

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Victory Operating INC**
6 N Scottsdale
Wichita KS 67230

ATTN: Roscoe Mendenhall/ K

ILS Land #1-20

20-22s-16w Pawnee,KS

Start Date: 2012.09.25 @ 08:11:50

End Date: 2012.09.25 @ 17:20:20

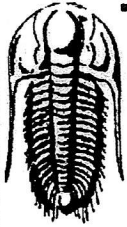
Job Ticket #: 49655 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Victory Operating INC 20-22s-16w Pawnee,KS ILS Land #1-20 DST # 1 Conglomerate 2012.09.25



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Victory Operating INC

20-22s-16w Pawnee, KS

6 N Scottsdale
Wichita KS 67230

ILS Land #1-20

Job Ticket: 49655

DST#: 1

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Test Start: 2012.09.25 @ 08:11:50

Tool Information

Drill Pipe:	Length: 3740.00 ft	Diameter: 3.80 inches	Volume: 52.46 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: 217.00 ft	Diameter: 2.25 inches	Volume: 1.07 bbl	Weight to Pull Loose: 72000.00 lb
		<u>Total Volume:</u>	<u>53.53 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	3968.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	82.00 ft			
Tool Length:	110.00 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			3941.00	
Shut In Tool	5.00			3946.00	
Hydraulic tool	5.00			3951.00	
Jars	5.00			3956.00	
Safety Joint	3.00			3959.00	
Packer	5.00			3964.00	28.00 Bottom Of Top Packer
Packer	4.00			3968.00	
Stubb	1.00			3969.00	
Recorder	0.00	6773	Outside	3969.00	
Recorder	0.00	6755	Inside	3969.00	
Perforations	3.00			3972.00	
Change Over Sub	0.50			3972.50	
Drill Pipe	64.00			4036.50	
Change Over Sub	0.50			4037.00	
Perforations	10.00			4047.00	
Bullnose	3.00			4050.00	82.00 Bottom Packers & Anchor
Total Tool Length:	110.00				



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FLUID SUMMARY

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20-22s-16w Pawnee, KS

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ILS Land #1-20

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DST#: 1

ATTN: Roscoe Mendenhall K

Test Start: 2012.09.25 @ 08:11:50

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 53.00 sec/qt
Water Loss: 9.98 in³
Resistivity: 0.00 ohm.m
Salinity: 11.00 ppm
Filter Cake: 0.02 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	3957' GIP	0.000
70.00	G.M 10%gas 90% mud	0.344

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: