

DRILL STEM TEST REPORT

Prepared For: **Berexco LLC**

2020 N Bramblewood
Wichita, KS 67206

ATTN: Ed Grieves

19-26s-33w Finney,KS

Stone #1-19

Start Date: 2011.06.28 @ 10:45:38

End Date: 2011.06.28 @ 23:41:53

Job Ticket #: 42218 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

Berexco LLC
 2020 N Bramblewood
 Wichita, KS 67206
 ATTN: Ed Grieves

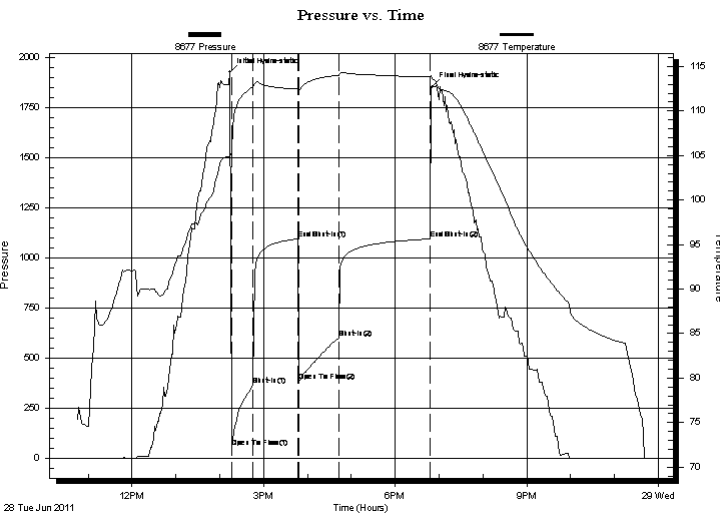
Stone #1-19
19-26s-33w Finney,KS
 Job Ticket: 42218 **DST#: 1**
 Test Start: 2011.06.28 @ 10:45:38

GENERAL INFORMATION:

Formation: **Lansing B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:15:53
 Time Test Ended: 23:41:53
 Interval: **3998.00 ft (KB) To 4008.00 ft (KB) (TVD)**
 Total Depth: 4020.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Straddle
 Tester: Mike Slempp
 Unit No: 53
 Reference Elevations: 2937.00 ft (KB)
 2925.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 8677 Inside
 Press @ Run Depth: 601.57 psig @ 4000.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.06.28 End Date: 2011.06.28 Last Calib.: 2011.06.28
 Start Time: 10:45:39 End Time: 23:41:53 Time On Btm: 2011.06.28 @ 14:14:08
 Time Off Btm: 2011.06.28 @ 18:50:38

TEST COMMENT: IF- BOB in 4 min
 IS- 1 inch blow back
 FF-BOB in 4 min
 FS- No blow back



PRESSURE SUMMARY

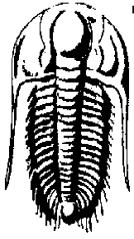
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1925.68	104.89	Initial Hydro-static
2	57.17	105.45	Open To Flow (1)
32	366.31	112.71	Shut-In(1)
93	1096.36	112.50	End Shut-In(1)
95	385.37	112.32	Open To Flow (2)
149	601.57	114.00	Shut-In(2)
273	1095.45	113.86	End Shut-In(2)
277	1854.41	113.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
738.00	MCW 95%water5%mud	4.49
884.00	GCO 40%gas60%oil	12.40

Gas Rates

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



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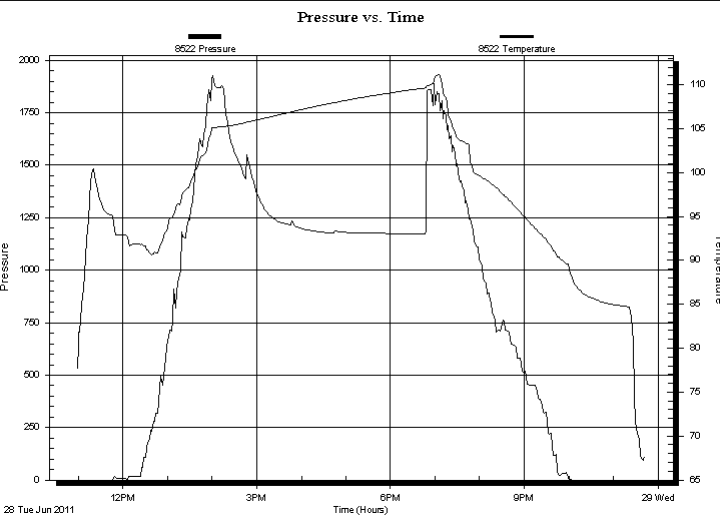
Stone #1-19
19-26s-33w Finney, KS
Job Ticket: 42218 **DST#: 1**
Test Start: 2011.06.28 @ 10:45:38

GENERAL INFORMATION:

Formation: **Lansing B**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Straddle
 Time Tool Opened: 14:15:53 Tester: Mike Slemp
 Time Test Ended: 23:41:53 Unit No: 53
 Interval: **3998.00 ft (KB) To 4008.00 ft (KB) (TVD)** Reference Elevations: 2937.00 ft (KB)
 Total Depth: 4020.00 ft (KB) (TVD) 2925.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 12.00 ft

Serial #: 8522 Below (Straddle)
 Press @ Run Depth: psig @ 4013.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.06.28 End Date: 2011.06.28 Last Calib.: 2011.06.28
 Start Time: 10:58:54 End Time: 23:42:23 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF- BOB in 4 min
 IS- 1 inch blow back
 FF-BOB in 4 min
 FS- No blow back



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

Recovery		
Length (ft)	Description	Volume (bbl)
738.00	MCW 95%w ater5%mud	4.49
884.00	GCO 40%gas60%oil	12.40

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco LLC

Stone #1-19

2020 N Bramblewood
Wichita, KS 67206

19-26s-33w Finney, KS

ATTN: Ed Grieves

Job Ticket: 42218

DST#: 1

Test Start: 2011.06.28 @ 10:45:38

Tool Information

Drill Pipe:	Length: 3360.00 ft	Diameter: 3.80 inches	Volume: 47.13 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: 643.00 ft	Diameter: 2.25 inches	Volume: 3.16 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 50.29 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 88000.00 lb
Depth to Top Packer:	3998.00 ft			Final 90000.00 lb
Depth to Bottom Packer:	4008.00 ft			
Interval between Packers:	10.00 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
Shut In Tool	5.00			3977.00	
Hydraulic tool	5.00			3982.00	
Jars	5.00			3987.00	
Safety Joint	2.00			3989.00	
Packer	5.00			3994.00	26.00 Bottom Of Top Packer
Packer	4.00			3998.00	
Stubb	1.00			3999.00	
Perforations	1.00			4000.00	
Recorder	0.00	8677	Inside	4000.00	
Recorder	0.00	8678	Inside	4000.00	
Perforations	7.00			4007.00	
Blank Off Sub	1.00			4008.00	10.00 Tool Interval
Packer	5.00			4013.00	
Recorder	0.00	8522	Below	4013.00	
Perforations	5.00			4018.00	
Bullnose	3.00			4021.00	13.00 Bottom Packers & Anchor
Total Tool Length:	49.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

Stone #1-19

2020 N Bramblewood
Wichita, KS 67206

19-26s-33w Finney,KS

Job Ticket: 42218

DST#: 1

ATTN: Ed Grieves

Test Start: 2011.06.28 @ 10:45:38

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

35000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.92 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
738.00	MCW 95%water5%mud	4.495
884.00	GCO 40%gas60%oil	12.400

Total Length: 1622.00 ft

Total Volume: 16.895 bbl

Num Fluid Samples: 0

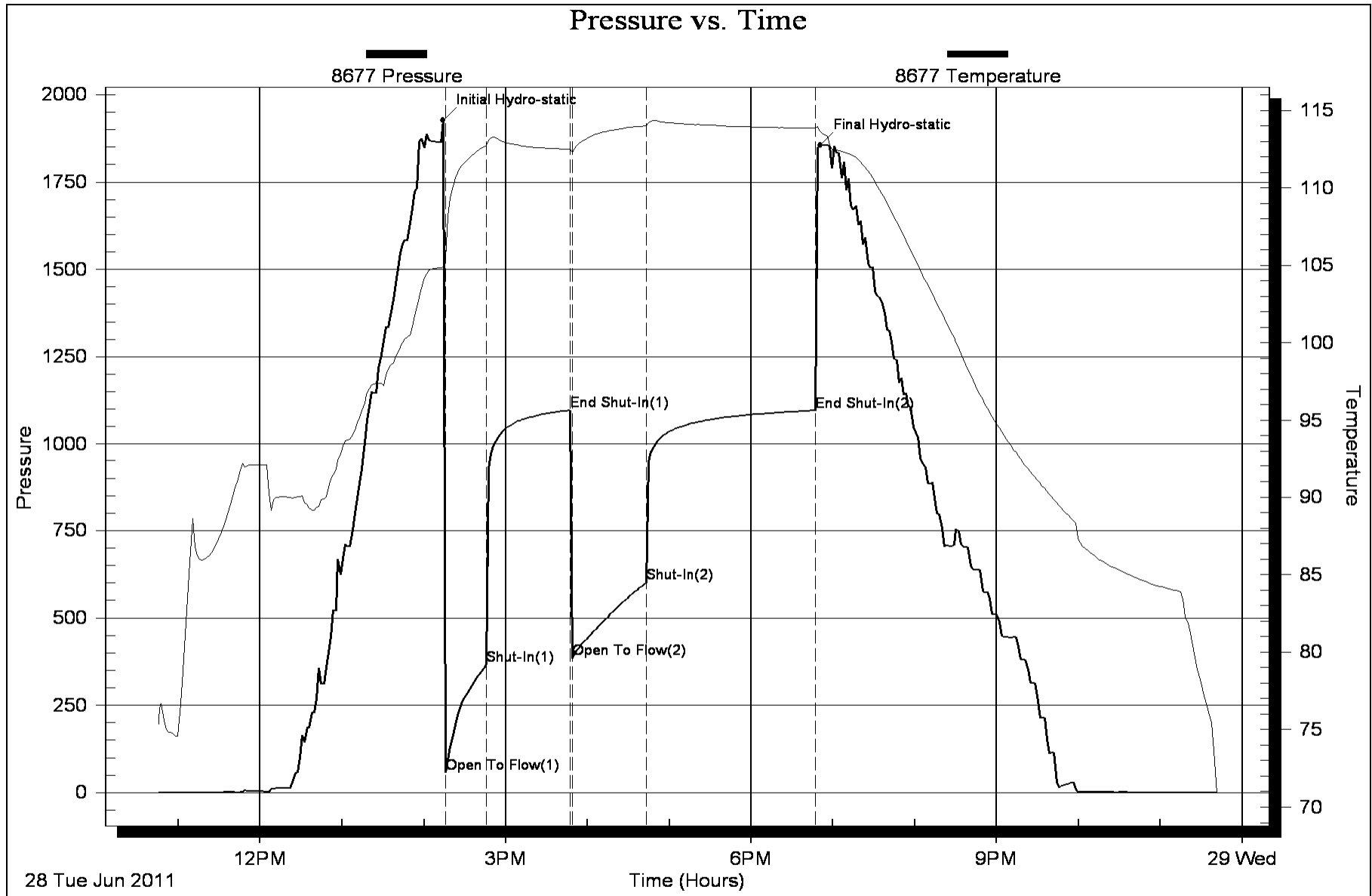
Num Gas Bombs: 0

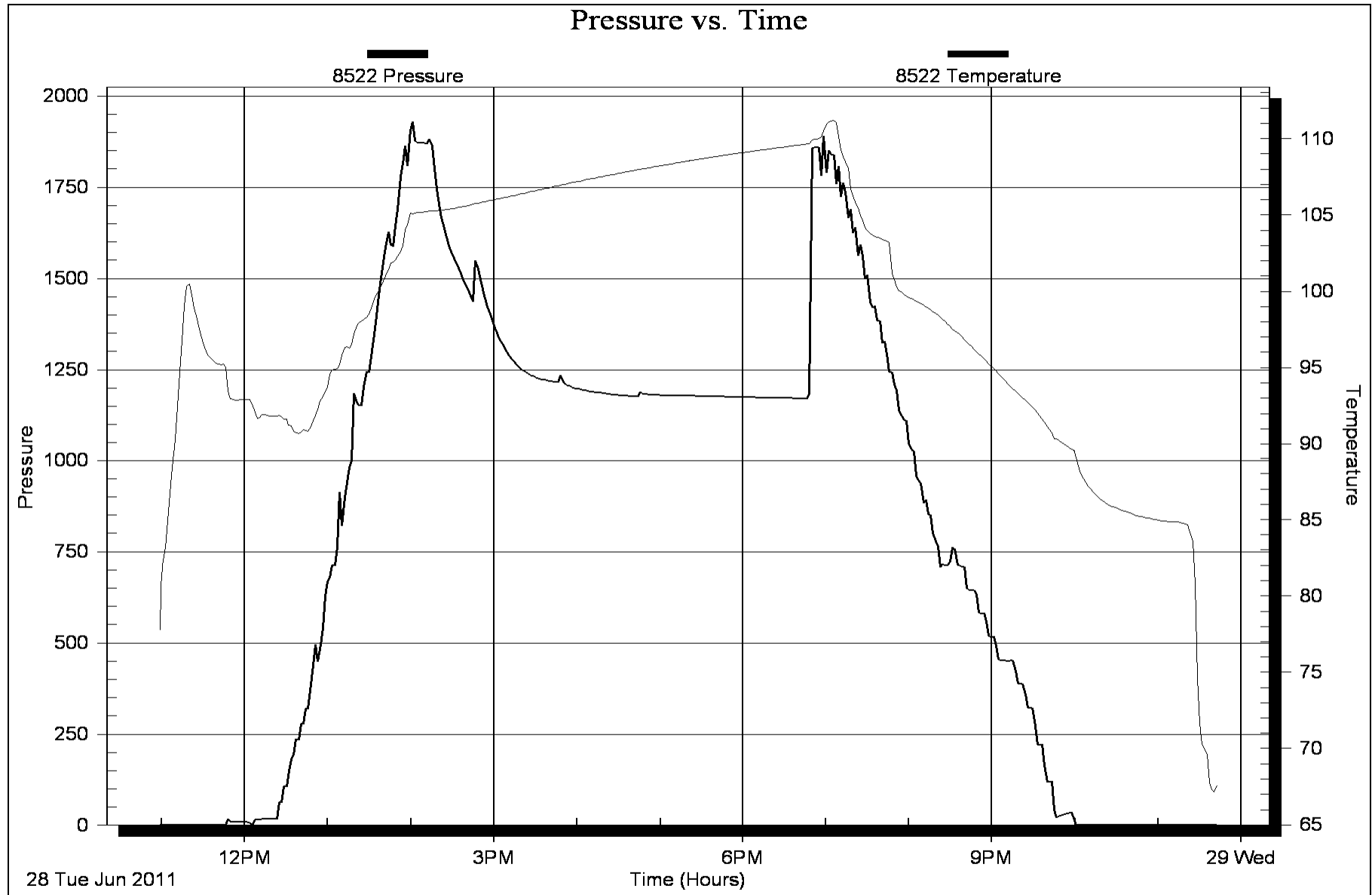
Serial #:

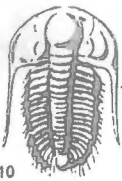
Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 042218 15983

Well Name & No. Stone 1-19 Test No. 1 Date 6-28-11
 Company Beccolo Elevation 2937 KB 2925 GL
 Address 2020 N Bramblewood Wichita
 Co. Rep / Geo. Ed Greaves Rig Beredco #3
 Location: Sec. 19 Twp. 26s Rge. 33w Co. Finney State Ks

Interval Tested 3998-4008 Zone Tested Lansing B
 Anchor Length 10 Drill Pipe Run 3360.0 Mud Wt. 8.8
 Top Packer Depth 3993 Drill Collars Run 643.0 Vis 55
 Bottom Packer Depth 3998 Wt. Pipe Run 0 WL 8.0
 Total Depth 4020 Chlorides ~~1800~~ 1800 ppm System LCM 2#

Blow Description IF-BoB in 4min
ISL- 1inch blowback
FF-BoB in 4min
FSL- NO Blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>884</u>	<u>GCO</u>	<u>40</u>	<u>60</u>	<u>0</u>	<u>0</u>
<u>738</u>	<u>MLW</u>	<u>0</u>	<u>0</u>	<u>8</u>	<u>5</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

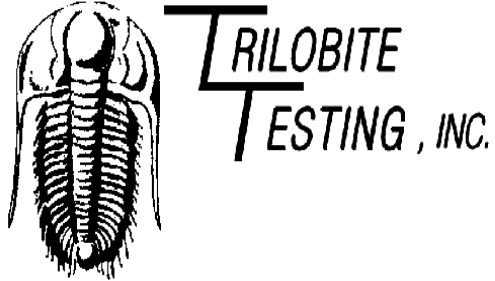
Rec Total 1622 BHT 113.86 Gravity 38 API RW .17 @ 75 ° F Chlorides 35000 ppm

(A) Initial Hydrostatic 1925.08 Test 1225.00 T-On Location 10:00 AM
 (B) First Initial Flow 57.17 Jars 250.00 T-Started 11:30 AM P/L tools
 (C) First Final Flow 366.31 Safety Joint 75.00 T-Open 2:15 pm
 (D) Initial Shut-In 1096.36 Circ Sub _____ T-Pulled 4:45 pm
 (E) Second Initial Flow 385.37 Hourly Standby 2hrs- 200.00 T-Out 11:30 pm
 (F) Second Final Flow 601.57 Mileage 130mi- 182.00 Comments _____
 (G) Final Shut-In 1085.45 Sampler _____
 (H) Final Hydrostatic 1854.41 Straddle 600.00 Ruined Shale Packer _____
 Shale Packer 250.00 Ruined Packer _____

Initial Open 30 Extra Packer _____ Extra Copies _____
 Initial Shut-In 60 Extra Recorder _____ Sub Total _____
 Final Flow 60 Day Standby _____ Total 2782.00
 Final Shut-In 120 Accessibility _____ MP/DST Disc't _____
 Sub Total 2782.00

Approved By [Signature] Our Representative [Signature]

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.



DRILL STEM TEST REPORT

Prepared For: **Berexco LLC**

2020 N Bramblewood
Wichita, KS 67206

ATTN: Ed Grieves

19-26s-33w Finney,KS

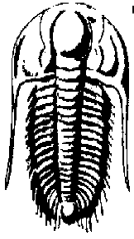
Stone #1-19

Start Date: 2011.06.30 @ 04:50:39

End Date: 2011.06.30 @ 13:25:54

Job Ticket #: 42219 DST #: 2

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DRILL STEM TEST REPORT

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2020 N Bramblewood
Wichita, KS 67206
ATTN: Ed Grieves

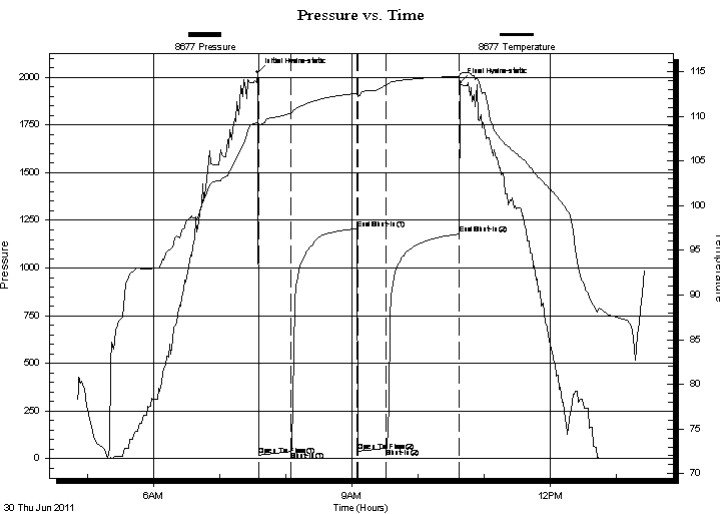
Stone #1-19
19-26s-33w Finney,KS
Job Ticket: 42219 **DST#: 2**
Test Start: 2011.06.30 @ 04:50:39

GENERAL INFORMATION:

Formation: **Lansing G**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:35:24
Time Test Ended: 13:25:54
Interval: **4234.00 ft (KB) To 4250.00 ft (KB) (TVD)**
Total Depth: 4250.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Mike Slemp
Unit No: 53
Reference Elevations: 2937.00 ft (KB)
2925.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8677 Inside
Press @ Run Depth: 55.14 psig @ 4235.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.06.30 End Date: 2011.06.30 Last Calib.: 2011.06.30
Start Time: 04:50:40 End Time: 13:25:54 Time On Btm: 2011.06.30 @ 07:34:09
Time Off Btm: 2011.06.30 @ 10:37:54

TEST COMMENT: IF- Weak surface blow 1/2 inch in 30 min
IS- No blow back
FF- No blow
FS- No blow back



PRESSURE SUMMARY

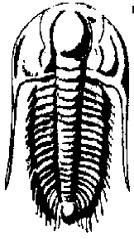
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2025.80	109.36	Initial Hydro-static
2	20.47	109.09	Open To Flow (1)
30	37.35	110.35	Shut-In(1)
90	1205.78	112.57	End Shut-In(1)
92	40.72	112.20	Open To Flow (2)
117	55.14	113.46	Shut-In(2)
183	1178.46	114.48	End Shut-In(2)
184	1972.44	114.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	mud	0.15

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco LLC

Stone #1-19

2020 N Bramblewood
Wichita, KS 67206

19-26s-33w Finney,KS

Job Ticket: 42219

DST#: 2

ATTN: Ed Grieves

Test Start: 2011.06.30 @ 04:50:39

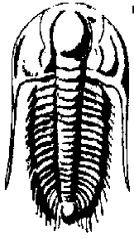
Tool Information

Drill Pipe:	Length: 3585.00 ft	Diameter: 3.80 inches	Volume: 50.29 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: 643.00 ft	Diameter: 2.25 inches	Volume: 3.16 bbl	Weight to Pull Loose:	100000.0 lb
			<u>Total Volume: 53.45 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial	88000.00 lb
Depth to Top Packer:	4234.00 ft			Final	88000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	16.00 ft				
Tool Length:	37.00 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			4218.00	
Hydraulic tool	5.00			4223.00	
Safety Joint	2.00			4225.00	
Packer	5.00			4230.00	21.00 Bottom Of Top Packer
Packer	4.00			4234.00	
Stubb	1.00			4235.00	
Recorder	0.00	8678	Inside	4235.00	
Recorder	0.00	8677	Inside	4235.00	
Perforations	12.00			4247.00	
Bullnose	3.00			4250.00	16.00 Bottom Packers & Anchor
Total Tool Length:	37.00				



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

Stone #1-19

2020 N Bramblewood
Wichita, KS 67206

19-26s-33w Finney,KS

Job Ticket: 42219

DST#: 2

ATTN: Ed Grieves

Test Start: 2011.06.30 @ 04:50:39

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.91 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2750.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	mud	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

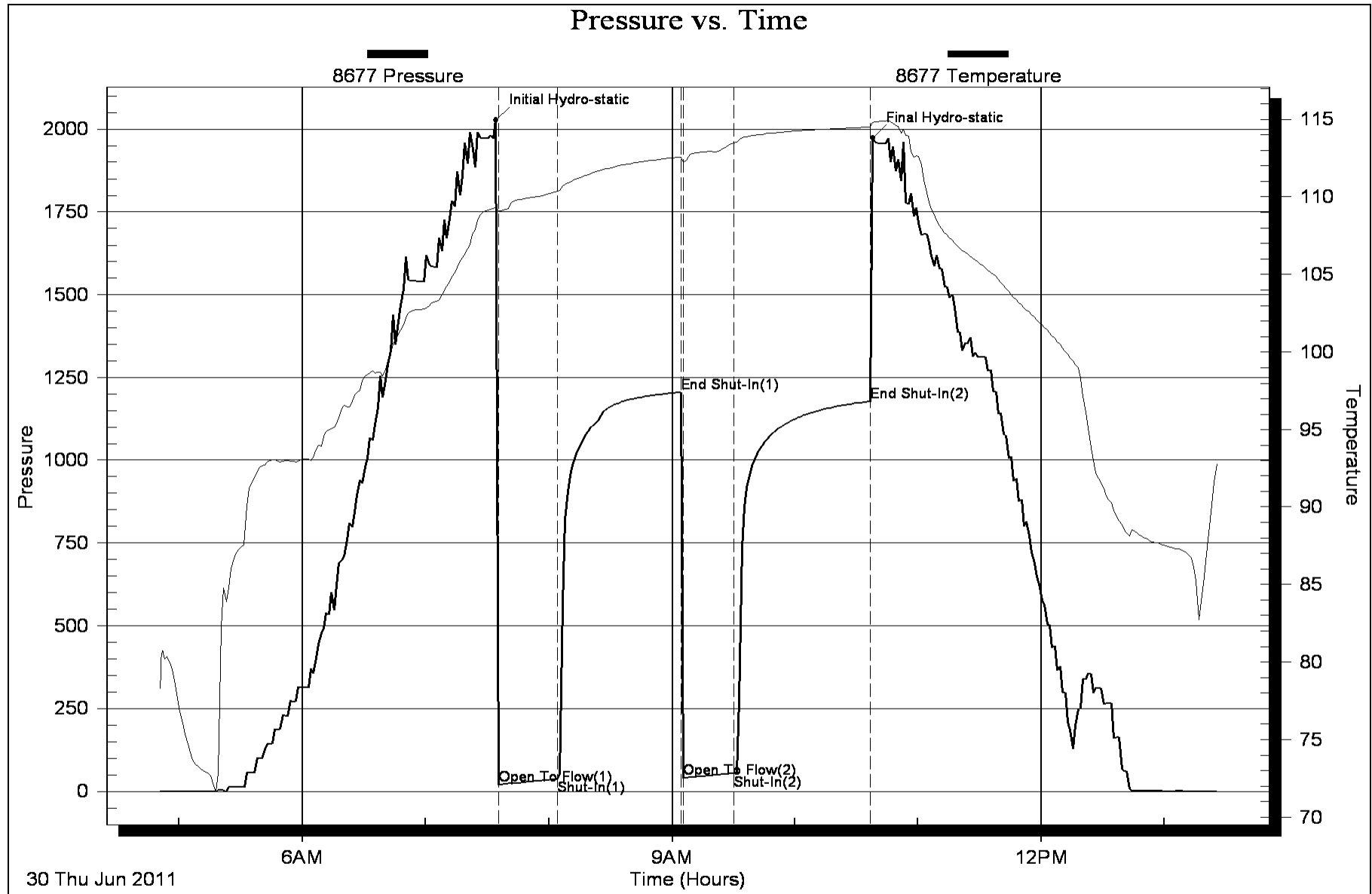
Num Gas Bombs: 0

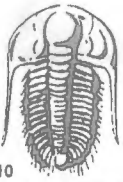
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 042219

Well Name & No. Stone #1-19 Test No. 2 Date 6-30-11
 Company Berexco Elevation 2937 KB 2925 GL
 Address 2020 N. Bramblewood Wichita KS 67206
 Co. Rep / Geo. Ed Grievos Rig Berexco 2
 Location: Sec. 19 Twp. 26S Rge. 33W Co. Finney State Ks

Interval Tested 4234-4250 Zone Tested Lensing G
 Anchor Length 16' Drill Pipe Run 3585 Mud Wt. 8.8
 Top Packer Depth 4229 Drill Collars Run 643.0 Vis SS
 Bottom Packer Depth 4234 Wt. Pipe Run 0 WL 8.0
 Total Depth 4250 Chlorides 2750 ppm System LCM 2#

Blow Description IF-weak surface blow 1/2 inch in 30 min
ISI-NO blow back
FF-NO blow
PSI-NO blow back

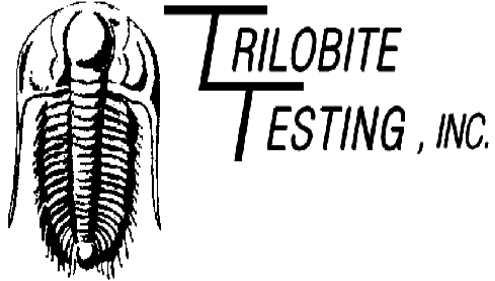
Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 30 BHT 114.40 Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic 2025.80 Test 1225.00 T-On Location 4:30 AM
 (B) First Initial Flow 20.47 Jars N/A T-Started 5:00 AM
 (C) First Final Flow 37.35 Safety Joint 75.00 T-Open 7:35 AM
 (D) Initial Shut-In 1205.78 Circ Sub _____ T-Pulled 10:35 AM
 (E) Second Initial Flow 40.78 Hourly Standby _____ T-Out 1:30 PM
 (F) Second Final Flow ~~2025.80~~ 55.14 Mileage 130 mi 182.00 Comments _____
 (G) Final Shut-In 1178.46 Sampler _____
 (H) Final Hydrostatic 1972.44 Straddle _____
 Shale Packer x2 500.00 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Sub Total _____
 Day Standby _____ Total 1982.00
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1982.00

Approved By [Signature] Our Representative _____

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.



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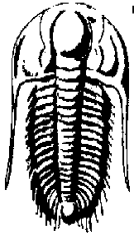
Stone #1-19

Start Date: 2011.07.01 @ 15:22:15

End Date: 2011.07.02 @ 00:16:00

Job Ticket #: 43162 DST #: 3

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



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ATTN: Ed Grieves

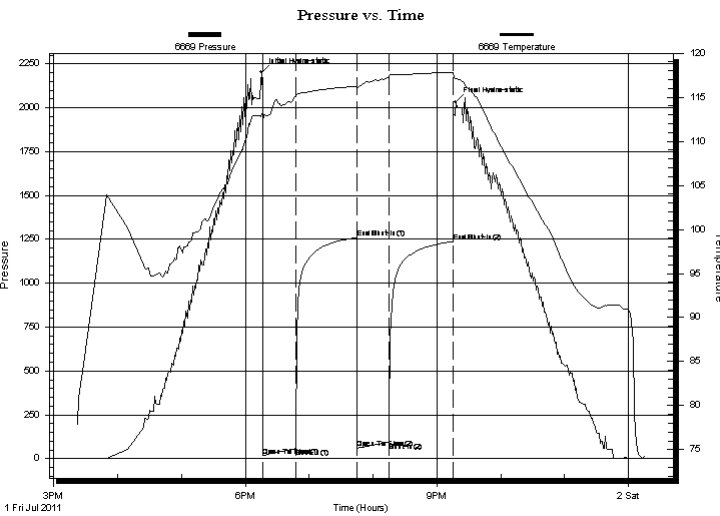
Stone #1-19
19-26s-33w Finney,KS
Job Ticket: 43162 **DST#: 3**
Test Start: 2011.07.01 @ 15:22:15

GENERAL INFORMATION:

Formation: **KC A**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:16:30
Time Test Ended: 00:16:00
Test Type: Conventional Bottom Hole
Tester: Mike Roberts
Unit No: 48
Interval: **4400.00 ft (KB) To 4425.00 ft (KB) (TVD)**
Reference Elevations: 2937.00 ft (KB)
Total Depth: 4425.00 ft (KB) (TVD) 2925.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 12.00 ft

Serial #: 6669 Inside
Press @ Run Depth: 95.93 psig @ 4401.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.07.01 End Date: 2011.07.02 Last Calib.: 2011.07.02
Start Time: 15:22:15 End Time: 00:16:00 Time On Btm: 2011.07.01 @ 18:15:00
Time Off Btm: 2011.07.01 @ 21:17:30

TEST COMMENT: IF: Built to 2" blow in 30 min
IS: No return blow
FF: No blow
FS: No return blow



PRESSURE SUMMARY

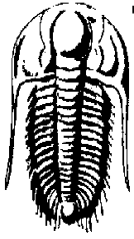
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2201.27	113.08	Initial Hydro-static
2	16.64	112.12	Open To Flow (1)
32	57.18	115.13	Shut-In(1)
90	1261.15	116.26	End Shut-In(1)
90	60.60	115.99	Open To Flow (2)
120	95.93	117.26	Shut-In(2)
180	1238.13	117.82	End Shut-In(2)
183	2032.29	117.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	m 100% m	0.49

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco LLC

Stone #1-19

2020 N Bramblewood
Wichita, KS 67206

19-26s-33w Finney, KS

Job Ticket: 43162

DST#: 3

ATTN: Ed Grieves

Test Start: 2011.07.01 @ 15:22:15

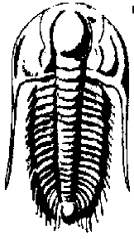
Tool Information

Drill Pipe:	Length: 3767.00 ft	Diameter: 3.80 inches	Volume: 52.84 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: 643.00 ft	Diameter: 2.25 inches	Volume: 3.16 bbl	Weight to Pull Loose: 120000.0 lb
			<u>Total Volume: 56.00 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 95000.00 lb
Depth to Top Packer:	4400.00 ft			Final 96000.00 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
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			4384.00	
Hydraulic tool	5.00			4389.00	
Safety Joint	2.00			4391.00	
Packer	5.00			4396.00	21.00 Bottom Of Top Packer
Packer	4.00			4400.00	
Stubb	1.00			4401.00	
Recorder	0.00	6669	Inside	4401.00	
Recorder	0.00	8358	Inside	4401.00	
Perforations	19.00			4420.00	
Bullnose	5.00			4425.00	25.00 Bottom Packers & Anchor
Total Tool Length:	46.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

Stone #1-19

2020 N Bramblewood
Wichita, KS 67206

19-26s-33w Finney,KS

Job Ticket: 43162

DST#: 3

ATTN: Ed Grieves

Test Start: 2011.07.01 @ 15:22:15

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:

bbbl

Water Loss: 7.95 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
100.00	m 100% m	0.492

Total Length: 100.00 ft Total Volume: 0.492 bbl

Num Fluid Samples: 0

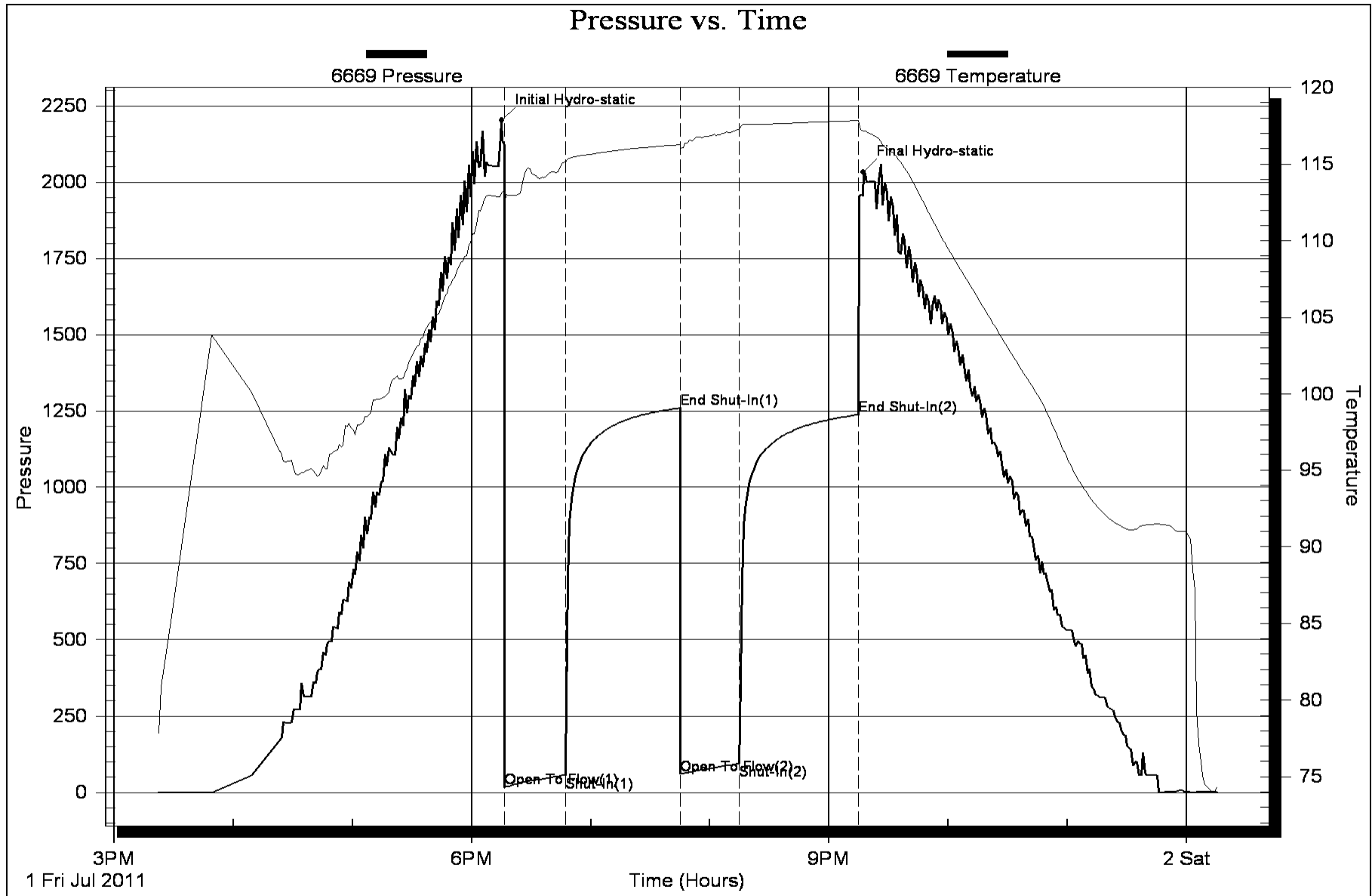
Num Gas Bombs: 0

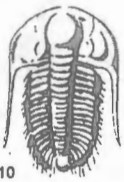
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 43162

4/10

Well Name & No. Berexco - Stone 1-19 Test No. 3 Date 7-11
 Company Beredco Elevation 2937 KB 2925 GL
 Address 2020 N. Bramblewood Wichita KS 67206
 Co. Rep / Geo. Ed Grieves Rig Beredco #2
 Location: Sec. 19 Twp. 26 S Rge. 33 W Co. Finney State KS

Interval Tested 4400-4425 Zone Tested ~~3207~~ KS City A
 Anchor Length 25' Drill Pipe Run ~~143~~ 3267 Mud Wt. 9.0
 Top Packer Depth 4396 Drill Collars Run 643 Vis 48
 Bottom Packer Depth 4400 Wt. Pipe Run φ WL 8.0
 Total Depth 4425 Chlorides 3200 ppm System LCM 5

Blow Description IF: Built to 2" Blow in 30 Min
IS: No Return Blow
FF: No Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>100</u>	<u>m</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

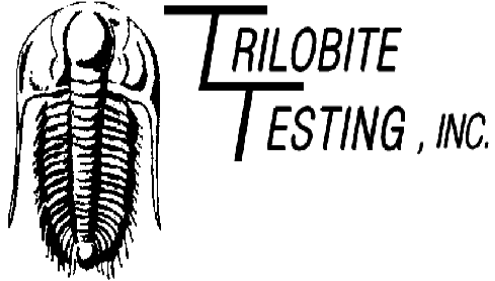
Rec Total 100 BHT 117 Gravity 1 API RW 1 @ 1 ° F Chlorides 1 ppm

(A) Initial Hydrostatic 2201 Test 1225' T-On Location 13:40
 (B) First Initial Flow 16 Jars _____ T-Started 15:22
 (C) First Final Flow 57 Safety Joint 275 T-Open 18:16
 (D) Initial Shut-In 1261 Circ Sub N/C T-Pulled 21:16
 (E) Second Initial Flow 60 Hourly Standby 1/2hr 50' T-Out 12:16
 (F) Second Final Flow 95 Mileage 130 RT 108' Comments _____
 (G) Final Shut-In 1238 Sampler _____
 (H) Final Hydrostatic 2032 Straddle _____

Shale Packer 500 x2 Ruined Shale Packer _____
 Extra Packer Shale Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Day Standby 2.5 hrs 83.35 Sub Total 0
 Accessibility _____ Total 2032
 Sub Total 2032 MP/DST Disc't _____

Approved By [Signature] Our Representative [Signature]

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.



DRILL STEM TEST REPORT

Prepared For: **Berexco LLC**

2020 N Bramblewood
Wichita, KS 67206

ATTN: Ed Grieves

19-26s-33w Finney,KS

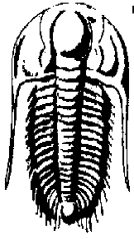
Stone #1-19

Start Date: 2011.07.02 @ 02:00:15

End Date: 2011.07.02 @ 12:14:45

Job Ticket #: 43163 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

Berexco LLC
 2020 N Bramblewood
 Wichita, KS 67206
 ATTN: Ed Grieves

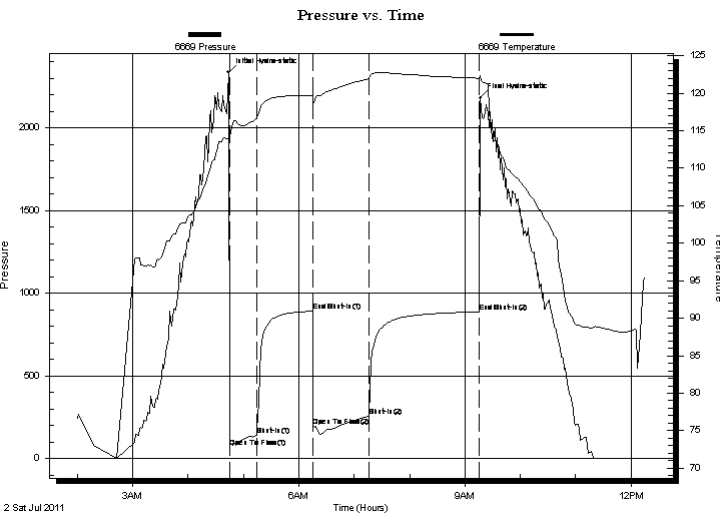
Stone #1-19
19-26s-33w Finney,KS
 Job Ticket: 43163 **DST#: 4**
 Test Start: 2011.07.02 @ 02:00:15

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:45:00
 Time Test Ended: 12:14:45
 Interval: **4544.00 ft (KB) To 4558.00 ft (KB) (TVD)**
 Total Depth: 4558.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Mike Roberts
 Unit No: 48
 Reference Elevations: 2937.00 ft (KB)
 2925.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 6669 Inside
 Press @ Run Depth: 258.26 psig @ 4545.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.07.02 End Date: 2011.07.02 Last Calib.: 2011.07.03
 Start Time: 02:00:15 End Time: 12:14:45 Time On Btm: 2011.07.02 @ 04:43:30
 Time Off Btm: 2011.07.02 @ 09:16:30

TEST COMMENT: IF:BOB in 20 Sec.
 IS:Bled off BOB in 3 min gas to surface...died to 6" blow
 FF:BOB in 3 min. gas to surface
 FS:Bled off for 10 min.. BOB in 3 min.



PRESSURE SUMMARY

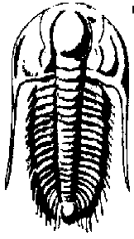
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2334.58	113.91	Initial Hydro-static
2	70.63	114.11	Open To Flow (1)
31	143.16	116.65	Shut-In(1)
92	892.05	119.69	End Shut-In(1)
92	195.14	119.21	Open To Flow (2)
153	258.26	121.93	Shut-In(2)
272	887.56	122.00	End Shut-In(2)
273	2180.35	122.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	w mwg 3%w 10%m 12%o 75%g	0.91
186.00	mcgo 20%m 40%g 40%o	0.91
279.00	gco 30%g 70%o	1.44
93.00	mcgo 5%m 45%g 50%o	1.30
93.00	free oil 100%o	1.30
0.00	GIP= 3720 feet	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco LLC

Stone #1-19

2020 N Bramblewood
Wichita, KS 67206

19-26s-33w Finney, KS

ATTN: Ed Grieves

Job Ticket: 43163

DST#: 4

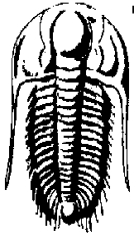
Test Start: 2011.07.02 @ 02:00:15

Tool Information

Drill Pipe:	Length: 3889.00 ft	Diameter: 3.80 inches	Volume: 54.55 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: 643.00 ft	Diameter: 2.25 inches	Volume: 3.16 bbl	Weight to Pull Loose:	110000.0 lb
			<u>Total Volume: 57.71 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial	96000.00 lb
Depth to Top Packer:	4544.00 ft			Final	97000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	14.00 ft				
Tool Length:	35.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4528.00	
Hydraulic tool	5.00			4533.00	
Safety Joint	2.00			4535.00	
Packer	5.00			4540.00	21.00 Bottom Of Top Packer
Packer	4.00			4544.00	
Stubb	1.00			4545.00	
Recorder	0.00	6669	Inside	4545.00	
Recorder	0.00	8358	Inside	4545.00	
Perforations	8.00			4553.00	
Bullnose	5.00			4558.00	14.00 Bottom Packers & Anchor
Total Tool Length:	35.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

Stone #1-19

2020 N Bramblewood
Wichita, KS 67206

19-26s-33w Finney, KS

Job Ticket: 43163

DST#: 4

ATTN: Ed Grieves

Test Start: 2011.07.02 @ 02:00:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	w mog 3%w 10%m 12%o 75%g	0.915
186.00	mcgo 20%m 40%g 40%o	0.915
279.00	gco 30%g 70%o	1.445
93.00	mcgo 5%m 45%g 50%o	1.305
93.00	free oil 100%o	1.305
0.00	GIP= 3720 feet	0.000

Total Length: 837.00 ft

Total Volume: 5.885 bbl

Num Fluid Samples: 0

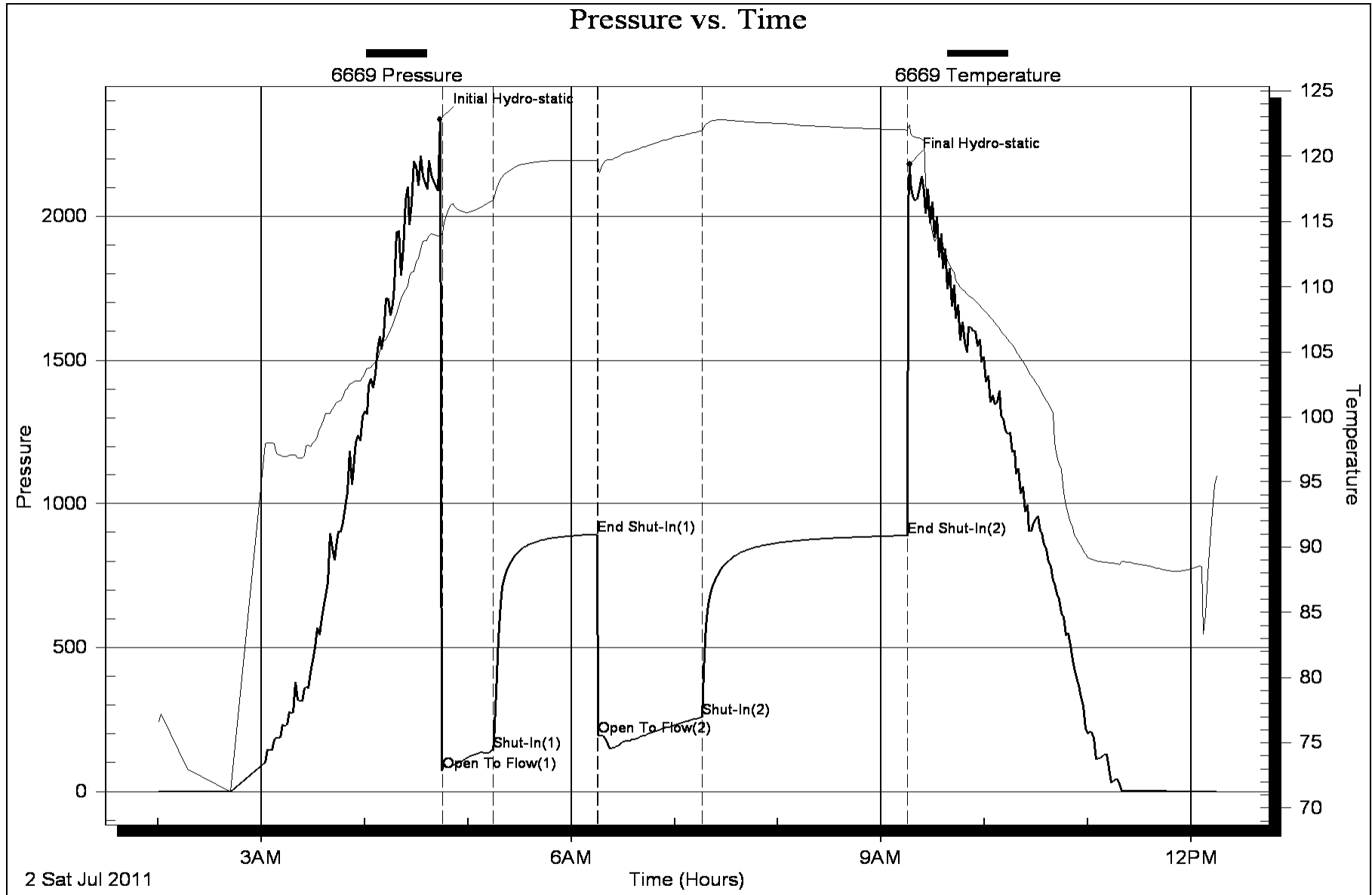
Num Gas Bombs: 0

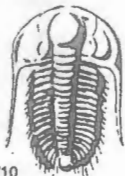
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: GIP= 3720 feet





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

JUL 17 2011

NO. 43163

Well Name & No. Berexco - Stone 1-19 Test No. 4 Date 7-2-11
 Company Beredco Elevation 2937 KB 2925 GL
 Address 2020 N. Bramblewood Wichita KS 67206
 Co. Rep / Geo. Ed. Grieves Rig Beredco #2
 Location: Sec. 19 Twp. 26 S Rge. 33W Co. Finnney State KS

Interval Tested 4544-4558 Zone Tested Marmaton
 Anchor Length 14' Drill Pipe Run 3889 Mud Wt. 9.1
 Top Packer Depth 4540 Drill Collars Run 643 Vis 52
 Bottom Packer Depth 4544 Wt. Pipe Run Ø WL 7.2
 Total Depth 4558 Chlorides 3800 ppm System LCM 5

Blow Description IF: BOB IN 20 Sec.
IS: BOB IN 3 MIN GAS TO SURFACE 6 MIN DIED TO 6" BLOW
FF: BOB IN 3 MIN GAS TO SURFACE
FS: Bled off for 10 min BOB Return in 3 min

Rec	Feet of	%gas	%oil	%water	%mud
Ø	GIP = 3720				
93	Free oil		100		
93	mcgo	45	50		5
279	geo	30	70		
186	mcgo	40	40		20
186	w mo g	75	12	3	10

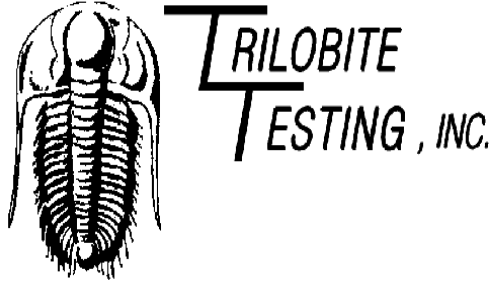
Rec Total 837 BHT 122 Gravity 34 API RW / @ / ° F Chlorides / ppm

(A) Initial Hydrostatic 2334 Test 1225 T-On Location 23:20
 (B) First Initial Flow 70 Jars _____ T-Started 02:00
 (C) First Final Flow 143 Safety Joint 75 T-Open 04:45
 (D) Initial Shut-In 892 Circ Sub NC T-Pulled 09:15
 (E) Second Initial Flow 195 Hourly Standby ?? 3hrs 300 T-Out 12:14
 (F) Second Final Flow 258 Mileage 120 RTX 2 Comments Loaded tools
 (G) Final Shut-In 887 Sampler 240er 300 7-4-11 3 PM
 (H) Final Hydrostatic 2180 Straddle _____ Ruined Shale Packer _____

Initial Open 30 Shale Packer 600 Ruined Packer _____
 Initial Shut-In 60 Extra Packer Shale Extra Copies _____
 Final Flow 60 Extra Recorder _____ Sub Total Ø
 Final Shut-In 120 Day Standby 83-35 Total 2486
 Accessibility _____ MP/DST Disc't _____
 Sub Total 2486

Approved By [Signature] Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged or 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.



DRILL STEM TEST REPORT

Prepared For: **Berexco LLC**

2020 N Bramblewood
Wichita, KS 67206

ATTN: Ed Grieves

19-26s-33w Finney,KS

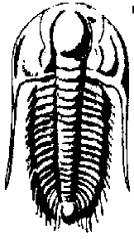
Stone #1-19

Start Date: 2011.07.05 @ 23:15:00

End Date: 2011.07.06 @ 09:28:30

Job Ticket #: 43164 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

Berexco LLC
2020 N Bramblewood
Wichita, KS 67206
ATTN: Ed Grieves

Stone #1-19
19-26s-33w Finney,KS
Job Ticket: 43164 **DST#: 5**
Test Start: 2011.07.05 @ 23:15:00

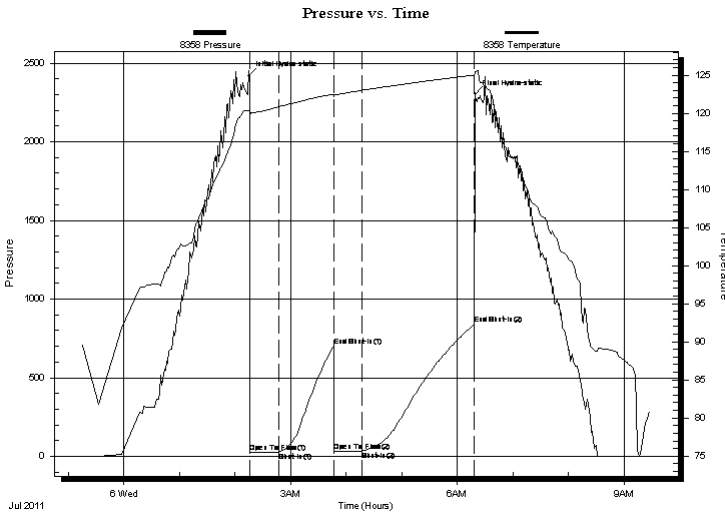
GENERAL INFORMATION:

Formation: **Morrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:16:15
Time Test Ended: 09:28:30
Interval: **4953.00 ft (KB) To 4980.00 ft (KB) (TVD)**
Total Depth: 4980.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Jace McKinney
Unit No: 48
Reference Elevations: 2937.00 ft (KB)
2925.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8358 Inside
Press @ Run Depth: 33.24 psig @ 4982.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.07.05 End Date: 2011.07.06 Last Calib.: 2011.07.06
Start Time: 23:15:15 End Time: 09:28:30 Time On Btm: 2011.07.06 @ 02:15:00
Time Off Btm: 2011.07.06 @ 06:19:15

TEST COMMENT: Weak Surface Blow
No Return Blow
Very Weak Surface Blow
No Return Blow

PRESSURE SUMMARY



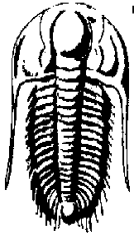
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2417.43	120.40	Initial Hydro-static
2	25.72	119.57	Open To Flow (1)
32	28.10	120.84	Shut-In(1)
92	701.92	122.52	End Shut-In(1)
92	30.23	122.18	Open To Flow (2)
122	33.24	123.02	Shut-In(2)
244	841.76	125.00	End Shut-In(2)
245	2302.47	125.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	M 100%M	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco LLC

Stone #1-19

2020 N Bramblewood
Wichita, KS 67206

19-26s-33w Finney, KS

Job Ticket: 43164

DST#: 5

ATTN: Ed Grieves

Test Start: 2011.07.05 @ 23:15:00

Tool Information

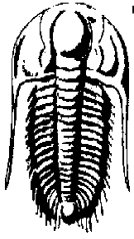
Drill Pipe:	Length: 4327.08 ft	Diameter: 3.80 inches	Volume: 60.70 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 643.00 ft	Diameter: 2.25 inches	Volume: 3.16 bbl	Weight to Pull Loose: 150000.0 lb
			<u>Total Volume: 63.86 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.08 ft			String Weight: Initial 100000.0 lb
Depth to Top Packer:	4980.00 ft			Final 104000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	53.00 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			4959.00	
Hydraulic tool	5.00			4964.00	
Jars	5.00			4969.00	
Safety Joint	2.00			4971.00	
Packer	5.00			4976.00	26.00 Bottom Of Top Packer
Packer	4.00			4980.00	
Stubb	2.00			4982.00	
Recorder	0.00	8358	Inside	4982.00	
Recorder	0.00	6669	Outside	4982.00	
Perforations	20.00			5002.00	
Bullnose	5.00			5007.00	27.00 Bottom Packers & Anchor

Total Tool Length: 53.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

Stone #1-19

2020 N Bramblewood
Wichita, KS 67206

19-26s-33w Finney,KS

Job Ticket: 43164

DST#: 5

ATTN: Ed Grieves

Test Start: 2011.07.05 @ 23:15:00

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: 7.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	M 100%M	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

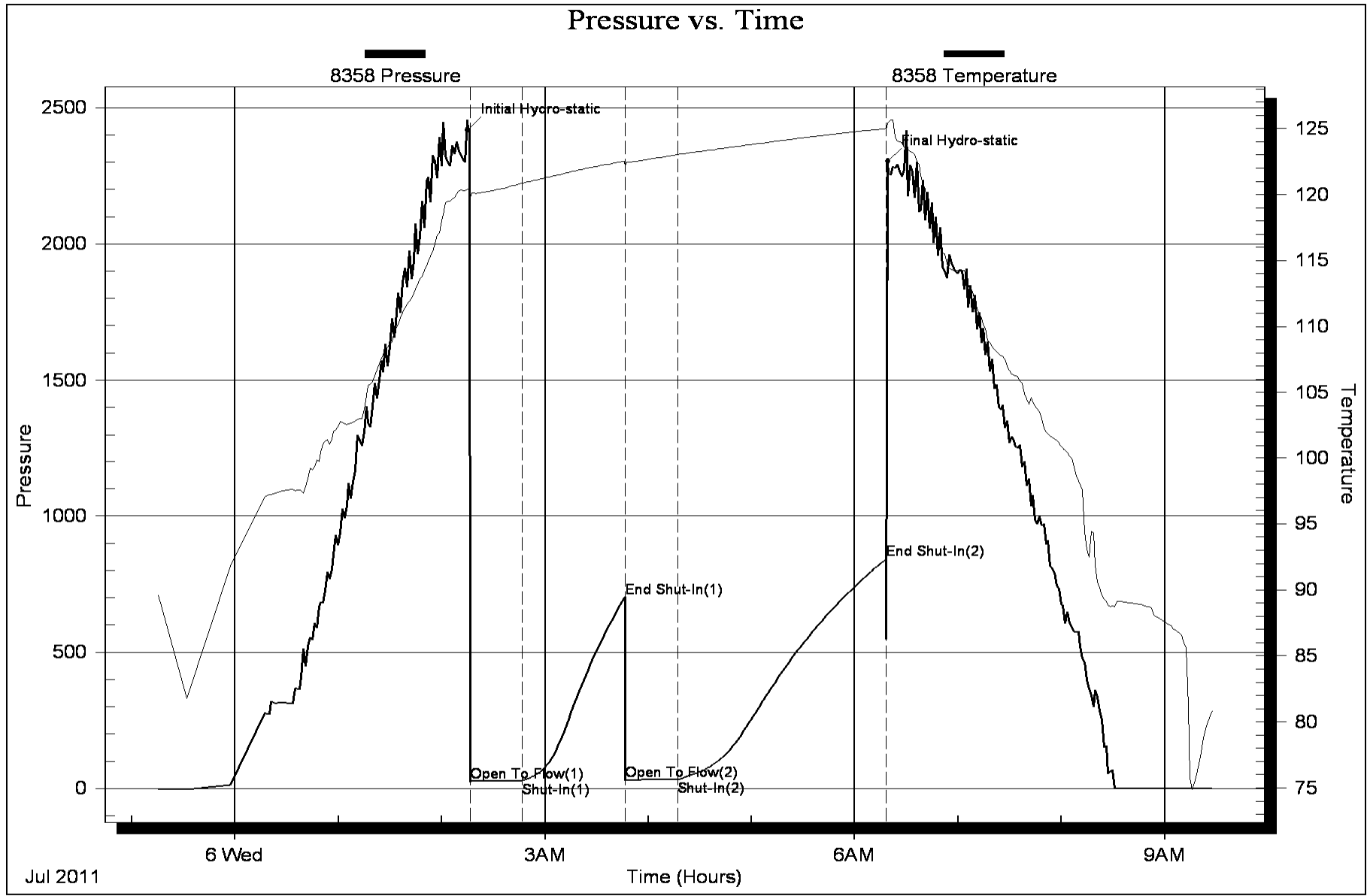
Num Gas Bombs: 0

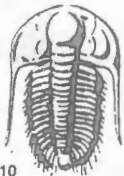
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 43164

Well Name & No. Berexco - Stone 1-19 Test No. 5 Date 7/5/11
 Company Beredco Elevation 2937 KB 2925 GL
 Address 2020 N Bramblewood Wichita KS, 67206
 Co. Rep / Geo. Ed Grieres Rig Beredco #2
 Location: Sec. 19 Twp. 26S Rge. 33W Co. Finney State KS

Interval Tested 4953 - 4980 Zone Tested Marrow
 Anchor Length 29 Drill Pipe Run 4327 Mud Wt. 9.2
 Top Packer Depth 4949 Drill Collars Run 643 Vis 50
 Bottom Packer Depth 4953 Wt. Pipe Run 0 WL 7.0
 Total Depth 4980 Chlorides 3200 ppm System LCM 4#

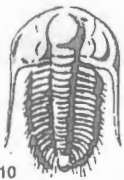
Blow Description Weak Surface Blow
No Return Blow
Very weak Surface Blow
No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 15 BHT 125 Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic 2417 Test 1225' T-On Location 20:25
 (B) First Initial Flow 26 Jars 250' T-Started 23:15
 (C) First Final Flow 28 Safety Joint 75' T-Open 2:15
 (D) Initial Shut-In 702 Circ Sub N/C T-Pulled 6:18
 (E) Second Initial Flow 30 Hourly Standby ? 3 1/4 hrs 325 T-Out 9:28 13 1/4
 (F) Second Final Flow 33 Mileage 130 RT 188' Comments _____
 (G) Final Shut-In 842 Sampler _____
 (H) Final Hydrostatic 2302 Straddle _____ Ruined Shale Packer 280'
 Shale Packer 500 Ruined Packer _____
 Extra Packer Shale Extra Copies _____
 Extra Recorder _____ Sub Total 280
 Day Standby 20 hrs 2300 Total 280 2655
 Accessibility _____ MP/DST Disc't _____
 Sub Total 2543 2375

Approved By [Signature] Our Representative [Signature]
 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 of 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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 43165

Well Name & No. Beredco - Stone 1-19 ^{BT} Test No. 6 Date 7/7/11
 Company Beredco Elevation 2937 KB 2935 GL
 Address 2020 N. Bramblewood Wichita KS 67206
 Co. Rep / Geo. Ed Griens Rig Beredco #2
 Location: Sec. 19 Twp. 26S Rge. 33E Co. Finnery State KS

Interval Tested 5014 - 5034 Zone Tested Morrow Fm.
 Anchor Length 20 Drill Pipe Run 4379 Mud Wt. 9.2
 Top Packer Depth 5010 Drill Collars Run Le43 Vis 51
 Bottom Packer Depth 5014 Wt. Pipe Run 0 WL 8.0
 Total Depth 5034 Chlorides 3,000 ppm System LCM 4#

Blow Description Built to 1/2" Blow
No Return Blow
Very Weak Surface Blow
No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
30	Mud			100	

Rec Total 30 BHT 125 Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic 2435 Test 1325 T-On Location 4:00
 (B) First Initial Flow 28 Jars 250 T-Started 4:35
 (C) First Final Flow 61 Safety Joint 75 T-Open 7:38
 (D) Initial Shut-In 768 Circ Sub w/c T-Pulled 12:08
 (E) Second Initial Flow 46 Hourly Standby 4hr 25 T-Out 15:19
 (F) Second Final Flow 78 Mileage 130RT 188 Comments _____
 (G) Final Shut-In 778 Sampler _____
 (H) Final Hydrostatic 2,342 Straddle _____
 Shale Packer (2) 500 Ruined Shale Packer _____
 Extra Packer Shale Ruined Packer _____
 Extra Recorder _____ Sub Total 8
 Day Standby _____ Total 2363 - 2359
 Accessibility _____ MP/DST Disc't _____
 Sub Total 2343 - 2357

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