



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berexco LLC

Wellington KGS#1-32

2020 N Bramblewood
Wichita KS 67206

32 31s 1w Sumner KS

Job Ticket: 39324

DST#: 3

ATTN: Ganganath Koralegedarichita KS 67206

Test Start: 2011.01.23 @ 14:32:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:34:00

Time Test Ended: 02:44:45

Test Type: Conventional Straddle

Tester: Jake Fahrenbruch

Unit No: 43

Interval: 4280.00 ft (KB) To 4390.00 ft (KB) (TVD)

Reference Elevations: 1272.00 ft (KB)

Total Depth: 4575.00 ft (KB) (TVD)

1259.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 6799

Inside

Press @ Run Depth: 1784.25 psig @ 4281.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.01.23

End Date:

2011.01.24

Last Calib.:

2011.01.24

Start Time:

14:32:05

End Time:

02:44:45

Time On Btm:

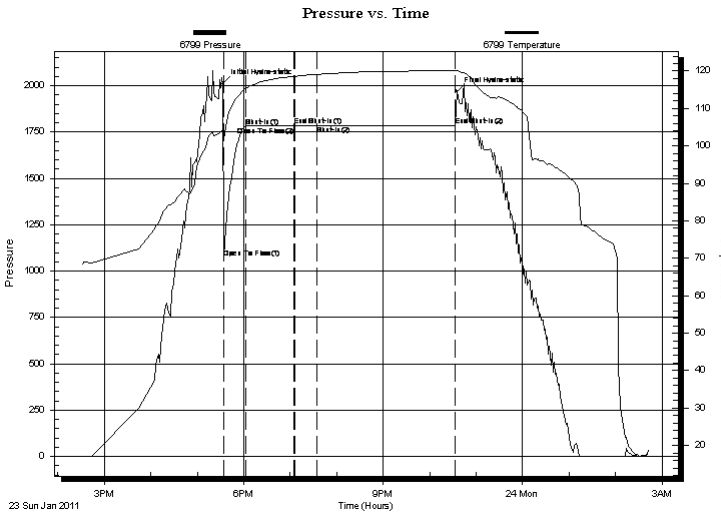
2011.01.23 @ 17:33:30

Time Off Btm:

2011.01.23 @ 22:35:00

TEST COMMENT: IF: Strong blow, BOB 20 seconds.
IS: Bled off, no blow back.
FF: Fair blow, built to 4", died off.
FSI: No blow back.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2010.18	104.30	Initial Hydro-static
1	1069.39	102.01	Open To Flow (1)
30	1782.30	115.38	Shut-In(1)
92	1784.63	118.57	End Shut-In(1)
92	1781.44	118.58	Open To Flow (2)
122	1784.25	119.11	Shut-In(2)
300	1783.43	120.14	End Shut-In(2)
302	1969.63	120.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3286.00	s sulfur c w (5% s 95% w)	41.12
360.00	sulfur c w (20% s 80% w)	5.05
360.00	w c sulfur (20% w 80% s)	5.05
0.00	rw = .22ohm @ 75deg F = 30000ppm	0.00

Gas Rates

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



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Test Type: Conventional Straddle

Tester: Jake Fahrenbruch

Unit No: 43

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Reference Elevations: 1272.00 ft (KB)

Total Depth: 4575.00 ft (KB) (TVD)

1259.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8655 Below (Straddle)

Press @ Run Depth: psig @ 4411.00 ft (KB)

Start Date: 2011.01.23

End Date:

2011.01.24

Capacity: 8000.00 psig

Last Calib.:

2011.01.24

Start Time:

14:32:05

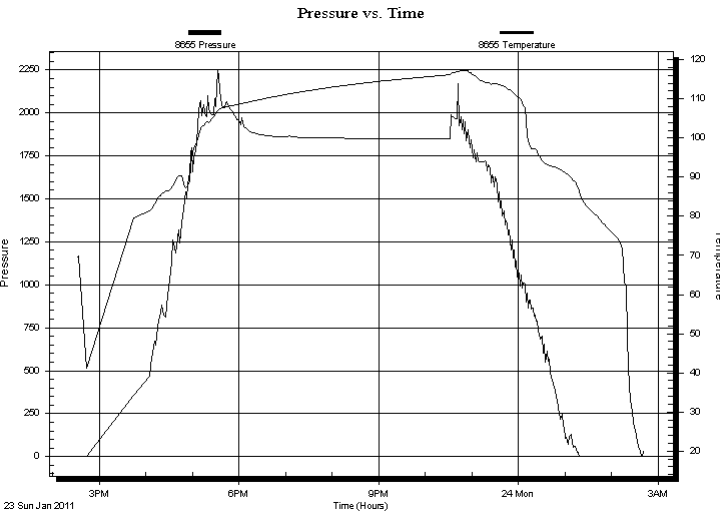
End Time:

02:42:45

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Strong blow, BOB 20 seconds.
IS: Bled off, no blow back.
FF: Fair blow, built to 4", died off.
FS: No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
3286.00	s sulfur c w (5% s 95% w)	41.12
360.00	sulfur c w (20% s 80% w)	5.05
360.00	w c sulfur (20% w 80% s)	5.05
0.00	rw = .22ohm @ 75deg F = 30000ppm	0.00

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



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FLUID SUMMARY

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Test Start: 2011.01.23 @ 14:32:00

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:

30000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 15.37 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
3286.00	s sulfur c w (5%s 95%w)	41.120
360.00	sulfur c w (20%s 80%w)	5.050
360.00	w c sulfur (20%w 80%s)	5.050
0.00	rw=.22ohm@75degF=30000ppm	0.000

Total Length: 4006.00 ft

Total Volume: 51.220 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

