



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Bennett & Schulte Oil Co.

140 W Wichita Ave
Russell, KS 67665

ATTN: Frank Schulte

D.Reinhardt #27-1

27-13-13 Russell, KS

Job Ticket: 43921

DST#: 1

Test Start: 2011.07.26 @ 17:45:14

GENERAL INFORMATION:

Formation: **KC "A"**

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

Time Tool Opened: 19:23:14

Time Test Ended: 21:25:44

Test Type: **Conventional Bottom Hole**

Tester: **Brett Dickinson**

Unit No: **47**

Interval: **2938.00 ft (KB) To 2981.00 ft (KB) (TVD)**

Total Depth: **2981.00 ft (KB) (TVD)**

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

Reference Elevations: **1806.00 ft (KB)**

1799.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6753

Inside

Press@RunDepth: **19.16 psig @ 2939.00 ft (KB)**

Start Date: **2011.07.26**

End Date:

2011.07.26

Capacity: **8000.00 psig**

Last Calib.: **2011.07.26**

Start Time: **17:45:19**

End Time:

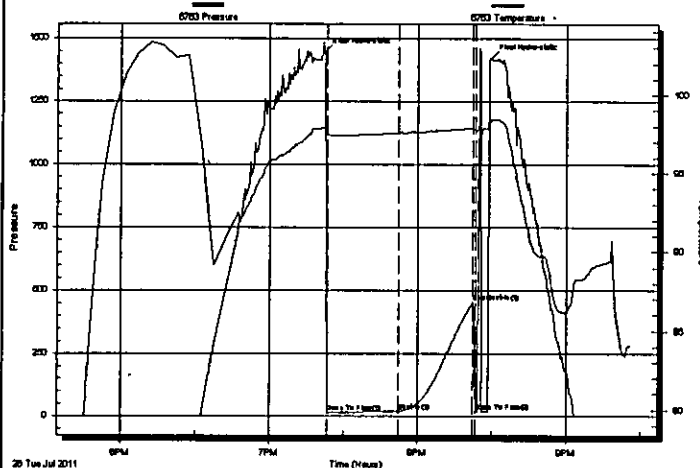
21:25:44

Time On Btm: **2011.07.26 @ 19:22:14**

Time Off Btm: **2011.07.26 @ 20:29:44**

TEST COMMENT: IF-weak surface blow died in 2.5 min
IS-No blow
FF-No blow Flush tool No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1445.27	97.83	Initial Hydro-static
1	17.54	97.44	Open To Flow (1)
30	19.16	97.55	Shut-In(1)
60	452.63	97.86	End Shut-In(1)
61	19.36	97.74	Open To Flow (2)
68	1423.33	98.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Mud	0.04

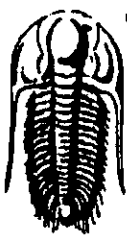
Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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ATTN: Frank Schulte

D.Reinhardt #27-1

27-13-13 Russell, KS

Job Ticket: 43922

DST#: 2

Test Start: 2011.07.27 @ 02:45:54

GENERAL INFORMATION:

Formation: **LKC"C"**

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

Time Tool Opened: 04:54:54

Time Test Ended: 08:45:24

Test Type: **Conventional Bottom Hole**

Tester: **Brett Dickinson**

Unit No: **47**

Interval: **3003.00 ft (KB) To 3020.00 ft (KB) (TVD)**

Total Depth: **3020.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1806.00 ft (KB)**

1799.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6753

Inside

Press@RunDepth: **436.77 psig @ 3004.00 ft (KB)**

Start Date: **2011.07.27**

End Date:

2011.07.27

Capacity: **8000.00 psig**

Last Calib.:

2011.07.27

Start Time: **02:45:59**

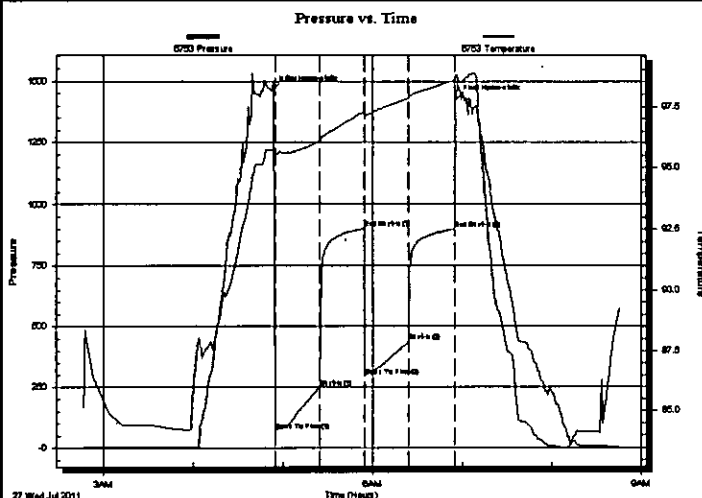
End Time:

08:45:23

Time On Btm: **2011.07.27 @ 04:52:24**

Time Off Btm: **2011.07.27 @ 06:55:54**

TEST COMMENT: IF-BOB in 4 min
ISI-weak surface blow
FF-BOB in 4.5 min
FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1461.90	95.68	Initial Hydro-static
3	69.19	95.53	Open To Flow (1)
32	248.78	96.09	Shut-In(1)
62	902.02	97.27	End Shut-In(1)
62	296.31	97.10	Open To Flow (2)
92	436.77	97.84	Shut-In(2)
123	899.16	98.57	End Shut-In(2)
124	1427.89	98.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	Oil spotted MCW 70%W 30%M	1.40
60.00	VSMCW 5%M 95%W	0.84
680.00	water	9.54

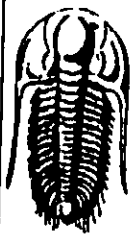
Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mc/d)
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ATTN: Frank Schulte

D.Reinhardt #27-1

27-13-13 Russell, KS

Job Ticket: 43923

DST#: 3

Test Start: 2011.07.27 @ 16:25:56

GENERAL INFORMATION:

Formation: LKC "G"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:06:56

Time Test Ended: 20:29:26

Interval: 3059.00 ft (KB) To 3093.00 ft (KB) (TVD)

Total Depth: 3093.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

Reference Elevations: 1806.00 ft (KB)

1799.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6753

Inside

Press@RunDepth: 32.21 psig @ 3060.00 ft (KB)

Start Date: 2011.07.27

End Date:

2011.07.27

Capacity: 8000.00 psig

Start Time: 16:26:01

End Time:

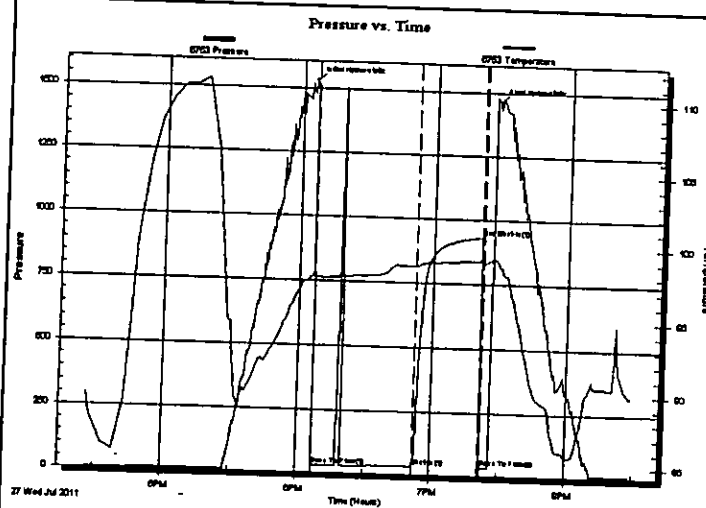
20:29:26

Last Calib.: 2011.07.27

Time On Btm: 2011.07.27 @ 18:05:56

Time Off Btm: 2011.07.27 @ 19:27:56

TEST COMMENT: IF-Very weak surface blow died in 10 min flush tool weak surface blow died in 40 min
ISI-No blow
FF-No blow



PRESSURE SUMMARY

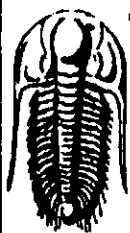
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1532.97	97.88	Initial Hydro-static
1	29.06	97.54	Open To Flow (1)
46	32.21	98.63	Shut-In(1)
76	930.76	99.10	End Shut-In(1)
77	36.09	98.87	Open To Flow (2)
82	1463.95	99.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	Mud	0.35

Gas Rates

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



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27-13-13 Russell, KS

Job Ticket: 43924

DST#: 4

Test Start: 2011.07.28 @ 18:05:00

GENERAL INFORMATION:

Formation: **Conglomerate**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:29:30

Time Test Ended: 23:13:00

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

Interval: 3296.00 ft (KB) To 3321.00 ft (KB) (TVD)

Total Depth: 3321.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1806.00 ft (KB)

1799.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6753

Inside

Press@RunDepth: 32.42 psig @ 3297.00 ft (KB)

Start Date: 2011.07.28

End Date:

2011.07.28

Start Time: 18:05:05

End Time:

23:12:59

Capacity: 8000.00 psig

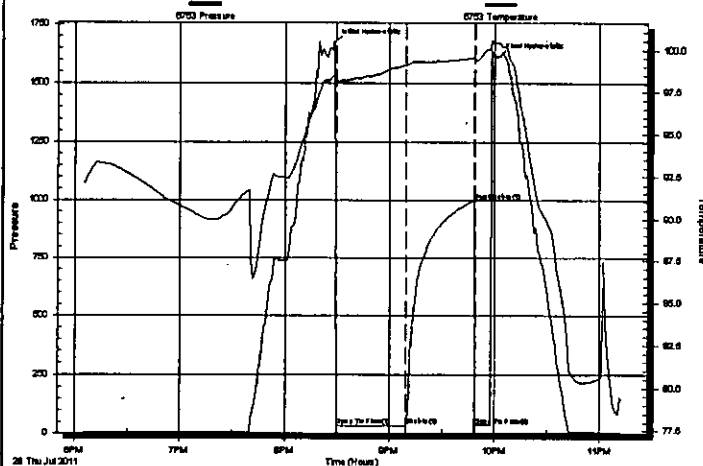
Last Calib.: 2011.07.28

Time On Btmr 2011.07.28 @ 20:28:00

Time Off Btmr 2011.07.28 @ 22:02:00

TEST COMMENT: IF-1 in blow
ISI-No blow
FF-No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1671.67	98.45	Initial Hydro-static
2	32.86	98.18	Open To Flow (1)
41	32.42	99.10	Shut-In(1)
81	997.46	99.54	End Shut-In(1)
81	34.61	99.23	Open To Flow (2)
94	1615.28	100.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud	0.42

Gas Rates

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