

DRILL STEM TEST REPORT

Prepared For: **Clute Oil Corp.**

4300 South Dahlia St.
Englewood, Co. 80113

ATTN: Peter Clute

7-22s-19w Pawnee

Woelk # 1-17

Start Date: 2005.03.15 @ 11:27:11

End Date: 2005.03.15 @ 19:35:41

Job Ticket #: 21841 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Clute Oil Corp.

Woelk # 1-17

7-22s-19w Pawnee

DST # 1

Miss.

2005.03.15



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Clute Oil Corp.

Woelk # 1-17

4300 South Dahlia St.
Englewood, Co. 80113

7-22s-19w Pawnee

Job Ticket: 21841

DST#: 1

ATTN: Peter Clute

Test Start: 2005.03.15 @ 11:27:11

Tool Information

Drill Pipe:	Length: 4177.00 ft	Diameter: 3.80 inches	Volume: 58.59 bbl	Tool Weight: 2600.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 118.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 59.17 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	4304.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	47.00 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			4274.00	
Shut In Tool	5.00			4279.00	
Sampler	3.00			4282.00	
Hydraulic tool	5.00			4287.00	
Jars	5.00			4292.00	
Safety Joint	3.00			4295.00	
Packer	4.00			4299.00	31.00 Bottom Of Top Packer
Packer	5.00			4304.00	
Stubb	1.00			4305.00	
Recorder	0.00	8018	Inside	4305.00	
Perforations	12.00			4317.00	
Recorder	0.00	13308	Outside	4317.00	
Bullnose	3.00			4320.00	16.00 Bottom Packers & Anchor

Total Tool Length: 47.00



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FLUID SUMMARY

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Woelk # 1-17

4300 South Dahlia St.
Englewood, Co. 80113

7-22s-19w Pawnee

Job Ticket: 21841

DST#: 1

ATTN: Peter Clute

Test Start: 2005.03.15 @ 11:27:11

Mud and Cushion Information

Mud Type: Invert

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

50000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 22000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
110.00	WCM-15%W-85%M	0.541
10.00	OWCM-2%O-12%W-86%M	0.067

Total Length: 120.00 ft Total Volume: 0.608 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8018

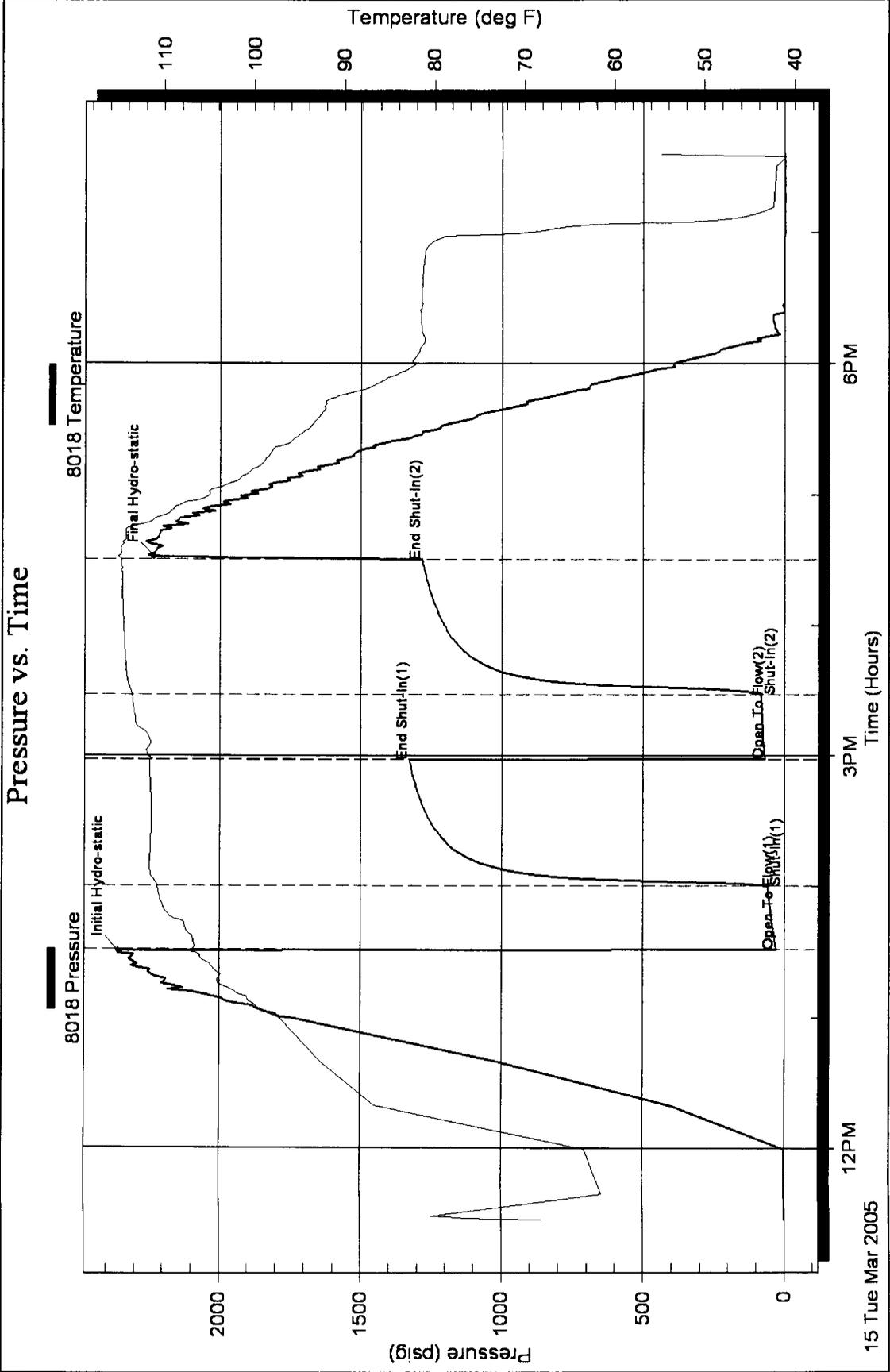
Inside

Clute Oil Corp.

7-22s-19w Pawnee

DST Test Number: 1

Pressure vs. Time



15 Tue Mar 2005

12PM

3PM

6PM

Time (Hours)