

DRILL STEM TEST REPORT

Prepared For: **Viking Resources Inc**

105 S Broadway Ste 730
Wichita KS 67202

ATTN: Shawn Devin

18 19 25 Ness KS

Vogel # 2

Start Date: 2007.08.16 @ 20:00:42

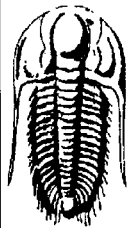
End Date: 2007.08.17 @ 04:58:57

Job Ticket #: 28795 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE TESTING, INC

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 Wichita KS 67202
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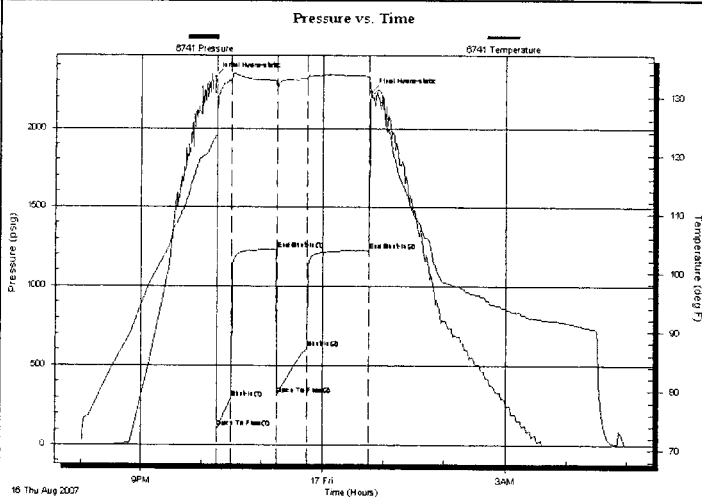
Vogel # 2
18 19 25 Ness KS
 Job Ticket: 28795 **DST#: 1**
 Test Start: 2007.08.16 @ 20:00:42

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:15:42
 Time Test Ended: 04:58:57
 Interval: **4555.00 ft (KB) To 4568.00 ft (KB) (TVD)**
 Total Depth: 4630.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Straddle
 Tester: Dan Bangle
 Unit No: 38
 Reference Elevations: 2585.00 ft (KB)
 2580.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6741 Inside
 Press@RunDepth: 611.84 psig @ 4556.00 ft (KB)
 Start Date: 2007.08.16 End Date: 2007.08.17
 Start Time: 20:00:44 End Time: 04:58:57
 Capacity: 7000.00 psig
 Last Calib.: 2007.08.17
 Time On Btm: 2007.08.16 @ 22:13:52
 Time Off Btm: 2007.08.17 @ 00:47:27

TEST COMMENT: IF Strong B-B in 1 1/2 min
 ISI Weak building to 3/4 "
 FF Strong B-B in 1 1/2 min
 FSI Weak building to 1/2 "



PRESSURE SUMMARY

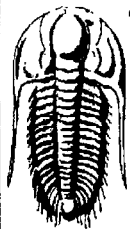
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2323.20	123.24	Initial Hydro-static
2	107.90	125.83	Open To Flow (1)
16	294.46	132.72	Shut-In(1)
62	1230.92	132.74	End Shut-In(1)
62	315.25	131.18	Open To Flow(2)
91	611.84	133.14	Shut-In(2)
152	1225.40	133.49	End Shut-In(2)
154	2230.21	131.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
435.00	W	4.98
62.00	OCGMW 10%G 20%O 70%W	0.87
124.00	OCGM 10%G 60%O 30%M	1.74
1054.00	CGO 10%G 90%O	14.78
0.00	435 GIP	0.00

Gas Rates

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



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TOOL DIAGRAM

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Test Start: 2007.08.16 @ 20:00:42

Tool Information

Drill Pipe:	Length: 4412.00 ft	Diameter: 3.80 inches	Volume: 61.89 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: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 65000.00 lb
			Total Volume: 62.49 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	4555.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	4568.00 ft			
Interval between Packers:	13.00 ft			
Tool Length:	104.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4527.00	
Shut In Tool	5.00			4532.00	
Hydraulic tool	5.00			4537.00	
Jars	5.00			4542.00	
Safety Joint	3.00			4545.00	
Packer	5.00			4550.00	29.00 Bottom Of Top Packer
Packer	5.00			4555.00	
Stubb	1.00			4556.00	
Recorder	0.00	6741	Inside	4556.00	
Perforations	8.00			4564.00	
Recorder	0.00	13254	Outside	4564.00	
Blank Off Sub	1.00			4565.00	
Blank Spacing	3.00			4568.00	13.00 Tool Interval
Packer	2.00			4570.00	
Stubb	1.00			4571.00	
Recorder	0.00	13248	Outside	4571.00	
Perforations	1.00			4572.00	
Change Over Sub	1.00			4573.00	
Drill Pipe	31.00			4604.00	
Change Over Sub	1.00			4605.00	
Perforations	22.00			4627.00	
Bullnose	3.00			4630.00	62.00 Bottom Packers & Anchor
Total Tool Length:	104.00				



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	40 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	70000 ppm
Viscosity:	55.00 sec/qt	Cushion Volume:	bbt		
Water Loss:	7.98 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3200.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbt
435.00	W	4.981
62.00	OCGMV 10%G 20%O 70%W	0.870
124.00	OCGM 10%G 60%O 30%M	1.739
1054.00	CGO 10%G 90%O	14.785
0.00	435 GIP	0.000

Total Length: 1675.00 ft Total Volume: 22.375 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: Rw .09 @ 80 = 70000ppm

Pressure vs. Time

