



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
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

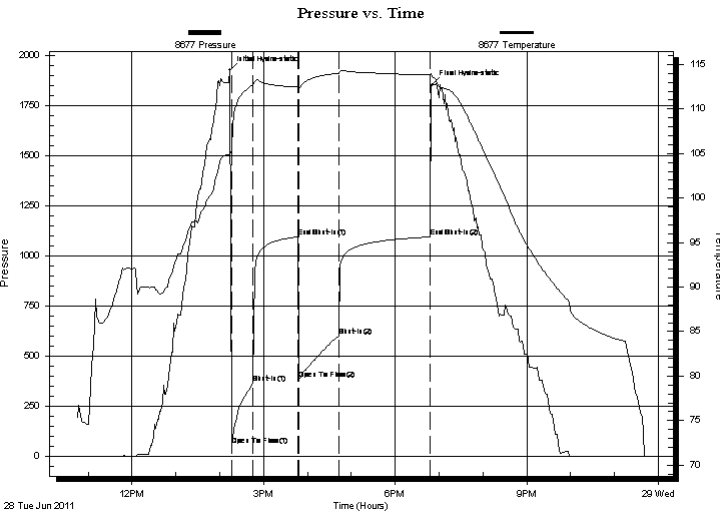
Stone #1-19
19-26s-33w Finney,KS
Job Ticket: 42218 **DST#: 1**
Test Start: 2011.06.28 @ 10:45:38

GENERAL INFORMATION:

Formation: **Lansing B**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Straddle
 Time Tool Opened: 14:15:53 Tester: Mike Slempp
 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 #: 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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TOOL DIAGRAM

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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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FLUID SUMMARY

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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:

