

15-167-23529



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mai Oil Operations

4514 Cole Ave
Ste 740, LB 30
Dallas, TX 75205
ATTN: Kitt Noah

Anschutz A #1

23 13 14 Russell KS

Job Ticket: 32723 **DST#: 1**
Test Start: 2008.08.22 @ 19:20:05

GENERAL INFORMATION:

Formation: **LKC "A-C"**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 20:45:05
Time Test Ended: 01:30:05
Interval: 2948.00 ft (KB) To 3030.00 ft (KB) (TVD)
Total Depth: 3030.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole
Tester: Kyle Kinderknecht
Unit No: 31
Reference Elevations: 1825.00 ft (KB)
1817.00 ft (CF)
KB to GR/CF: 8.00 ft

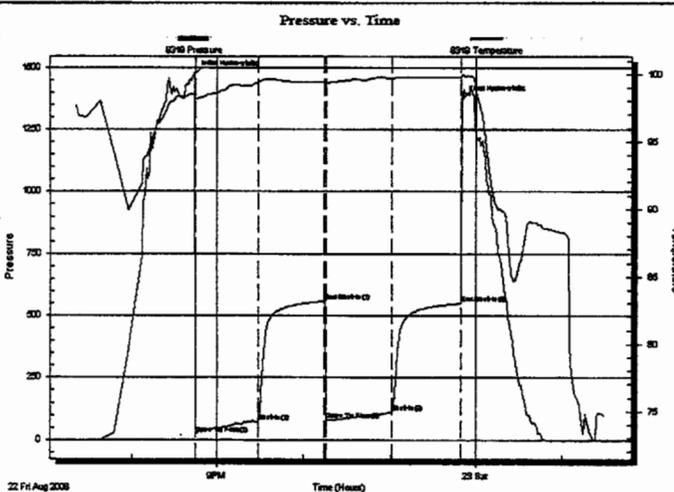
Serial #: 8319

Inside

Press@RunDepth: 109.65 psig @ 2953.00 ft (KB)
Start Date: 2008.08.22 End Date: 2008.08.23
Start Time: 19:20:10 End Time: 01:30:04

Capacity: 7000.00 psig
Last Calib.: 2008.08.23
Time On Btrr: 2008.08.22 @ 20:44:35
Time Off Btrr: 2008.08.22 @ 23:50:04

TEST COMMENT: IF 5"
ISI Weak surface died 5 min.
FF 1"
FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1472.93	98.54	Initial Hydro-static
1	23.78	98.18	Open To Flow (1)
45	72.44	99.41	Shut-In(1)
90	557.89	99.43	End Shut-In(1)
91	77.91	99.31	Open To Flow (2)
137	109.65	99.71	Shut-In(2)
185	549.73	99.77	End Shut-In(2)
186	1371.68	100.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	GsySitWCM 5%G 5%W 90%M	0.16
80.00	WCM scum of Oil 15%W 85%M	1.13
90.00	OWCM 5%O 5%W 90%M	1.28

Gas Rates

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

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Anschutz A #1

23 13 14 Russell KS

Job Ticket: 32724

DST#: 2

Test Start: 2008.08.23 @ 20:01:43

GENERAL INFORMATION:

Formation: **LKC "I-J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:20:43

Time Test Ended: 01:50:43

Test Type: Conventional Bottom Hole

Tester: Kyle Kinderknecht

Unit No: 31

Interval: **3131.00 ft (KB) To 3180.00 ft (KB) (TVD)**

Reference Elevations: 1825.00 ft (KB)

Total Depth: 3030.00 ft (KB) (TVD)

1817.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GRVCF: 8.00 ft

Serial #: 8319 Inside

Press@RunDepth: 135.77 psig @ 3136.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2008.08.23

End Date:

2008.08.24

Last Calib.:

2008.08.24

Start Time: 20:01:48

End Time:

01:50:42

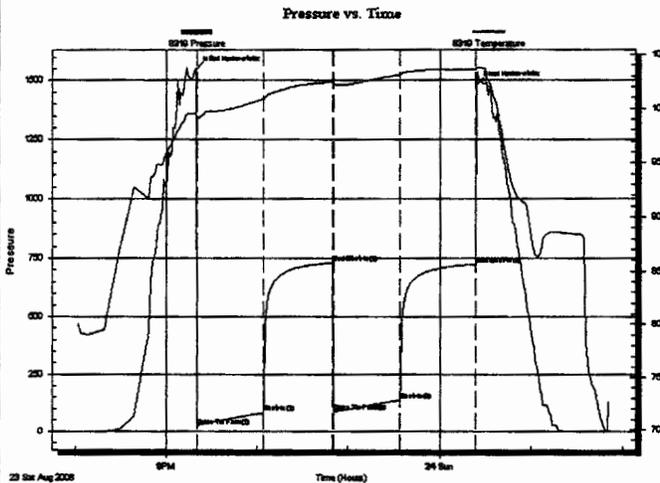
Time On Btrr:

2008.08.23 @ 21:20:13

Time Off Btrr:

2008.08.24 @ 00:24:12

TEST COMMENT: IF BOB 27 min
FF 3"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1548.15	99.54	Initial Hydro-static
1	23.74	99.14	Open To Flow (1)
44	81.83	100.83	Shut-in(1)
90	729.76	102.42	End Shut-in(1)
91	87.22	102.21	Open To Flow (2)
134	135.77	103.08	Shut-in(2)
184	723.73	103.58	End Shut-in(2)
184	1480.17	103.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
250.00	MdyWtr	3.28

Gas Rates

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

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Mai Oil Operations
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Dallas, TX 75205
ATTN: Kitt Noah

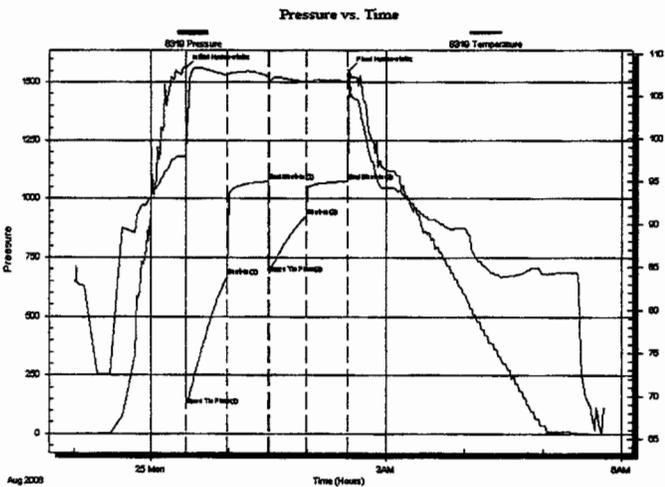
Anschutz A #1
23 13 14 Russell KS
Job Ticket: 32725 **DST#: 3**
Test Start: 2008.08.24 @ 23:00:47

GENERAL INFORMATION:

Formation: **Arb**
Deviated: **No Whipstock** ft (KB)
Time Tool Opened: 00:27:17
Time Test Ended: 05:47:47
Test Type: **Conventional Bottom Hole**
Tester: **Kyle Kinderknecht**
Unit No: **31**
Interval: **3256.00 ft (KB) To 3274.00 ft (KB) (TVD)**
Reference Elevations: **1825.00 ft (KB)**
1817.00 ft (CF)
Total Depth: **3274.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
KB to GR/CF: **8.00 ft**

Serial #: 8319 Inside
Press@RunDepth: **924.47 psig @ 3261.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2008.08.24** End Date: **2008.08.25** Last Calib.: **2008.08.25**
Start Time: **23:00:52** End Time: **05:47:46** Time On Btm: **2008.08.25 @ 00:26:47**
Time Off Btm: **2008.08.25 @ 02:31:47**

TEST COMMENT: IF BOB 1 min
FF BOB 1 1/2 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1562.00	97.89	Initial Hydro-static
1	119.49	97.92	Open To Flow (1)
32	669.40	107.50	Shut-In (1)
64	1074.74	107.38	End Shut-In (1)
64	679.91	107.21	Open To Flow (2)
92	924.47	106.75	Shut-In (2)
124	1075.39	106.74	End Shut-In (2)
125	1552.77	106.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	MCO 60%O 40%M	0.87
2300.00	FREE OIL	32.60

Gas Rates

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

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