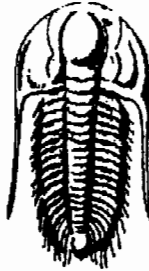


15-195-22301



**TRILOBITE
TESTING, INC.**

**KCC
OCT 18 2005
CONFIDENTIAL**

DRILL STEM TEST REPORT

Prepared For: **Hess Oil Co**

225 N Market Suite 300
Wichita KS

ATTN: Jamie Hess

21-14s-22w Trego

Fidelia #1

Start Date: 2005.08.16 @ 20:45:56

End Date: 2005.08.17 @ 03:41:41

Job Ticket #: 23536 DST #: 1

Hess Oil Co
Fidelia #1
21-14s-22w Trego
DST # 1
Sand
2005.08.16

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

**RECEIVED
OCT 17 2005
KCC WICHITA**



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Hess Oil Co
225 N Market Suite 300
Wichita KS

ATTN: Jamie Hess

Fidelia #1
21-14s-22w Trego
Job Ticket: 23536 **DST#: 1**
Test Start: 2005.08.16 @ 20:45:56

Tool Information

Drill Pipe:	Length: 3910.00 ft	Diameter: 3.80 inches	Volume: 54.85 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 168.00 ft	Diameter: 2.25 inches	Volume: 0.83 bbl	Weight to Pull Loose: 64000.00 lb
			<u>Total Volume: 55.68 bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4080.00 ft			Final 64000.00 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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4060.00	
Shut In Tool	5.00			4065.00	
Hydraulic tool	5.00			4070.00	
Packer	5.00			4075.00	21.00 Bottom Of Top Packer
Packer	5.00			4080.00	
Blank Spacing	1.00			4081.00	
Recorder	0.00	8166	Inside	4081.00	
Perforations	21.00			4102.00	
Recorder	0.00	10991	Outside	4102.00	
Bullnose	3.00			4105.00	25.00 Bottom Packers & Anchor
Total Tool Length:	46.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Hess Oil Co
225 N Market Suite 300
Wichita KS
ATTN: Jarrie Hess

Fidelia #1
21-14s-22w Trego
Job Ticket: 23536 DST#: 1
Test Start: 2005.08.16 @ 20:45:56

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 41 deg API
Mud Weight: lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: sec/qt	Cushion Volume: bbl	
Water Loss: in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1935.00	Clean Gassy 41 Gravity OIL	25.613
0.00	1320 GIP	0.000

Total Length: 1935.00 ft Total Volume: 25.613 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8166

Inside

Hess Oil Co

21-14s-22w Trego

DST Test Number: 1

