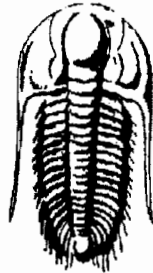


15-069-20299



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **L D Drilling Inc**

7 SW 26 Ave
Great Bend KS 67530

ATTN: Kim Shoemaker

8 24 29 Gray KS

#1 Markel "A"

Start Date: 2007.12.19 @ 00:30:00

End Date: 2007.12.19 @ 09:48:15

Job Ticket #: 27199 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

L D Drilling Inc

#1 Markel "A"

8 24 29 Gray KS

DST # 1

Morrow Sand

2007.12.19



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

L D Drilling Inc
7 SW 26 Ave
Great Bend KS 67530

ATTN: Kim Shoemaker

#1 Markel "A"
8 24 29 Gray KS
Job Ticket: 27199 **DST#: 1**
Test Start: 2007.12.19 @ 00:30:00

Tool Information

Drill Pipe:	Length: 4619.00 ft	Diameter: 3.80 inches	Volume: 64.79 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: 85000.00 lb
			Total Volume: 65.39 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4750.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	68.00 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			4723.00	
Shut In Tool	5.00			4728.00	
Hydraulic tool	5.00			4733.00	
Jars	5.00			4738.00	
Safety Joint	3.00			4741.00	
Packer	5.00			4746.00	28.00 Bottom Of Top Packer
Packer	4.00			4750.00	
Stubb	1.00			4751.00	
Change Over Sub	1.00			4752.00	
Drill Pipe	31.00			4783.00	
Change Over Sub	1.00			4784.00	
Recorder	0.00	6751	Inside	4784.00	
Perforations	2.00			4786.00	
Recorder	0.00	11018	Inside	4786.00	
Bullnose	4.00			4790.00	40.00 Bottom Packers & Anchor

Total Tool Length: 68.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

L D Drilling Inc

#1 Markel "A"

7 SW 26 Ave
Great Bend KS 67530

8 24 29 Gray KS

Job Ticket: 27199

DST#: 1

ATTN: Kim Shoemaker

Test Start: 2007.12.19 @ 00:30:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 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 bbl
70.00	100%M	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:

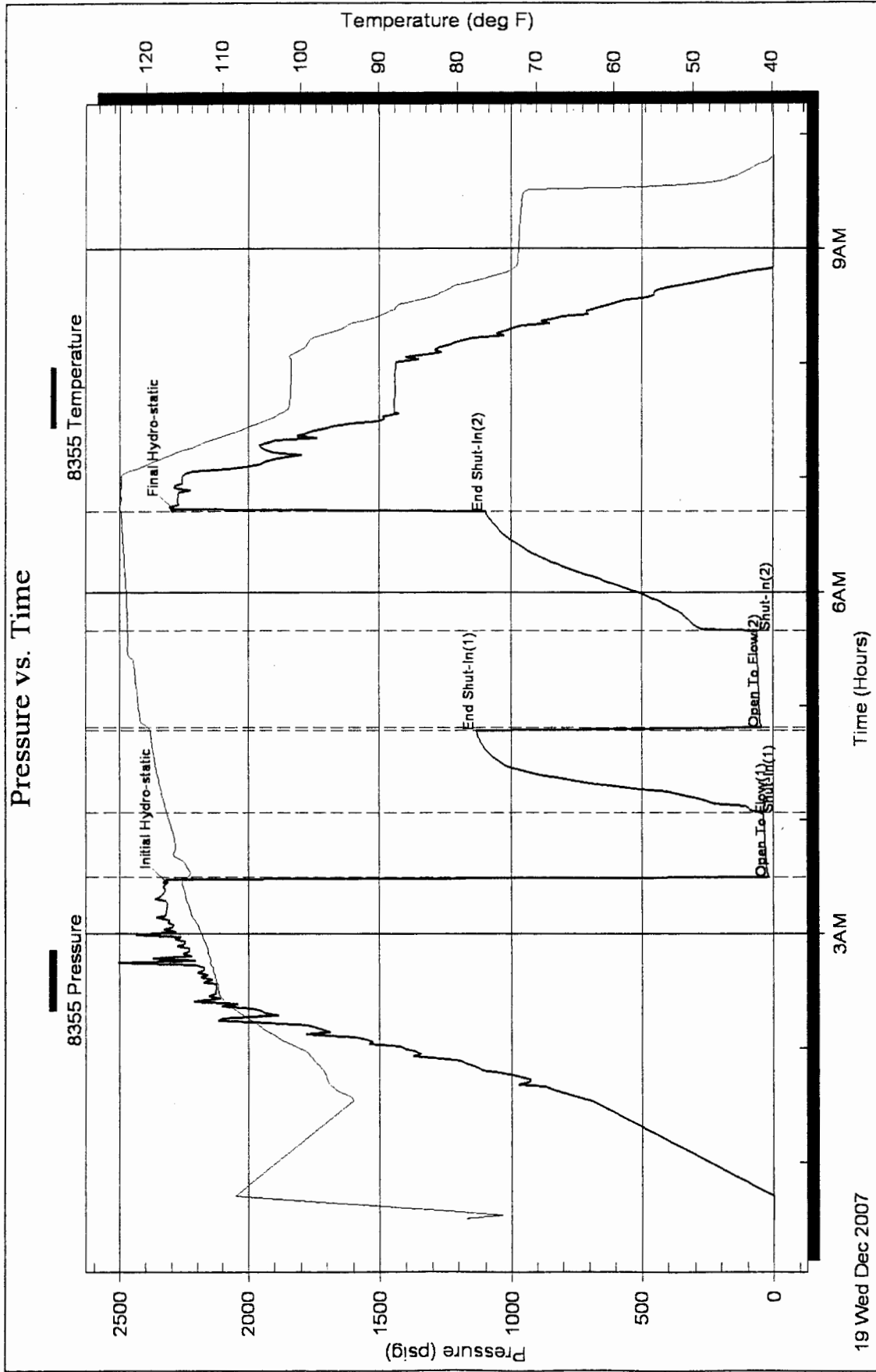
Serial #: 8355

L D Drilling Inc

8 24 29 Gray KS

DST Test Number: 1

Pressure vs. Time



19 Wed Dec 2007