



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Operations

Warta # 1

PO Box 33
Russell KS 67665

19 15 11 Russell KS

Job Ticket: 32433 DST#: 1

ATTN: Kitt Noah

Test Start: 2008.07.19 @ 00:23:09

GENERAL INFORMATION:

Formation: **Plattsmouth**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:05:09
Time Test Ended: 06:32:24

Test Type: Conventional Bottom Hole
Tester: Tyson Flax
Unit No: 44

Interval: **2808.00 ft (KB) To 2865.00 ft (KB) (TVD)**
Total Depth: 2865.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1850.00 ft (KB)
1842.00 ft (CF)
KB to GR/CF: 8.00 ft

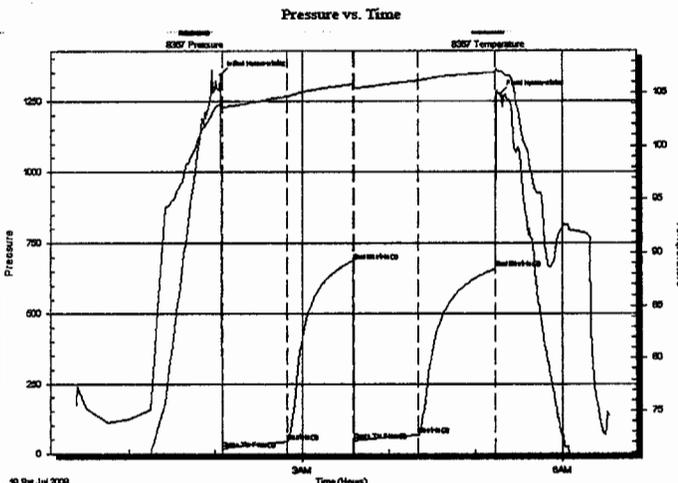
Serial #: 8367

Inside

Press@RunDepth: 66.91 psig @ 2814.00 ft (KB)
Start Date: 2008.07.19 End Date: 2008.07.19
Start Time: 00:23:10 End Time: 06:32:24

Capacity: 7000.00 psig
Last Calib.: 2008.07.19
Time On Btrr: 2008.07.19 @ 02:04:24
Time Off Btrr: 2008.07.19 @ 05:17:09

TEST COMMENT: IFP Weak surface blow built to 1.5 " died to weak surface blow
ISI No blow back
FFP Weak surface blow throughout
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1344.15	103.98	Initial Hydro-static
1	16.21	103.39	Open To Flow (1)
46	42.72	104.65	Shut-In(1)
91	688.61	105.78	End Shut-In(1)
92	46.60	105.50	Open To Flow (2)
136	66.91	106.14	Shut-In(2)
190	659.29	106.89	End Shut-In(2)
193	1273.75	106.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	WMW /scumO 10%W 90%M	0.71
60.00	MW 60%W 40%M	0.85

Gas Rates

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

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 ATTN: Kitt Noah

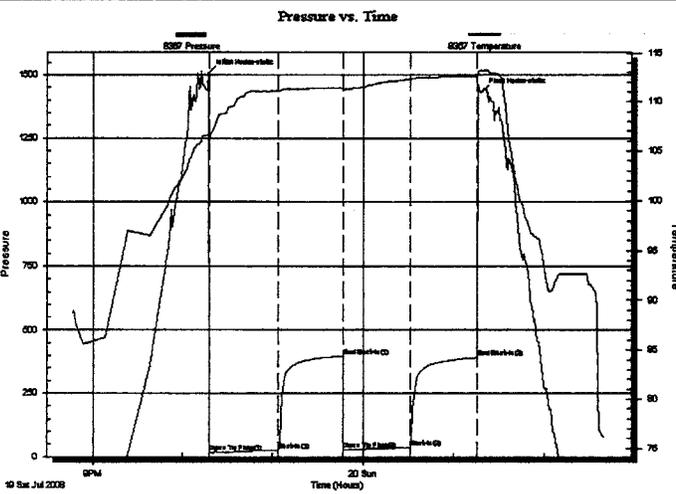
Warta # 1
19 15 11 Russell KS
 Job Ticket: 42434 **DST#:2**
 Test Start: 2008.07.19 @ 20:46:09

GENERAL INFORMATION:

Formation: **LKC "G"**
 Deviated: No Whipstock ft (KB)
 Time Tool Opened: 22:18:09
 Time Test Ended: 02:40:39
 Test Type: Conventional Bottom Hole
 Tester: Tyson Flax
 Unit No: 44
 Interval: **3073.00 ft (KB) To 3083.00 ft (KB) (TVD)**
 Total Depth: 3083.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Reference Elevations: 1850.00 ft (KB)
 1842.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8367 Inside
 Press@RunDepth: 36.14 psig @ 3078.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2008.07.19 End Date: 2008.07.20 Last Calib.: 2008.07.20
 Start Time: 20:46:10 End Time: 02:40:39 Time On Btm: 2008.07.19 @ 22:17:39
 Time Off Btm: 2008.07.20 @ 01:18:39

TEST COMMENT: IFP Weak surface blow built to 2.5"
 ISI No blow back
 FFP Very weak surface blow throughout
 FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1506.51	106.77	Initial Hydro-static
1	17.14	105.94	Open To Flow (1)
47	26.34	111.10	Shut-In (1)
89	398.45	111.38	End Shut-In (1)
90	27.82	111.13	Open To Flow (2)
134	36.14	112.29	Shut-In (2)
178	391.68	112.56	End Shut-In (2)
181	1431.52	113.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	MW 80%W 20%M	0.71

Gas Rates

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

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Mai Oil Operations

Warta # 1

PO Box 33
Russell KS 67665

19 15 11 Russell KS

Job Ticket: 42435 DST#: 3

ATTN: Kitt Noah

Test Start: 2008.07.20 @ 12:25:03

GENERAL INFORMATION:

Formation: **LKC "H-J"**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 13:42:33

Time Test Ended: 18:06:03

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 44

Interval: **3121.00 ft (KB) To 3185.00 ft (KB) (TVD)**

Total Depth: 3185.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1850.00 ft (KB)

1842.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: **8367** Inside

Press@RunDepth: 41.42 psig @ 3127.00 ft (KB)

Start Date: 2008.07.20

End Date:

2008.07.20

Start Time: 12:25:04

End Time:

18:06:03

Capacity: 7000.00 psig

Last Calib.: 2008.07.20

Time On Btm: 2008.07.20 @ 13:42:03

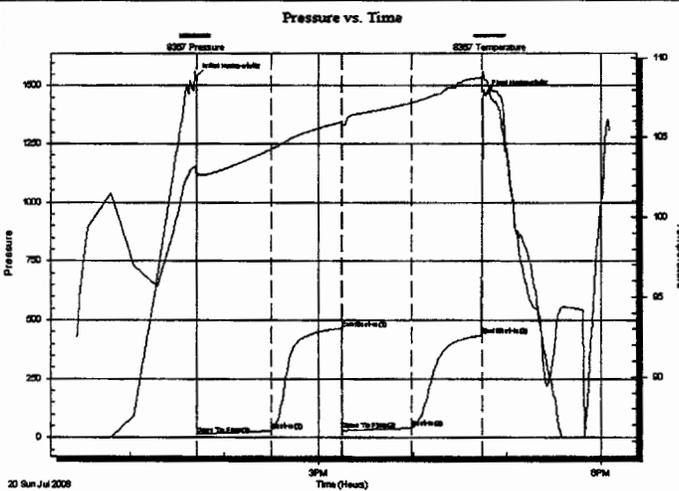
Time Off Btm: 2008.07.20 @ 16:46:03

TEST COMMENT: IFP Weak surface blow built to 3"

ISI No blow back

FFP Weak 1/4" blow throughout

FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1537.59	103.19	Initial Hydro-static
1	15.38	102.24	Open To Flow (1)
48	30.11	104.23	Shut-In(1)
93	464.53	105.96	End Shut-In(1)
93	35.22	105.77	Open To Flow (2)
138	41.42	107.19	Shut-In(2)
182	437.56	108.80	End Shut-In(2)
184	1463.20	108.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	OCWM 10%O 20%W 70%M	0.57
15.00	OCWM 10%O 40%W 50%M	0.21
0.00	45' GIP	0.00

Gas Rates

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

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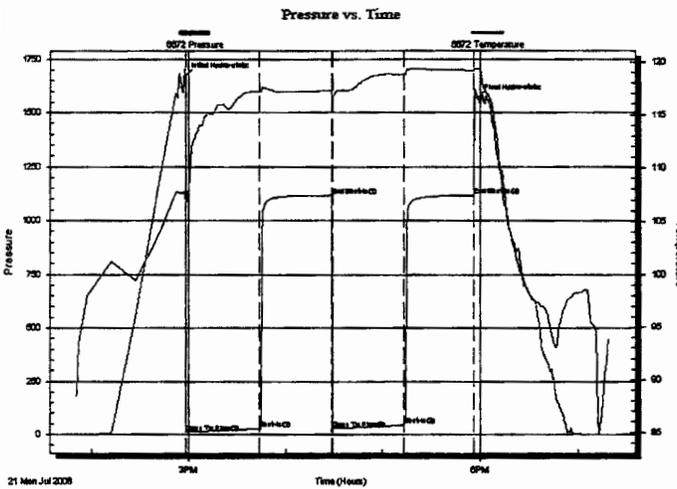
Warta # 1
19 15 11 Russell KS
Job Ticket: 42436 **DST#: 4**
Test Start: 2008.07.21 @ 13:50:05

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock ft (KB)
Time Tool Opened: 14:58:35
Time Test Ended: 19:19:05
Interval: **3327.00 ft (KB) To 3334.00 ft (KB) (TVD)**
Total Depth: 3334.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Reference Elevations: 1850.00 ft (KB)
1842.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6672 Inside
Press@RunDepth: 44.80 psig @ 3328.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2008.07.21 End Date: 2008.07.21 Last Calib.: 2008.07.21
Start Time: 13:50:06 End Time: 19:19:05 Time On Btrr: 2008.07.21 @ 14:58:05
Time Off Btrr: 2008.07.21 @ 17:58:35

TEST COMMENT: IFP Very weak surface blow throughout
ISI No blow back
FFP Very weak surface blow throughout
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1669.65	107.79	Initial Hydro-static
1	9.55	106.54	Open To Flow (1)
46	27.18	117.18	Shut-In (1)
91	1117.56	117.28	End Shut-In (1)
91	28.11	116.40	Open To Flow (2)
136	44.80	118.81	Shut-In (2)
178	1116.31	119.21	End Shut-In (2)
181	1568.79	119.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Ww/scumO	0.14
30.00	Water	0.43
60.00	MW 95%W 5%M	0.85

Gas Rates

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

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