

DRILL STEM TEST REPORT

Prepared For: **Berexco Inc**

PO Box 20380
Wichita KS 67208

ATTN: Bruce Reed

3 12 17W Ellis KS

Dreiling D-6

Start Date: 2007.09.26 @ 09:47:33

End Date: 2007.09.26 @ 18:10:27

Job Ticket #: 29172 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Berexco Inc

Drilling D-6

PO Box 20380
Wichita KS 67208

3 12 17W Ellis KS

ATTN: Bruce Reed

Job Ticket: 29172

DST#: 1

Test Start: 2007.09.26 @ 09:47:33

GENERAL INFORMATION:

Formation: **LKC "A-C"**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 12:14:28
 Time Test Ended: 18:10:27

Test Type: Conventional Bottom Hole
 Tester: Brian Fairbank
 Unit No: 41

Interval: **3344.00 ft (KB) To 3420.00 ft (KB) (TVD)**
 Total Depth: 3420.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2137.00 ft (KB)
 2126.00 ft (CF)
 KB to GR/CF: 11.00 ft

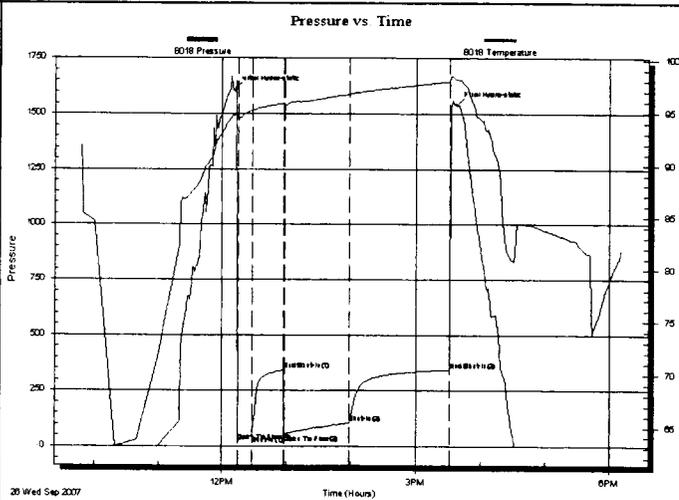
Serial #: 8018

Inside

Press@RunDepth: 102.66 psig @ 3350.01 ft (KB)
 Start Date: 2007.09.26 End Date: 2007.09.26
 Start Time: 09:47:33 End Time: 18:10:27

Capacity: 7000.00 psig
 Last Calib.: 2007.09.26
 Time On Btm: 2007.09.26 @ 12:10:58
 Time Off Btm: 2007.09.26 @ 15:36:57

TEST COMMENT: IFP Weak to fair blow 1/2" - 4"
 ISI No blow back
 FFP BOB 53 min.
 FSI Weak sur blow back died 17 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1607.29	94.75	Initial Hydro-static
4	21.78	94.28	Open To Flow (1)
17	49.92	95.20	Shut-In(1)
47	342.71	95.91	End Shut-In(1)
48	53.85	95.79	Open To Flow (2)
107	102.66	96.75	Shut-In(2)
201	344.57	97.98	End Shut-In(2)
206	1539.78	98.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	G&W HOCM 12%G 25%O 3%W 60%M	0.30
60.00	GOCM 15%G 15%O 70%M	0.30
59.00	VSOCM 4%O 96%M	0.33
1.00	FREE OIL TSTM	0.01

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco Inc
PO Box 20380
Wichita KS 67208

ATTN: Bruce Reed

Dreiling D-6
3 12 17W Ellis KS
Job Ticket: 29172 **DST#: 1**
Test Start: 2007.09.26 @ 09:47:33

Tool Information

Drill Pipe:	Length: 3176.00 ft	Diameter: 3.34 inches	Volume: 34.42 bbl	Tool Weight: 2500.00 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: 172.00 ft	Diameter: 2.25 inches	Volume: 0.85 bbl	Weight to Pull Loose: 35000.00 lb
		Total Volume:	35.27 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 28000.00 lb
Depth to Top Packer:	3344.00 ft			Final 28000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	76.02 ft			
Tool Length:	103.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:
Told on bank 0900 - started off bottom 0850

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3322.00	
Hydraulic tool	5.00			3327.00	
Jars	5.00			3332.00	
Safety Joint	2.00			3334.00	
Packer	5.00			3339.00	27.00 Bottom Of Top Packer
Packer	5.00			3344.00	
Stubb	1.00			3345.00	
Perforations	5.00			3350.00	
Recorder	0.01	8018	Inside	3350.01	
Change Over Sub	1.00			3351.01	
Blank Spacing	60.00			3411.01	
Change Over Sub	1.00			3412.01	
Perforations	5.00			3417.01	
Recorder	0.01	13548	Outside	3417.02	
Bullnose	3.00			3420.02	76.02 Bottom Packers & Anchor

Total Tool Length: 103.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco Inc

Dreiling D-6

PO Box 20380
Wichita KS 67208

3 12 17W Ellis KS

ATTN: Bruce Reed

Job Ticket: 29172

DST#: 1

Test Start: 2007.09.26 @ 09:47:33

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 8.75 in³

Resistivity: ohm.m

Salinity: 3000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	G&W HOCM 12%G 25%O 3%W 60%M	0.295
60.00	GOCM 15%G 15%O 70%M	0.295
59.00	VSOCM 4%O 96%M	0.332
1.00	FREE OIL TSTM	0.011

Total Length: 180.00 ft Total Volume: 0.933 bbl

Num Fluid Samples: 0

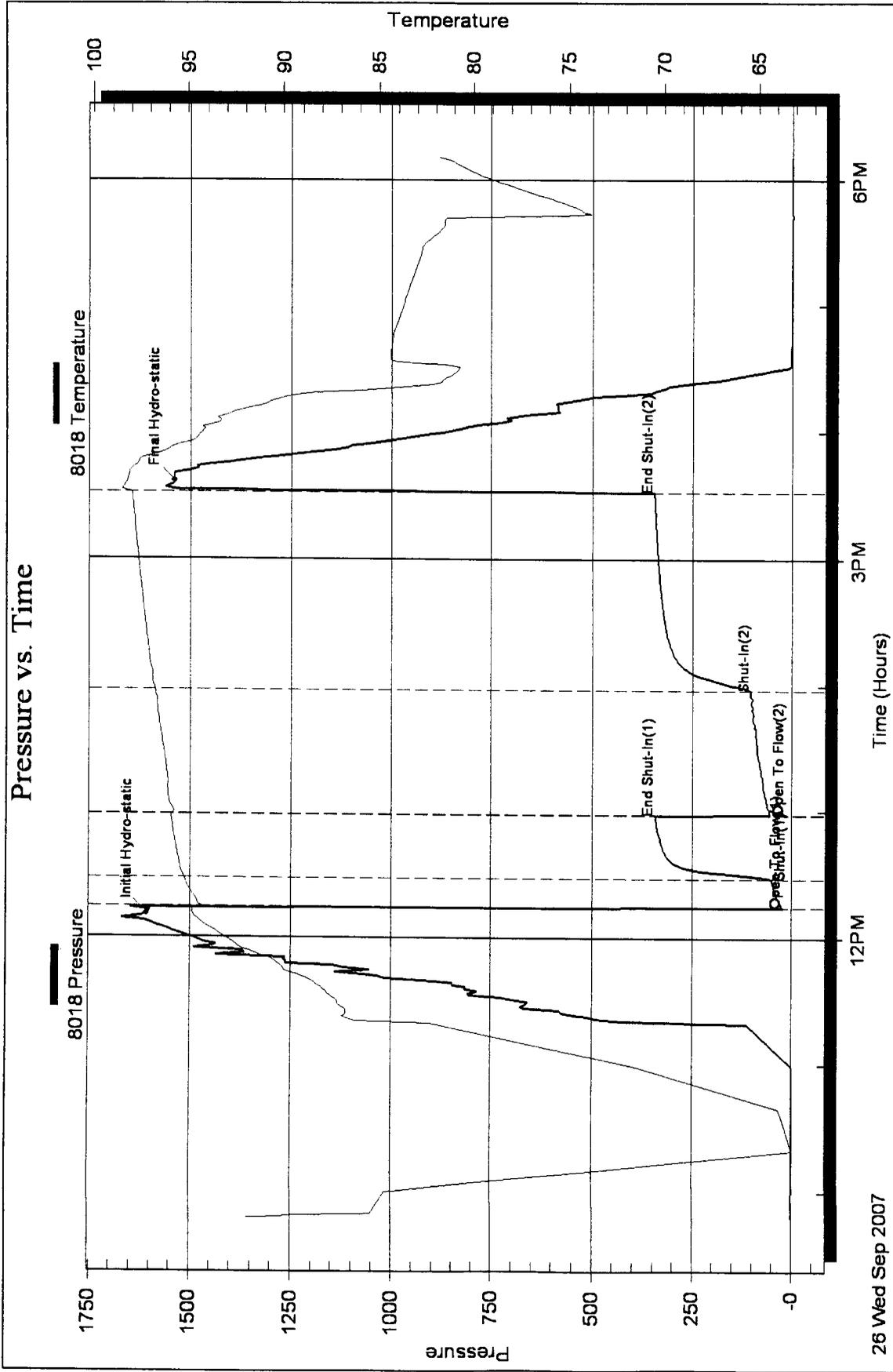
Num Gas Bombs: 0

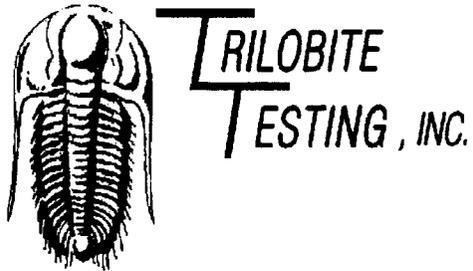
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Berexco Inc**

PO Box 20380
Wichita KS 67208

ATTN: Bruce Reed

3 12 17W Ellis KS

Dreiling D-6

Start Date: 2007.09.27 @ 03:59:42

End Date: 2007.09.27 @ 11:12:12

Job Ticket #: 30059 DST #: 2

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Berexco Inc

Dreiling D-6

PO Box 20380
Wichita KS 67208

3 12 17W Ellis KS

ATTN: Bruce Reed

Job Ticket: 30059

DST#: 2

Test Start: 2007.09.27 @ 03:59:42

GENERAL INFORMATION:

Formation: **lkc**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 05:52:12
 Time Test Ended: 11:12:12

Test Type: Conventional Bottom Hole
 Tester: Kyle Kinderknecht
 Unit No: 41

Interval: **3425.00 ft (KB) To 3456.00 ft (KB) (TVD)**
 Total Depth: **3456.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2137.00 ft (KB)**
2126.00 ft (CF)
 KB to GR/CF: **11.00 ft**

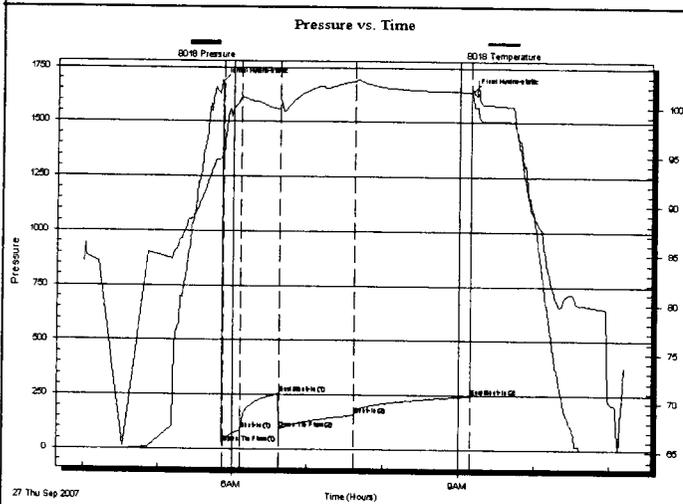
Serial #: 8018

Inside

Press@RunDepth: **158.19 psig @ 3426.00 ft (KB)**
 Start Date: **2007.09.27** End Date: **2007.09.27**
 Start Time: **03:59:47** End Time: **11:12:11**

Capacity: **7000.00 psig**
 Last Calib.: **2007.09.27**
 Time On Btm: **2007.09.27 @ 05:51:12**
 Time Off Btm: **2007.09.27 @ 09:10:42**

TEST COMMENT: IF Strong blow built to 9 "
 ISI No blow
 FF BOB 25 min
 FSI No blow



PRESSURE SUMMARY

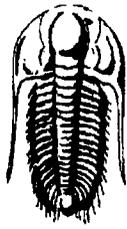
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1683.64	94.84	Initial Hydro-static
1	28.90	94.43	Open To Flow (1)
16	87.15	100.93	Shut-In(1)
46	254.96	99.71	End Shut-In(1)
47	91.92	99.82	Open To Flow (2)
106	158.19	102.60	Shut-In(2)
198	246.83	101.55	End Shut-In(2)
200	1644.25	100.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
230.00	MCW 90%W 10%M	1.82

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco Inc
PO Box 20380
Wichita KS 67208

ATTN: Bruce Reed

Dreiling D-6
3 12 17W Ellis KS
Job Ticket: 30059 **DST#: 2**
Test Start: 2007.09.27 @ 03:59:42

Tool Information

Drill Pipe:	Length: 3300.00 ft	Diameter: 3.34 inches	Volume: 35.76 bbl	Tool Weight: 2500.00 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: 113.00 ft	Diameter: 2.25 inches	Volume: 0.56 bbl	Weight to Pull Loose: 42000.00 lb
		Total Volume:	36.32 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 25000.00 lb
Depth to Top Packer:	3425.00 ft			Final 28000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 ft			
Tool Length:	58.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3403.00	
Hydraulic tool	5.00			3408.00	
Jars	5.00			3413.00	
Safety Joint	2.00			3415.00	
Packer	5.00			3420.00	27.00 Bottom Of Top Packer
Packer	5.00			3425.00	
Stubb	1.00			3426.00	
Recorder	0.00	8018	Inside	3426.00	
Perforations	27.00			3453.00	
Recorder	0.00	13548	Outside	3453.00	
Bullnose	3.00			3456.00	31.00 Bottom Packers & Anchor

Total Tool Length: 58.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco Inc

Dreilling D-6

PO Box 20380
Wichita KS 67208

3 12 17W Ellis KS

Job Ticket: 30059

DST#: 2

ATTN: Bruce Reed

Test Start: 2007.09.27 @ 03:59:42

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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.75 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
230.00	MCW 90%W 10%M	1.824

Total Length: 230.00 ft Total Volume: 1.824 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

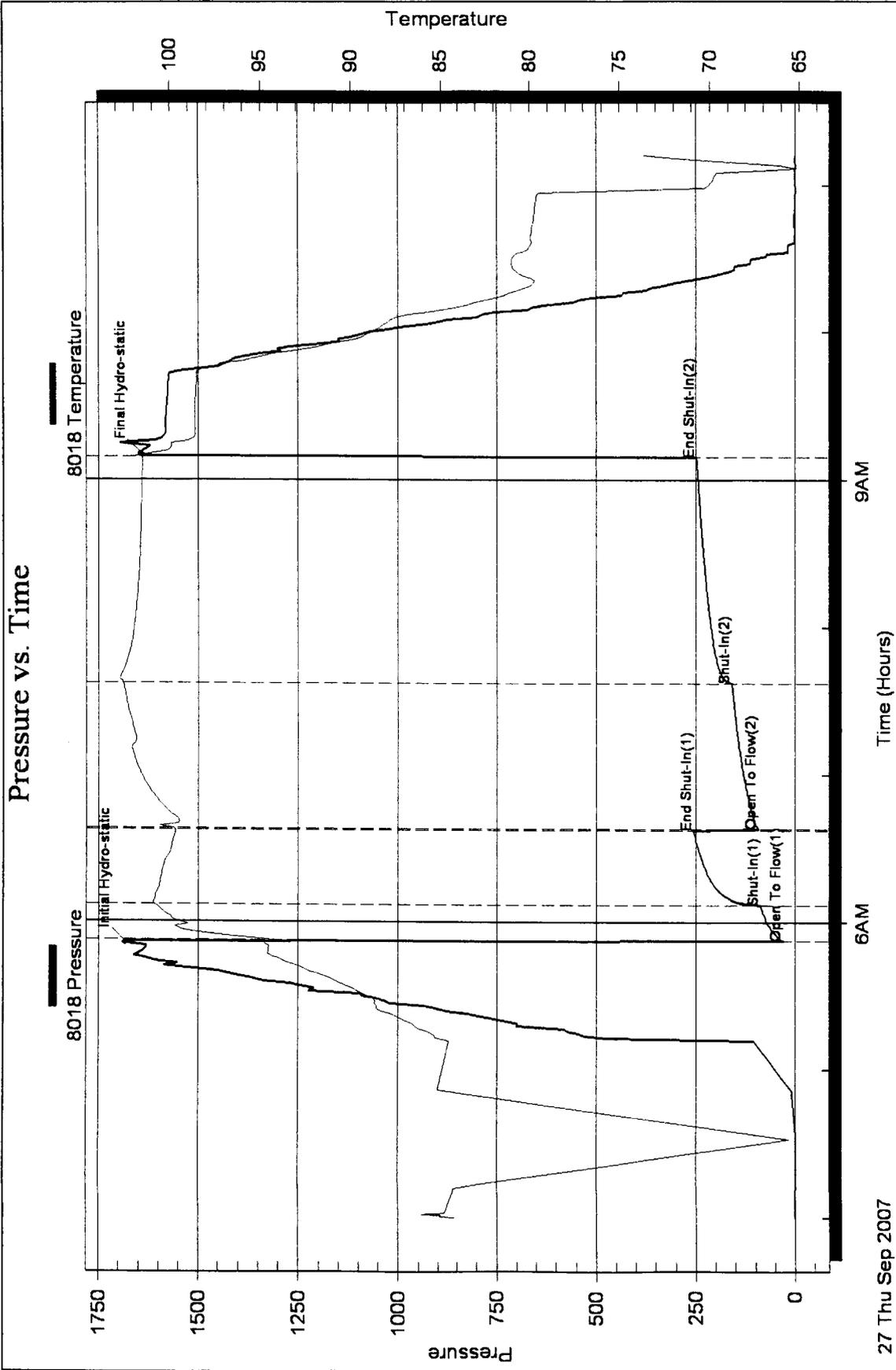
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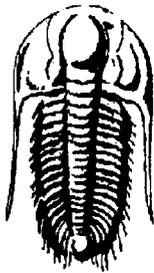
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Berexco Inc**

PO Box 20380
Wichita KS 67208

ATTN: Bruce Reed

3 12 17W Ellis KS

Dreiling D-6

Start Date: 2007.09.28 @ 12:23:25

End Date: 2007.09.28 @ 20:03:25

Job Ticket #: 30060 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Berexco Inc

Dreiling D-6

3 12 17W Ellis KS

DST # 3

Arb

2007.09.28



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Berexco Inc

PO Box 20380
Wichita KS 67208

ATTN: Bruce Reed

Dreiling D-6

3 12 17W Ellis KS

Job Ticket: 30060

DST#: 3

Test Start: 2007.09.28 @ 12:23:25

GENERAL INFORMATION:

Formation: **Arb**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 14:27:55
 Time Test Ended: 20:03:25

Test Type: Conventional Bottom Hole
 Tester: Kyle Kinderknecht
 Unit No: 41

Interval: **3668.00 ft (KB) To 3680.00 ft (KB) (TVD)**
 Total Depth: 3680.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2137.00 ft (KB)
 2126.00 ft (CF)
 KB to GR/CF: 11.00 ft

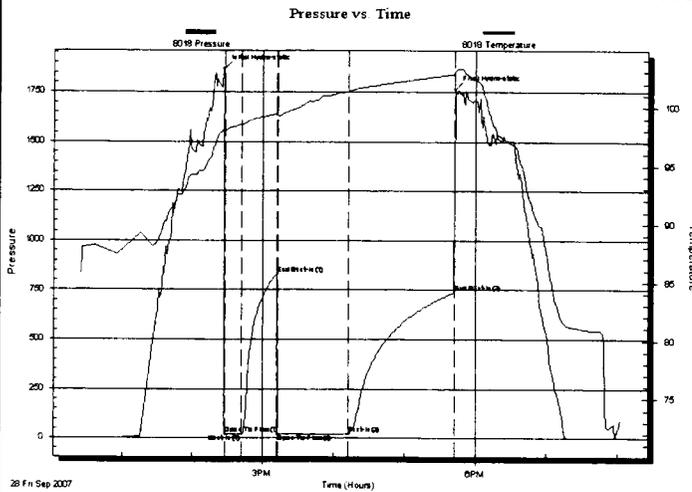
Serial #: 8018

Inside

Press@RunDepth: 21.52 psig @ 3670.00 ft (KB)
 Start Date: 2007.09.28 End Date: 2007.09.28
 Start Time: 12:23:30 End Time: 20:03:24

Capacity: 7000.00 psig
 Last Calib.: 2007.09.28
 Time On Btm: 2007.09.28 @ 14:27:25
 Time Off Btm: 2007.09.28 @ 17:42:55

TEST COMMENT: IF Weak surface died 7 min
 ISI No blow
 FF No blow
 FSI No blow



PRESSURE SUMMARY

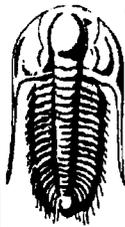
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1869.01	98.14	Initial Hydro-static
1	20.07	97.71	Open To Flow (1)
15	18.76	98.54	Shut-In(1)
45	829.36	99.45	End Shut-In(1)
46	19.76	99.22	Open To Flow (2)
105	21.52	101.33	Shut-In(2)
195	736.91	102.82	End Shut-In(2)
196	1764.26	103.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M	0.02

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco Inc

Dreiling D-6

PO Box 20380
Wichita KS 67208

3 12 17W Ellis KS

ATTN: Bruce Reed

Job Ticket: 30060

DST#: 3

Test Start: 2007.09.28 @ 12:23:25

Tool Information

Drill Pipe:	Length: 3484.00 ft	Diameter: 3.34 inches	Volume: 37.76 bbl	Tool Weight: 2500.00 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: 172.00 ft	Diameter: 2.25 inches	Volume: 0.85 bbl	Weight to Pull Loose: 32000.00 lb
		<u>Total Volume:</u>	<u>38.61 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 30000.00 lb
Depth to Top Packer:	3668.00 ft			Final 30000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	39.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3646.00	
Hydraulic tool	5.00			3651.00	
Jars	5.00			3656.00	
Safety Joint	2.00			3658.00	
Packer	5.00			3663.00	27.00 Bottom Of Top Packer
Packer	5.00			3668.00	
Stubb	1.00			3669.00	
Perforations	1.00			3670.00	
Recorder	0.00	8018	Inside	3670.00	
Perforations	7.00			3677.00	
Recorder	0.00	13548	Outside	3677.00	
Bullnose	3.00			3680.00	12.00 Bottom Packers & Anchor

Total Tool Length: 39.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco Inc

Dreiling D-6

PO Box 20380
Wichita KS 67208

3 12 17W Ellis KS

Job Ticket: 30060

DST#: 3

ATTN: Bruce Reed

Test Start: 2007.09.28 @ 12:23:25

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 8.99 in³

Resistivity: ohm.m

Salinity: 7000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

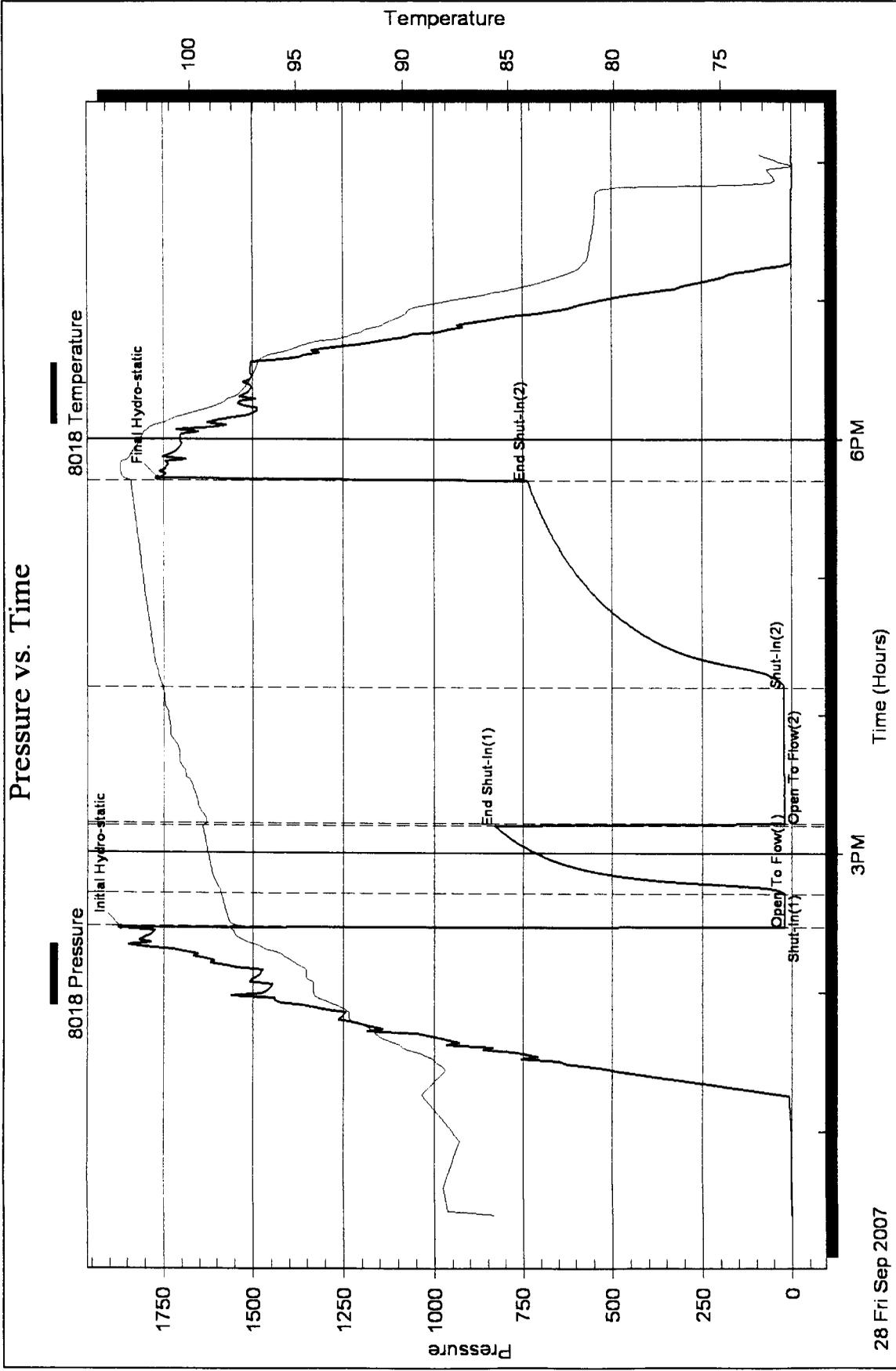
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



28 Fri Sep 2007

CHART PAGE

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

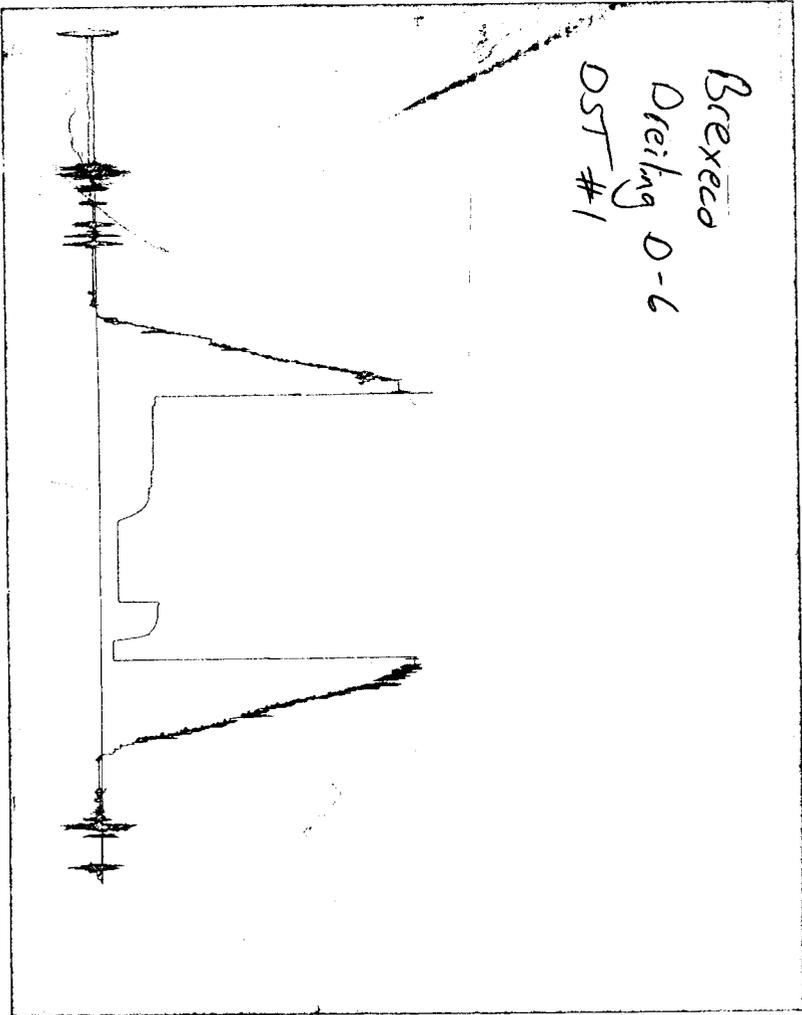


CHART PAGE

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

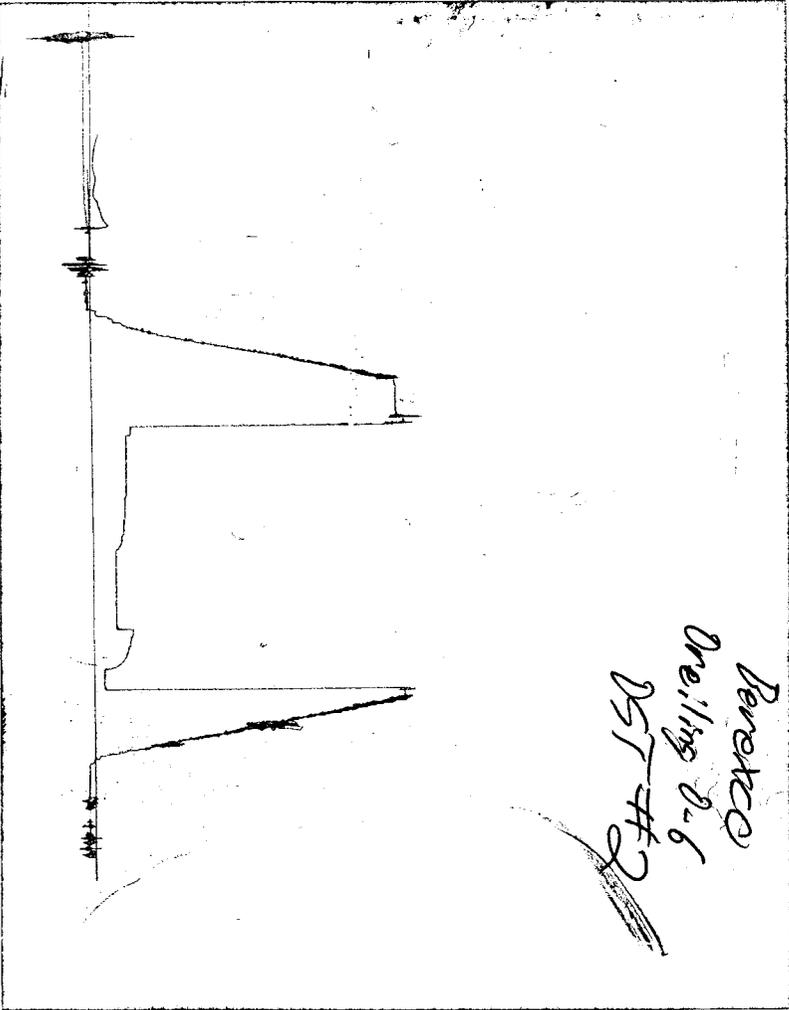


CHART PAGE

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

*Perenco
Drilling B
DST #3*

