110.97	114.13	Shut-In(1)
84	1193.89	115.25	End Shut-In(1)
85	117.44	114.68	Open To Flow (2)
129	208.31	117.90	Shut-In(2)
190	1169.90	118.97	End Shut-In(2)
191	2094.55	119.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
185.00	G&OCM 10%g 40%o 50%m	2.60
250.00	G&OCM 10%g 30%o 60%m	3.51
0.00	310 GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

O'Brien Resources

Dowd #32-2

PO Box 6149
Shreveport La, 71136

32 17 29 Lane KS

Job Ticket: 32858

DST#: 3

ATTN: Josh Austin

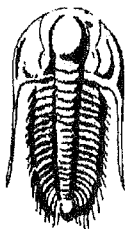
Test Start: 2008.08.09 @ 09:16:54

Tool Information

Drill Pipe:	Length:	4293.00 ft	Diameter:	3.80 inches	Volume:	60.22 bbl	Tool Weight:	2000.00 lb		
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	20000.00 lb		
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	65000.00 lb		
						Total Volume:	60.22 bbl	Tool Chased	0.00 ft	
Drill Pipe Above KB:	1.00 ft								String Weight: Initial	58000.00 lb
Depth to Top Packer:	4308.00 ft								Final	60000.00 lb
Depth to Bottom Packer:	ft									
Interval between Packers:	107.00 ft									
Tool Length:	123.00 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			4293.00	
Shut In Tool	5.00			4298.00	
Hydraulic tool	5.00			4303.00	
Packer	5.00			4308.00	16.00 Bottom Of Top Packer
Packer - Shale	5.00			4313.00	
Stubb	1.00			4314.00	
Perforations	5.00			4319.00	
Change Over Sub	1.00			4320.00	
Recorder	0.00	8372	Inside	4320.00	
Recorder	0.00	8368	Outside	4320.00	
Drill Pipe	91.00			4411.00	
Change Over Sub	1.00			4412.00	
Bullnose	3.00			4415.00	107.00 Anchor Tool

Total Tool Length: 123.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

O'Brien Resources

Dowd #32-2

PO Box 6149
Shreveport La, 71136

32 17 29 Lane KS

Job Ticket: 32858

DST#: 3

ATTN: Josh Austin

Test Start: 2008.08.09 @ 09:16:54

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 44.00 sec/qt

Water Loss: 10.18 in³

Resistivity: ohm.m

Salinity: 1800.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
185.00	G&OCM 10%g 40%o 50%m	2.595
250.00	G&OCM 10%g 30%o 60%m	3.507
0.00	310 GIP	0.000

Total Length: 435.00 ft

Total Volume: 6.102 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

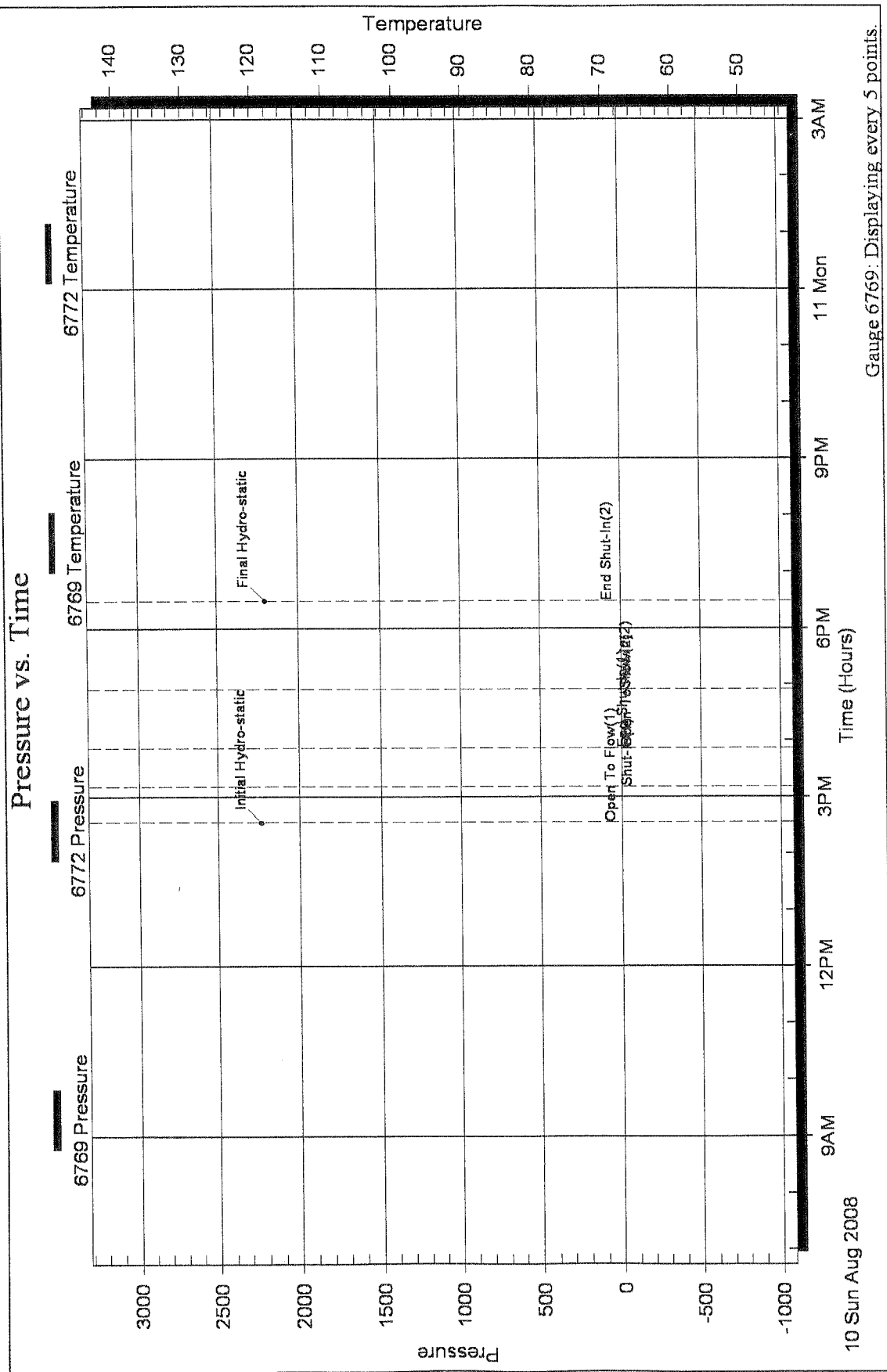
DST Test Number: 3

32 17 29 Lane KS

Inside O'Brien Resources

Serial #: 8372

Pressure vs. Time

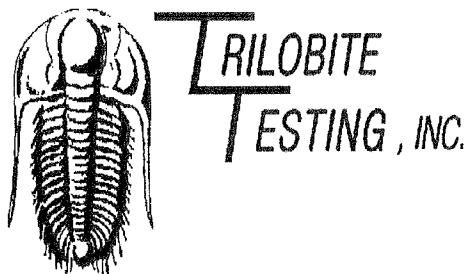


Gauge 6769: Displaying every 5 points.

Ref. No: 32858

Trilobite Testing, Inc

Printed: 2008.08.15 @ 09:40:50 Page 5



DRILL STEM TEST REPORT

Prepared For: **O'Brien Resources**

PO Box 6149
Shreveport La, 71136

ATTN: Josh Austin

32 17 29 Lane KS

Dowd #32-2

Start Date: 2008.08.10 @ 11:43:10

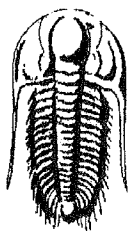
End Date: 2008.08.10 @ 22:11:25

Job Ticket #: 29995 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

O'Brien Resources

PO Box 6149
Shreveport La, 71136

ATTN: Josh Austin

Dowd #32-2

32 17 29 Lane KS

Job Ticket: 29995

DST#: 4

Test Start: 2008.08.10 @ 11:43:10

GENERAL INFORMATION:

Formation: **Myrick station Ft. S**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:32:40

Time Test Ended: 22:11:25

Test Type: Conventional Bottom Hole

Tester: Kyle Wiley

Unit No: 35

Interval: **4434.00 ft (KB) To 4490.00 ft (KB) (TVD)**

Total Depth: 4490.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Reference Elevations: 2830.00 ft (KB)

2822.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6769

Press@RunDepth: 26.88 psig @ ft (KB)

Start Date: 2008.08.10

End Date: 2008.08.10

Capacity: 7000.00 psig

Last Calib.: 2008.08.10

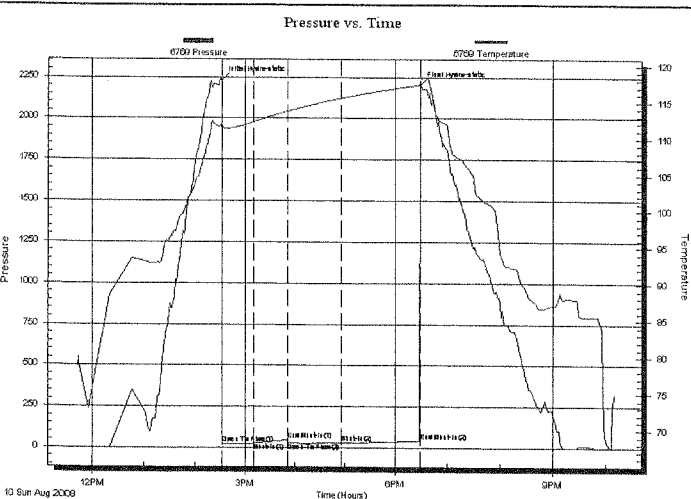
Start Time: 11:43:15

End Time: 22:11:25

Time On Btm: 2008.08.10 @ 14:32:25

Time Off Btm: 2008.08.10 @ 18:28:55

TEST COMMENT: IF 1" blow
IS No return
FF No blow
FS No return



PRESSURE SUMMARY

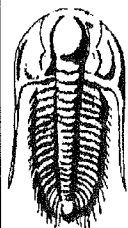
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2231.89	112.00	Initial Hydro-static
1	24.97	111.17	Open To Flow (1)
38	26.05	112.30	Shut-In(1)
79	46.60	113.78	End Shut-In(1)
80	26.20	113.77	Open To Flow (2)
143	26.88	115.55	Shut-In(2)
236	40.53	117.40	End Shut-In(2)
237	2201.89	118.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	OSM	0.06

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

O'Brien Resources

PO Box 6149
Shreveport La, 71136

ATTN: Josh Austin

Dowd #32-2

32 17 29 Lane KS

Job Ticket: 29995

DST#: 4

Test Start: 2008.08.10 @ 11:43:10

Tool Information

Drill Pipe:	Length: 4424.00 ft	Diameter: 3.38 inches	Volume: 49.10 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: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
		Total Volume: 49.10 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4434.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	57.00 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
Shut In Tool	5.00			4420.00	
Hydraulic tool	5.00			4425.00	
Packer	5.00			4430.00	19.00 Bottom Of Top Packer
Packer	4.00			4434.00	
Stubb	1.00			4435.00	
Recorder Carrier	0.00			4435.00	
Recorder	0.00		Outside	4435.00	
Recorder	0.00		Outside	4435.00	
Perforations	18.00			4453.00	
Change Over Sub	1.00			4454.00	
Blank Spacing	31.00			4485.00	
Change Over Sub	1.00			4486.00	
Bullnose	5.00			4491.00	57.00 Bottom Packers & Anchor

Total Tool Length: 76.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

O'Brien Resources

Dowd #32-2

PO Box 6149
Shreveport La, 71136

32 17 29 Lane KS

Job Ticket: 29995

DST#: 4

ATTN: Josh Austin

Test Start: 2008.08.10 @ 11:43:10

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 9.17 in³

Resistivity: 0.00 ohm.m

Salinity: 2800.00 ppm

Filter Cake: 2.00 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	OSM	0.055

Total Length:

5.00 ft

Total Volume:

0.055 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6769

O'Brien Resources

32 17 29 Lane KS

DST Test Number: 4

