

DRILL STEM TEST REPORT

Prepared For: **Wildcat Oil & Gas**

10286 SW 170th Ave
Nashville KS 67112

ATTN: Tim Pierce

20 30 6W Kingman KS

MJ Huey # 1

Start Date: 2007.03.14 @ 03:46:13

End Date: 2007.03.14 @ 11:41:58

Job Ticket #: 26917 DST #: 1

15-095-22076

C N2 NE NW

330 FNL 3300 FEL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Wildcat Oil & Gas

10286 SW 170th Ave
Nashville KS 67112

ATTN: Tim Pierce

MJ Huey # 1

20 30 6W Kingman KS

Job Ticket: 26917

DST#: 1

Test Start: 2007.03.14 @ 03:46:13

GENERAL INFORMATION:

Formation: **Lansing**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 06:17:13

Time Test Ended: 11:41:58

Test Type: **Conventional Bottom Hole**

Tester: **Leal Cason**

Unit No: **19**

Interval: **3268.00 ft (KB) To 3312.00 ft (KB) (TVD)**

Total Depth: **3312.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **1456.00 ft (KB)**

1445.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6752

Inside

Press@RunDepth: **120.26 psig @ 3269.00 ft (KB)**

Start Date: **2007.03.14**

End Date:

2007.03.14

Start Time: **03:46:18**

End Time:

11:41:57

Capacity: **7000.00 psig**

Last Calib.: **2007.03.14**

Time On Btm: **2007.03.14 @ 06:16:13**

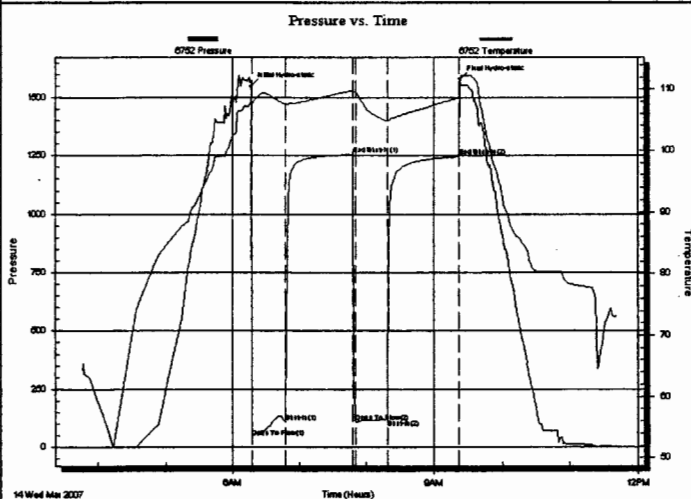
Time Off Btm: **2007.03.14 @ 09:22:58**

TEST COMMENT: IF Strong Blow BOB in 30 seconds GTS in 12 minutes

ISI Bled Off No Blow back

FF Strong Blow BOB Immediate GTS Immediate

FSI Bled Off No Blow back



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1549.11	107.85	Initial Hydro-static
1	40.03	107.80	Open To Flow (1)
32	108.34	107.41	Shut-In(1)
92	1255.82	109.83	End Shut-In(1)
95	107.97	109.46	Open To Flow (2)
123	120.26	104.84	Shut-In(2)
186	1246.27	108.55	End Shut-In(2)
187	1580.21	110.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP AFFF	0.00
66.00	Water	0.32
130.00	GSY WCM 2%G 26%W 72%M	1.28

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	26.00	64.09
Last Gas Rate	0.50	29.00	292.76
Max. Gas Rate	0.25	40.00	86.30



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Wildcat Oil & Gas

MJ Huey # 1

10286 SW 170th Ave
Nashville KS 67112

20 30 6W Kingman KS

Job Ticket: 26917

DST#: 1

ATTN: Tim Pierce

Test Start: 2007.03.14 @ 03:46:13

Tool Information

Drill Pipe:	Length: 3141.00 ft	Diameter: 3.80 inches	Volume: 44.06 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 3.25 inches	Volume: - bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 126.00 ft	Diameter: 2.25 inches	Volume: 0.62 bbl	Weight to Pull Loose:	60000.00 lb
		Total Volume:	- bbl	Tool Chased	ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	49000.00 lb
Depth to Top Packer:	3268.00 ft			Final	49000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	44.00 ft				
Tool Length:	65.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Circulating sub	1.00			3248.00	
Change Over Sub	1.00			3249.00	
Shut In Tool	5.00			3254.00	
Hydraulic tool	5.00			3259.00	
Packer	5.00			3264.00	21.00 Bottom Of Top Packer
Packer	4.00			3268.00	
Stubb	1.00			3269.00	
Recorder	0.00	6752	Inside	3269.00	
Perforations	4.00			3273.00	
Drill Pipe	32.00			3305.00	
Perforations	4.00			3309.00	
Recorder	0.00	6704	Outside	3309.00	
Bullnose	3.00			3312.00	44.00 Bottom Packers & Anchor

Total Tool Length: 65.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Wildcat Oil & Gas

MJ Huey # 1

10286 SW 170th Ave
Nashville KS 67112

20 30 6W Kingman KS

Job Ticket: 26917

DST#: 1

ATTN: Tim Pierce

Test Start: 2007.03.14 @ 03:46:13

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 42.00 sec/qt

Water Loss: 9.96 in³

Resistivity: ohm.m

Salinity: 4000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

23000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	GIP AFFF	0.000
66.00	Water	0.325
130.00	GSY WCM 2%G 26%W 72%M	1.277

Total Length: 196.00 ft

Total Volume: 1.602 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
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DRILL STEM TEST REPORT

GAS RATES

Wildcat Oil & Gas

MJ Huey # 1

10286 SW 170th Ave
Nashville KS 67112

20 30 6W Kingman KS

Job Ticket: 26917

DST#: 1

ATTN: Tim Pierce

Test Start: 2007.03.14 @ 03:46:13

Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m³/d)
1	15	0.25	26.00	64.09
1	15	0.25	26.00	64.09
1	20	0.25	40.00	86.30
1	25	0.38	36.00	184.63
1	30	0.63	22.00	389.51
2	5	0.50	31.00	306.25
2	10	0.50	32.00	313.00
2	20	0.50	29.00	292.76

DST Test Number: 1

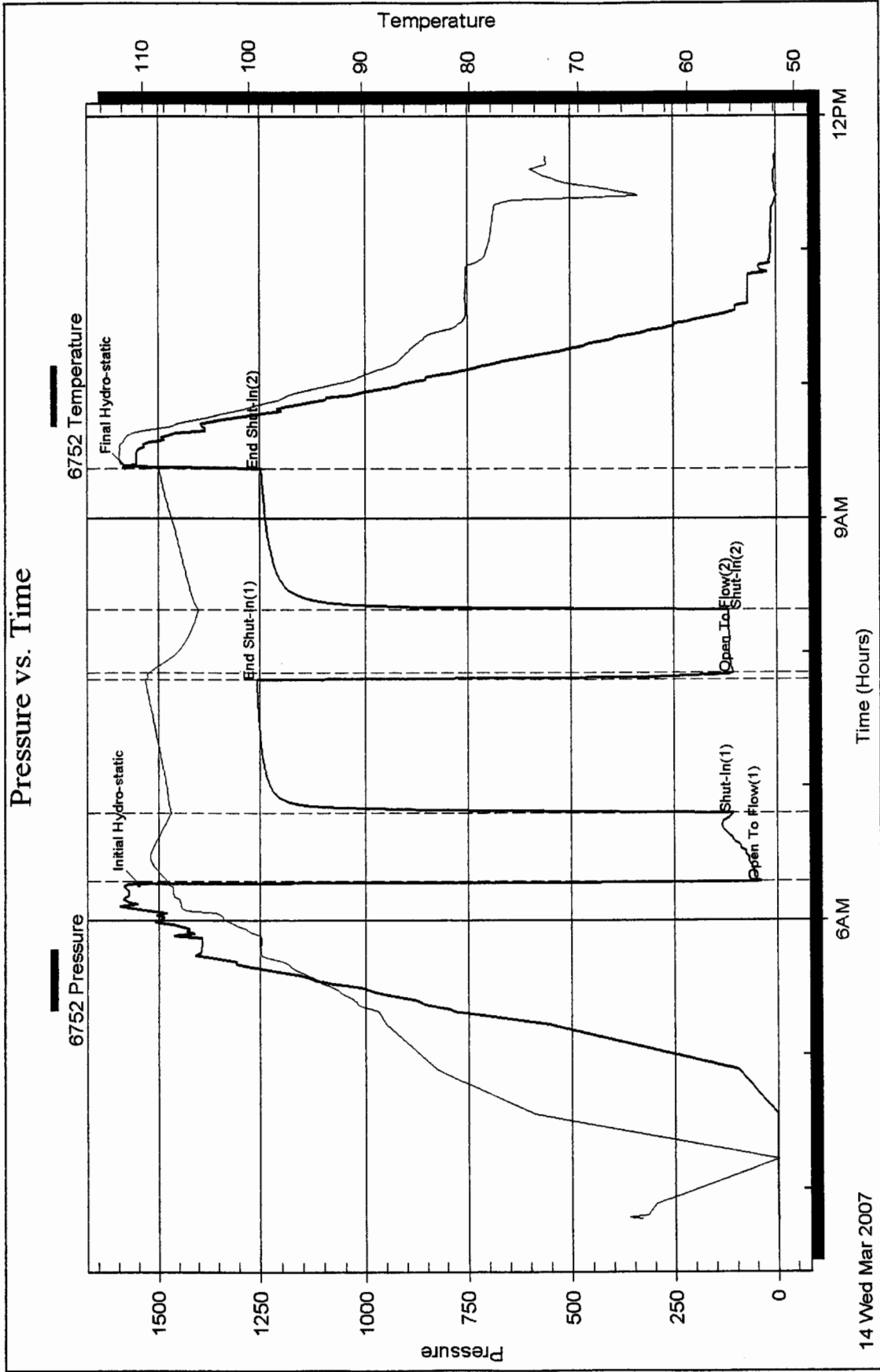
20 30 6W Kingman KS

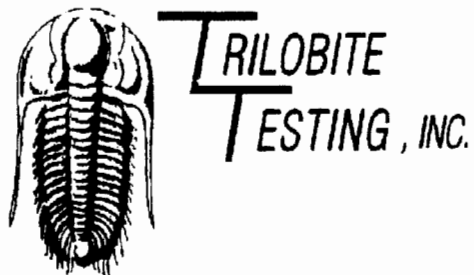
Wildcat Oil & Gas

Inside

Serial #: 6752

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Wildcat Oil & Gas**

10286 SW 170th Ave
Nashville KS 67112

ATTN: Tim Pierce

20 30 6W Kingman KS

MJ Huey # 1

Start Date: 2007.03.15 @ 09:28:31

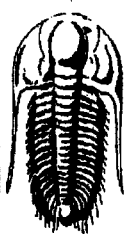
End Date: 2007.03.15 @ 19:22:46

Job Ticket #: 26918 DST #: 2

Trilobite Testing, Inc

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TRILOBITE
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DRILL STEM TEST REPORT

Wildcat Oil & Gas

10286 SW 170th Ave
Nashville KS 67112

ATTN: Tim Pierce

MJ Huey # 1

20 30 6W Kingman KS

Job Ticket: 26918

DST#: 2

Test Start: 2007.03.15 @ 09:28:31

GENERAL INFORMATION:

Formation: **Kansas City A**

Deviated: **No Whipstock:** ft (KB)

Time Tool Opened: 12:21:46

Time Test Ended: 19:22:46

Test Type: **Conventional Bottom Hole**

Tester: **Leal Cason**

Unit No: **19**

Interval: **3565.00 ft (KB) To 3583.00 ft (KB) (TVD)**

Total Depth: **3583.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **1456.00 ft (KB)**

1445.00 ft (CF)

KB to GR/CF: **11.00 ft**

Serial #: 6752

Inside

Press@RunDepth: **212.33 psig @ 3566.00 ft (KB)**

Start Date: **2007.03.15**

End Date: **2007.03.15**

Start Time: **09:28:36**

End Time: **19:22:46**

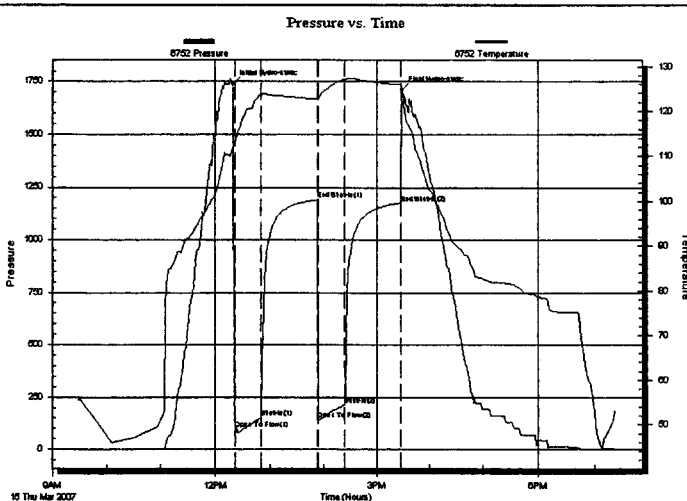
Capacity: **7000.00 psig**

Last Calib.: **2007.03.15**

Time On Btm: **2007.03.15 @ 12:19:16**

Time Off Btm: **2007.03.15 @ 15:28:00**

TEST COMMENT: IF Strong Blow BOB in 1 minute
ISI Bled Off Blow back Built To 6 inches GTS 48 minutes into shut in
FF Strong Blow GTS Immediate BOB in 1 minute
FSI Bled Off Blow back Built to BOB in 22 minutes



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1738.26	111.40	Initial Hydro-static
3	96.43	113.15	Open To Flow (1)
31	153.23	123.93	Shut-In (1)
94	1191.08	122.74	End Shut-In (1)
95	140.99	122.83	Open To Flow (2)
124	212.33	127.06	Shut-In (2)
189	1174.02	125.94	End Shut-In (2)
189	1709.00	126.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP AAFP	0.00
180.00	Muddy Water 5%M 95%W	1.38
50.00	SOMCW 5%O 6%M 89%W	0.70
70.00	GSY MWCO 12%G 5%M 23%W 60%CO.98	
180.00	GSY WOCM 24%G 6%W 28%O 42%W2.52	

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	2.00	6.14
Last Gas Rate	0.13	7.00	8.01
Max. Gas Rate	0.13	7.00	8.01



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Wildcat Oil & Gas

10286 SW 170th Ave
Nashville KS 67112

ATTN: Tim Pierce

MJ Huey # 1

20 30 6W Kingman KS

Job Ticket: 26918

DST#: 2

Test Start: 2007.03.15 @ 09:28:31

Tool Information

Drill Pipe:	Length: 3424.00 ft	Diameter: 3.80 inches	Volume: 48.03 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 3.25 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 126.00 ft	Diameter: 2.25 inches	Volume: 0.62 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 48.65 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3565.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	39.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				
Tool Slid About 20 feet				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Circulating sub	1.00			3545.00	
Change Over Sub	1.00			3546.00	
Shut In Tool	5.00			3551.00	
Hydraulic tool	5.00			3556.00	
Packer	5.00			3561.00	21.00 Bottom Of Top Packer
Packer	4.00			3565.00	
Stubb	1.00			3566.00	
Recorder	0.00	6752	Inside	3566.00	
Perforations	14.00			3580.00	
Recorder	0.00	6704	Outside	3580.00	
Bullnose	3.00			3583.00	18.00 Bottom Packers & Anchor

Total Tool Length: 39.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Wildcat Oil & Gas

MJ Huey # 1

10286 SW 170th Ave
Nashville KS 67112

20 30 6W Kingman KS

Job Ticket: 26918

DST#: 2

ATTN: Tim Pierce

Test Start: 2007.03.15 @ 09:28:31

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:

6400 ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbl

Water Loss: 13.96 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	GIP AAFP	0.000
180.00	Muddy Water 5%M 95%W	1.377
50.00	SOMCW 5%O 6%M 89%W	0.701
70.00	GSY MWCO 12%G 5%M 23%W 60%O	0.982
180.00	GSY WOCM 24%G 6%W 28%O 42%M	2.525

Total Length: 480.00 ft

Total Volume: 5.585 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
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DRILL STEM TEST REPORT

GAS RATES

Wildcat Oil & Gas

MJ Huey # 1

10286 SW 170th Ave
Nashville KS 67112

20 30 6W Kingman KS

Job Ticket: 26918

DST#: 2

ATTN: Tim Pierce

Test Start: 2007.03.15 @ 09:28:31

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	5	0.13	2.00	6.14
2	5	0.13	2.00	6.14
2	10	0.13	3.00	6.51
2	15	0.13	6.25	7.73
2	20	0.13	5.50	7.45
2	25	0.13	7.00	8.01

DST Test Number: 2

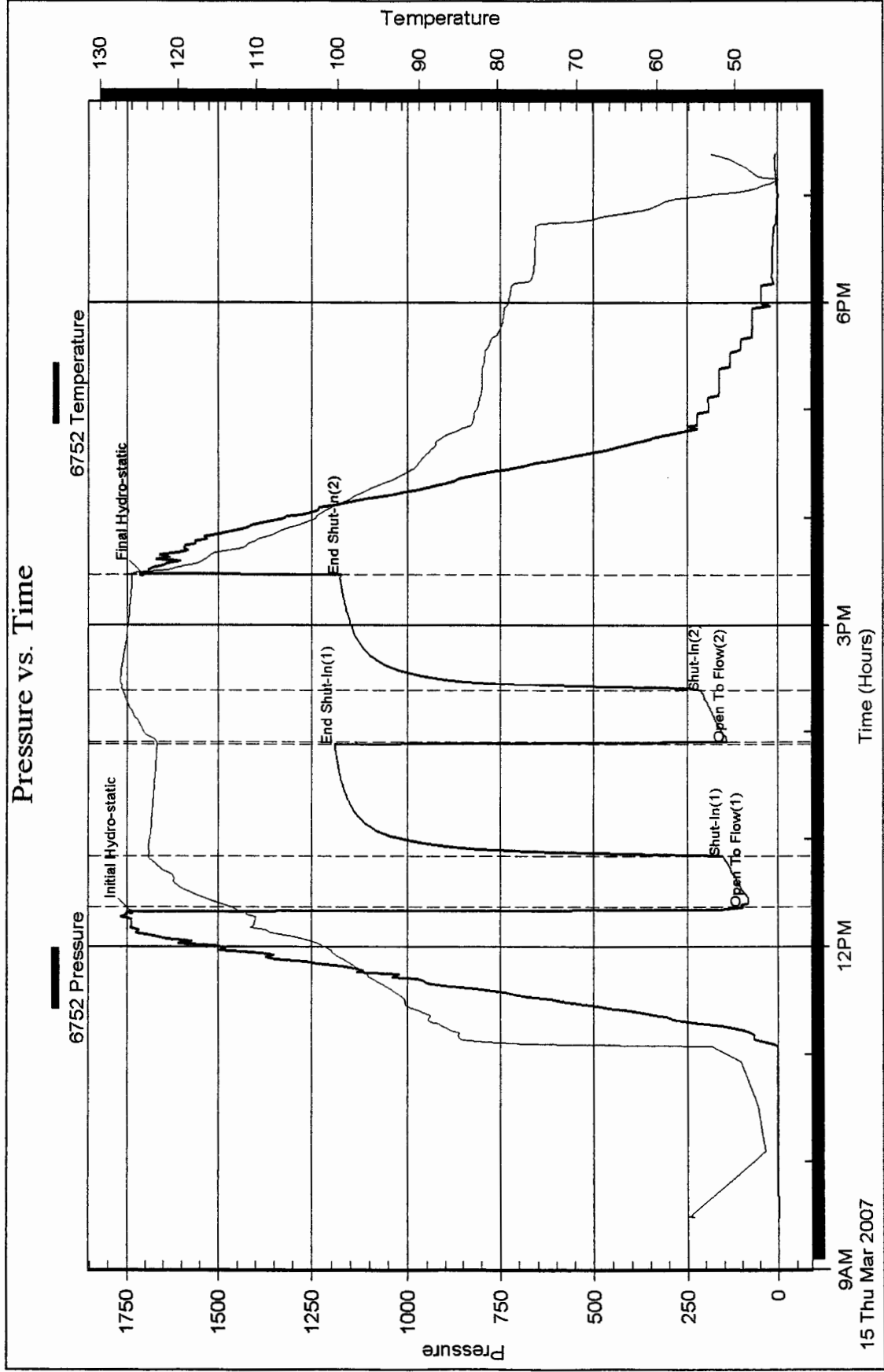
20 30 6W Kingman KS

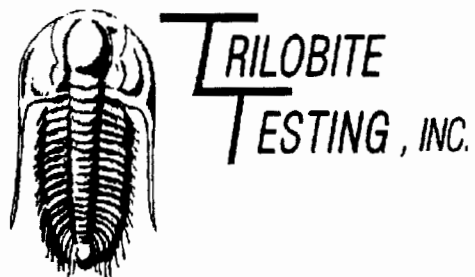
Wildcat Oil & Gas

Inside

Serial #: 6752

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Wildcat Oil & Gas**

10286 SW 170th Ave
Nashville KS 67112

ATTN: Tim Pierce

20 30 6W Kingman KS

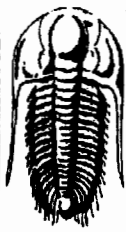
MJ Huey # 1

Start Date: 2007.03.16 @ 03:42:14

End Date: 2007.03.16 @ 12:08:59

Job Ticket #: 26919 DST #: 3

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Wildcat Oil & Gas

10286 SW 170th Ave
Nashville KS 67112

ATTN: Tim Pierce

MJ Huey # 1

20 30 6W Kingman KS

Job Ticket: 26919

DST#: 3

Test Start: 2007.03.16 @ 03:42:14

GENERAL INFORMATION:

Formation: **Kansas City B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:29:59

Time Test Ended: 12:08:59

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 19

Interval: **3586.00 ft (KB) To 3600.00 ft (KB) (TVD)**

Total Depth: 3600.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1456.00 ft (KB)

1445.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6752

Inside

Press@RunDepth: 314.81 psig @ 3587.00 ft (KB)

Start Date: 2007.03.16

End Date:

2007.03.16

Start Time: 03:42:19

End Time:

12:08:58

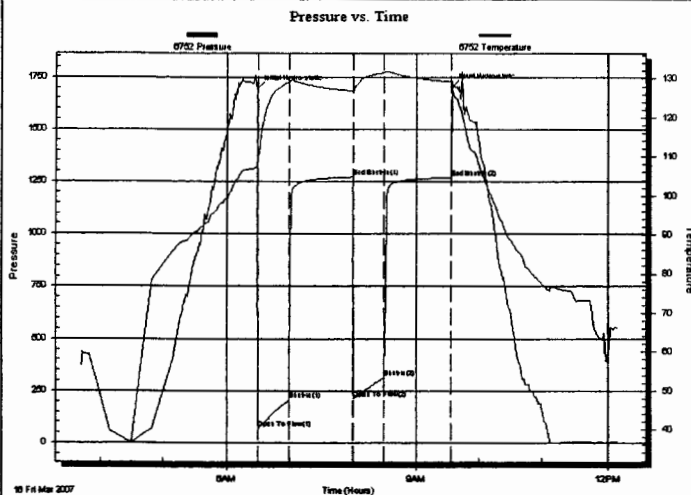
Capacity: 7000.00 psig

Last Calib.: 2007.03.16

Time On Btm: 2007.03.16 @ 06:28:44

Time Off Btm: 2007.03.16 @ 09:33:28

TEST COMMENT: IF Strong Blow BOB in 5 1/2 minutes
ISI Bled Off Blow back Built To 3 1/2 inches
FF Strong Blow BOB in 8 minutes
FSI Bled Off Blow back Built To 1 1/2 inches



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1690.74	107.83	Initial Hydro-static
2	69.37	109.62	Open To Flow (1)
31	206.52	129.16	Shut-In(1)
91	1271.42	126.89	End Shut-In(1)
92	213.55	126.73	Open To Flow (2)
121	314.81	131.54	Shut-In(2)
185	1269.37	129.26	End Shut-In(2)
185	1700.59	129.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP 1320 Feet	0.00
420.00	Water	4.74
60.00	WCM 44%W 56%M	0.84
50.00	GSY SOWCM 2%G 5%O 10%W 83%M	0.70

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Wildcat Oil & Gas

MJ Huey # 1

10286 SW 170th Ave
Nashville KS 67112

20 30 6W Kingman KS

Job Ticket: 26919

DST#: 3

ATTN: Tim Pierce

Test Start: 2007.03.16 @ 03:42:14

Tool Information

Drill Pipe:	Length: 3455.00 ft	Diameter: 3.80 inches	Volume: 48.46 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 3.25 inches	Volume: - bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 126.00 ft	Diameter: 2.25 inches	Volume: 0.62 bbl	Weight to Pull Loose:	60000.00 lb
		Total Volume:	- bbl	Tool Chased	ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial	51000.00 lb
Depth to Top Packer:	3586.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	14.00 ft				
Tool Length:	35.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Circulating sub	1.00			3566.00	
Change Over Sub	1.00			3567.00	
Shut In Tool	5.00			3572.00	
Hydraulic tool	5.00			3577.00	
Packer	5.00			3582.00	21.00 Bottom Of Top Packer
Packer	4.00			3586.00	
Stubb	1.00			3587.00	
Recorder	0.00	6752	Inside	3587.00	
Perforations	10.00			3597.00	
Recorder	0.00	6704	Outside	3597.00	
Bullnose	3.00			3600.00	14.00 Bottom Packers & Anchor

Total Tool Length: 35.00



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Wildcat Oil & Gas

MJ Huey # 1

10286 SW 170th Ave
Nashville KS 67112

20 30 6W Kingman KS

Job Ticket: 26919

DST#: 3

ATTN: Tim Pierce

Test Start: 2007.03.16 @ 03:42:14

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 45.00 sec/qt

Water Loss: 9.57 in³

Resistivity: ohm.m

Salinity: 5000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

55000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	GIP 1320 Feet	0.000
420.00	Water	4.744
60.00	WCM 44%W 56%M	0.842
50.00	GSY SOWCM 2%G 5%O 10%W 83%M	0.701

Total Length: 530.00 ft

Total Volume: 6.287 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

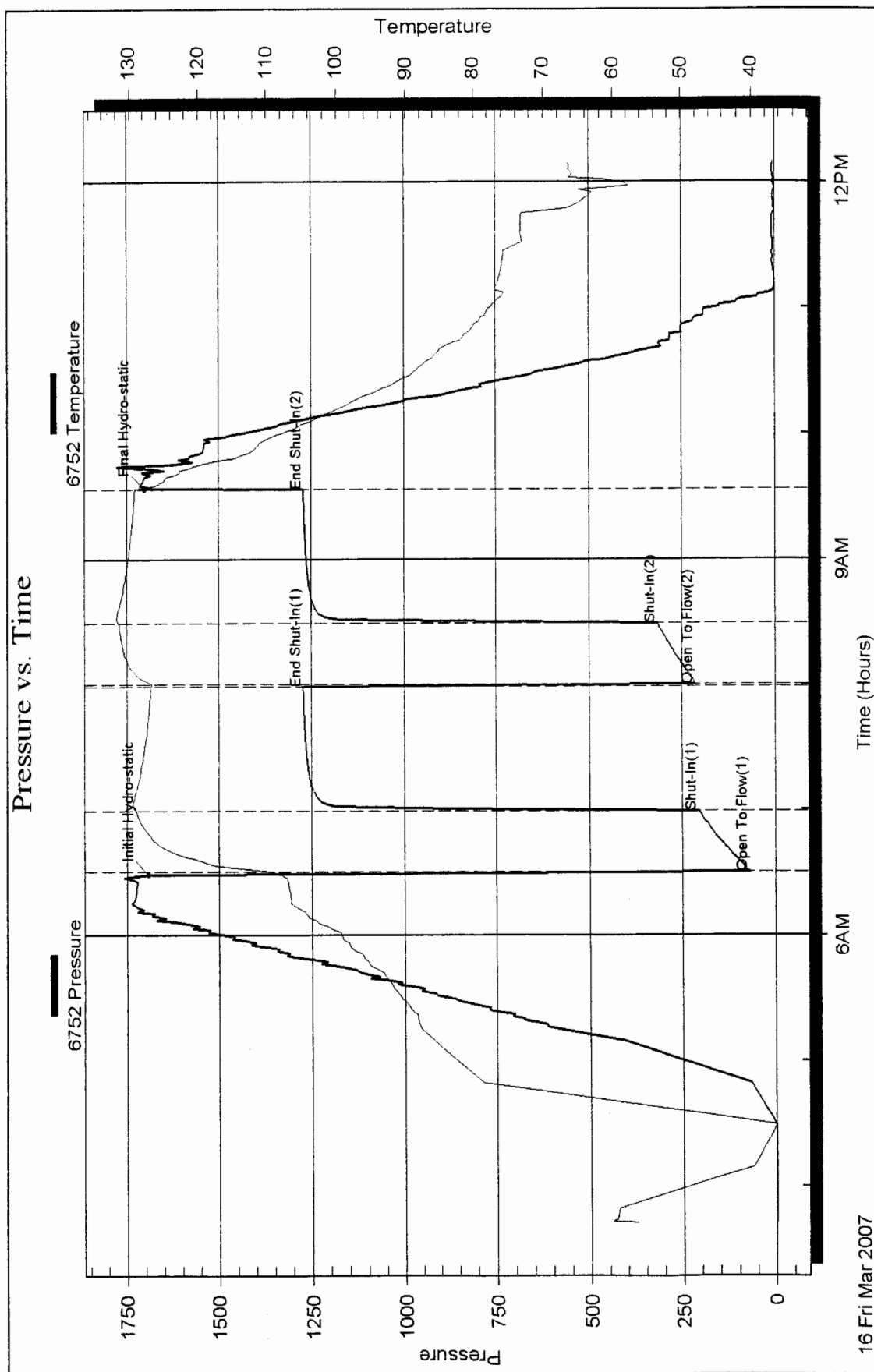
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Wildcat Oil & Gas**

10286 SW 170th Ave
Nashville KS 67112

ATTN: Tim Pierce

20 30 6W Kingman KS

MJ Huey # 1

Start Date: 2007.03.17 @ 01:10:52

End Date: 2007.03.17 @ 10:13:22

Job Ticket #: 26920 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
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DRILL STEM TEST REPORT

Wildcat Oil & Gas

10286 SW 170th Ave
Nashville KS 67112

ATTN: Tim Pierce

MJ Huey # 1

20 30 6W Kingman KS

Job Ticket: 26920

DST#: 4

Test Start: 2007.03.17 @ 01:10:52

GENERAL INFORMATION:

Formation: **KC Dennis Swope**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:45:37

Time Test Ended: 10:13:22

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 19

Interval: **3664.00 ft (KB) To 3704.00 ft (KB) (TVD)**

Total Depth: 3312.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1456.00 ft (KB)

1445.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6752

Inside

Press@RunDepth: 161.50 psig @ 3665.00 ft (KB)

Start Date: 2007.03.17

End Date:

2007.03.17

Start Time: 01:10:57

End Time:

10:13:22

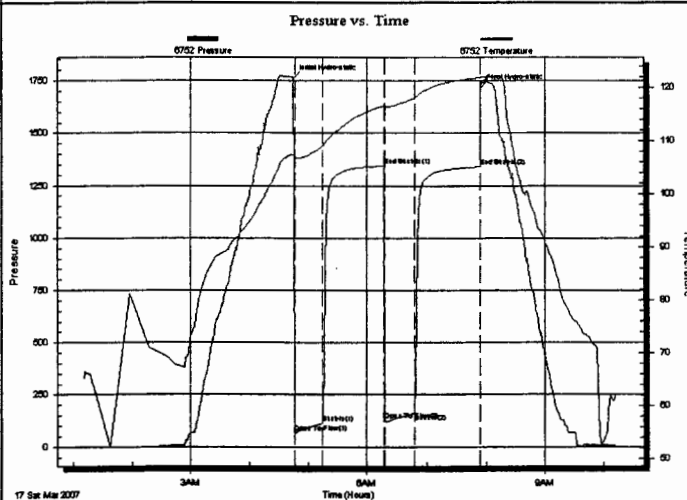
Capacity: 7000.00 psig

Last Calib.: 2007.03.17

Time On Btm: 2007.03.17 @ 04:44:22

Time Off Btm: 2007.03.17 @ 07:53:51

TEST COMMENT: IS Strong Blow BOB in 10 minutes
ISI Bled Off Weak Surface Blow back
FF Strong Blow BOB in 20 minutes
FSI Bled Off Blow back Built to 2 inches



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1760.65	107.32	Initial Hydro-static
2	67.40	106.95	Open To Flow (1)
31	113.15	109.06	Shut-In(1)
93	1344.99	116.62	End Shut-In(1)
94	129.80	116.43	Open To Flow (2)
124	161.50	118.13	Shut-In(2)
190	1339.54	121.85	End Shut-In(2)
190	1715.91	121.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP 480 Feet	0.00
180.00	Water	1.38
110.00	GSY OWCM 2%G 5%O 6%W 87%M	1.54

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Wildcat Oil & Gas

MJ Huey # 1

10286 SW 170th Ave
Nashville KS 67112

20 30 6W Kingman KS

Job Ticket: 26920

DST#: 4

ATTN: Tim Pierce

Test Start: 2007.03.17 @ 01:10:52

Tool Information

Drill Pipe:	Length: 3549.00 ft	Diameter: 3.80 inches	Volume: 49.78 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 3.25 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 126.00 ft	Diameter: 2.25 inches	Volume: 0.62 bbl	Weight to Pull Loose: 52000.00 lb
			Total Volume: 50.40 bbl	Tool Chased ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3664.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	61.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Circulating sub	1.00			3644.00	
Change Over Sub	1.00			3645.00	
Shut In Tool	5.00			3650.00	
Hydraulic tool	5.00			3655.00	
Packer	5.00			3660.00	21.00 Bottom Of Top Packer
Packer	4.00			3664.00	
Stubb	1.00			3665.00	
Recorder	0.00	6752	Inside	3665.00	
Perforations	4.00			3669.00	
Drill Pipe	32.00			3701.00	
Recorder	0.00	6704	Outside	3701.00	
Bullnose	3.00			3704.00	40.00 Bottom Packers & Anchor

Total Tool Length: 61.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Wildcat Oil & Gas

MJ Huey # 1

10286 SW 170th Ave
Nashville KS 67112

20 30 6W Kingman KS

Job Ticket: 26920

DST#: 4

ATTN: Tim Pierce

Test Start: 2007.03.17 @ 01:10:52

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:

37000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	GIP 480 Feet	0.000
180.00	Water	1.377
110.00	GSY OWQM 2%G 5%O 6%W 87%M	1.543

Total Length: 290.00 ft

Total Volume: 2.920 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

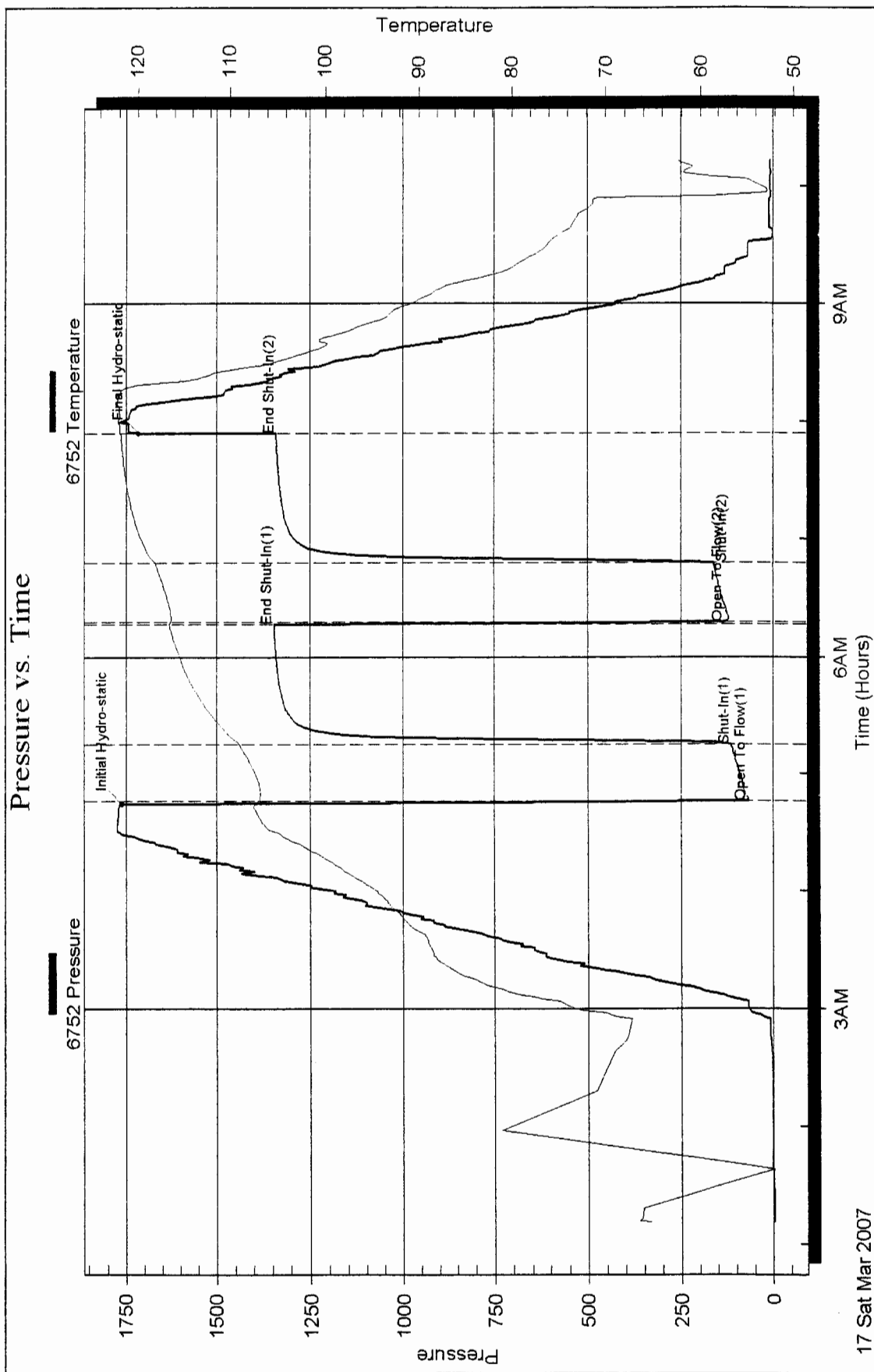
Serial #:

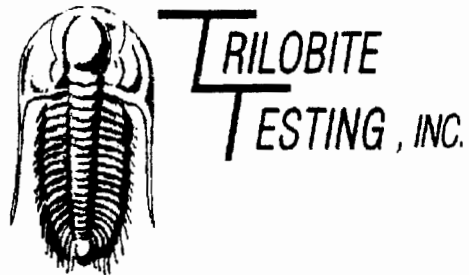
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Wildcat Oil & Gas**

10286 SW 170th Ave
Nashville KS 67112

ATTN: Tim Pierce

20 30 6W Kingman KS

MJ Huey # 1

Start Date: 2007.03.19 @ 03:24:27

End Date: 2007.03.19 @ 12:47:42

Job Ticket #: 26921 DST #: 5

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Wildcat Oil & Gas

10286 SW 170th Ave
Nashville KS 67112

ATTN: Tim Pierce

MJ Huey # 1

20 30 6W Kingman KS

Job Ticket: 26921

DST#: 5

Test Start: 2007.03.19 @ 03:24:27

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:00:12

Time Test Ended: 12:47:42

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 19

Interval: **4100.00 ft (KB) To 4115.00 ft (KB) (TVD)**

Reference Elevations: 1456.00 ft (KB)

Total Depth: 4115.00 ft (KB) (TVD)

1445.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 6752

Inside

Press@RunDepth: 144.93 psig @ 4101.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.03.19

End Date: 2007.03.19

Last Calib.: 2007.03.19

Start Time: 03:24:32

End Time: 12:47:42

Time On Btm: 2007.03.19 @ 06:55:27

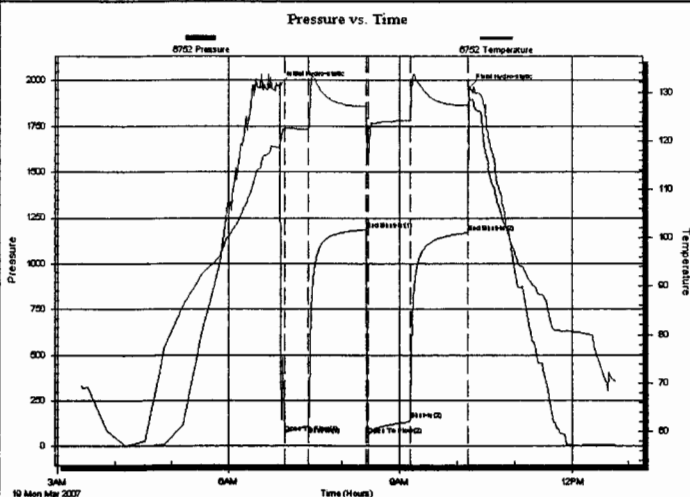
Time Off Btm: 2007.03.19 @ 10:12:11

TEST COMMENT: IF Strong Blow BOB in 45 seconds GTS in 17 minutes Gauged Gas and Took Gas Sample

ISI Bled Off Blow back Built To 1 1/2 inches

FF Strong Blow BOB And GTS Immediate Gauged Gas

FSI Bled Off Blow back B



PRESSURE SUMMARY

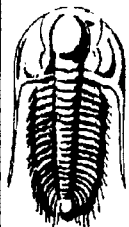
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1975.08	119.52	Initial Hydro-static
5	71.06	122.30	Open To Flow (1)
30	107.50	122.41	Shut-In(1)
90	1186.33	127.12	End Shut-In(1)
92	62.45	115.35	Open To Flow (2)
136	144.93	124.22	Shut-In(2)
196	1168.49	127.34	End Shut-In(2)
197	1962.17	128.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP AAFP	0.00
120.00	MCW 30%M 70%W	0.59
90.00	GSY WCM 5%G 2%W 93%M	1.21

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	28.00	67.26
Last Gas Rate	0.25	44.00	92.65
Max. Gas Rate	0.25	44.00	92.65



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Wildcat Oil & Gas

MJ Huey # 1

10286 SW 170th Ave
Nashville KS 67112

20 30 6W Kingman KS

Job Ticket: 26921

DST#: 5

ATTN: Tim Pierce

Test Start: 2007.03.19 @ 03:24:27

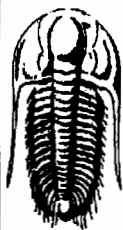
Tool Information

Drill Pipe:	Length: 3981.00 ft	Diameter: 3.80 inches	Volume: 55.84 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 3.25 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 126.00 ft	Diameter: 2.25 inches	Volume: 0.62 bbl	Weight to Pull Loose:	78000.00 lb
			Total Volume: 56.46 bbl	Tool Chased	ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial	56000.00 lb
Depth to Top Packer:	4100.00 ft			Final	56000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	15.00 ft				
Tool Length:	36.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Circulating sub	1.00			4080.00	
Change Over Sub	1.00			4081.00	
Shut In Tool	5.00			4086.00	
Hydraulic tool	5.00			4091.00	
Packer	5.00			4096.00	21.00 Bottom Of Top Packer
Packer	4.00			4100.00	
Stubb	1.00			4101.00	
Recorder	0.00	6752	Inside	4101.00	
Perforations	11.00			4112.00	
Recorder	0.00	6704	Outside	4112.00	
Bullnose	3.00			4115.00	15.00 Bottom Packers & Anchor

Total Tool Length: 36.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Wildcat Oil & Gas

MJ Huey # 1

10286 SW 170th Ave
Nashville KS 67112

20 30 6W Kingman KS

Job Ticket: 26921

DST#: 5

ATTN: Tim Pierce

Test Start: 2007.03.19 @ 03:24:27

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:

32000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 14.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	GIP AFFF	0.000
120.00	MCW 30%M 70%W	0.590
90.00	GSY WCM 5%G 2%W 93%M	1.208

Total Length: 210.00 ft

Total Volume: 1.798 bbl

Num Fluid Samples: 1

Num Gas Bombs: 0

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Wildcat Oil & Gas

MJ Huey # 1

10286 SW 170th Ave
Nashville KS 67112

20 30 6W Kingman KS

Job Ticket: 26921

DST#: 5

ATTN: Tim Pierce

Test Start: 2007.03.19 @ 03:24:27

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	20	0.25	28.00	67.26
1	20	0.25	28.00	67.26
1	25	0.25	30.00	70.44
1	30	0.25	38.00	83.13
2	10	0.25	26.00	64.09
2	20	0.25	36.00	79.96
2	30	0.25	40.00	86.30
2	40	0.25	44.00	92.65

