



**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: 39325

DST#: 4

ATTN: Ganganath Koralegedarichita KS 67206

Test Start: 2011.01.24 @ 14:18:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:47:30

Time Test Ended: 03:11:45

Test Type: Conventional Straddle

Tester: Jake Fahrenbruch

Unit No: 43

Interval: 4175.00 ft (KB) To 4190.00 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 Outside

Press @ Run Depth: 218.56 psig @ 4176.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.01.24

End Date:

2011.01.25

Last Calib.:

2011.01.25

Start Time:

14:18:05

End Time:

03:11:45

Time On Btm:

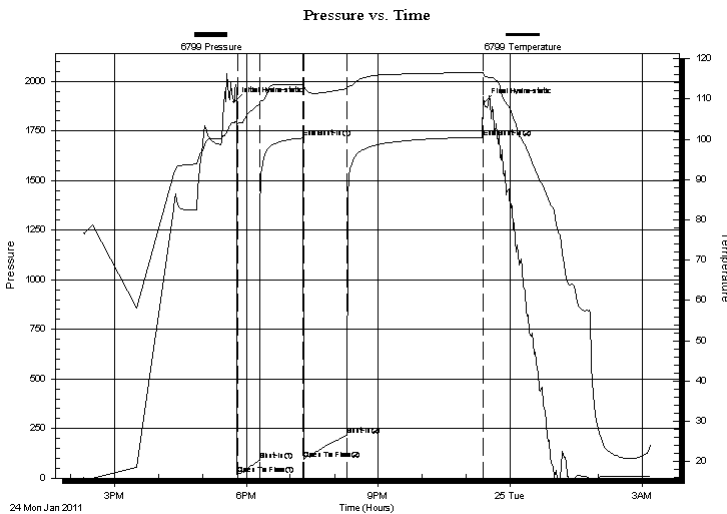
2011.01.24 @ 17:43:30

Time Off Btm:

2011.01.24 @ 23:24:30

TEST COMMENT: IF: Fair blow, built to 5" in bucket.
IS: Bled off, no blow back.
FF: Fair blow, built to BOB in 50 minutes.
FS: Bled off, no blow back.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1897.31	104.26	Initial Hydro-static
4	17.98	103.90	Open To Flow (1)
35	90.32	108.60	Shut-In(1)
94	1714.14	113.55	End Shut-In(1)
95	93.72	112.98	Open To Flow (2)
154	218.56	112.57	Shut-In(2)
339	1718.15	116.62	End Shut-In(2)
341	1894.78	115.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	MCW 30%w 70%w	0.44
90.00	dolomite cut w ater 25%d 75%w	0.44
270.00	slightly dolomite cut w ater 5%d 95%w	1.33
0.00	rw = .19ohm@62degF=44000ppm	0.00

Gas Rates

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



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FLUID SUMMARY

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Test Start: 2011.01.24 @ 14:18:00

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:

44000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.96 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
90.00	MCW 30%m 70%w	0.443
90.00	dolomite cut w ater 25%d 75%w	0.443
270.00	slightly dolomite cut w ater 5%d 95%w	1.328
0.00	rw =.19ohm@62degF=44000ppm	0.000

Total Length: 450.00 ft Total Volume: 2.214 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: very fine silty black dolomite in w ater

Pressure vs. Time

