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MAY 09 2001

CONFIDENTIAL

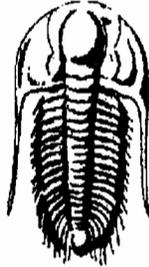
ORIGINAL

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MAY 09 2002

FROM CONFIDENTIAL



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Imperial American, Oil corp.**

10004 West, 20th St. North
Wichita, KS 67212

ATTN:

33-11s-19w Ellis KS

Irene Unit#33-1

Start Date: 2001.04.30 @ 18:16:00

End Date: 2001.04.30 @ 01:32:00

Job Ticket #: 14040

DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Imperial American, Oil corp.

Irene Unit#33-1

33-11s-19w Ellis KS

DST # 3

Arbuckle

2001.04.30



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Imperial American, Oil corp.

Irene Unit#33-1

10004 West, 20th St. North
Wichita, KS 67212

33-11s-19w Ellis KS

Job Ticket: 14040

DST#: 3

ATTN:

Test Start: 2001.04.30 @ 18:16:00

GENERAL INFORMATION

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:55:50

Time Test Ended: 01:32:00

Test Type: Conventional Bottom Hole

Tester: Darren L. Amerine

Unit No: 19

Interval: **3629.00 ft (KB) To 3664.00 ft (KB) (TVD)**

Reference Elevations: 2122.00 ft (KB)

Total Depth: 3664.00 ft (KB) (TVD)

2117.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: **3302**

Inside

Press@RunDepth: 44.79 psig @ 3625.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2001.04.30

End Date:

2001.05.01

Last Calib.: 2001.05.01

Start Time: 17:16:22

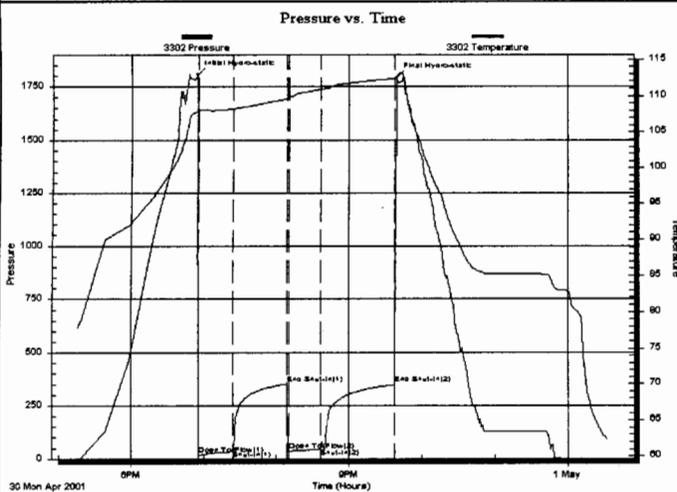
End Time:

00:32:50

Time On Btm: 2001.04.30 @ 18:54:50

Time Off Btm: 2001.04.30 @ 21:38:50

TEST COMMENT: IF: Weak blow built to 1" in H₂O bucket.
IS: Bled down for 5 mins no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1804.92	107.77	Initial Hydro-static
1	16.97	108.02	Open To Flow (1)
30	33.51	108.26	Shut-In(1)
74	350.46	109.60	End Shut-In(1)
76	34.99	109.88	Open To Flow (2)
102	44.79	110.86	Shut-In(2)
163	346.92	112.37	End Shut-In(2)
164	1789.20	112.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	VSOCM 4% o 96% m	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Imperial American, Oil corp.

Irene Unit#33-1

10004 West, 20th St. North
Wichita, KS 67212

33-11s-19w Ellis KS

Job Ticket: 14040

DST#: 3

ATTN:

Test Start: 2001.04.30 @ 18:16:00

Tool Information

Drill Pipe:	Length: 3156.13 ft	Diameter: 3.80 inches	Volume: 44.27 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 479.87 ft	Diameter: 2.25 inches	Volume: 2.36 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 46.63 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial	58000.00 lb
Depth to Top Packer:	3624.00 ft			Final	58000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	35.00 ft				
Tool Length:	56.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3604.00	
S.I. Tool	5.00			3609.00	
HMV	5.00			3614.00	
Packer	5.00			3619.00	21.00 Bottom Of Top Packer
Packer	5.00			3624.00	
Stubb	1.00			3625.00	
Recorder	0.00	3302	Inside	3625.00	
Anchor	31.00			3656.00	
Recorder	0.00	10991	Outside	3656.00	
Bullnose	3.00			3659.00	35.00 Bottom Packers & Anchor
Total Tool Length:	56.00				

 <p style="font-size: 2em; margin: 0;">TRILOBITE</p> <p style="font-size: 2em; margin: 0;">TESTING, INC.</p>	DRILL STEM TEST REPORT		FLUID SUMMARY
	Imperial American, Oil corp. 10004 West, 20th St. North Wichita, KS 67212 ATTN:	Irene Unit#33-1 33-11s-19w Ellis KS Job Ticket: 14040 DST#: 3 Test Start: 2001.04.30 @ 18:16:00	

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: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.75 in ³	Gas Cushion Type:		
Resistivity: 1.15 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: 0.32 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	VSOCM 4%o 96%m	0.305

Total Length: 62.00 ft Total Volume: 0.305 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

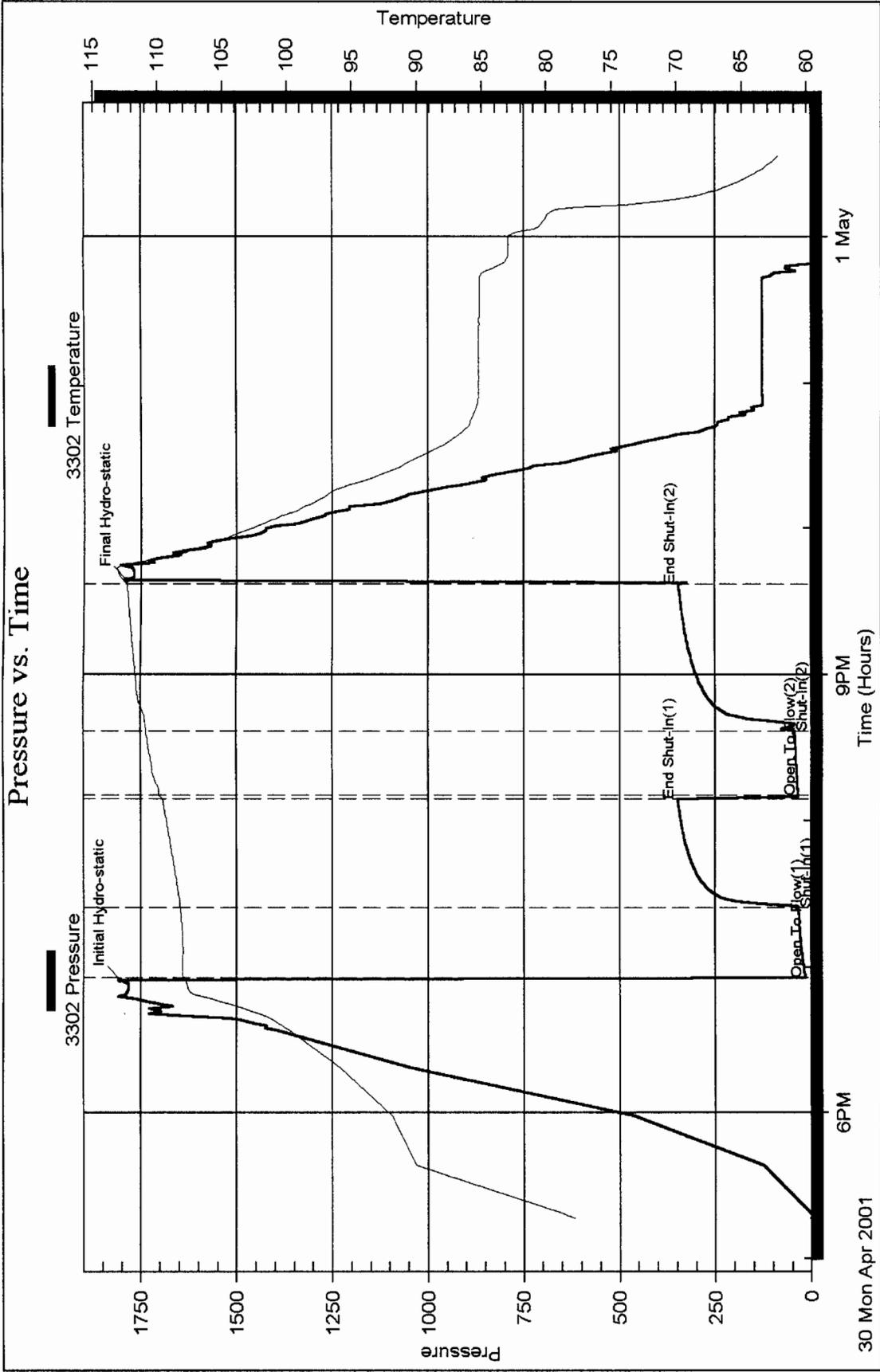
Serial #: 3302

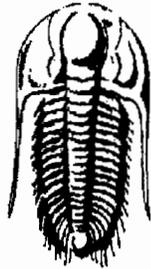
Imperial American, Oil corp.

Inside

33-11s-19w Ellis KS

DST Test Number: 3





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Imperial American, Oil corp.**

10004 West, 20th St. North
Wichita, KS 67212

ATTN:

33-11s-19w Ellis KS

Irene Unit#33-1

Start Date: 2001.05.01 @ 15:01:10

End Date: 2001.05.01 @ 20:33:08

Job Ticket #: 14041

DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Imperial American, Oil corp.

Irene Unit#33-1

10004 West, 20th St. North
Wichita, KS 67212

33-11s-19w Ellis KS

Job Ticket: 14041

DST#: 4

ATTN:

Test Start: 2001.05.01 @ 15:01:10

GENERAL INFORMATION:

Formation: **KC**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: 16:46:08
Time Test Ended: 20:33:08

Test Type: **Conventional Straddle**
Tester: **Darren L. Amerine**
Unit No: **19**

Interval: **3527.00 ft (KB) To 3546.00 ft (KB) (TVD)**
Total Depth: **3708.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2122.00 ft (KB)**
2117.00 ft (CF)
KB to GR/CF: **5.00 ft**

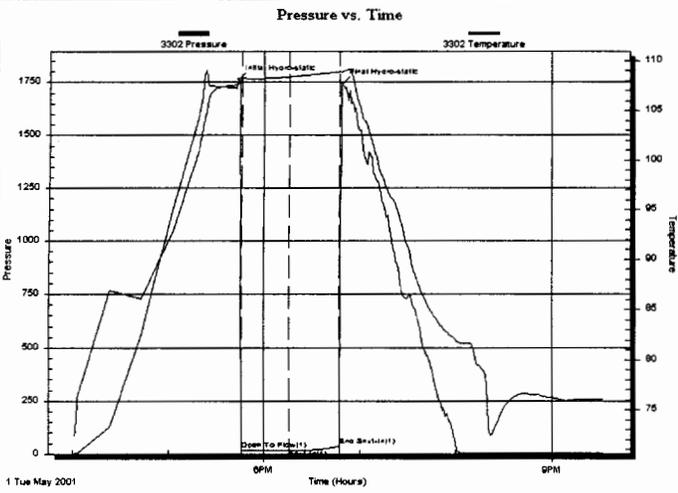
Serial #: 3302

Inside

Press@RunDepth: **18.13 psig @ 3528.00 ft (KB)**
Start Date: **2001.05.01** End Date: **2001.05.01**
Start Time: **16:01:10** End Time: **21:33:08**

Capacity: **7000.00 psig**
Last Calib.: **2001.05.02**
Time On Btm: **2001.05.01 @ 17:43:38**
Time Off Btm: **2001.05.01 @ 18:49:08**

TEST COMMENT: IF: Tool surged and died dead blow.
IS: No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1762.58	107.73	Initial Hydro-static
3	18.27	108.27	Open To Flow (1)
32	18.13	108.39	Shut-in(1)
64	35.73	108.92	End Shut-in(1)
66	1743.60	108.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	drilling mud	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Imperial American, Oil corp.

Irene Unit#33-1

10004 West, 20th St. North
Wichita, KS 67212

33-11s-19w Ellis KS

Job Ticket: 14041

DST#: 4

ATTN:

Test Start: 2001.05.01 @ 15:01:10

Tool Information

Drill Pipe:	Length: 3017.13 ft	Diameter: 3.80 inches	Volume: 42.32 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 497.87 ft	Diameter: 2.25 inches	Volume: 2.45 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 44.77 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3527.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	3546.00 ft			
Interval between Packers:	19.00 ft			
Tool Length:	212.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3507.00	
S.I. Tool	5.00			3512.00	
HMV	5.00			3517.00	
Packer	5.00			3522.00	21.00 Bottom Of Top Packer
Packer	5.00			3527.00	
Stubb	1.00			3528.00	
Recorder	0.00	3302	Inside	3528.00	
Anchor	14.00			3542.00	
Recorder	0.00	13769	Outside	3542.00	
Anchor	4.00			3546.00	19.00 Tool Interval
Packer	5.00			3551.00	
C.O. Sub	1.00			3552.00	
Blank Spacing	159.00			3711.00	
C.O. Sub	1.00			3712.00	
Recorder	0.00	10991	Below	3712.00	
Bullnose	6.00			3718.00	172.00 Bottom Packers & Anchor
Total Tool Length:	212.00				

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 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT		FLUID SUMMARY
	Imperial American, Oil corp. 10004 West, 20th St. North Wichita, KS 67212 ATTN:	Irene Unit#33-1 33-11s-19w Ellis KS Job Ticket: 14041 DST#: 4 Test Start: 2001.05.01 @ 15:01:10	

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: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: 1.15 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: 0.32 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	drilling mud	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

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

Laboratory Name: Laboratory Location:

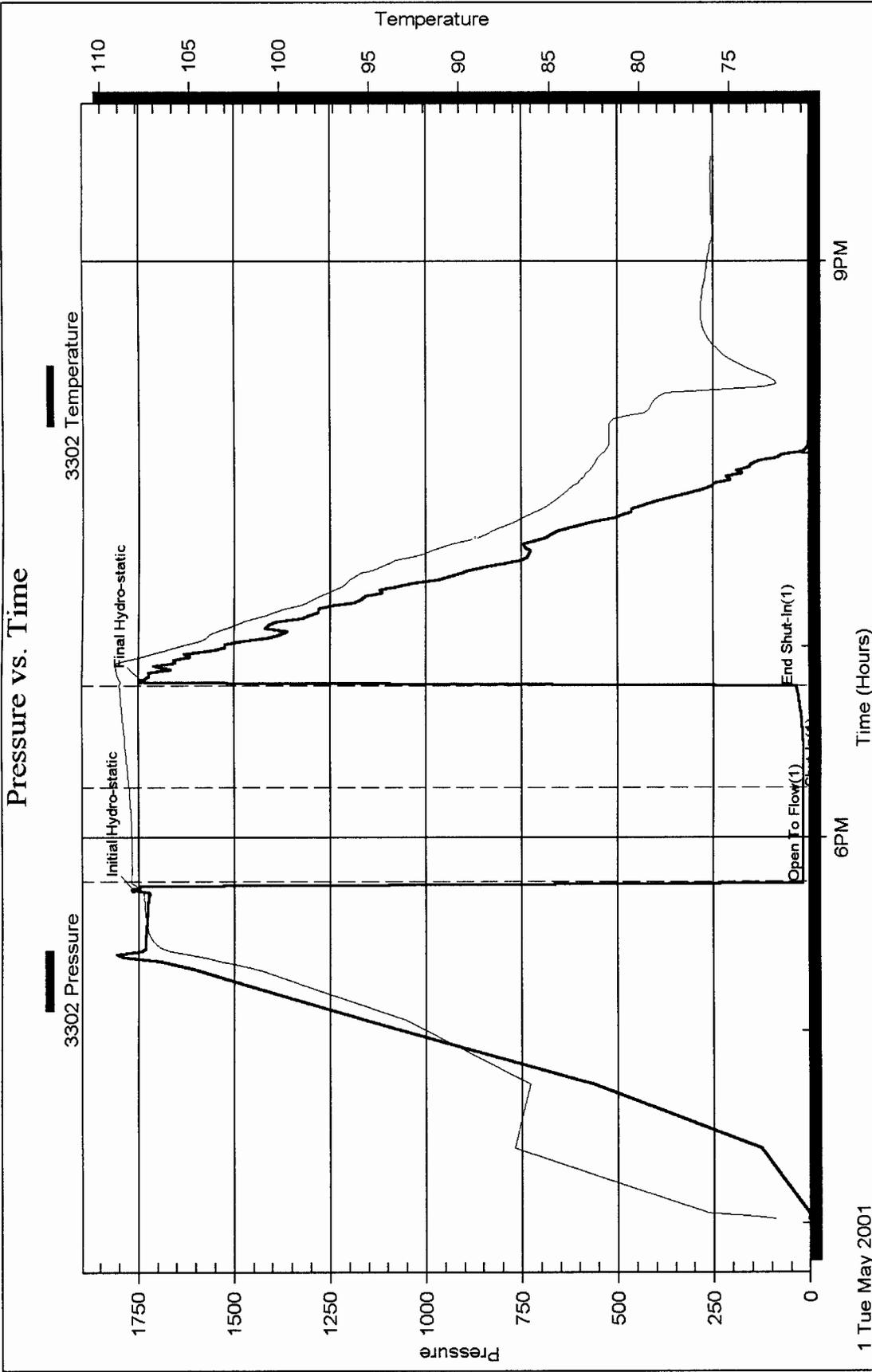
Recovery Comments:

Serial #: 3302

Inside Imperial American, Oil corp.

33-11s-19w Ellis KS

DST Test Number: 4



1 Tue May 2001