

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **OXY USA INC.**

Box 2528
Liberal Ks. 67905

ATTN: Justin

22/34s/33

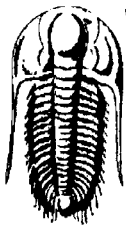
Hertlein B #2

Start Date: 2004.07.12 @ 20:30:05

End Date: 2004.07.13 @ 06:45:50

Job Ticket #: 20633 DST #: 1

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

OXY USA INC.
Box 2528
Liberal Ks. 67905

ATTN: Justin

Hertlein B #2
22/34s/33
Job Ticket: 20633 **DST#: 1**
Test Start: 2004.07.12 @ 20:30:05

Tool Information

Drill Pipe:	Length: 5386.00 ft	Diameter: 3.80 inches	Volume: 75.55 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: 635.00 ft	Diameter: 2.25 inches	Volume: 3.12 bbl	Weight to Pull Loose: 125000.0 lb
			<u>Total Volume: 78.67 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 90000.00 lb
Depth to Top Packer:	6034.00 ft			Final 90000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	51.00 ft			
Tool Length:	82.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

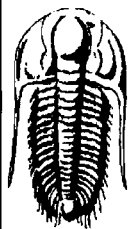
Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	2.00			6005.00	
Shut In Tool	5.00			6010.00	
Sampler	3.00			6013.00	
Hydraulic tool	5.00			6018.00	
Jars	5.00			6023.00	
Safety Joint	2.00			6025.00	
Packer	5.00			6030.00	31.00 Bottom Of Top Packer
Packer	4.00			6034.00	
Stubb	1.00			6035.00	
Perforations	2.00			6037.00	
Recorder	0.00	6769	Inside	6037.00	
Perforations	44.00			6081.00	
Recorder	0.00	6724	Outside	6081.00	
Bullnose	4.00			6085.00	51.00 Bottom Packers & Anchor

Total Tool Length: 82.00



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FLUID SUMMARY

OXY USA INC.
Box 2528
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ATTN: Justin

Hertlein B #2
22/34s/33
Job Ticket: 20633 **DST#: 1**
Test Start: 2004.07.12 @ 20:30:05

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 39.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1100.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	100% mud	0.197

Total Length: 40.00 ft Total Volume: 0.197 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: Sampler Data- 1000 psi, 500 ML mud, no gas, no w ater.

Serial #: 6769

Inside OXY USA INC.

22/34s/33

DST Test Number: 1

Pressure vs. Time

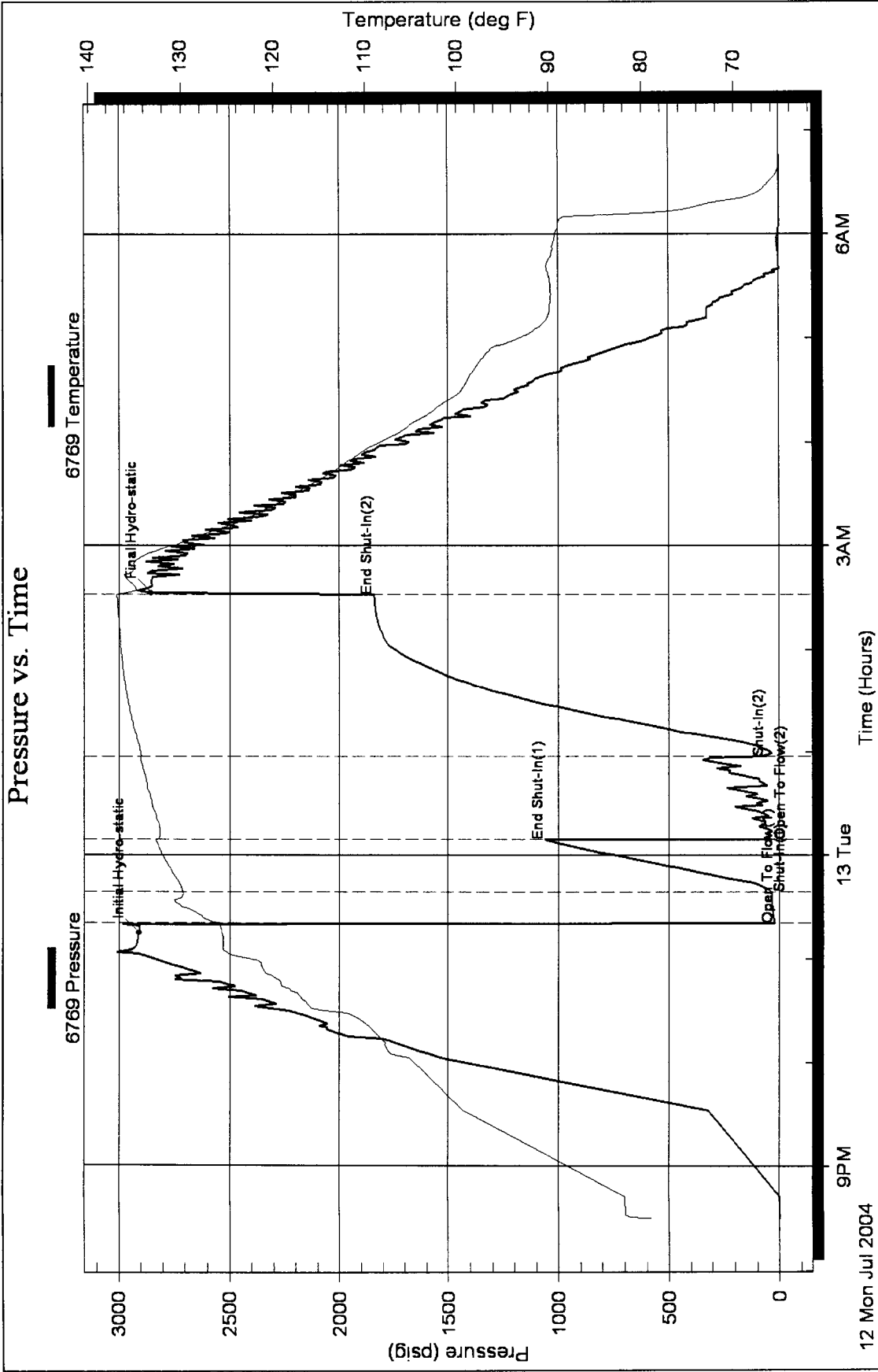


CHART PAGE
This is a photocopy of the actual AK-1 recorder chart.

