



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mai Oil
PO Box 33
Russell KS 67665

ATTN: Kitt Noah

Desbian #1
20 11S 19W Ellis KS
Job Ticket: 30503 **DST#: 1**
Test Start: 2008.03.11 @ 06:14:03

GENERAL INFORMATION:

Formation: **LKC "C-F"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:47:03
Time Test Ended: 12:06:33

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

Interval: **3261.00 ft (KB) To 3322.00 ft (KB) (TVD)**
Total Depth: 3322.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1982.00 ft (KB)
1974.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8367

Inside

Press@RunDepth: 48.93 psig @ 3266.00 ft (KB)
Start Date: 2008.03.11 End Date: 2008.03.11
Start Time: 06:14:04 End Time: 12:06:33

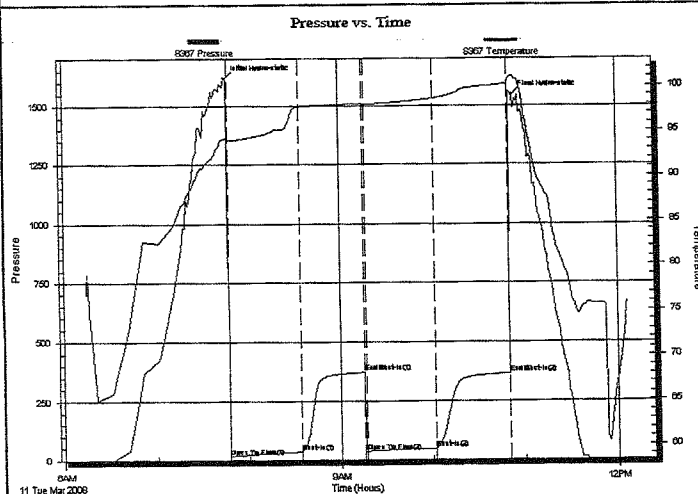
Capacity: 7000.00 psig
Last Calib.: 2008.03.11
Time On Btm: 2008.03.11 @ 07:46:03
Time Off Btm: 2008.03.11 @ 10:53:03

RECEIVED
KANSAS CORPORATION COMMISSION

TEST COMMENT: IFP Weak surface blow built to 5 "
ISI No blow back
FFP Weak surface blow built to 3.5 "
FSI No blow back

JUN 16 2008

CONSERVATION DIVISION
WICHITA, KS



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1617.10	94.22	Initial Hydro-static
1	15.34	93.87	Open To Flow (1)
48	34.11	97.66	Shut-In(1)
90	371.37	98.03	End Shut-In(1)
91	36.53	97.93	Open To Flow (2)
136	48.93	98.60	Shut-In(2)
184	364.53	100.20	End Shut-In(2)
187	1545.81	101.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	HOCM 30%O 70%M	0.57
30.00	OCM 10%O 90%M	0.43

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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ATTN: Kitt Noah

Desbian #1

20 11S 19W Ellis KS

Job Ticket: 30504

DST#: 2

Test Start: 2008.03.12 @ 10:15:28

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:49:28

Time Test Ended: 16:38:28

Interval: **3537.00 ft (KB) To 3548.00 ft (KB) (TVD)**

Total Depth: 3548.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 44

Reference Elevations: 1982.00 ft (KB)

1974.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: **8374**

Inside

Press@RunDepth: 127.69 psig @ 3538.00 ft (KB)

Start Date: 2008.03.12

End Date:

2008.03.12

Start Time: 09:15:29

End Time:

15:38:28

Capacity: 7000.00 psig

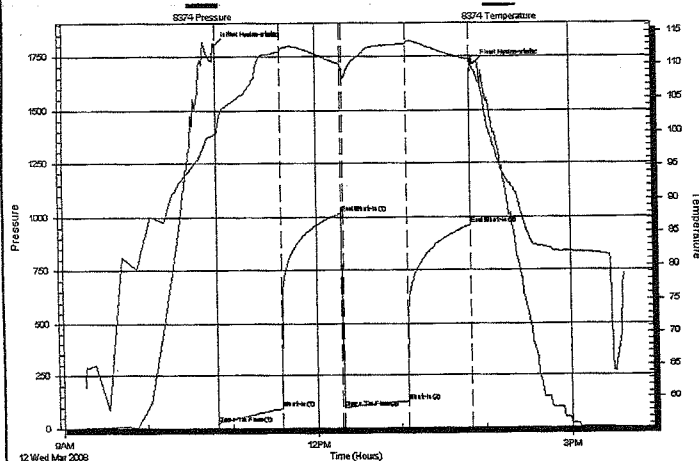
Last Calib.: 2008.03.12

Time On Btm: 2008.03.12 @ 10:48:58

Time Off Btm: 2008.03.12 @ 13:52:58

TEST COMMENT: IFP BOB in 45 min
ISI Weak surface blow back died in 4 min
FFP Weak blow built to 8"
FSI Weak surface blow back died in 2 min

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1805.96	99.80	Initial Hydro-static
1	20.33	99.66	Open To Flow (1)
46	93.13	111.91	Shut-In (1)
89	1017.04	109.99	End Shut-In (1)
90	95.77	108.95	Open To Flow (2)
136	127.69	113.12	Shut-In (2)
181	961.57	110.69	End Shut-In (2)
184	1713.39	109.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	MCO 50%O 50%M	0.10
310.00	CO	2.43

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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PO Box 33
Russell KS 67665
ATTN: Kitt Noah

Desbian #1
20 11S 19W Ellis KS
Job Ticket: 30505 **DST#: 3**
Test Start: 2008.03.12 @ 22:40:31

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock ft (KB)
Time Tool Opened: 00:05:01
Time Test Ended: 04:03:01
Interval: **3557.00 ft (KB) To 3568.00 ft (KB) (TVD)**
Total Depth: 3568.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole
Tester: Tyson Flax
Unit No: 44
Reference Elevations: 1982.00 ft (KB)
1974.00 ft (CF)
KB to GR/CF: 8.00 ft

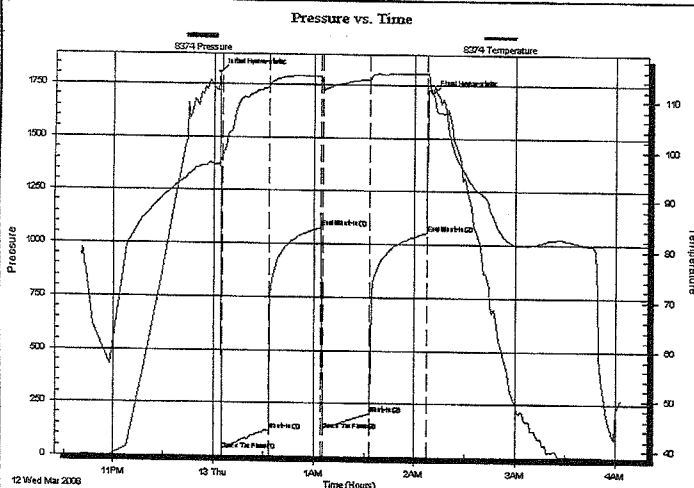
Serial #: 8374

Inside

Press@RunDepth: 200.11 psig @ 3558.00 ft (KB)
Start Date: 2008.03.12 End Date: 2008.03.13
Start Time: 22:40:32 End Time: 04:03:01

Capacity: 7000.00 psig
Last Calib.: 2008.03.13
Time On Btm: 2008.03.13 @ 00:04:01
Time Off Btm: 2008.03.13 @ 02:10:31

TEST COMMENT: IFP BOB in 7 min
ISI No blow back
FFP BOB in 11 min
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1806.25	97.72	Initial Hydro-static
1	26.45	98.49	Open To Flow (1)
29	121.37	112.64	Shut-In(1)
60	1075.50	114.95	End Shut-In(1)
61	122.22	113.28	Open To Flow (2)
89	200.11	114.34	Shut-In(2)
124	1052.92	115.63	End Shut-In(2)
127	1711.97	111.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	MCO 75%O 25%M	0.71
400.00	CO	5.67

Gas Rates

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