



DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

PO Box 2410
Edmond, OK 73083

ATTN: LeRoy Holt

10-10-22 Graham coKS

#1 Grecian

Start Date: 2001.01.18 @ 09:15:00

End Date: 2001.01.18 @ 14:10:00

Job Ticket #: 14158 DST #: 1

Trilobite Testing Inc.

Box 362 Hays KS 67601

785.625.4778 trilobite@eaglecom.net

Russell Oil Inc

#1 Grecian

10-10-22 Graham coKS

DST #: 1

50'

LKC

2001.01.18



DRILL STEM TEST REPORT

Russell Oil Inc
 PO Box 2410
 Edmond, OK 73083
 ATTN: LeRoy Holt

#1 Grecian
10-10-22 Graham coKS
 Job Ticket: 14158 DST#: 1
 Test Start: 2001.01.18 @ 09:15:00

GENERAL INFORMATION:

Formation: **50' LKC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:10:38
 Time Test Ended: 14:10:00

Test Type: Conventional Bottom Hole
 Tester: Dan Bangle
 Unit No: 11

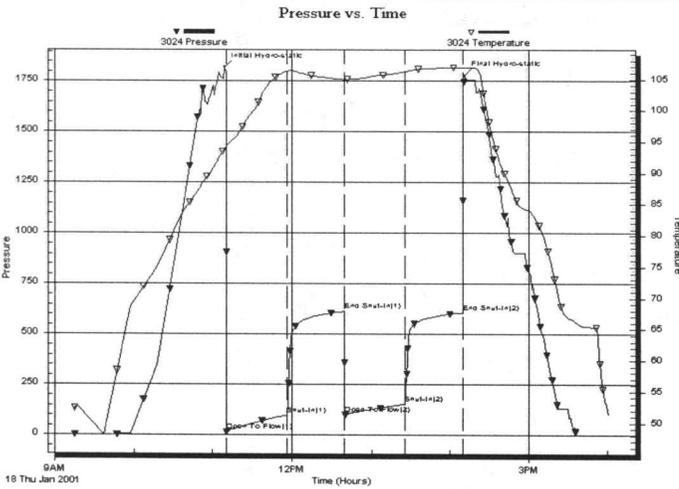
Interval: **3575.00 ft (KB) To 3596.00 ft (KB) (TVD)**
 Total Depth: 3596.00 ft (KB)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2281.00 ft (KB)
 2276.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: **3024** Inside
 Press@RunDepth: 153.99 psig @ 3576.01 ft (KB)
 Start Date: 2001.01.18 End Date: 2001.01.18
 Start Time: 09:15:09 End Time: 16:01:38

Capacity: 7000.00 psig
 Last Calib.: 2001.01.19
 Time On Btm: 2001.01.18 @ 11:09:08
 Time Off Btm: 2001.01.18 @ 14:11:08

TEST COMMENT: 60' Gas in pipe IF-Weak building to 5"
 FF-Weak building to 1"-



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
114	1818.80	93.94	Initial Hydro-static
116	14.74	94.35	Open To Flow (1)
161	98.60	106.32	Shut-In(1)
204	613.92	104.97	End Shut-In(1)
205	102.00	104.98	Open To Flow (2)
250	153.99	106.24	Shut-In(2)
295	608.17	106.88	End Shut-In(2)
296	1780.04	106.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Gas in pipe	0.30
272.00	Muddy water Rw. 15@60=60000	1.34
3.00	Clean Oil	0.01

Gas Rates

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

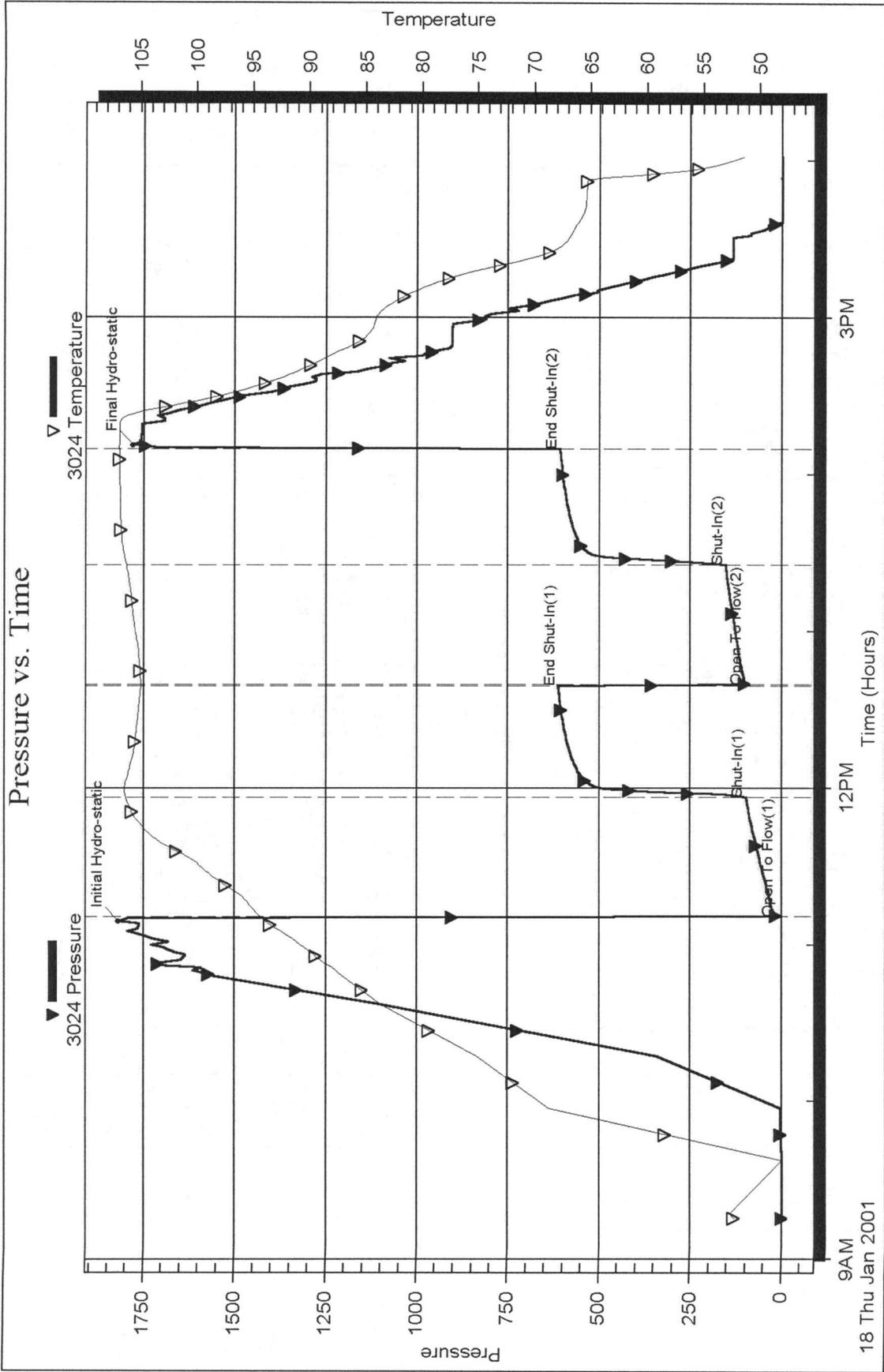
Serial #: 3024

Inside

Russell Oil Inc

10-10-22 Graham coKS

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

PO Box 2410
Edmond, OK 73083

ATTN: LeRoy Holt

10-10-22 Graham coKS

#1 Grecian

Start Date: 2001.01.19 @ 00:27:00

End Date: 2001.01.19 @ 05:23:00

Job Ticket #: 14159 DST #: 2

Trilobite Testing Inc.

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Russell Oil Inc

#1 Grecian

10-10-22 Graham coKS

DST #: 2

70'

LKC

2001.01.19



DRILL STEM TEST REPORT

Russell Oil Inc

#1 Grecian

PO Box 2410
Edmond, OK 73083

10-10-22 Graham coKS

ATTN: LeRoy Holt

Job Ticket: 14159

DST#: 2

Test Start: 2001.01.19 @ 00:27:00

GENERAL INFORMATION:

Formation: 70' LKC
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:23:15
Time Test Ended: 05:23:00

Test Type: Conventional Bottom Hole
Tester: Dan Bangle
Unit No: 11

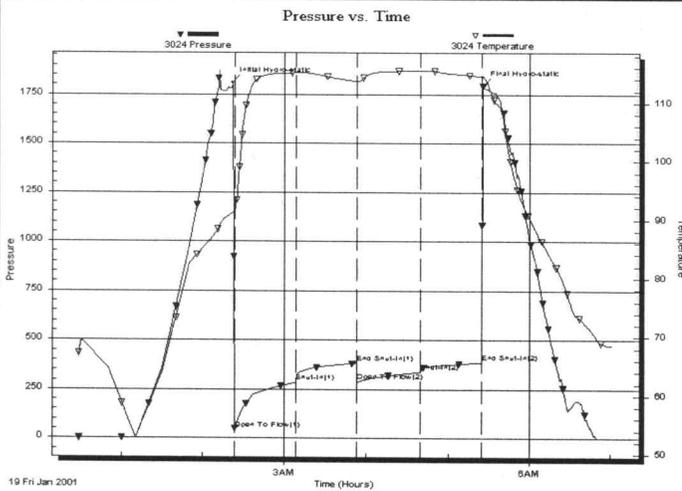
Interval: 3602.00 ft (KB) To 3619.00 ft (KB) (TVD)
Total Depth: 3619.00 ft (KB)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2281.00 ft (KB)
2276.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 3024 Inside
Press@RunDepth: 336.82 psig @ 3603.01 ft (KB)
Start Date: 2001.01.19 End Date: 2001.01.19
Start Time: 00:28:16 End Time: 07:01:45

Capacity: 7000.00 psig
Last Calib.: 2001.01.19
Time On Btm: 2001.01.19 @ 02:21:45
Time Off Btm: 2001.01.19 @ 05:25:45

TEST COMMENT: IF-Strong-B.O.B. in 3 min
FF-Weak building to 8" fair blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
114	1810.53	91.22	Initial Hydro-static
115	40.66	91.53	Open To Flow (1)
160	284.85	115.13	Shut-In(1)
205	382.62	113.69	End Shut-In(1)
205	287.07	113.68	Open To Flow (2)
251	336.82	115.53	Shut-In(2)
296	385.05	114.52	End Shut-In(2)
298	1796.83	114.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
685.00	Mud cut water 20% m 80% w	5.60

Gas Rates

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

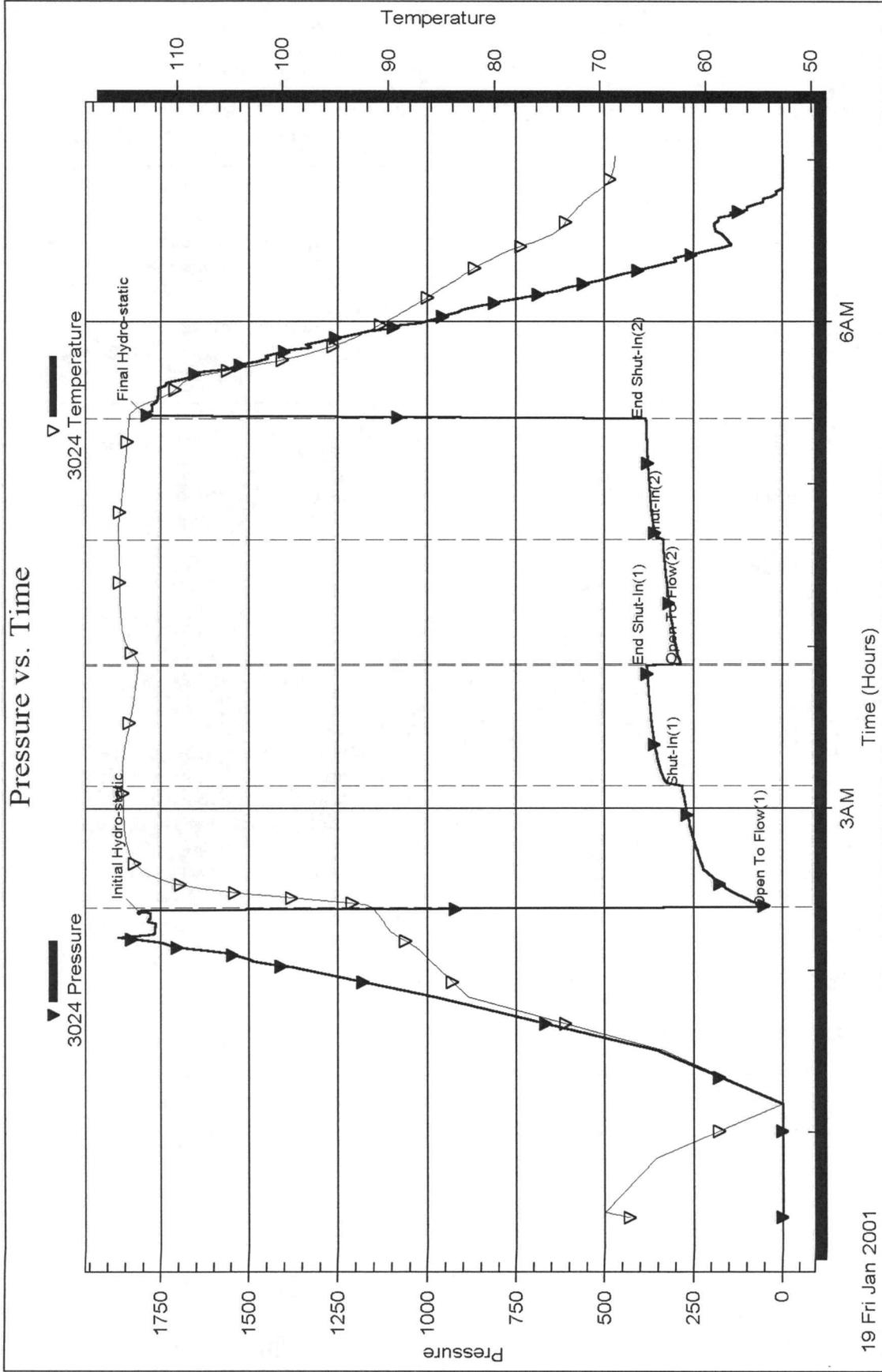
Serial #: 3024

Inside

Russell Oil Inc

10-10-22 Graham cOKS

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

PO Box 2410
Edmond, OK 73083

ATTN: LeRoy Holt

10-10-22 Graham coKS

#1 Grecian

Start Date: 2001.01.19 @ 20:40:00

End Date: 2001.01.20 @ 01:18:00

Job Ticket #: 14160 DST #: 3

Trilobite Testing Inc.

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785.625.4778 trilobite@eaglecom.net

Russell Oil Inc

#1 Grecian

10-10-22 Graham coKS

DST #: 3

"H"

LKC

2001.01.19



DRILL STEM TEST REPORT

Russell Oil Inc
 PO Box 2410
 Edmond, OK 73083
 ATTN: LeRoy Holt

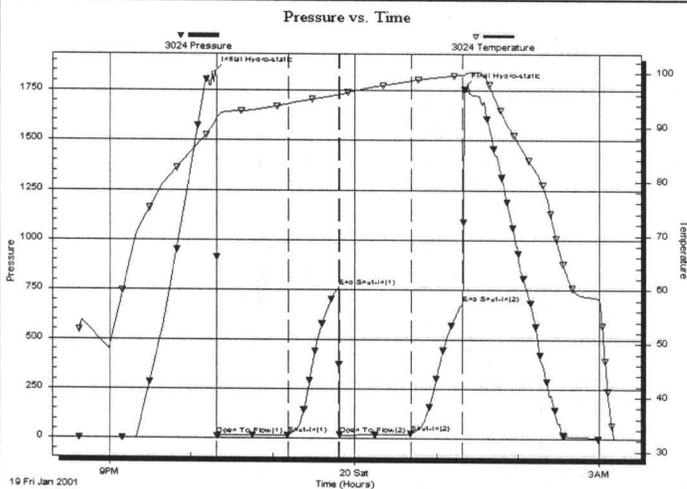
#1 Grecian
10-10-22 Graham coKS
 Job Ticket: 14160 **DST#: 3**
 Test Start: 2001.01.19 @ 20:40:00

GENERAL INFORMATION:

Formation: "H" LKC
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:18:49
 Time Test Ended: 01:18:00
 Interval: 3660.00 ft (KB) To 3690.00 ft (KB) (TVD)
 Total Depth: 3690.00 ft (KB)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Dan Bangle
 Unit No: 11
 Reference Elevations: 2281.00 ft (KB)
 2276.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 3024 Inside
 Press@RunDepth: 25.88 psig @ 3661.01 ft (KB)
 Start Date: 2001.01.19 End Date: 2001.01.20
 Start Time: 20:37:20 End Time: 03:10:49
 Capacity: 7000.00 psig
 Last Calib.: 2001.01.20
 Time On Btm: 2001.01.19 @ 22:17:19
 Time Off Btm: 2001.01.20 @ 01:20:19

TEST COMMENT: IF-Weak building to 1"
 FF-Weak steady surface blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
100	1840.77	91.06	Initial Hydro-static
102	13.02	91.73	Open To Flow (1)
154	18.63	94.34	Shut-In(1)
191	764.06	96.02	End Shut-In(1)
192	17.93	96.07	Open To Flow (2)
244	25.88	98.59	Shut-In(2)
282	682.55	99.68	End Shut-In(2)
283	1766.75	99.73	Final Hydro-static

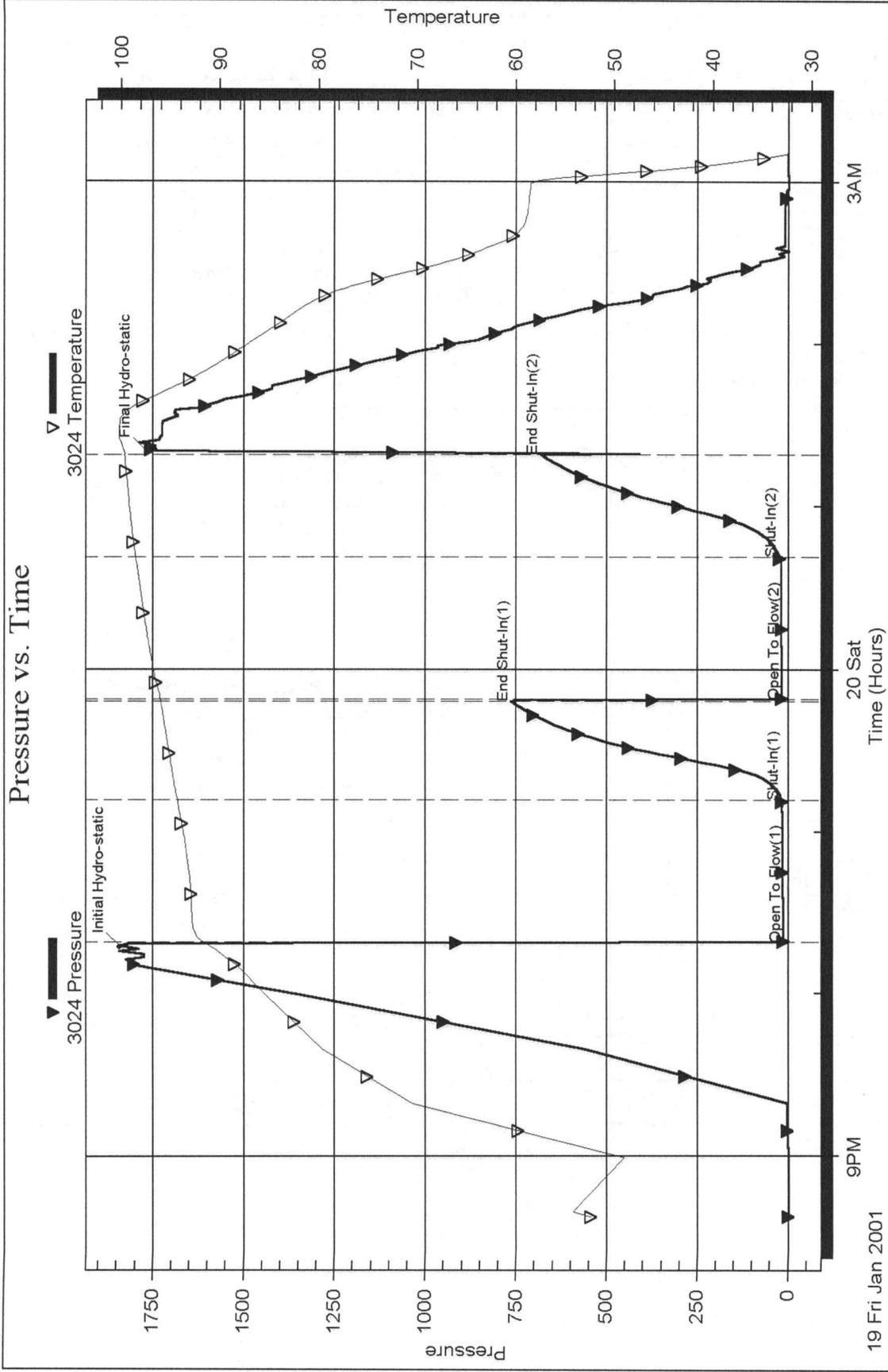
Recovery

Length (ft)	Description	Volume (bbl)
15.00	Drilling mud	0.07

Gas Rates

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

Pressure vs. Time





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ATTN: LeRoy Holt

10-10-22 Graham coKS

#1 Grecian

Start Date: 2001.01.20 @ 10:09:00

End Date: 2001.01.20 @ 14:53:00

Job Ticket #: 14161 DST #: 4

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DRILL STEM TEST REPORT

Russell Oil Inc
 PO Box 2410
 Edmond, OK 73083
 ATTN: LeRoy Holt

#1 Grecian
10-10-22 Graham coKS
 Job Ticket: 14161 **DST#: 4**
 Test Start: 2001.01.20 @ 10:09:00

GENERAL INFORMATION:

Formation: **180' LKC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:53:28
 Time Test Ended: 14:53:00

Test Type: Conventional Bottom Hole
 Tester: Dan Bangle
 Unit No: 11

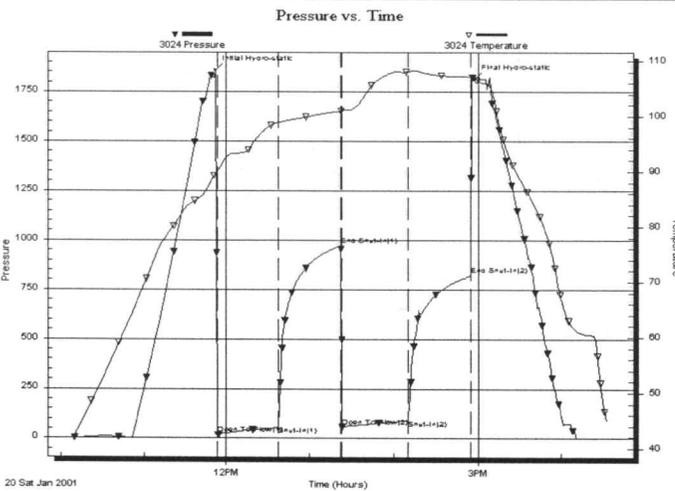
Interval: **3693.00 ft (KB) To 3712.00 ft (KB) (TVD)**
 Total Depth: 3712.00 ft (KB)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2281.00 ft (KB)
 2276.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: **3024** Inside
 Press@RunDepth: 89.49 psig @ 3694.01 ft (KB)
 Start Date: 2001.01.20 End Date: 2001.01.20
 Start Time: 10:09:29 End Time: 16:32:28

Capacity: 7000.00 psig
 Last Calib.: 2001.01.20
 Time On Btm: 2001.01.20 @ 11:51:58
 Time Off Btm: 2001.01.20 @ 14:57:28

TEST COMMENT: IF-Weak building to 2"
 FF-Weak steady surface blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
103	1856.87	89.69	Initial Hydro-static
104	14.30	90.18	Open To Flow (1)
148	54.78	98.90	Shut-In(1)
193	972.05	101.02	End Shut-In(1)
194	56.68	101.08	Open To Flow (2)
241	89.49	108.09	Shut-In(2)
286	820.14	107.18	End Shut-In(2)
288	1812.55	106.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drilling mud	0.02
120.00	Muddy water Rw .19@60=45000	0.59

Gas Rates

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

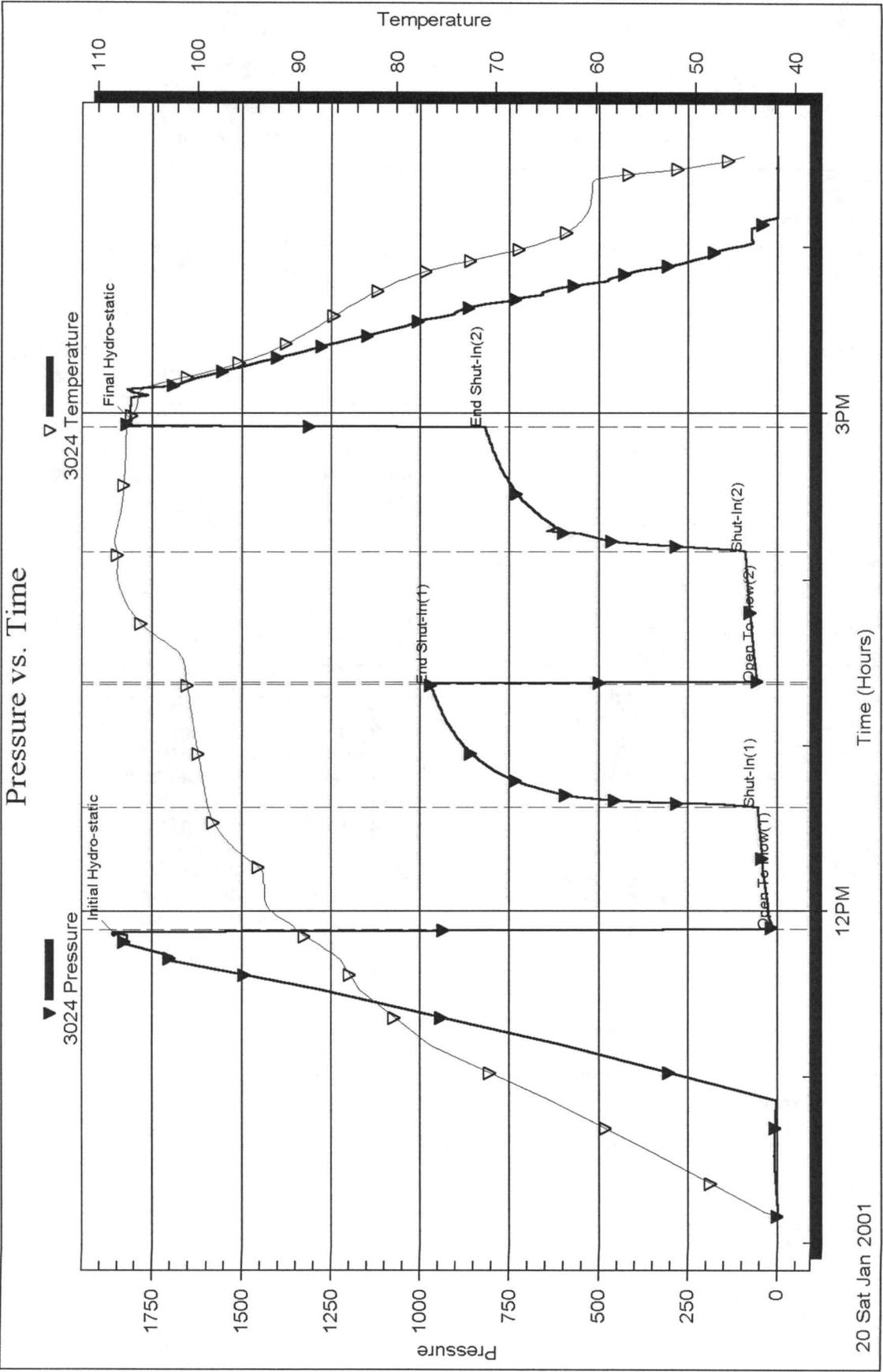
Serial #: 3024

Inside

Russell Oil Inc

10-10-22 Graham cOKS

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

PO Box 2410
Edmond, OK 73083

ATTN: LeRoy Holt

10-10-22 Graham coKS

#1 Grecian

Start Date: 2001.01.21 @ 04:32:00

End Date: 2001.01.21 @ 09:30:00

Job Ticket #: 14162 DST #: 5

Trilobite Testing Inc.

Box 362 Hays KS 67601

785.625.4778 trilobite@eaglecom.net

Russell Oil Inc

#1 Grecian

10-10-22 Graham coKS

DST #: 5

"K"

LKC

2001.01.21



DRILL STEM TEST REPORT

Russell Oil Inc
 PO Box 2410
 Edmond, OK 73083
 ATTN: LeRoy Holt

#1 Grecian
10-10-22 Graham coKS
 Job Ticket: 14162 **DST#: 5**
 Test Start: 2001.01.21 @ 04:32:00

GENERAL INFORMATION:

Formation: "K" LKC
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:27:09
 Time Test Ended: 09:30:00

Test Type: Conventional Bottom Hole
 Tester: Dan Bangle
 Unit No: 11

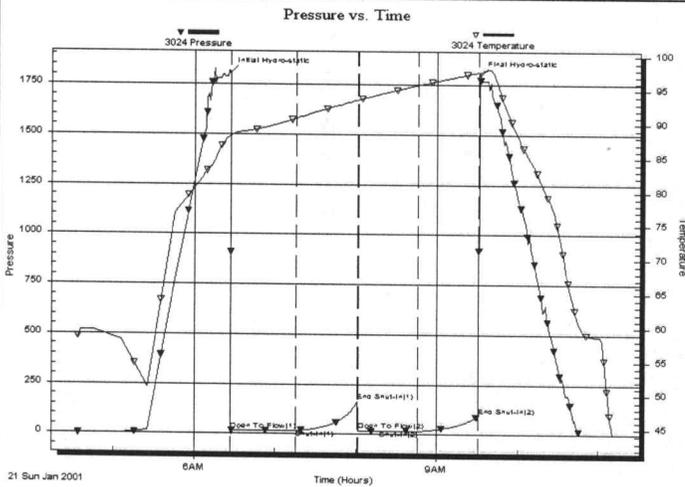
Interval: 3714.00 ft (KB) To 3730.00 ft (KB) (TVD)
 Total Depth: 3730.00 ft (KB)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2281.00 ft (KB)
 2276.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 3024 Inside
 Press@RunDepth: 15.95 psig @ 3715.01 ft (KB)
 Start Date: 2001.01.21 End Date: 2001.01.21
 Start Time: 04:33:10 End Time: 17:37:39

Capacity: 7000.00 psig
 Last Calib.: 2001.01.21
 Time On Btm: 2001.01.21 @ 06:26:39
 Time Off Btm: 2001.01.21 @ 09:32:09

TEST COMMENT: IF-Weak steady surface blow
 FF-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
114	1807.94	88.21	Initial Hydro-static
114	13.72	88.32	Open To Flow (1)
162	14.86	90.83	Shut-In(1)
208	162.95	93.55	End Shut-In(1)
209	16.45	93.61	Open To Flow (2)
253	15.95	95.79	Shut-In(2)
298	93.31	97.67	End Shut-In(2)
299	1799.23	97.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drilling mud	0.02

Gas Rates

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

Serial #: 3024

Inside

Russell Oil Inc

10-10-22 Graham coKS

Pressure vs. Time

