

FEB 28 2001
CONFIDENTIAL



DRILL STEM TEST REPORT

Prepared For: **Imperial American Oi**

1000 W 20 St. North Wichita, KS 67212

15-051-25,074

ATTN: Randy Kilian

2-11s-16w Ellis KS

Angelica #2-1

Start Date: 2001.01.20 @ 01:30:00

End Date: 2001.01.20 @ 09:30:00

Job Ticket #: 13972

DST #: 1

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KANSAS CORPORATION COMMISSION
MAR 2 2001
CONSERVATION DIVISION

RELEASED

MAR 19 2002

FROM CONFIDENTIAL

Trilobite Testing Inc.

Box 362 Hays KS 67601

785.625.4778 trilobite@eaglecom.net

Imperial American Oi

Angelica #2-1

2-11s-16w Ellis KS

DST #: 1

Topeka

2001.01.20



DRILL STEM TEST REPORT

Imperial American Oil

Angelica #2-1

1000 W 20 St. North Wichita, KS 67212

2-11s-16w Ellis KS

Job Ticket: 13972

DST#: 1

ATTN: Randy Killan

Test Start: 2001.01.20 @ 01:30:00

GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:36:00

Time Test Ended: 09:30:00

Test Type: Conventional Bottom Hole

Tester: John Schmidt

Unit No: 18

Interval: 3012.00 ft (KB) To 3030.00 ft (KB) (TVD)

Total Depth: 3030.00 ft (KB)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2069.00 ft (KB)

2064.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 3227 Inside

Press@RunDepth: psig @ 3014.01 ft (KB)

Start Date: 2001.01.20

End Date: 2001.01.20

Start Time: 02:19:06

End Time: 09:07:30

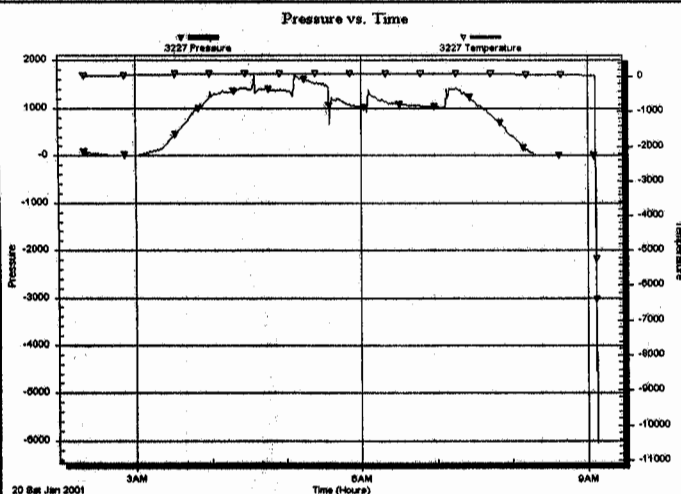
Capacity: 7000.00 psig

Last Calib.: 2001.01.20

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-Weak Dead In 20 Min.
FF-Weak Dead In 10 Min.



PRESSURE SUMMARY

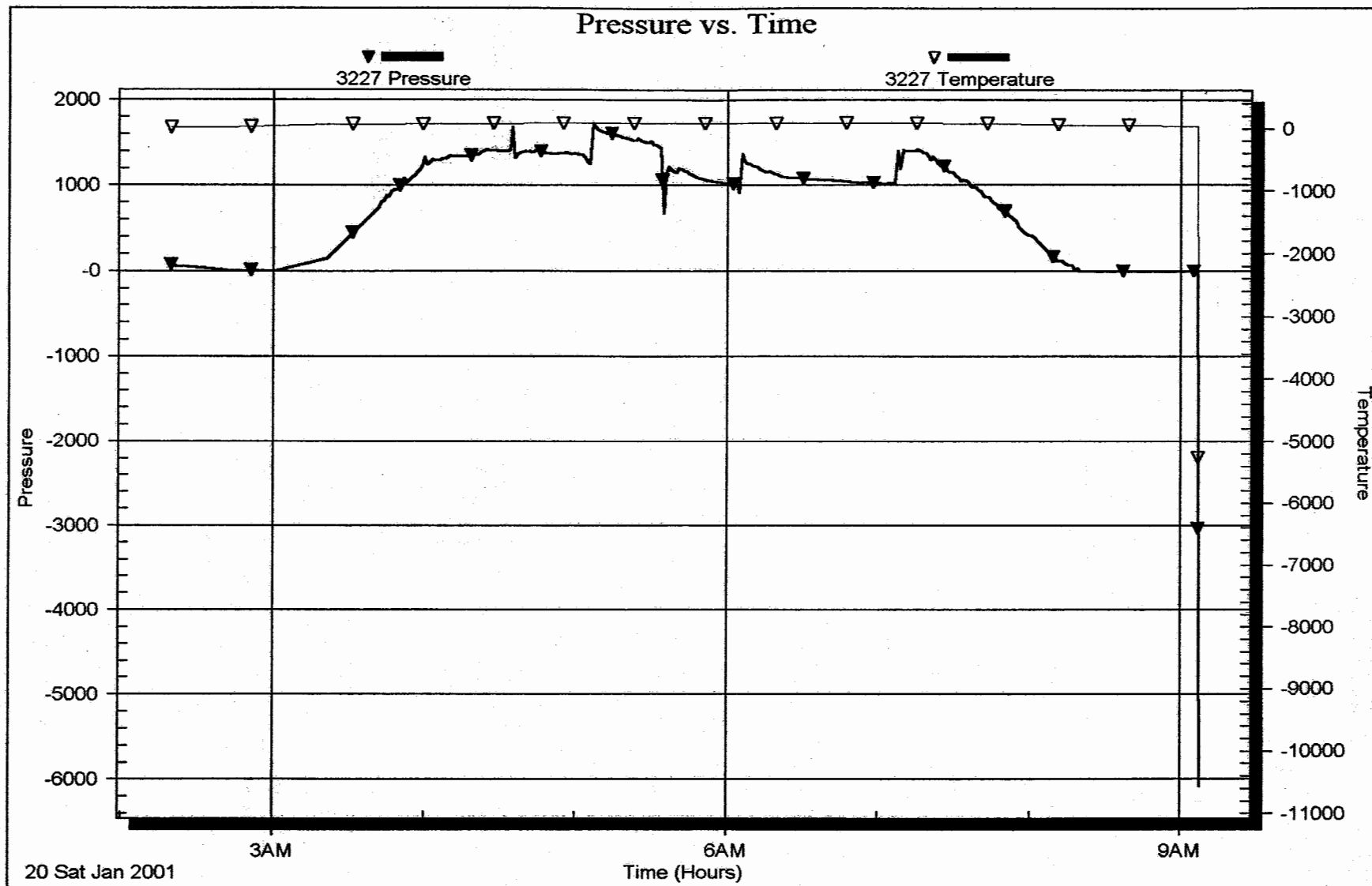
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
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Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.05

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

Prepared For: **Imperial American Oi**

1000 W 20 St. North Wichita, KS 67212

ATTN: Randy Kilian

2-11s-16w Ellis KS

Angelica #2-1

Start Date: 2001.01.20 @ 14:39:59

End Date: 2001.01.20 @ 20:27:23

Job Ticket #: 13973

DST #: 2

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DRILL STEM TEST REPORT

Imperial American Oil

Angelica #2-1

1000 W 20 St. North Wichita, KS 67212

2-11s-16w Ellis KS

Job Ticket: 13973

DST#: 2

ATTN: Randy Kilian

Test Start: 2001.01.20 @ 14:39:59

GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:05:00

Time Test Ended: 20:27:23

Test Type: Conventional Bottom Hole

Tester: John Schmidt

Unit No: 18

Interval: 3008.00 ft (KB) To 3030.00 ft (KB) (TVD)

Total Depth: 3030.00 ft (KB)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2069.00 ft (KB)

2064.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 3227 Inside

Press@RunDepth: 33.37 psig @ 3010.01 ft (KB)

Start Date: 2001.01.20

End Date: 2001.01.20

Start Time: 14:39:59

End Time: 20:27:23

Capacity: 7000.00 psig

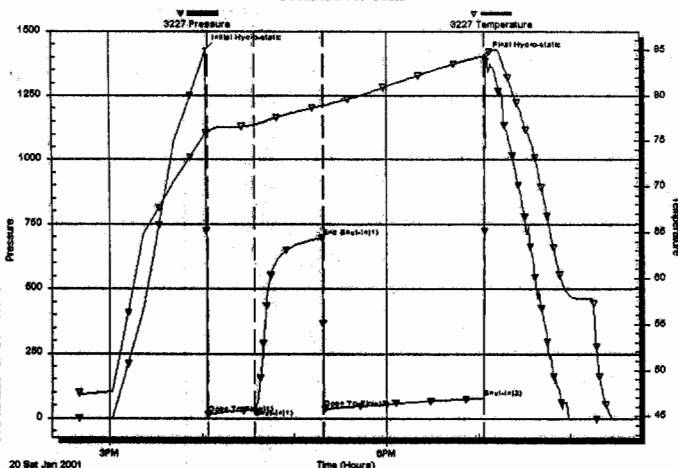
Last Calib.: 2001.01.19

Time On Btm: 2001.01.20 @ 16:02:24

Time Off Btm: 2001.01.20 @ 19:04:54

TEST COMMENT: IF: Weak 1"
FF: Weak 1/2"

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
83	1428.93	75.85	Initial Hydro-static
84	14.77	75.97	Open To Flow (1)
114	33.37	76.78	Shut-In(1)
159	696.99	78.84	End Shut-In(1)
160	35.85	78.83	Open To Flow (2)
264	78.85	84.34	Shut-In(2)
265	1400.85	84.57	Final Hydro-static

RELEASED

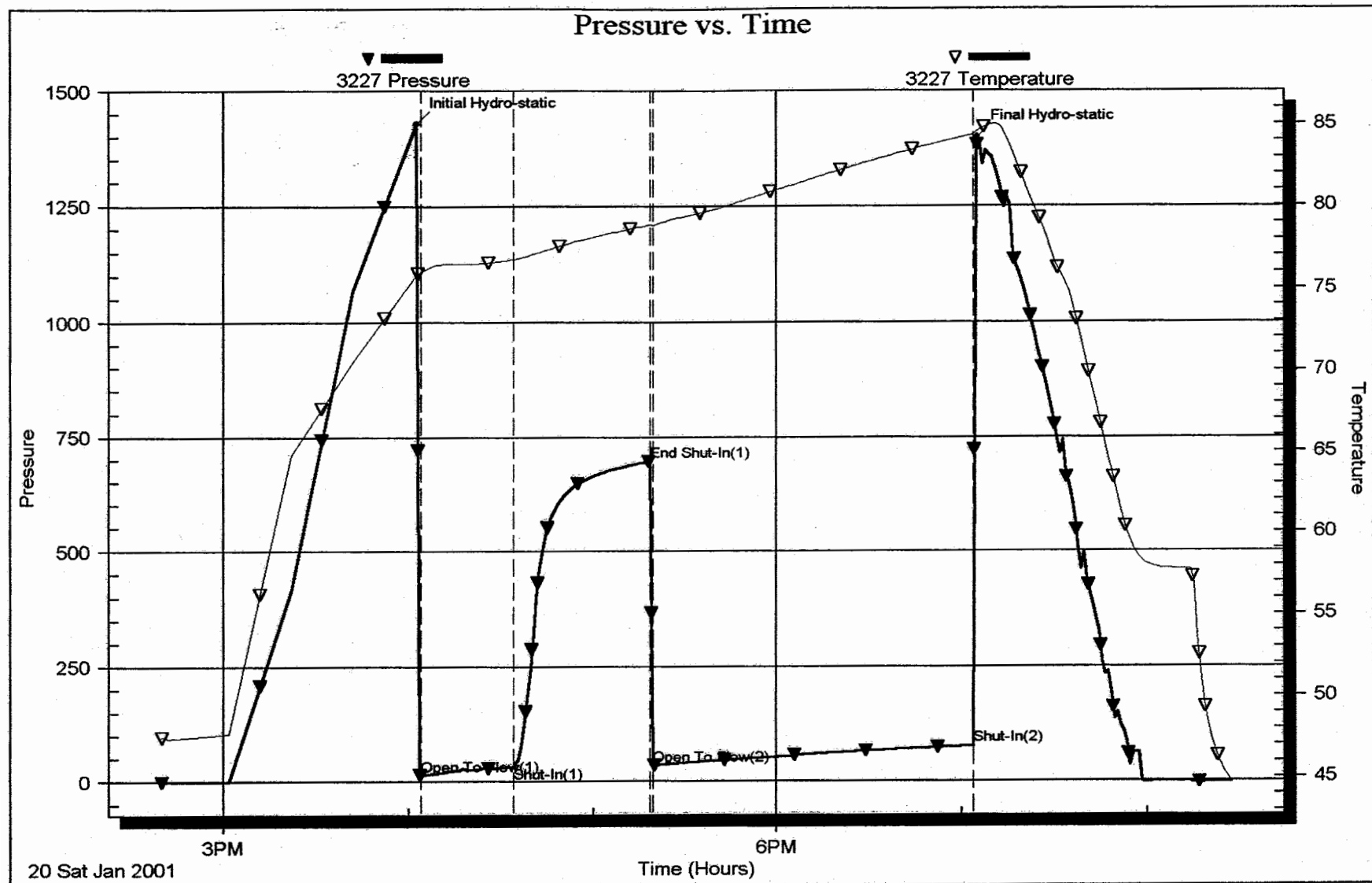
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Recovery

Length (ft)	Description	Volume (bbl)
130.00	Muddy Water	0.64

Gas Rates FROM CONFIDENTIAL

Choke(Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

Prepared For: **Imperial American Oil**

1000 W 20 St. North
Wichita, KS 67212

ATTN: Randy Kilian

2-11s-16w Ellis KS

Angelica #2-1

Start Date: 2001.01.21 @ 08:54:50

End Date: 2001.01.21 @ 15:17:14

Job Ticket #: 13974

DST #: 3

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FROM CONFIDENTIAL

Trilobite Testing Inc.

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785.625.4778 trilobite@eaglecom.net



DRILL STEM TEST REPORT

Imperial American Oil

Angelica #2-1

1000 W 20 St. North
Wichita, KS 67212

2-11s-16w Ellis KS

Job Ticket: 13974

DST#: 3

ATTN: Randy Killian

Test Start: 2001.01.21 @ 08:54:50

GENERAL INFORMATION:

Formation: **Plattsmouth**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:00:00

Time Test Ended: 15:17:14

Test Type: Conventional Bottom Hole

Tester: John Schmidt

Unit No: 18

Interval: 3184.00 ft (KB) To 3200.00 ft (KB) (TVD)

Total Depth: 3200.00 ft (KB)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2069.00 ft (KB)

2064.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 3227 Inside

Press@RunDepth: 23.74 psig @ 3187.01 ft (KB)

Start Date: 2001.01.21

End Date: 2001.01.21

Start Time: 08:54:50

End Time: 15:17:14

Capacity: 7000.00 psig

Last Calib.: 2001.01.21

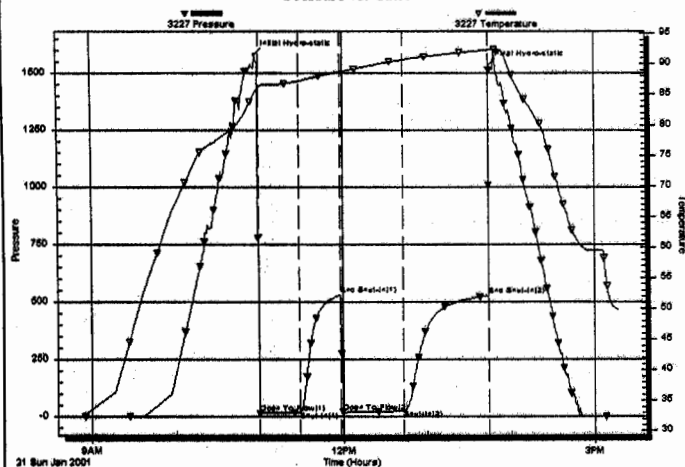
Time On Btm: 2001.01.21 @ 10:57:15

Time Off Btm: 2001.01.21 @ 13:44:45

TEST COMMENT: IF: Weak dead in 10 min

FF: No blow.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
123	1579.83	85.30	Initial Hydro-static
125	12.64	86.13	Open To Flow (1)
154	18.21	87.18	Shut-In (1)
184	529.81	88.72	End Shut-In (1)
185	18.67	88.75	Open To Flow (2)
229	23.74	90.65	Shut-In (2)
289	526.36	92.29	End Shut-In (2)
290	1535.87	92.41	Final Hydro-static

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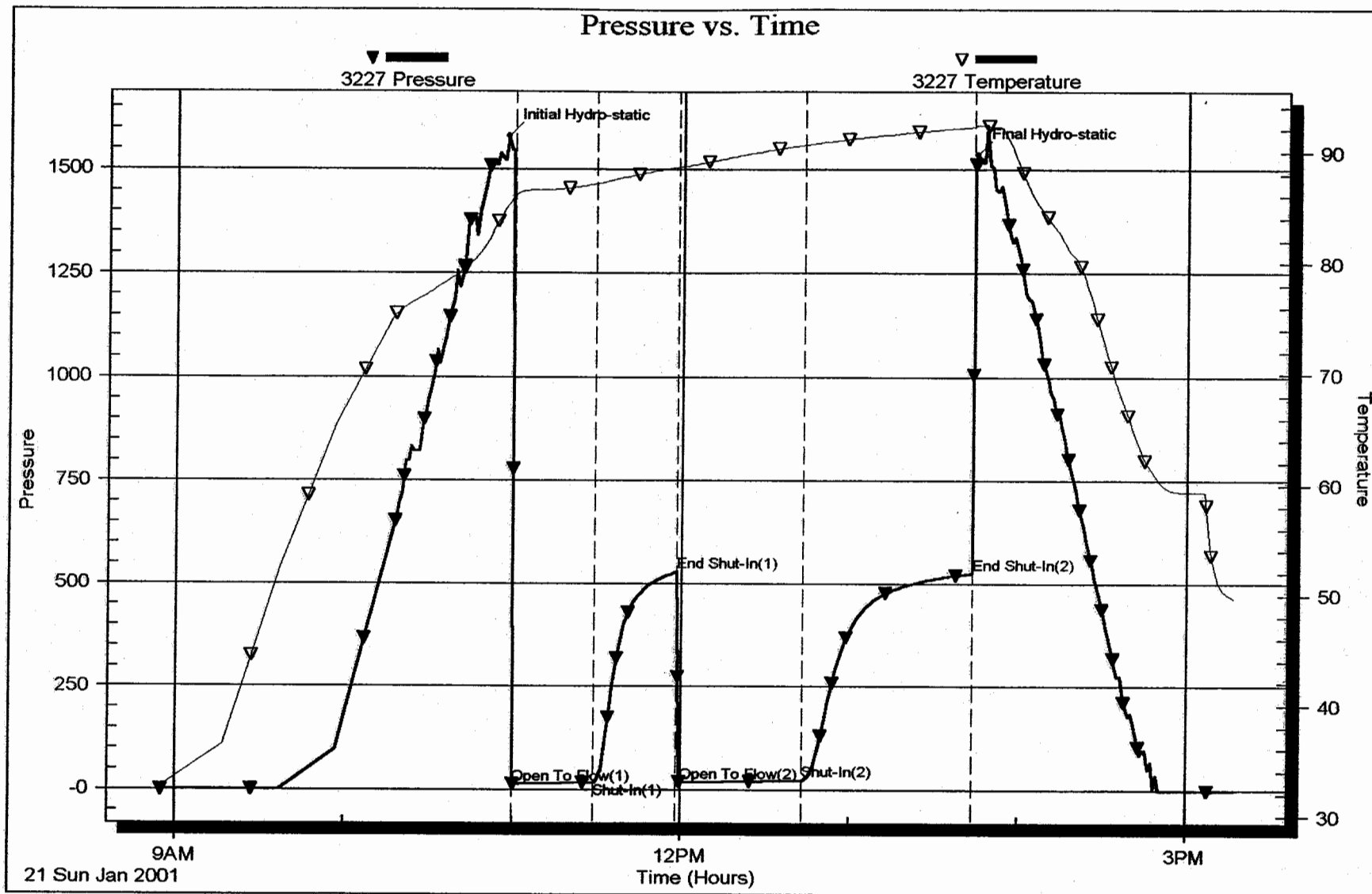
FROM CONFIDENTIAL

Recovery

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

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

Prepared For: **Imperial American Oi**

1000 W 20 St. North
Wichita, KS 67212

ATTN: Randy Kilian

2-11s-16w Ellis KS

Angelica #2-1

Start Date: 2001.01.22 @ 05:40:00

End Date: 2001.01.22 @ 12:40:00

Job Ticket #: 13975 DST #: 4

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FROM CONFIDENTIAL

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